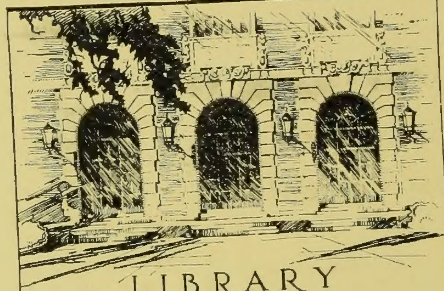

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., JANUARY, 1929 No. 1

GENERAL SUMMARY

Considered as a whole, the weather in Arkansas during January, 1929, averaged somewhat cooler and wetter than normal with no record breaking extremes reported. The month opened with moderately cold weather and temperatures were almost uniformly below normal except on the 9th and 10th and from the 17th to the 22d when the highest for the month occurred. The mean temperature for the month, as determined from the records of 58 stations was 39.4° which is 1.7° below normal. Of the stations for which normals have been computed, all except 9 showed negative departures. Monthly means ranged from 46.8° at Portland to 33.2° at Bentonville, a difference of 13.6° between the northwestern and southeastern portions of the State. The highest temperature reported was 79° at Hope on the 18th, the lowest, 2° at Dutton on the 2d and Gravette on the 6th. The highest occurred in most sections on the 18th or 22d and the lowest about the 2d or 6th. The greatest daily range was 57° at Mammoth Spring on the 25th.

The average precipitation for 90 stations was 5.08 inches which is 0.98 inch above the January normal. Monthly totals ranged from 8.00 inches at Dutton to 2.35 inches at Arkansas City. Practically all precipitation fell as rain, the snowfall at 9 stations averaging only 1.0 inch. Negative departures occurred at 20 stations, positive at all others. Little rain fell in the State on the 2d, 3d, 7th, 8th, 11th, 12th, 13th, 14th, and from the 26th to the close of the month while on other days moderate to heavy showers were numerous, the average number of rainy days being 10 which is three more than normal for the month.

The weather during the month was generally unfavorable for farm work and other outdoor pursuits, frequent rains keeping the soil too wet for plowing and frequent freezing and thawing periods were unfavorable for wheat and oats. The cool weather kept vegetation dormant. Heavy rains the latter part of the month caused flood stages on the smaller streams of the State and moderate stages on the Arkansas, however little damage resulted.

W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--3d, 1; 4th, 6; 5th, 7; 8th, 1; 9th, 1; 11th, 1; 16th, 1; 17th, 1; 18th, 11; 19th, 1; 23d, 4; 24th, 30; 25th, 2; 26th, 1.
SOLAR HALOS:---2d, 1; 3d, 1, 8th, 1; 19th, 1; 29th, 1; 31st, 1.
LUNAR HALOS:---19th, 1; 20th, 1; 27th, 1.
DENSE FOG:------3d, 1; 4th, 1; 9th, 1; 15th, 4; 16th, 8; 17th, 13; 18th, 3; 19th, 1; 20th, 1; 21st, 8; 22d, 6; 23d, 1; 24th, 5; 26th, 1; 27th, 1.
GLAZE:------------14th, 1; 15th, 7; 16th, 4.
SLEET:-------------3d, 5; 4th, 1; 5th, 1: 6th, 1; 15th, 3; 16th, 2; 23d, 5; 24th, 2.
HIGH WINDS:------Most of State on 18th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.07	30.51	1	29.45	18	5,480	26	w.	22	......	......	57
Fort Smith.	30.09	30.52	2	29.48	18	7,256	36	sw.	18	85	66	55
Little Rock.	30.12	30.57	2	29.41	18	6,092	39	sw.	18	77	65	45
Memphis	30.12	30.56	2	29.48	18	5,564	32	w.	18	79	69	40

COMPARATIVE DATA FOR JANUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**41.1**		**86**		**-23**		**4.10**		**12**	**6**	**13**	**7**
1891	41.6	+0.5	71	26	13	13	5.34	+1.24	10	6	15	10
1892	34.7	−6.4	74	29	−14	19	2.48	−1.62	18	5	8	6
1893	38.5	−2.6	80	27	−13	19	1.13	−2.97	17	8	6	2
1894	43.5	+2.4	77	16	−22	24	3.63	−0.47	13	8	10	7
1895	36.9	−4.2	78	6	− 5	12	5.19	+1.09	9	6	16	8
1896	41.4	+0.3	78	31	4	4	4.09	−0.01	10	6	15	8
1897	38.9	−2.2	76	1	− 2	27	6.78	+2.68	13	5	13	8
1898	45.5	+4.4	81	10	10	2	7.93	+3.83	10	8	13	9
1899	39.3	−1.8	75	13	− 9	31	5.91	+1.81	12	6	18	7
1900	43.4	+2.3	78	24	1	29	2.69	−1.41	13	7	11	7
1901	45.6	+4.5	78	14	7	1	2.21	−1.89	16	7	8	5
1902	38.0	−3.1	79	9	2	26	4.13	+0.03	11	6	14	8
1903	40.2	−0.9	80	29	7	12	2.60	−1.50	13	8	10	6
1904	38.9	−2.2	75	20	− 5	26	3.81	−0.29	15	8	8	6
1905	33.3	−7.8	73	1	13	15	4.58	+0.48	12	8	11	6
1906	43.1	+2.0	82	18	− 2	23	5.19	+1.09	14	5	12	6
1907	49.2	+8.1	82	7	− 8	26	5.80	+1.70	8	7	16	11
1908	41.7	+0.6	78	2	6	16	3.75	−0.35	14	7	10	7
1909	43.8	+2.7	82	25	−19	12	1.79	−2.31	4	7	20	6
1910	41.8	+0.7	78	1	− 7	7	2.59	−1.51	16	6	9	6
1911	47.6	+6.5	86	31	− 9	3	1.02	−3.08	8	10	13	6
1912	34.3	−6.8	79	26	−16	7	3.01	−1.09	13	10	8	6
1913	44.0	+2.9	78	5	− 1	8	8.46	+4.35	12	7	12	10
1914	46.6	+5.5	82	19	7	31	1.57	−2.53	13	9	9	4
1915	39.3	−1.8	74	14	− 3	28	4.38	+0.28	10	6	15	8
1916	44.3	+3.2	82	11	− 6	14	9.39	+5.29	8	4	19	12
1917	44.0	+2.9	82	29	− 4	14	3.66	−0.44	11	5	15	7
1918	27.3	−13.8	80	25	−23	13	4.39	+0.29	13	4	14	8
1919	41.4	+0.3	75	13	− 3	4	3.00	−1.10	16	5	10	6
1920	39.6	−1.5	82	20	11	4	6.49	+2.39	12	4	15	8
1921	46.9	+5.8	85	29	6	14	2.07	−2.03	11	6	14	6
1922	39.1	−2.0	74	4	4	19	2.63	−1.47	8	5	18	7
1923	48.6	+7.5	80	14	15	23	5.78	+1.68	14	5	12	9
1924	36.1	−5.0	79	31	− 6	5	3.19	−0.91	15	3	13	7
1925	40.8	−0.3	76	6	− 4	28	2.68	−1.42	14	4	13	8
1926	40.5	−0.6	77	20	−17	23	4.69	+0.59	13	6	12	7
1927	42.6	+1.5	79	2	− 1	15	5.41	+1.31	14	3	14	10
1928	42.7	+1.6	90	11	−10	3	2.05	−2.05	16	6	9	5
1929	39.4	−1.7	79	18	2	2	5.08	+0.98	12	5	14	10

Corrections: December, 1928

Mena:—Maximum on 24th should be 50°: 25th, 51°: 28th, 70°: 29th, 62°. Mean maximum 52.4°. Minimum on 25th should be 25°: 26th, 34°: 29th, 40°: 30th, 31°: 31st, 34°. Mean minimum 32.7°. Monthly mean 42.6°. Departure from normal 0.0. Highest for month, 70° on the 28th.

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Climatological Data for January, 1929

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	34	41.8	-1.8	67	9	13	6	40	3.27	-1.24	1.00	0.0	6	12	6	13	n.	G. C. Thrash
Arkadelphia	Clark	250	33	......	......	......	......	......	......	......	5.29	+1.32	1.40	0.0	9	14	5	12	n.	W. K. Brown
Arkansas City	Desha	145	45	......	......	......	......	......	......	......	2.35	-2.35	0.70	0.0	9	14	2	15	......	Grady F. Jones
Arlberg	Stone	700	7	......	......	......	......	......	......	......	6.07	......	2.12	1.0	10	12	2	17	se.	J. D. Reeves
Batesville	Independence	277	30	35.0	-3.8	67	18†	9	2†	49	5.86	+1.67	1.46	T.	14	18	0	13	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	36.2	-5.1	66	22†	10	2	38	7.03	+2.93	2.45	T.	10	14	4	13	s.	J. E. Scanlan
Bentonville	Benton	1303	24	33.2	-0.9	64	22	8	25	35	3.92	+1.29	1.29	2.5	11	16	5	10	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	......	......	......	......	......	......	......	6.77	+2.47	2.06	0.0	13	13	1	17	s.	Vernon C. Howe
Blytheville	Mississippi	252	4	38.0	......	71	18	16	2†	30	3.76	......	0.85	0.0	13	12	4	15	n.	W. Ebner
Booneville	Logan	465	15	39.2	-0.8	69	22	11	2	40	5.31	+0.48	2.61	T.	10	13	5	13	e.	F. H. Randolph
Brinkley	Monroe	205	42	39.6	-2.2	74	18	13	2	32	4.17	-0.80	1.00	0.0	13	8	7	16	ne.	R. J. Torry
Calico Rock	Izard	361	25	34.6	-1.6	72	22	8	2	43	5.26	+1.68	1.71	T.	9	8	12	11	se.	W. J. Copp
Camden	Ouachita	158	44	42.2	-2.7	73	19	16	2†	40	4.71	+0.11	1.29	0.0	12	10	6	15	n.	A. B. Quarterman
Center Point	Howard	470	30	43.6ᵉ	-1.8	67ᵉ	22	16ᵉ	2†	33ᵉ	5.91	+2.17	2.00	0.0	9	7ᶜ	8ᶜ	13ᶜ	se.	John C. Floyd
Clarendon	Monroe	200	25	......	......	......	......	......	......	......	5.28	+0.94	1.47	0.0	13	8	3	20	n.	J. W. Bishop
Clinton	Van Buren	516	8	......	......	......	......	......	......	......	5.84	......	1.40	0.0	10	9	8	14	nw.	A. L. Stephens
Conway	Faulkner	309	46	38.8	-3.2	68	18	13	2	34	4.39	+0.14	1.36	0.0	11	16	2	13	e.	E. E. Cordrey
Corning	Clay	293	36	36.7	-0.6	70	18	11	2	35	7.26	+3.57	3.21	0.0	7	12	8	11	w.	Winfred D. Polk
Corning (river)	Clay	280	5	......	......	......	......	......	......	......	7.72	......	2.82	0.0	10	10	11	10	......	Henry Stafford
Cotter	Marion	408	2	......	......	......	......	......	......	......	5.77	......	2.15	0.0	9	11	0	20	s.	J. O. Linck
Crossett	Ashley	175	14	45.0	+0.7	76	24	20	2†	39	3.09	-2.08	0.84	0.0	13	9	7	15	ne.	A. E. Wackerman
Danville	Yell	327	13	......	......	......	......	......	......	......	4.85	+1.46	1.93	0.0	5	12	4	15	e.	C. G. Hudson
Dardanelle	Yell	330	43	39.2	-1.0	69	22	15	2†	29	5.08	+1.79	1.69	0.0	13	7	15	9	e.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	2	......	......	......	......	......	......	......	3.53	......	0.94	0.0	10	10	0	21	......	H. G. Pate
Dumas	Desha	162	23	42.8	-0.2	70	18	17	2†	36	4.63	-0.36	1.55	0.0	10	13	7	11	n.	Ben Johnson
Dutton	Madison	1590	26	34.1	-1.8	63	22	2	2	34	8.00	+4.08	3.57	0.5	8	10	11	10	s.	J. M. Ricketts
El Dorado	Union	270	28	46.5	+0.7	74	19†	18	6	36	4.75	+1.56	1.04	0.0	11	9	4	18	sw.	J. J. Babb
England	Lonoke	229	22	40.6	-2.3	73	18	15	2	31	3.82	-0.24	1.21	T.	14	8	7	16	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	35.8	-1.8	64	22	5	25	36	4.60	+1.52	1.90	0.5	9	11	8	12	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	36.2	-1.8	63	22	7	6†	33	5.02	+2.03	2.32	0.0	7	12	2	17	s.	University of Arkansas
Fort Smith	Sebastian	457	48	37.0	-2.5	67	22	14	25	28	4.26	+1.72	2.14	T.	10	14	5	12	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	5	......	......	......	......	......	......	......	6.86	......	2.16	T.	13	12	4	15	sw	J. R. Mc Cuiston
Fulton	Hempstead	260	43	......	......	......	......	......	......	......	5.72	+1.63	1.45	0.0	10	10	6	15	......	T. J. Logan
Georgetown	White	200	17	......	......	......	......	......	......	......	2.78	-2.71	0.80	0.0	10	12	2	17	......	W. R. Owens
Gilbert	Searcy	675	6	......	......	......	......	......	......	......	5.82	......	2.50	T.	9	9	11	11	......	Ben F. Battenfield
Grannis	Polk	900	10	40.2	......	70	22	9	6†	45	7.72	......	2.12	T.	11	11	9	11	se.	W. E. McVay
Gravette	Benton	1250	32	34.8	-1.9	62	22	2	6	47	3.54	+1.04	1.47	2.0	5	12	8	11	se.	A. F. Stevens
Harrison	Boone	1052	28	35.4ᵈ	-1.0	72ᵉ	22	8ᵈ	2†	40ᶠ	5.72	+2.83	3.60	T.	5	13	7	8	......	G. L. Wright
Helena	Phillips	250	57	43.0	0.0	73	12	15	2	45	5.14	-0.23	1.44	T.	11	13ᶜ	0ᶜ	18ᶜ	ne.	James A. Burnett
Higden	Cleburne	445	11	......	......	......	......	......	......	......	6.60	......	2.19	T.	10	10	5	16	sw	Geo. W. Baker
Hope	Hempstead	377	58	43.7	-1.7	79	18	15	2	47	5.40	+0.42	1.13	0.0	9	14	3	14	ne.	N. P. O'Neal
Hot Springs	Garland	600	38	......	......	......	......	......	......	......	6.09	+1.33	1.04	0.0	9	..	..	..	......	G. C. Bolton
Index‡‡	Little River	275	4	......	......	......	......	......	......	......	5.43	......	1.35	0.0	11	10	5	16	......	H. G. Sanderson
Jessieville	Garland	750	3	......	......	......	......	......	......	......	6.39	......	2.37	T.	8	9	8	6	......	U. S. Forest Service
Jonesboro	Craighead	345	34	38.0	-2.4	72	18	14	2†	39	2.97	-2.26	0.85	0.0	10	17ʰ	4ʰ	10ʰ	ne.	Benedictine Sisters
Junction‡‡	Union	182	35	46.0	+0.4	72	17	19	6	39	3.36	-0.54	1.10	0.0	4	13	6	12	n.	J. A. Lowderback
Lambrook	Phillips	155	6	41.4	......	70	1†	12	3†	49	3.45	......	2.40	0.0	6	16	2	13	n.	Mrs. D. C. White
Lead Hill	Boone	650	2	36.4	......	69	22	5	2	38	5.11	......	2.83	T.	10	13	8	10	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	50	38.8	-2.6	71	18	17	6	32	3.69	-1.10	1.08	T.	11	8	6	17	e.	U. S. Weather Bureau
Lurton††	Newton	2100	4	32.8	......	61	22	6	6†	27	7.28	......	2.31	T.	11	14	6	11	s.	I. C. Sutton
Lutherville‡‡	Johnson	775	31	37.2	-2.8	65	22	7	2	30	7.01	+3.57	3.07	0.0	10	12	3	16	e.	H. G. Lenhardt
Magnolia	Columbus	315	10	45.6	......	73	19†	17	2	35	4.37	......	1.77	0.0	9	10	9	12	ne.	State Agri. School
Malvern	Hot Springs	277	42	39.0	-4.3	63	23	15	2†	30	6.79	+1.30	1.35	0.0	15	13	2	16	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	24	35.2	-1.6	68	25	17	1	57	4.79	+1.40	1.68	0.7	8	11	10	10	nw.	W. C. Gregg
Marianna	Lee	235	17	42.4	+2.2	73	18	17	2†	35	2.88	-1.90	0.72	0.0	11	15	5	11	n.	C. N. Houck
Marked Tree	Poinsett	229	24	36.0	-3.1	72	17	12	5	37	4.32	-1.17	0.96	T.	11	8	11	12	n.	Charles Walton
Marshall	Searcy	1070	15	37.2	-1.2	68	22	8	2	37	5.89	+2.05	3.14	T.	7	14	4	14	se.	A. J. Parks
Mena	Polk	1185	41	39.2	-2.1	66	22	11	6	30	6.81	+3.02	2.24	T.	13	11	10	10	nw.	E. W. St. John
Morrilton	Conway	347	8	36.8	......	68	22	15	2	31	6.38	......	1.78	T.	9	10	7	14	ne.	John Cook
Mountain Home	Baxter	800	15	35.6	-1.6	69	22	6	2	42	5.58	+2.93	4.15	T.	9	14	2	15	w.	B. S. Halbert
Mount Ida	Montgomery	650	30	40.4ᵈ	-0.3	70ⁱ	22	8	2	38ⁱ	5.62	+1.31	1.75	0.0	8	12	3	16	e.	G. A. Whittington
Newport	Jackson	231	45	38.2	-1.0	70	18	13	6	31	3.67	-1.25	0.84	0.0	15	12	5	14	s.	A. C. Wilkerson
Norman	Montgomery	750	2	......	......	......	......	......	......	......	5.10	......	1.20	T.	10	10	9	12	......	U. S. Forest Service
Oden	Montgomery	800	3	......	......	......	......	......	......	......	5.03	......	2.25	0.0	4	9	5	17	se.	U. S. Forest Service
Osceola	Mississippi	240	31	37.3	-2.5	72	18	15	1	44	2.78	-2.37	0.78	0.0	6	15	3	13	n.	June Thomason
Ozark	Franklin	396	33	......	......	......	......	......	......	......	6.29	+3.80	1.97	T.	8	11	8	12	e.	Isham Burrow
Paragould	Greene	301	3	......	......	......	......	......	......	......	3.74	......	0.69	0.0	13	12	6	13	n.	W. R. Heagler
Patterson	Woodruff	196	13	......	......	......	......	......	......	......	2.77	1.92	0.75	0.0	9	15	2	14	s.	W. E. Baker
Piggott	Clay	307	5	......	......	......	......	......	......	......	6.13	......	2.95	0.0	13	8	7	16	ne.	V. C. Wright
Pine Bluff	Jefferson	215	42	43.6	+0.5	74	19	17	2	35	4.95	-0.09	1.45	0.0	12	10	5	16	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	35.8	-2.2	63	18†	10	2	33	7.02	+2.78	3.52	0.0	10	15	3	13	n.	Benedictine Sisters
Portland	Ashley	122	23	46.8	+0.5	75	24	19	6	41	3.38	-1.67	1.25	0.0	9	7	9	15	n.	W. E. Edmiston
Prescott	Nevada	329	41	43.2	-0.9	70	21	15	2†	36	4.89	+0.55	1.42	0.0	9	15	0	16	n.	C. D. Calhoun
Princeton	Dallas	287	23	......	......	......	......	......	......	......	5.59	+1.30	1.40	0.0	15	3	7	21	......	Mrs. F. P. Coleman
Rison	Cleveland	243	28	45.2	+1.6	78	23	16	6	40	4.46	-0.88	1.49	0.0	7	5	8	18	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	35.9	-1.0	63	22	6	6	35	4.67	+2.21	2.10	0.8	8	8	9	14	sw.	Carl A. Starck
St. Francis	Clay	290	2	......	......	......	......	......	......	......	6.42	......	3.40	0.0	10	13	0	18	......	S. T. Rooney
Searcy	White	236	20	38.4	-2.0	70	18	15	2	28	4.25	+0.07	1.17	T.	9	17	2	12	n.	J. T. Bell
Springbank‡‡	Miller	240	22	......	......	......	......	......	......	......	5.23	+1.23	1.55	0.0	11	12	0	19	......	Miss Grace Field
Story	Montgomery	700	5	......	......	......	......	......	......	......	6.20	......	2.03	0.2	11	15	3	13	n.	S. C. Story
Stuttgart	Arkansas	228	42	41.3	-0.9	72	18	16	1	41	5.10	+0.19	1.42	0.0	13	8	11	12	n.	Adam F. Buerkle
Subiaco	Logan	1050	32	38.5	-2.9	67	22	12	2	38	5.85	+2.63	2.73	0.0	11	10	6	15	n.	New Subiaco Abbey
Texarkana	Miller	332	43	45.0	-1.2	73	19	16	2†	38	5.61	+2.37	1.73	0.0	8	11	2	18	n.	H. S. Brashear
Thornburg	Perry	650	5	36.8	......	66	22	7	2	40	6.07	......	1.60	T.	12	11	5	15	s.	Edward E. Holmes
Waldron	Scott	675	10	......	......	......	......	......	......	......	5.49	......	2.76	0.5	9	9	5	17	nw.	Dr. Cheves Bevill
Warren	Bradley	206	35	46.0	+1.1	71	18†	18	6	41	4.54	-0.01	0.84	0.0	7	16	5	10	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	......	......	......	......	......	......	......	6.82	......	2.63	T.	9	12	5	14	e.	J. R. Huddleston
Whitecliffs	Little River	290	25	......	......	......	......	......	......	......	5.26	+2.14	1.52	0.0	7	10	4	17	e.	Nannie O. Schirmer
Wilson	Mississippi	237	4	38.9		70	17	15	2†	38	2.41	......	1.15	0.0	5	14	13	4	n.	M. W. H. Collins
Wynne	Cross	250	21	38.3	-1.9	70	18	13	2	47	4.08	-0.67	1.10	T.	10	17	0	14	n.	E. O. Allen
Yancopin	Desha	167	5	......	......	......	......	......	......	......	3.90	......	1.62	0.0	13	11	3	17	......	W. E. Barton
State Means	and Extremes			39.4	-1.7	79	18	2	2†	57	5.08	+0.98	4.15	1.0	10	12	5	14	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

551.05 UNAR 1929-41

LIBRARY UNIVERSITY OF ILLINOIS

Daily Precipitation for January, 1929

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				.42	.55				.45									1.00				.08		.77								3.27
Arkadelphia	Ouachita				.35	1.40					.75					.04	.09			.59			.11		.90	1.06							5.29
Arkansas City	Mississippi	.18				.25					.25								T.	.70		.04	.03	.10	.60	.20							2.35
Arlberg	White				1.26	.10				1.05						.25	.17	.10	.62				.13		2.12	.27							6.07
Batesville	White	.02			.12	.32	.46				.79					.23	.02	.06	.08	1.10		T.	.08	.04	1.08	1.46							5.86
Bee Branch	Arkansas				.80	.62				.91						.41	.10	.06	1.50			.05	.13		2.45								7.03
Bentonville ***	Arkansas	.01			.41	1.03				.30					.02		T.	.01	.44			.01	.09	.31	1.29								3.92
Black Rock	White	.14			.04	.34	.04				.77					.22	.12	.04		1.31			.07	.08	1.54	2.06							6.77
Blytheville	Mississippi				.35	.08				.85					.20	.04	.12	.04	.77			.12	.07	.08	.80		.24						3.76
Booneville	Arkansas				.90	.92				.23						.11	.02		.20			.03	.10	.19	2.61								5.31
Brinkley	White	.37			.06	.23					.75					.17		.04	.01	.81		.04	.08	.14	.47	1.00							4.17
Calico Rock	White				.21	.57	T.				.55					.18	.04			.74			.04		1.71	1.22							5.26
Camden	Ouachita	.14			.33	1.02				.08	.52						.10	.03		.33			.05	.17	1.29	.65							4.71
Center Point	Red				2.00					.80						.14	.11	.04	.74			T.	.42	.77	89								5.91
Clarendon	White	.46			.05	.33	.01				.68					.12	.05	T.		1.03		.06	.13	.09	.80	1.47							5.28
Clinton	White				1.40	.05				.89						.21		.20	.60			.01	.13	1.15	1.20								5.84
Conway	Arkansas				.53	.49			.06						.53	.04		.11	1.36				.04	.07	1.13	.03							4.39
Corning	White					.23	.31			.73						T.	.44			2.03				.31		3.21							7.26
Corning (river)	White	.06				.40	.18				.73					.20	.30	T.		2.29			.14		.60	2.82							7.72
Cotter	White	T.	T.		.07	1.15	.08				.30					.13	.14			.30			T.		2.15	1.45							5.77
Crossett	Ouachita	.08			.06	.70				.01	.49					.06	.03		T.	.32		.10	.01	.11	28	.84		T.					3.09
Dam No. 1	White																																
Danville	Arkansas				T.	1.93										.20	T.	T.				T.	.33		1.22	1.17							4.85
Dardanelle	Arkansas				.11	1.69	T.			.06	.52					.27	.03	.08		.38		.04	.06	.03	.74	1.07							5.08
De Valls Bluff	White	T.			.29	.40					.72					.06			.05	.35		T.	.12	.23	.45	.94						T.	3.53
Dumas	Mississippi			.02		.35				.65						.03		T.	.58			.10	.10	1.55	1.10		.15						4.63
Dutton	White	T.			1.27	1.44				.57						.12			.27			T.	.40	.36	3.57	T.							8.00
El Dorado	Ouachita	.12			.12	.93				.09	.71									.79		.10	.03	.25	1.04	.57							4.75
England	Arkansas			.01	.16	.35				.66						.06	.07	.02	.41			.11	.20	.35	1.21	.18		.03					3.82
Eureka Springs	White				.38	1.15				.30									.51			.05	.12	.14	1.90	.05							4.60
Fayetteville	White				.30		1.07									.28			.67				.17	.21	2.32								5.02
Fort Smith ***	Arkansas				.88	.58				.20					.18	.05	T.	T.	.14			.03	.06	.53	1.61								4.26
Freeman Sprgs.	Arkansas				.04	2.16	.02			.13	.38					.20	.14	.05	T.	.27			.06	.14	1.95	1.32							6.86
Fulton	Red	T.			.43	1.45				.15	.57					T.	.05		.22	.95		T.	.04		.92	.94							5.72
Georgetown	White				T.	T.	.40				.80						.10	T.	.20	.52			.20	.10	.23	.13		.10					2.78
Gilbert	White	T.	T.		.05	1.07	T.				.35					.06	.07	.08		.39			T.		2.50	1.25							5.82
Grannis	Red			T.	2.12	1.32				1.06						.10	.12	.17	.30			.05	.12	.78	1.58						T.		7.72
Gravette	Arkansas	T.	T.			1.47				.28					T.				.35			T.	.12		1.32	T.							3.54
Harrison	White	T.				1.61	T.		31									.02					.18		3.60								5.72
Helena	Mississippi	.60				.80					.84					.04	.08		.02	.60			.12		.50	1.44		.10					5.14
Higden	White				.72	.52				.84						.17	.07	.04	1.62				.14		2.19	.29							6.60
Hope	Red				.78	.97				.60						.10		.75				.03	.04	1.13	1.00								5.40
Hot Springs	Ouachita			.18	1.04	.62				.76						.63	.16		.98					.74	.98								6.09
Index	Red				.50	1.35				.13	.50					T.	.10		.52	.51			.09	.10	.48	1.15							5.43
Jessieville	Ouachita				1.00					.70					.37	.20				2.37			.13	.25	1.37								6.39
Jonesboro	White				.01	.20				.85						.31		.02	.50			.04	.21	.02	.81								2.97
Junction	Ouachita									.52						T.			.96				.78		1.10		T.						3.36
Lambrook	White										.65						.10						.10		.15	2.40		05					3.45
Lead Hill	White	.05			.43	1.03				.27						.02	.02		.22				.10	.14	2.83								5.11
Little Rock ***	Arkansas			.05	.24	.41				.68					T.	.50			.32		T.	.11	.05	.36	.93		.04	T.			T.		3.69
Lurton	White	T.			1.50	1.25				.72						.15	.15	.05	.42			.05	.18	.50	2.31								7.28
Lutherville	Arkansas				.96	1.10				.55						.21	.8		.32			.06	.36	.20	3.07								7.01
Magnolia	Red				.31					1.77						.17	.10		.23			.06	.16	.72	.85								4.87
Malvern	Ouachita	.05			.40	1.35	.02			.11	.80					.21	.12	1.10		.50			.15	.40	.65	.75		.20					6.79
Mammoth Spg.	White			.15	.55	.53				.67									.21				.03		.97	1.68							4.79
Marianna	Mississippi			.02		.13				.68						.18	.03	.02	.60			.10	.15	.25	.72								2.88
Marked Tree	Mississippi	.31			T.	.24					.74					.63	.04			.91			.09	.19	.10	.96		.11					4.32
Marshall	White				.30	.93	T.			.72						T	.25		.45					10	3.14								5.89
Mena	Ouachita				.26	2.24			.40	.04						.20	.05	.05	.12	.22			.12	.11	1.58	1.42							6.81
Morrillton	Arkansas				.34	1.30	T.				.60					.23		.15		1.78				.13	.65	1.20							6.38
Mountain Home	White				.55	T				.50						.03	.10	.05	.10				.05	.05	4.15								5.58
Mount Ida	Ouachita				1.05	1.15										.42	.22		.67			.04		32	1.75								5.62
Newport	White	.08			.03	.27	.05				.84					.43	.02	.08	.03	.64			.10	.06	.19	.74		.11					3.67
Norman	Ouachita				1.20	1.20				.61						.40	.18	.12	.90		T.	T.	.17	.12	.20								5.10
Oden	Ouachita				T.	2.25				.51									.58						1.69								5.03
Osceola	Mississippi				.70					.78					.30									.20	.70		.10						2.78
Ozark	Arkansas				T.	1.92	T				.38					.30	.20	T	T		T.		.15	.22	1.97	1.15							6.29
Paragould	Mississippi				.04	.31				.89					.21	.11	.05	.11	.52			.15	.06	.31	.83			.15					3.74
Patterson	White					.48	25				.75					.2	.20			.26			.18	.08	.85								2.77
Piggott	Mississippi	.13			T.	.53				.90						.23	.16	.05	.83			T.	.17	.02	2.95	.05		.11					6.13
Pine Bluff	Arkansas	.30			.05	.60					.70					.15	.02	T.	.04	.55		T.	.25	.11	1.45	.73							4.95
Pocahontas	White	.05			.08	.40				.34						.25	.40	.06	1.74				.18		3.52								7.02
Portland	Ouachita	.12				.33					.63								.02	1.25		.16		.09	.23	.55							3.38
Prescott	Ouachita			.41		.19				.32					.03	.38			.63			.11		1.40	1.42								4.89
Princeton	Ouachita	.20			.55	.42		.25	.37							.26	.45	.52	.15	.20		.15	.33	.19	1.40	.15							5.59
Rison	Ouachita				.20	.55				.60									.61			.22			1.49	.79							4.46
Rogers	White	T.			.46	1.26				.38						.03	.11	T.	.22			T	.11	2.10	T.	T.							4.67
St. Francis	Mississippi	.26			T.	.23					.92					.10	.14	T.	.11	.82			T.	.26	.18	3.40		T.					6.42
Searcy	White			T.	.20	.25				1.00						.60	.20		.56				.16		1.17			.11					4.25
Springbank	Red	.05			.44	1.55				.10	.66						.14		T.	.62		.05	T.	.15	.57	.90							5.23
Story	Ouachita			T.	.30	1.90				.41						.25	.22	.02	.25			.12	.40	.30	2.03								6.20
Stuttgart	Arkansas			.07	.52					.69					.12	.01	.07		.73		.04	.10	.16	1.10	1.42						.07		5.10
Subiaco	Arkansas				1.50	.32				.33						.02	.18	.05	.18			.02	.12	.38	2.73								5.83
Texarkana	Red				1.73						.65						.20		.10	.95				.15	.70	1.13							5.61
Thornburg	Arkansas				.80	.89				.54					T.	.36	.20	.06	1.60			.06	.05	.07	1.42			.02					6.07
Waldron	Arkansas				.76	.91				.18						.29	T.		.17				.12	.28	2.76	.02							5.49
Warren	Ouachita				.40		.84			T.	.70									.69	T.	T.		.37	.77	.77							4.54
Waters	Ouachita					2.63				.43						.28	.15	.03				.66	.21	.76	1.67								6.82
Whitecliffs	Red			T.	1.50	T			.54	.22							T.		.26	.55					1.52	.67							5.26
Wilson	Mississippi			.02												.42				.72				1.15	.10								2.41
Wynne	Mississipp	.19		T.	.02	.22					.80					.45	.10		.02	1.10			.08			1.10							4.08
Yancopin	Arkansas	.30			.01	.17	.02				.45						.01			.37		.04	.15	.05	1.62	.66						.05	3.90

Daily River Stages for January, 1929

Stations	Rivers	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.8	6.5	6.3	6.8	6.8	8.7	12.6	13.8	14.2	12.6	12.0	12.7	13.8	13.8	14.6	13.8	11.6	10.8	10.2	9.8	9.4	9.2	9.0	9.6	15.3	15.8	14.6	14.2	12.7	11.2	9.4
Ozark	do	22	3.2	3.0	2.9	2.7	3.8	6.5	9.0	10.5	10.9	10.0	9.1	8.6	8.0	10.0	10.9	10.4	9.0	8.4	7.6	6.0	6.4	6.4	6.0	6.7	13.0	12.8	11.6	10.8	9.9	9.0	7.0
Dardanelle	do	20	5.8	5.8	5.4	5.3	5.5	8.3	8.3	8.8	11.7	11.9	10.8	10.2	11.0	10.6	10.5	12.8	11.9	10.2	9.0	8.2	7.7	7.6	7.5	8.3	17.4	16.5	15.2	13.7	13.0	12.2	10.9
Morrillton	do	20	3.8	3.3	3.3	3.0	3.0	6.2	7.2	8.8	10.5	10.9	10.0	9.2	8.9	10.0	10.5	10.9	11.0	9.5	8.5	7.3	6.5	6.1	5.8	5.7	14.0	15.7	14.6	13.4	12.6	11.5	10.0
Little Rock	do	23	4.3	4.0	3.6	3.4	3.3	4.2	8.0	8.7	10.6	11.9	11.8	11.0	10.0	10.2	10.9	11.1	11.8	11.5	11.0	10.1	9.2	8.5	7.6	7.2	9.0	16.0	16.0	15.1	14.4	13.5	12.2
Pine Bluff	do	25	9.5	9.3	8.9	8.5	8.3	9.3	10.4	12.4	13.7	15.2	15.8	15.4	14.7	14.4	14.6	15.2	15.4	15.7	15.2	14.8	14.1	13.1	12.8	12.4	12.2	17.7	19.8	19.1	18.1	17.6	15.9
Yancopin	do	29	22.0	21.1	20.1	19.1	18.1	17.2	16.7	17.8	19.2	20.0	21.6	21.8	21.4	21.0	20.8	21.2	21.7	22.3	22.6	22.4	22.2	21.7	21.3	21.4	21.9	24.2	27.7	29.1	29.8	30.3	30.5
Danville	Petit Jean	20	3.1	2.9	3.9	3.9	11.6	19.7	20.1	18.5	16.2	13.4	11.2	9.0	7.8	6.7	6.1	6.1	6.4	6.0	6.0	6.0	5.6	5.4	5.4	10.1	20.7	23.3	23.0	19.4	19.0	16.5	12.7

1203703

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	2.7	4.1	3.3	3.2	3.0	4.7	5.9	5.5	7.4	6.7	6.3	5.8	5.5	5.1	5.1	4.8	4.7	4.1	4.6	4.7	4.2	4.6	4.7	6.3	14.4	14.6	16.8	16.7	10.5	8.3	7.2
Calico Rock	do	23	2.0	2.0	2.7	1.8	2.0	3.2	6.6	5.3	6.0	6.2	5.8	5.4	4.9	4.6	4.4	4.2	3.9	3.8	3.5	4.1	4.0	3.1	3.9	5.0	26.7	19.9	16.5	16.9	12.5	8.9	7.5
Batesville	do	26	7.4	6.9	7.7	7.8	7.2	7.3	11.2	11.8	10.8	12.7	12.2	11.5	11.0	10.5	10.1	9.9	9.6	9.6	10.8	10.0	10.0	9.6	9.0	10.0	27.6	31.3	25.6	23.8	22.8	17.4	14.9
Newport	do	20	9.4	8.2	7.4	7.3	7.0	6.6	6.6	9.5	9.5	10.1	11.3	11.4	11.0	10.4	9.9	9.3	9.0	8.6	11.4	12.8	13.3	13.4	12.9	12.8	18.9	24.8	28.0	28.8	29.0	28.5	27.1
Georgetown	do	21	16.8	15. .	15.2	14.8	14.3	12.0	11.2	10.8	11.4	13.6	14.0	14.8	15.2	15.8	15.8	15.3	15.0	14.8	14.0	17.2	18.4	18.8	18.9	19.0	19.2	19.8	20.5	21.5	22.4	23.6	24.4
De Valls Bluff	do	34	21.0	20.7	20.2	19.7	19.0	18.3	17.6	17.1	17.0	17.6	18.0	18.5	18.9	19.1	19.1	19.1	19.0	18.8	18.7	19.0	19.6	20.0	20.2	20.4	20.7	20.9	21.1	21.4	21.8	22.3	23.2
Clarendon	do	12	25.7	25.5	25.2	24.8	24.4	23.9	23.3	22.7	22.2	22.0	22.0	22.0	22.0	22.1	22.2	22.2	22.2	22.2	22.3	22.3	22.5	22.7	23.0	23.3	23.8	24.1	24.3	24.6	24.9	25.3	25.9
Gilbert	Buffalo	14	3.8	3.7	3.7	3.6	4.0	8.5	8.0	5.5	5.0	5.9	5.4	5.0	4.9	4.8	4.7	4.7	4.7	4.6	4.8	4.7	4.7	4.6	4.6	7.5	20.8	8.5	6.8	6.6	6.4	6.3	6.1
Black Rock	Black	30	9.0	8.3	7.8	7.3	7.0	6.8	6.5	6.2	6.0	6.8	7.6	7.4	7.2	7.1	7.0	7.2	7.2	7.4	13.9	13.7	13.0	13.0	12.3	12.7	22.0	24.6	22.8	21.7	21.0	21.0	20.7
Camden	Ouachita	28	14.2	13.1	11.5	9.8	9.3	14.2	18.0	22.0	24.2	24.2	23.7	24.0	23.8	23.0	21.3	19.2	17.3	16.4	16.1	19.5	22.1	24.3	23.7	23.3	24.0	25.7	28.0	29.7	31.1	31.6	30.9
Fulton	Red	44	10.3	9.8	9.4	9.1	9.8	13.8	17.4	19.5	20.1	19.7	19.3	18.8	18.3	17.8	17.0	15.8	14.6	13.2	12.9	12.8	12.6	12.3	11.9	12.1	14.0	19.8	22.1	22.6	22.6	22.1	21.5
Helena	Mississippi	48	23.5	21.7	19.9	18.0	16.6	15.7	15.3	15.2	15.2	15.3	15.5	15.6	15.9	16.4	17.0	17.9	18.7	19.4	20.0	20.7	21.1	22.0	23.4	25.1	27.1	28.8	30.5	32.4	34.0	35.2	36.3
Arkansas City	do	48	31.2	30.1	28.9	27.3	25.7	23.9	22.5	21.6	21.5	21.9	22.5	22.9	23.1	23.1	23.2	23.6	24.3	25.0	25.9	26.5	26.9	27.3	27.7	28.7	29.7	31.0	33.3	35.0	36.5	37.7	38.6

Daily Temperatures for January, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville§§	Maximum	31	58	38	51	51	38	43	49	48	49	47	49	41	44	32	43	62	67	56	46	52	67	38	42	32	38	52	40	45	43	32	45.9
	Minimum	25	9	9	31	32	14	15	15	16	36	22	13	22	17	20	27	29	40	36	35	36	39	30	30	17	13	15	21	21	21	29	24.0
Bentonville	Maximum	20	32	49	45	41	58	40	48	54	40	39	47	37	48	31	42	57	58	59	42	51	64	34	39	26	40	42	45	47	46	30	42.9
	Minimum	11	9	27	32	10	8	21	27	35	25	19	19	29	29	24	31	41	32	31	27	34	29	24	13	8	18	24	20	26	30	12	23.4
Bee Branch	Maximum	44	31	34	40	40	36	44	45	50	50	47	47	45	42	45	36	50	60	58	53	49	66	66	42	43	38	52	49	46	43	43	46.3
	Minimum	24	10	19	29	24	12	19	21	30	35	25	17	28	19	28	26	33	47	32	33	37	42	28	29	14	15	31	23	23	31	24	26.1
Blytheville	Maximum	32	32	38	51	58	33	42	49	47	52	42	43	37	44	48	36	60	71	57	52	45	65	61	44	44	41	38	36	45	41	41	46.0
	Minimum	31	16	35	34	40	16	24	21	36	40	29	19	31	19	26	26	35	58	37	36	35	40	31	34	24	20	31	26	26	32	30	30.1
Booneville	Maximum	41	36	45	41	43	47	49	49	63	58	46	55	54	48	46	38	63	65	68	64	48	69	60	40	34	42	50	47	46	44	41	49.7
	Minimum	22	11	28	33	22	12	23	27	39	36	23	17	26	27	34	30	37	52	28	38	42	47	34	32	14	18	31	25	28	32	25	28.8
Brinkley	Maximum	44	35	37	51	57	37	47	52	52	52	47	46	47	54	57	39	65	74	62	54	47	68	61	45	45	41	53	49	48	48	46	50.3
	Minimum	30	13	20	32	29	16	21	20	20	38	27	17	29	22	29	28	36	56	34	40	40	45	34	33	21	18	34	27	24	28	31	28.8
Calico Rock§§	Maximum	29	35	48	43	45	45	43	51	54	48	44	57	39	48	32	47	64	61	56	48	53	72	36	40	32	40	50	41	45	44	31	45.8
	Minimum	24	8	9	29	34	12	13	17	19	36	22	14	18	20	20	27	30	46	34	35	35	40	27	28	14	14	14	20	19	19	25	23.3
Camden§§	Maximum	42	41	41	60	54	43	54	50	57	48	56	53	60	64	56	49	68	71	73	58	60	70	47	72	40	45	56	52	52	56	50	54.8
	Minimum	30	16	17	30	40	16	16	20	24	39	31	20	20	29	33	33	33	47	40	40	42	45	44	37	22	21	21	30	28	26	27	29.6
Center Point	Maximum	50	36	..	..	..	..	..	47	58	56	53	52	59	58	57	42	63	63	64	61	52	67	65	51	49	42	57	52	49	48	47	53.8
	Minimum	26	16	..	..	..	..	..	30	36	34	28	20	35	31	38	33	40	53	38	49	43	48	37	36	16	20	37	30	27	32	32	33.3
Conway	Maximum	43	34	38	43	43	40	46	50	52	51	49	53	59	49	46	36	61	68	59	58	48	67	64	43	43	42	53	46	48	44	43	49.0
	Minimum	26	13	22	32	26	15	21	22	35	39	26	19	26	23	31	26	36	55	32	37	40	45	33	32	17	16	33	27	26	29	31	28.7
Corning	Maximum	45	36	43	49	48	30	40	48	50	52	46	44	37	43	41	42	66	70	57	45	52	64	60	54	47	49	49	44	44	43	38	47.6
	Minimum	25	11	23	32	23	14	20	16	36	36	20	15	26	16	24	26	31	51	35	36	28	38	27	28	16	21	30	22	21	29	24	25.8
Dardanelle	Maximum	46	34	36	41	46	42	44	43	60	58	48	49	49	45	45	36	58	63	62	54	47	69	62	43	44	38	51	49	44	43	42	48.1
	Minimum	27	15	25	32	38	15	24	27	36	40	28	20	29	25	37	29	36	48	33	38	39	44	34	33	15	20	33	28	28	34	31	30.4
Dumas	Maximum	54	38	39	61	57	39	48	56	53	50	51	49	55	61	58	45	68	70	68	58	50	69	63	69	58	43	55	46	50	58	50	54.5
	Minimum	31	17	20	34	28	17	22	24	36	39	31	20	29	26	33	31	41	54	38	42	44	48	38	38	22	21	28	30	21	26	32	31.0
Dutton	Maximum	36	34	43	48	42	34	45	45	52	52	37	44	43	47	47	47	54	59	57	53	52	63	52	44	35	38	43	48	46	46	42	45.9
	Minimum	13	2	21	22	13	3	15	20	32	26	20	10	22	24	28	32	39	47	26	30	39	44	24	31	4	9	22	13	15	30	14	22.3
El Dorado	Maximum	56	45	42	65	58	43	56	49	56	55	56	52	62	65	64	52	69	71	74	65	58	70	66	74	55	45	56	52	52	61	53	58.0
	Minimum	31	19	26	39	31	18	24	27	40	41	34	23	35	34	40	35	44	58	45	46	47	52	41	40	25	23	39	32	29	30	37	35.0
Eureka Springs	Maximum	32	35	53	44	44	40	44	51	56	53	36	51	42	51	52	41	57	62	63	54	51	64	55	37	30	45	46	47	48	35	42	47.5
	Minimum	14	8	27	34	13	6	22	29	40	26	20	15	26	25	24	29	39	37	30	26	36	45	23	24	5	16	26	19	22	33	11	24.2
Fort Smith	Maximum	28	35	43	42	40	44	45	46	61	42	41	50	52	47	41	38	64	64	56	50	46	67	41	40	30	40	48	47	45	43	39	45.6
	Minimum	19	15	25	33	18	17	25	31	37	33	25	22	32	26	33	32	37	38	33	38	38	40	33	18	14	22	32	28	29	34	20	28.3
Grannis	Maximum	43	39	36	50	46	41	53	48	63	58	53	54	61	56	56	43	58	64	65	61	53	70	60	50	42	44	57	52	52	48	46	52.3
	Minimum	23	10	21	34	24	9	18	25	32	32	21	9	24	30	41	34	39	51	31	40	43	47	38	36	13	14	35	24	26	26	30	28.2
Gravette	Maximum	32	43	49	45	46	49	41	47	54	46	37	47	45	49	46	42	55	60	60	55	47	62	46	37	26	43	42	46	47	47	44	46.3
	Minimum	13	6	27	31	9	2	18	26	37	25	22	9	27	30	23	27	39	36	29	23	31	45	24	19	6	17	27	20	25	35	11	23.2
Helena	Maximum	60	35	39	65	61	39	49	54	52	53	49	45	49	61	60	44	68	73	68	62	51	71	67	70	69	40	49	47	47	53	49	54.8
	Minimum	30	15	20	35	29	17	22	25	41	35	30	17	31	25	31	30	40	56	38	42	42	46	38	37	24	21	35	28	27	33	29	31.3
Hope	Maximum	41	41	37	46	46	49	69	52	50	50	52	62	73	61	59	42	68	79	58	60	70	68	60	67	48	53	65	58	59	57	50	56.5
	Minimum	23	15	21	35	25	17	22	25	34	35	30	22	30	32	35	32	42	39	41	43	48	46	37	36	19	20	37	30	27	27	32	30.9
Hot Springs	Maximum	38	38	34	40	43	36	33	42	50	43	41	41	46	48	44	37	40	62	58	48	47	63	49	45	35	37	48	44	42	43	40	43.7
	Minimum	26	12	20	26	23	12	22	25	34	36	24	18	28	28	32	28	28	34	34	42	44	44	34	33	14	17	28	27	26	30	32	27.8
Jonesboro	Maximum	40	37	39	50	39	53	42	50	51	50	44	53	52	44	42	46	62	72	57	51	43	64	58	44	44	40	49	40	43	45	39	47.8
	Minimum	27	14	22	34	16	14	25	19	34	38	30	27	30	17	25	26	34	53	37	36	36	42	30	41	17	20	30	25	25	31	28	28.2
Lead Hill	Maximum	38	30	53	42	42	45	41	52	55	56	40	51	43	57	54	38	64	66	63	59	53	69	56	38	38	41	47	44	46	45	43	48.7
	Minimum	18	5	24	26	19	11	16	17	29	31	24	13	24	22	25	29	35	52	32	28	39	44	25	30	10	12	24	16	17	32	15	24.0
Little Rock	Maximum	39	33	39	49	52	39	46	52	54	50	48	49	48	49	51	37	65	71	60	52	46	66	49	44	31	39	50	43	47	45	42	47.9
	Minimum	23	18	26	32	20	17	28	28	39	37	27	21	30	26	29	29	37	43	36	39	40	44	33	31	18	23	35	29	28	32	27	29.8
Lurton	Maximum	35	29	39	40	40	33	41	45	49	48	40	44	43	45	45	46	55	58	52	51	51	61	37	42	27	35	42	43	44	40	38	43.2
	Minimum	14	7	20	20	9	6	26	24	33	28	17	13	25	21	24	26	32	37	29	29	37	37	22	26	6	15	26	18	20	31	15	22.4
Lutherville	Maximum	44	32	38	41	46	40	46	47	58	53	43	46	47	40	45	47	52	61	56	50	47	65	56	42	39	38	49	47	47	45	41	46.7
	Minimum	14	7	22	31	21	10	23	25	35	36	28	18	34	22	31	30	34	49	31	37	40	43	30	37	12	26	30	25	24	33	25	27.8
Magnolia	Maximum	53	42	40	60	59	43	56	50	57	53	55	54	61	65	64	45	68	70	73	61	54	70	62	73	54	44	55	51	54	62	60	57.0
	Minimum	29	17	27	38	30	18	26	28	40	39	32	23	30	35	40	34	43	52	44	47	45	50	39	38	21	22	39	32	28	31	39	34.1
Malvern	Maximum	44	33	34	4	44	38	46	46	53	53	50	50	45	50	50	38	60	60	59	58	49	62	63	47	47	39	50	50	48	48	45	48.5
	Minimum	29	15	20	33	27	15	22	25	35	36	26	20	22	21	33	30	37	55	36	42	42	46	35	34	18	18	35	28	27	23	34	29.6
Mammoth Spg	Maximum	37	36	46	46	48	50	45	46	46	46	42	45	37	41	38	47	62	60	59	51	66	56	44	21	68	56	53	51	42	29	32	47.0
	Minimum	7	22	24	34	11	15	18	34	34	21	27	33	35	18	11	16	30	31	28	31	31	41	21	18	11	17	30	29	21	11	15	23.3
Marianna	Maximum	50	33	37	59	60	46	46	50	52	51	47	45	60	60	58	41	68	73	62	59	59	68	63	68	54	41	50	50	47	50	48	53.4
	Minimum	30	17	21	35	30	20	17	24	38	38	30	20	26	25	30	30	40	57	37	40	41	46	37	35	25	22	30	28	27	33	30	31.3
Marshall	Maximum	38	33	44	41	46	38	39	50	51	52	44	49	49	50	49	41	62	63	58	58	55	68	62	52	45	38	46	46	44	43	42	48.3
	Minimum	18	8	24	32	20	10	18	24	36	32	25	16	28	22	27	26	36	52	32	33	40	45	25	30	14	16	31	19	21	31	18	26.1
Mena	Maximum	37	36	35	42	42	38	49	48	59	51	45	49	58	56	54	44	56	61	62	56	50	66	52	43	35	42	51	49	49	46	48	48.5
	Minimum	21	13	25	32	21	11	27	27	38	36	26	19	31	29	36	32	42	55	52	39	43	48	35	35	13	17	35	26	25	29	27	29.8
Mount Ida	Maximum	..	..	..	..	..	..	..	..	..	55	50	55	59	57	51	41	62	65	66	57	50	70	60	48	41	45	57	50	51	45	44	53.4
	Minimum	25	8	18	35	24	10	18	19	31	36	20	22	27	27	38	31	39	53	28	37	43	47	31	35	15	10	36	19	17	21	30	27.3
Newport	Maximum	42	35	37	49	51	38	45	50	51	51	50	46	47	41	40	35	56	70	59	55	45	65	62	43	44	41	55	46	46	45	44	47.9
	Minimum	27	14	22	33	28	13	21	19	36	38	26	18	27	20	27	28	34	54	37	36	38	42	32	31	19	19	32	25	26	30	29	28.4
Pine Bluff	Maximum	49	39	39	49	55	45	53	59	55	50	59	54	60	60	59	41	67	72	74	58	48	67	63	67	52	47	60	51	57	50	47	55.0
	Minimum	30	17	27	26	27	21	22	25	40	39	30	20	31	27	32	30	40	55	39	44	43	47	37	36	21	23	38	29	28	27	33	32.1
Portland	Maximum	59	40	43	64	60	42	54	52	57	54	53	50	59	68	64	47	70	72	73	64	61	71	70	75	70	45	56	54	51	64	54	58.6
	Minimum	35	20	21	38	34	19	20	24	38	43	37	22	29	28	51	36	43	57	45	46	49	49	48	42	29	24	39	32	28	28	39	35.1
Prescott	Maximum	59	40	42	48	39	40	49	56	58	52	54	56	60	61	59	50	68	64	59	51	70	62	64	63	57	56	53	51	54	47	63	55.0
	Minimum	30	15	26	36	29	15	24	25	30	36	31	21	29	30	44	31	39	39	38	37	38	59	40	35	19	20	36	29	26	30	34	31.3
Rison	Maximum	53	40	39	62	64	49	56	54	55	56	56	53	58	61	62	51	70	72	71	69	52	69	78	70	61	44	56	55	53	55	54	58.0
	Minimum	31	17	24	35	31	16	26	27	39	38	31	20	32	28	35	31	41	57	38	44	44	47	38	36	21	20	32	30	28	26	36	32.3
Searcy	Maximum	40	34	36	44	51	38	47	49	50	51	50	48	45	42	45	35	50	70	56	57	48	65	62	42	45	40	36	52	49	46	44	47.3
	Minimum	27	15	20	33	29	16	21	22	34	39	27	20	28	23	26	28	36	48	36	38	40	45	35	32	30	20	32	28	27	33	28	29.5
Stuttgart	Maximum	41	35	35	59	55	46	50	52	52	51	50	49	48	62	56	44	68	72	64	57	49	67	62	62	51	40	53	50	47	47	43	52.2
	Minimum	16	23	30	34	17	28	24	39	39	29	20	30	26	36	39	37	38	37	42	42	44	38	34	21	22	30	29	27	38	34	22	30.4
Texarkana	Maximum	46	43	43	49	46	52	52	58	64	50	58	60	67	68	60	48	71	66	73	64	54	68	60	66	45	48	59	58	57	65	53	57.1
	Minimum	27	16	28	33	16	26	26	37	39	35	30	22	29	37	39	34	42	54	40	45	45	49	37	37	19	20	37	30	28	31	35	33.0
Thornburg	Maximum	43	35	37	40	46	41	47	50	54	53	46	54	49	52	55	34	62	65	62	57	53	66	56	40	40	37	49	45	47	43	39	48.3
	Minimum	22	7	24	31	20	12	18	20	36	30	22	14	23	23	28	26	33	51	27	35	38	52	29	31	13	8	29	16	20	22	17	25.3
Warren	Maximum	54	41	38	61	58	43	51	51	54	54	53	51	68	67	62	41	68	71	71	70	51	68	51	69	64	44	54	54	52	57	56	56.4
	Minimum	32	32	25	37	31	18	22	27	39	41	43	35	42	43	37	33	43	58	43	46	46	49	39	39	23	22	38	32	28	29	36	35.7
Wilson	Maximum	38	34	38	53	58	34	40	49	50	48	45	38	42	50	64	61	70	68	69	62	59	65	60	39	39	42	42	40	43	46	43	49.3
	Minimum	28	15	23	33	32	15	21	21	37	38	27	17	22	18	26	29	40	42	37	36	38	39	31	31	29	19	32	27	23	30	29	28.5
Wynne	Maximum	43	34	36	52	57	37	45	50	51	49	46	45	43	48	45	37	62	70	61	53	51	52	52	51	69	35	42	52	35	46	48	48.3
	Minimum	30	13	22	34	30	15	20	23	37	38	27	21	28	21	27	27	37	51	36	35	36	38	35	30	22	17	21	26	24	25	32	38.3

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., FEBRUARY, 1929 No. 2

GENERAL SUMMARY

The weather in Arkansas during February was unusually cold, the mean temperature, 35.4°, being the lowest February mean since 1905. Daily means were almost uniformly below normal, not more than three days having a positive departure, these the latter half of the month. Monthly means ranged from 42.6° at Junction to 28.4° at Dutton, a difference of 14.2° between northwestern and southern sections of the State. Extremes ranged from 20° below zero at Lead Hill on the 10th to 76° at Portland on the 25th. Extremes occurred on approximately these dates at most stations. Of the 60 stations at which temperature records were kept, all showed negative departures for the month, 14 recorded monthly means below freezing, and 16 temperatures of zero or lower. Twenty below at Lead Hill is the lowest February temperature reported in the State since February 13, 1905, when 29° below was recorded at Pond, Newton County. The greatest daily range was 56° at Harrison on the 10th.

The average precipitation for 90 stations was 4.01 inches which is 0.96 inch above normal. Practically all stations in the mountainous sections of the State showed positive departures while negative departures occurred at numerous stations in the lowlands. Monthly totals ranged from 1.97 inches at Amity to 6.29 inches at Waldron. Snowfall was unusually heavy, the average for 69 stations being 11.5 inches, monthly totals ranging from a trace at a few southern stations to 27.5 inches at Gilbert. Some stations showed a trace or more on the ground the entire month. Most of the snow fell during the first week of the month and on the 18th, 19th, and 20th, southern stations showing the greatest fall on the 20th. Sleet and glaze were reported at numerous stations during the month, but damage therefrom was slight. The greatest precipitation for any 24-hour period was 2.90 inches at Paragould and Piggot on the 25th. The average number of days with 0.01 inch or more precipitation was 10.

Heavy precipitation the latter part of the month brought flood stages on the smaller streams of the State and moderately high stages on the Arkansas and White rivers. Some lowland was flooded, but little damage resulted. The month as a whole was unfavorable for outdoor work and but little plowing and preparation for planting was possible. The snow cover was favorable for winter grain crops and for meadows and pastures, but low temperatures damaged oats and truck crops. Fruit remained dormant.

W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--2d, 1; 5th, 1; 15th, 1; 17th, 1; 19th, 17; 24th, 3; 25th, 38; 26th, 2; 27th, 3; 28th, 2.

DENSE FOG:------3d, 1; 15th, 1; 16th, 2; 19th, 4; 21st, 2; 25th, 6; 28th, 7.

SLEET:-------------1st, 4; 2d, 13; 3d, 3; 4th, 3; 5th, 7; 6th, 2; 7th, 3; 8th, 10; 9th, 2; 13th, 2; 15th, 3; 17th, 2; 19th, 33; 20th, 20; 21st, 2; 25th, 2; 27th, 1; 28th, 1.

GLAZE:------------2d, 1; 4th, 1; 8th, 1; 9th, 1; 10th, 1; 11th, 1; 19th, 1.

SOLAR HALOS:---1st, 1; 11th, 1; 12th, 1; 14th, 1; 17th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	30.12	30.59	11	29.75	25	3,421	23	s.	23	......	......	43
Fort Smith	30.12	30.61	11	29.54	25	4,404	31	w.	25	86	74	40
Little Rock	30.12	30.61	1	29.42	25	4,912	26	s.	25	77	66	41
Memphis	30.12	30.55	1	29.51	25	4,090	42	w.	25	79	67	39

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**42.8**		**93**		**-29**		**3.35**		**11**	**6**	**11**	**7**
1891	46.5	+3.7	80	24	6	26	2.92	− 0.43	10	9	9	8
1892	49.0	+6.2	78	7	18	16	3.47	+ 0.12	11	9	9	7
1893	42.4	−0.4	74	20	2	11	4.05	+ 0.70	9	6	13	8
1894	40.5	−2.3	75	19	0	15	6.32	+ 2.94	8	7	13	8
1895	33.5	−9.3	78	28	−17	7	0.71	− 2.64	10	7	11	4
1896	45.2	+2.4	79	26	11	20	3.30	− 0.05	15	6	8	6
1897	46.6	+3.8	89	18	7	27	2.59	− 0.76	10	7	11	4
1898	45.8	+3.0	82	13	7	3	2.08	− 1.27	15	5	8	5
1899	31.8	−11.0	75	21	−25	12	2.18	− 1.17	12	6	10	6
1900	39.7	−3.1	74	8	− 5	17	5.06	+ 1.71	9	7	12	8
1901	40.8	−2.0	79	18	10	23	2.18	− 1.17	10	7	11	6
1902	35.0	−7.8	72	27	− 2	15	2.60	− 0.75	9	8	11	5
1903	41.0	−2.0	79	3	−12	17	7.63	+ 4.28	10	6	12	10
1904	44.9	+2.1	86	26	10	11	2.47	− 0.88	12	8	9	5
1905	32.3	−10.5	82	28	−29	13	2.55	− 0.80	9	6	13	7
1906	41.8	−1.0	75	23	− 7	5	2.21	− 1.15	15	5	8	6
1907	44.9	+2.1	83	10	4	6	2.77	− 0.58	12	6	10	6
1908	44.2	+1.4	78	29	0	2	5.26	+ 1.91	12	5	12	9
1909	47.3	+4.5	82	20	5	16	5.41	+ 2.06	13	6	9	8
1910	39.0	−3.8	75	8	−13	18	3.66	+ 0.31	11	6	11	7
1911	49.8	+7.0	87	1	7	22	4.31	+ 0.96	9	8	11	9
1912	37.9	−4.9	78	25	− 7	4	2.80	− 0.55	12	8	9	6
1913	41.0	−1.8	82	19	5	4	3.74	+ 0.39	11	6	11	8
1914	40.4	−2.4	79	3	− 2	7	4.23	+ 0.88	11	7	10	7
1915	45.9	+3.1	76	21	11	8	4.47	+ 1.12	11	5	12	5
1916	43.4	+0.6	82	17	6	2	1.78	− 1.57	14	4	11	5
1917	43.4	+0.6	89	26	− 4	1	1.93	− 1.42	15	5	8	4
1918	44.4	+1.6	93	27	4	1	1.17	− 2.18	12	6	10	4
1919	44.1	+1.3	80	20	−10	9	3.34	− 0.01	13	4	11	8
1920	45.0	+2.2	79	4	− 2	16	1.26	− 2.09	11	8	10	5
1921	48.3	+5.5	85	24	− 3	20	3.59	+ 0.24	15	5	8	6
1922	47.8	+5.0	84	11	10	7	4.89	+ 1.54	9	7	12	8
1923	41.9	−0.9	80	1	5	4	4.66	+ 1.31	11	4	13	8
1924	42.9	+0.1	82	14	− 7	6	2.26	− 1.09	12	4	13	7
1925	49.3	+6.5	83	21	12	2	3.37	+ 0.02	12	7	9	6
1926	48.5	+5.7	88	7	10	19	2.02	− 1.33	15	5	8	4
1927	52.1	+9.3	90	16	9	19	2.62	− 0.73	10	7	11	8
1928	45.0	+2.2	79	5	10	17	2.23	− 1.12	12	6	11	7
1929	35.4	−7.4	76	25	−20	10	4.01	+ 0.66	9	4	15	10

Corrections: January, 1929

Osceola:-Number clear days should be 16, cloudy, 12.

Climatological Data for February, 1929

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	705	34	37.4	−5.6	67	25	13	10	35	1.97	−1.80	0.80	5.0	8	8	2	18	n.	G. C. Thrash
Arkadelphia	Clark	250	33	...	...	...	...	...	...	...	4.00	−0.47	0.88	1.4	11	11	3	14	n.	W. K. Brown
Arkansas City	Desha	145	45	...	...	...	...	...	...	...	5.88	−1.38	2.25	0.0	11	12	0	16	...	Grady F. Jones
Arlberg	Stone	700	7	...	...	...	...	...	...	...	4.72	...	2.80	17.0	10	7	7	14	se.	J. D. Reeves
Batesville	Independence	277	30	31.5	−8.9	65	25	4	11†	37	3.23	−0.19	0.68	10.0	12	13	1	14	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	32.8	−9.3	64	25	0	10	35	2.83	−0.80	1.22	13.0	9	7	6	15	n.	J. E. Scanlan
Bentonville	Benton	1303	24	28.7	−9.8	58	17	−8	10	37	2.90	+0.38	0.93	16.0	9	11	2	15	n.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	...	...	...	...	...	...	...	3.37	−0.24	0.89	13.7	13	12	0	16	ne.	Vernon C. Howe
Blytheville	Mississippi	252	4	35.4	...	63	26	9	10	29	3.98	...	1.36	12.8	12	12	2	14	ne.	W. Ebner
Booneville	Logan	465	15	33.3	−13.3	63	17	−3	10	37	3.85	+1.78	1.44	11.6	11	9	3	16	w.	F. H. Randolph
Brinkley	Monroe	205	42	36.0	−7.0	68	25	14	10	50	4.50	+0.54	1.56	3.5	11	6	3	14	ne.	R. J. Torry
Calico Rock	Izard	361	25	30.0	−11.2	58	25	−9	10	40	4.00	+1.58	1.36	11.5	10	5	11	12	nw.	W. J. Copp
Camden	Ouachita	158	44	38.5	−8.5	73	25	18	9†	45	3.55	−0.45	0.80	T.	12	10	1	17	n.	A. B. Quarterman
Center Point	Howard	470	30	39.1	−7.1	68	25	14	10	32	3.97	+0.75	0.86	3.0	11	9	1	18	ne.	John C. Floyd
Clarendon	Monroe	200	25	...	...	...	...	...	...	...	3.48	−0.31	0.80	2.0	13	10	1	17	n.	J. W. Bishop
Clinton	Van Buren	516	8	...	...	...	...	...	...	...	5.29	...	2.62	9.6	12	9	5	14	n.	A. L. Stephens
Conway	Faulkner	309	46	35.6	−7.7	67	25	8	10	32	4.59	+0.93	1.62	12.5	8	10	6	12	n.	E. E. Cordrey
Corning	Clay	293	36	32.4	−5.3	62	25†	0	10	33	4.59	+1.08	1.19	12.2	6	9	5	14	w.	Winfred D. Polk
Corning (river)	Clay	280	5	...	...	...	...	...	...	...	3.75	...	1.35	8.3	10	8	8	12	...	Henry Stafford
Cotter	Marion	408	2	...	...	...	...	...	...	...	5.51	...	1.54	16.4	12	5	8	15	se.	J. O. Linck
Crossett	Ashley	175	14	40.9	−5.8	74	25	18	12	45	4.39	+1.41	1.52	0.0	11	5	7	16	ne.	A. E. Wackerman
Danville	Yell	527	13	...	...	...	...	...	...	...	4.22	+2.26	2.13	9.8	6	9	3	16	e.	C. G. Hudson
Dardanelle	Yell	330	43	35.2	−8.4	63	17	2	10	35	4.72	+1.69	1.12	10.5	9	8	9	11	ne.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	2	...	...	...	...	...	...	...	2.73	...	0.91	3.4	10	14	0	14	...	H. G. Pate
Dumas	Desha	162	23	38.8	−10.5	69	25	18	10†	35	4.49	+0.44	1.49	0.0	10	7	5	16	n.	Ben Johnson
Dutton	Madison	1590	26	28.4	−9.5	55	17	−16	10	47	3.40	+0.48	1.28	22.0	11	8	5	15	s.	J. M. Ricketts
El Dorado	Union	270	28	42.2	−5.4	74	25	20	10	32	5.77	+2.43	2.58	0.0	12	8	3	17	n.	J. J. Babb
England	Lonoke	229	22	37.8^{a}	−8.2	69^{a}	25	15^{a}	10	31^{a}	3.45	−0.73	1.36	3.0	13	9^{a}	3^{a}	15^{a}	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	30.8	−9.0	59	17	−4	9	35	2.57	−0.07	0.74	14.5	9	7	5	16	nw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	30.4	−8.9	58	17	−13	10	41	3.68	+1.14	1.23	12.8	12	5	7	16	n.	University of Arkansas
Fort Smith	Sebastian	457	48	32.6	−10.2	63	17	3	10	32	2.66	+0.10	0.61	11.2	13	10	2	16	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	5	...	...	...	...	...	...	...	4.26	...	1.46	21.5	11	11	2	15	ne.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	...	...	...	...	...	...	...	3.65	+0.64	1.16	1.8	8	9	4	15	...	T. J. Logan
Georgetown	White	200	17	...	...	...	...	...	...	...	2.60	−0.68	1.07	11.0	8	10	2	16	...	W. R. Owens
Gilbert	Searcy	675	6	...	...	...	...	...	...	..	3.79	...	0.88	27.5	12	9	4	15	...	Ben F. Battenfield
Grannis	Polk	900	10	35.6	...	65	25	10	10	36	5.18	...	1.78	4.0	14	10	3	15	ne.	W. E. McVay
Gravette	Benton	1250	32	29.1	−8.7	57	17	−16	10	46	2.92	+1.08	1.12	13.2	9	10	5	13	ne.	A. F. Stevens
Harrison	Boone	1052	28	31.1	−6.6	62	17	−17	10	56	2.62	+0.02	0.76	17.0	..	10	2	16	e.	G. L Wright
Helena	Phillips	250	57	38.7	−4.9	69	25	16	11	30	4.30	−0.41	1.64	6.8	10	10	0	18	n.	James A. Burnett
Higden	Cleburne	415	11	...	...	...	...	...	...	...	3.27	...	1.49	8.2	10	8	7	13	n.	Geo. W. Baker
Hope	Hempstead	377	58	40.2	−7.4	69	25†	17	10	37	3.61	−0.38	0.90	1.0	11	10	3	15	ne.	N. P. O'Neal
Hot Springs	Garland	600	38	42.0	−4.8	70	25	19	8	30	2.00	−1.62	0.85	7.5	3	9	10	9	...	G. C. Bolton
Index‡‡	Little River	275	4	...	...	...	...	...	...	...	3.51	...	1.92	1.0	11	7	1	20	...	H. G. Sanderson‖
Jessieville	Garland	750	3	...	...	...	...	...	...	...	3.66	...	1.02	10.5	8	6	9	13	...	U. S. Forest Service
Jonesboro	Craighead	345	34	34.0	7.5	64	25	9	9	31	3.63	−0.23	1.79	13.8	11	14	2	12	ne.	Benedictine Sisters
Junction‡‡	Union	182	35	42.6	−4.5	70	19†	18	11	38	4.27	+0.85	1.08	T.	8	7	5	16	n.	J. A. Lowderback
Lambrook	Phillips	155	6	37.0	...	70	25	18	11†	42	4.48	...	1.25	0.4	7	12	1	15	s.	Mrs. D. C. White
Lead Hill	Boone	650	2	30.4	...	60	17	−20	10	53	2.16	...	0.77	11.0	7	10	2	16	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	50	36.6	−8.3	69	25	13	10	26	2.38	−1.46	0.61	6.9	12	8	6	14	n	U. S. Weather Bureau
Lurton††	Newton	2100	4	28.6^{a}	...	56^{a}	25	1^{a}	10	30^{a}	4.70	..	2.20	25.0	11	13	0	15	n.	I. C. Sutton
Lutherville‡‡	Johnson	775	31	32.6	−8.4	61	17	1	10	33	5.02	+1.95	2.34	21.4	10	10	2	16	e.	H. G. Lenhardt
Magnolia	Columbus	315	10	41.9	...	73	25	20	10†	36	3.35	...	0.55	0.0	8	9	2	17	ne.	State Agri. School
Malvern	Hot Springs	277	42	36.5	−10.4	64	26	15	11	34	5.05	+1.53	0.85	5.0	13	9	4	15	e.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	24	32.9	−6.5	66	24	−9	10	37	4.00	+1.36	0.97	17.4	8	11	1	16	n.	L. G Humphrey
Marianna	Lee	235	17	37.6	−5.8	69	25	18	10	37	4.00	+0.08	0.80	3.5	11	16	7	5	n.	C. N. Houck
Marked Tree	Poinsett	229	24	34.0	−10.4	67	24	10	9	36	6.24	+2.78	2.50	10.3	11	13	2	13	s.	Charles Walton
Marshall	Searcy	1070	15	31.8	−11.9	61	25	−13	10	41	3.90	+1.68	1.76	16.3	11	10	2	16	ne.	A. J. Parks
Mena	Polk	1185	41	34.0	−9.6	61	25	6	10	28	6.00	+2.79	1.47	8.5	13	10	3	15	ne.	E. W. St. John
Morrilton	Conway	347	8	31.4	...	63	25	9	10	31	2.61	...	0.53	11.5	8	11	1	16	ne.	John Cook
Mountain Home	Baxter	800	15	30.8	−9.9	60	17	1	11	41	6.00	+3.62	2.50	12.0	7	9	4	15	e.	B. S. Halbert
Mount Ida	Montgomery	650	30	34.6	−11.2	67	25	6	10	40	4.14	+0.62	1.30	9.0	9	9	1	18	ne.	G. A Whittington
Newport	Jackson	231	45	35.1	−5.4	66	25	6	10	85	3.29	−0.33	0.70	13.8	14	8	7	13	s.	A. C. Wilkerson
Norman	Montgomery	760	2	...	...	...	...	...	...	...	4.65	...	1.50	9.5	8	7	6	15	...	U. S. Forest Service
Oden	Montgomery	800	3	...	...	...	...	...	...	...	5.58	...	1.75	11.0	9	9	4	15	nw.	U. S. Forest Service
Osceola	Mississippi	240	31	35.4	−6.9	65	23	11	9	31	2.73	−0.99	1.10	10.3	6	13	0	15	n.	June Thomason
Ozark	Franklin	396	33	31.9^{b}	−11.0	63	17	0^{b}	10†	30^{b}	3.15	+0.60	0.60	9.0	8	8^{a}	3^{a}	16^{a}	e.	Isham Burrow
Paragould	Greene	301	3	...	...	...	...	...	...	...	5.34	...	2.90	18.5	9	10	5	13	ne.	W. R. Heagler
Patterson	Woodruff	196	13	...	...	...	...	...	...	...	4.89	+1.90	1.60	10.0	10	11	2	15	n.	W. E. Baker
Piggott	Clay	397	5	...	...	...	...	...	...	...	5.05	...	2.90	12.0	15	9	5	14	ne.	V. C. Wright
Pine Bluff	Jefferson	215	42	40.4	−5.0	72	18†	17	10	40	3.77	−0.23	0.75	2.0	11	12	0	16	n.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	33.6	−6.8	62	25†	4	10	33	3.04	−0.23	1.25	9.1	9	9	5	14	n.	Benedictine Sisters
Portland	Ashley	122	23	42.2	−6.3	76	25	19	11†	37	4.07	−0.22	1.11	1.0	10	6	7	15	n.	W. E. Edmiston
Prescott	Nevada	329	41	41.6	−4.7	73	26	17	10	38	2.65	−0.87	0.82	1.5	9	11	0	17	n.	C. D. Calhoun
Princeton	Dallas	237	23	...	...	...	...	...	...	...	3.55	−0.29	1.25	2.0	7	8	5	15	...	Mrs. F. P. Coleman
Rison	Cleveland	243	28	41.8	−2.6	72	25	18	10	38	4.17	+1.03	1.60	1.0	8	7	5	16	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	29.8	−8.5	59	17	−14	10	44	2.45	+0.57	0.90	16.3	9	10	2	16	nw.	Carl A. Starck
St. Francis	Clay	290	2	...	...	...	...	...	...	...	4.78	...	2.65	9.1	9	14	0	14	...	S. T. Rooney
Searcy	White	236	20	...	...	...	...	...	...	...	...	...	...		..	..	..	..	...	J. T. Bell
Springbank‡‡	Miller	240	22	...	...	...	...	...	...	...	3.46	−0.21	0.76	T.	10	10	0	18	...	Miss Grace Field
Story	Montgomery	700	6	...	...	...	...	...	...	...	5.21	...	1.90	14.7	11	10	2	16	ne.	S. C. Story
Stuttgart	Arkansas	228	42	38.8	−5.4	69	25	17	9	36	4.44	+0.83	1.14	6.6	10	11	4	13	n.	Adam F. Buerkle
Subiaco	Logan	1050	32	33.4	−9.0	65	17	3	10	39	4.60	+1.91	1.85	15.7	11	12	0	16	s.	New Subiaco Abbey
Texarkana	Miller	332	43	40.9	−6.9	70	25	18	10	35	3.76	+0.82	1.70	T.	8	8	4	16	n.	H. S. Brashear
Thornburg	Perry	650	5	32.2	...	69	25	−3	10	46	4.56	...	1.76	10.5	8	9	2	17	nw.	Edward E. Holmes
Waldron	Scott	675	10	...	...	...	...	...	...	...	6.29	...	2.82	19.9	11	10	0	18	ne.	Dr. Cheves Bevill
Warren	Bradley	206	35	40.5	−5.1	72	25	19	10	32	4.50	+0.22	1.75	0.0	9	11	8	9	sw.	Miss Evelyn Hoyle
Waters	Montgomery	860	5	...	...	...	...	...	...	...	5.53	...	1.88	9.5	6	7	5	16	nw.	J. R. Huddleston
Whitecliffs	Little River	290	25	...	...	...	...	...	...	...	3.98	+0.96	1.36	2.0	8	8	1	19	e.	Nannie O. Schirmer
Wilson	Mississippi	237	4	34.8	..	66	26	11	10	31	3.57	...	1.20	10.0	6	14	7	7	n.	M. W. H. Collins
Wynne	Cross	250	21	35.4	−8.4	69	25	12	10	33	4.49	+0.95	1.50	7.5	7	8	2	18	n.	R. T. Cobb
Yancopin	Desha	167	5	...	...	...	...	...	...	...	4.63	...	1.34	0.0	12	10	0	18	...	W. E. Barton
State Means	and Extremes			35.4	−7.4	76	25	−20	10	56	4.01	+0.66	2.90	11.5	10	9	4	15	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Index, Route A, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for February, 1929

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita					.25	.13	.12	.15	.15						.17				.20	.80												1.97
Arkadelphia	Ouachita		.06				.42		.06	.88				T.		.73				.06	.30	.65				.51	.25		.08				4.00
Arkansas City	Mississippi			.05			.09		.03	.53	T.					.34	.38				.03		.95			1.05	2.25		.18				5.88
Arlberg	White		.10				.21	.26	.38							.08				.41	.30					2.80		.05	.13				4.72
Batesville	White		T.	.01	.20	.04	.10		.09	.26							.18			T.	.43	.60		T.		.58	.68		.06				3.23
Bee Branch	Arkansas						.10	.05	.30	.30						.05					.40	.20				1.22		T.	.21				2.83
Bentonville ***	Arkansas		.25	T.	.02	.08		.38	.80					T.		T.			.10	.34	T.		T.		.38	.55			T.				2.90
Black Rock	White			.26	.05	.01	.03		.16	.41							.11			.09	.41	.44	T.			.47	.89		.04				3.37
Blytheville	Mississippi		.12	.06	.08	.01		.05	.32							.22				.63	.50				.61	1.36		.02					3.98
Booneville	Arkansas		.13		.02	.45		.25	.42							.06				.25	.33					1.44		.28	.22				3.85
Brinkley	White				T.		.26		.05	.78						.12	.18			.02	.22	.68				.53	1.56		.10				4.50
Calico Rock	White			.46	T.		.06		.30	.42						T.	T.			.30	.43	.25	T.			.28	1.36		.14				4.00
Camden	Ouachita		.10	.11			.23		.13	.80						.59	.10				.31	.62				.22	.26		.08				3.55
Center Point	Red		.17			.35	.03	.33	.74	.03						.39				.25	.80	T.			T.	.86		.02	T.				3.97
Clarendon	White			T.	.01	.01	.30		.08	.80						.12	22			.01	.15	.55				.35	78		.10				3.48
Clinton	White				.05	.10	.16	.17	.43					.28		.02				.64	.40		.27			2.62			.15				5.29
Conway	Arkansas						.19	.16	.85							.14				.53	.92					1.62			.18				4.59
Corning	White			.54						.83											.89	.98	T.				1.19		.16				4.59
Corning (river)	White			.07	.15	T.			.09	.40										.32	.37	.45	T.			.47	1.35		.08				3.75
Cotter	White	.14	T.	.14	T.	T.	.10	.20	.45	1.28						T.	T.			.77	.34	.13	T.			.14	1.54		.28				5.51
Crossett	Ouachita		.07				.09		.08	.62						.07	.12				.12	.74				.76	1.52		.20				4.39
Dam No. 1	White																																
Danville	Arkansas		T.				.18		.54	.47				.06						T.		.84				2.13			T.				4.22
Dardanelle	Arkansas		T.	T.		.05			.80	.51				1.04		.04	T.			T.		31				.76	1.12		.09				4.72
De Valls Bluff	White						.24		.05	.59						.15	.16			T.	.11	.10				.37	.91		.05				2.73
Dumas	Mississippi		.10			T.	.10	T.		.72				.08		.65				.25	.65					1 49	.35	.10					4.49
Dutton	White		31	T.	T.	.07	.20	.48	.26							T.				.19	.06				.01	1.28		.22	.32				3.40
El Dorado	Ouachita		.23		.02		.35		.13	.52						.21	.07				.26	.95				.40	2.58		.05				5 77
England	Arkansas		.02	.01	T	.01	.32	.01		.25						.50				.23	.50	.17				1.36		.03	.04				3.45
Eureka Springs	White		.39				.15	.31	43							T.				.39			.04			.74	.05		.07				2.57
Fayetteville	White		.28	02	T.	.01		.68	1.23					T.		.02	.01			68	.03				.02	.56			.14				3.68
Fort Smith ***	Arkansas	.03	.18	T.	.01	.24	T.	.29	.28						T.	.01				.18	.08	T.			.08	.61		.25	.42				2.66
Freeman Sprgs.	Arkansas		T.	T.	.05		.24		.27	.65						T.	.04			.18	.08	.29				.79	1.46		.21				4.26
Fulton	Red		T.	T.			.20	T.	.25	1.16						.88	T.			T.	.30	.85				.23	.28		T.				3.65
Georgetown	White				T.		.10	.10		.12						.10	T.			T.	.13	.80				.18	1.07		T.				2.60
Gilbert	White	.12	.03			.13		.27	.48							T.			70	.10	.17	T.			.60	.88		.30	.01				3.79
Grannis	Red		.02			.56	T.	.42	.98						.02	.11			.42	.12	.61	.02			.04	1.78	04	.04	T.				5.18
Gravette	Arkansas		.35		T.		.05	.25	.71							T.				.35		.02	.02			1.12			.05				2.92
Harrison	White		.74				*	*	*	.66										*	*	.39	T.			.76			.07				2.62
Helena	Mississippi						.20		.06	.18						.08	.48				30	.40				.86	1.64		.10				4.30
Higden	White		.03				.12	.06	.34	.09						.14				.43	39					1.49			.18				3.27
Hope	Red		.07			.36	.05	.08	.90	.14						.30				.23	60					.78		10					3.61
Hot Springs	Ouachita				T.	T.		.50													.65				.85				T.				2.00
Index	Red		.25		.15		.14		.14	1.02						.42					.25	.70				.21	.21		02				3.51
Jessieville	Ouachita					.25		.20	.39							.72				.25	.80					1.02		.03					3.66
Jonesboro	White		.15				.02		.02	.02						.07				.50	.40	.42				1.79	.19	T.	.05				3.63
Junction	Ouachita				22				.98				T.		T.	.30				.27	1.08				.30	.94		T.	.18				4 27
Lambrook	White						.08			.70							.75					.40				1.25	1.25		.05				4.48
Lead Hill	White		.22	T.	T	T.	.08	.12	.43							T				.51	.03		T.		T.	.77		T	T				2.16
Little Rock ***	Arkansas		T.		.01	.10	.02	.20	.42						.01	.28				.13	.55				.21	.40		.03	.02				2.38
Lurton	White		.25			.15		.27	.65							.03				.45	.14	.08				2.20		.20	.28				4.70
Lutherville	Arkansas		T.		.03	.15		.14	1.10							.05			T.	.29	.35					2.34		.19	38				5.02
Magnolia	Red		.36			.22	.45		.50	.13										.55	.55					.80							3.36
Malvern	Ouachita				.04		.40		.20	.80						.65	12		.15	.20	.25	.80				.85	.50		.07				5.03
Mammoth Spg.	White		.36				.09		.27	.91											.40	.17				.97	.83	T.					4 00
Marianna	Mississippi				.25		.25		.16	.60						.41	.02			.05	.30	.50				.80	.66						4.00
Marked Tree	Mississippi		.05		.04		.07		.04	.58		T.					.22				.53	1.86				.32	2.50		.03				6.24
Marshall	White		.15		T.		.10	.21	.42	.02						T.			T.	.61	.20	.05	T.			1.76		.22	.16				3.90
Mena	Ouachita		.05	.06	.05	T	.49	T.	.42	1.08							.02			.05	.57	.41				1.47	1.25		.08				6.00
Morrillton	Arkansas			T.	T.	.12	T.	.34	.53							.09				.30	.45					.50	.31						2.64
Mountain Home	White		.25					.05	75											2.00	.15					2.50			.30				6.00
Mount Ida	Ouachita		T			.28	.16	.28	.18							.20				.57	.57					1.30		.60					4.14
Newport	White		T.	.03	.02	05	.12		.07	.53							.23			.02	.44	.46		.01		.56	.70		.05				3.29
Norman	Ouachita	T.				.10	.20	.25	.60							.20				.40	1.40					1.50							4.65
Oden	Ouachita					.10	.21	.25	1.09							.21				.41	1.41					1.75		.15					5.58
Osceola	Mississippi		T.	T.		.02			T.							.01		.30	.95				.35	1.10		T.							2.73
Ozark	Arkansas		T.				50	T.	.20	.32						T.				T.	.48	.25				.50	.60		.30				3.15
Paragould	Mississippi		.40		.42			.09	.25							.10		.20			.90					2.90			.08				5.34
Patterson	White								.26	.26	.10					.08	.15				.13	1.60	.25			1.25	.81						4 89
Piggott	Mississippi		.06		.21		.01	T.	.20	.27						.06	.02			62	.24	.24	.01			2.90	.13	.02	.06				5 05
Pine Bluff	Arkansas		T.	.05			17		.04	.75						.32	.28				.30	.65				.33	.75		.13				3.77
Pocahontas	White		.18		.10				.22	.38						.05				.40	.43		.03			1.25							3.04
Portland	Ouachita		T.	.09			.20		.08	.58						.44					.26	1.11				.25	1.01		.05				4.07
Prescott	Ouachita		T			.18		.22	.82						.03	.34						.28			.59			.08	.11				2.65
Princeton	Ouachita												.50	.24		1.25	.19				.20					1.02	.15						3.55
Rison	Ouachita						.25			.85						.65	.12				.25	.40					1.60	.05					4.17
Rogers	White		.25		.02	T.	.05	.30	.45							T.				.38	.05		.05		T.	.90			T.				2.45
St. Francis	Mississippi			.10	.05				T.	.30							.24			.01	.10	.35				.98	2.65		T.				4.78
Searcy	White		T.				.10																										
Springbank	Red		.15	.15	T.	T.	.25		23	.76						.30	T.				.20	.85				.52	.55		T.				3.46
Story	Ouachita	.02	.05				.20	.42	.70							.08				.09	1.40				.05	1.90			.30				5.21
Stuttgart	Arkansas					.33		.11	.82						.48	.30					.53				.35	1.14		.15	.23				4.44
Subiaco	Arkansas		.05		.01	.30	T.	.40	.50							.02	T.		T.	.37	.30				T.	1.85		.25	.55				4.60
Texarkana	Red					.10	.31	.26	1.13								.15				T.	.10	.11			1.70							3.76
Thornburg	Arkansas		T.			T	.35			1.76						.20	T.		T.	.05	.62	.91				.60		T.	.07				4.55
Waldron	Arkansas		.14		.02	.50	T.	.30	.81							.34				.27	.77				T.	2 82		.11	.21				6.29
Warren	Ouachita		T.			.25		T.		.24					T.	.41	.13				.27	.55				.75	1.75	.15					4.50
Waters	Ouachita					.56			1.09											.93	.97					1.88			.10				5.63
Whitecliffs	Red		T.	T.			.54		.48	.94											.39	.15				1.36	.10		.02				3.98
Wilson	Mississippi			.20				.32		.75							.30				.80						1.20						3.57
Wynne	Mississipp		T.	T.			T.	T.			.70					.01				.03	.75	1.00			1.50	.50			T.				4.49
Yancopin	Arkansas		T.	.02			.07	T.	.02	.63					.03	.37	.02				.24	.72				1.03	1.34		.14				4.63

Daily River Stages for February, 1929

Stations	Rivers	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.7	8 4	7.8	7.8	7.3	7.2	7.4	7.8	8.2	6.8	7.0	7.0	6.6	6.4	7.7	7.6	6.8	8.4	8.8	8.7	8.4	8.0	7.7	7.4	7.4	9.2	10.7	11 7			
Ozark	do	22	6.3	5.5	5.0	4.5	3.9	3.8	4.3	4.5	4.0	3.0	3.0	2.6	2.4	2.2	3.4	3.4	3.8	4.2	4.4	5.2	5.5	5.7	4.9	4.7	4.4	5.6	7.0	7.9			
Dardanelle	do	20	8.0	7.2	6.9	6.5	6 2	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.0	5.0	4.8	6.6	6.5	6.5	6.5	7.8	7.8	7.5	7.0	6.2	6.1	11.4	9.8	9.8			
Morrillton	do	20	8.4	7.0	6.2	5.4	5.0	4.4	4 3	4 3	4.4	4.5	4.3	3.6	3.2	3.3	3.6	4.3	4.6	4.7	4.9	5.4	5.8	5.6	5.4	5.8	5.0	9.0	9.4	9.2			
Little Rock	do	23	10.6	9.3	8.8	7.0	6.2	5.5	5.1	5.0	5.1	5.3	5.3	5.1	4.5	4.2	4 2	4.8	5.4	5 8	5.8	6.0	6.6	6.7	6.5	6.5	6.7	7.6	11.7	11.4			
Pine Bluff	do	25	15.7	14.6	13.2	12.3	11.7	11.1	10.7	10.1	10.4	10.4	10.5	10.4	10.0	9.5	9.2	9.5	9.9	10.5	10.7	10.7	11.1	11.5	11.7	11.5	11.5	11.9	14.7	15.7			
Yancopin	do	29	30.6	30.5	30.5	30.0	30.6	30.8	31.0	31.2	31.5	31.6	31 6	31.4	30.8	29.7	28.2	26.7	25.3	24.3	23.6	22.8	22.2	21.8	21.3	20.9	20.5	20.4	20.5	23.0			
Danville	Petit Jean	20	9.0	7 4	7.2	6.0	5.9	6.1	7.1	8.9	9.7	9.8	7.2	6.8	7.1	9.8	10.4	11.2	11.2	11.1	11.0	11.8	11.6	11.4	11.8	11.6	12.6	21.5	23.0	22.5			

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	6.5	6.0	5.7	5.3	5.1	4.9	4.1	3.8	4.4	4.8	4.6	4.1	4.1	3.9	3.5	3.6	3.8	3.7	3.6	4.5	4.9	4.9	5.0	5.0	5.1	8.4	10.8	10.7			
Calico Rock	do	23	6.6	5.9	5.4	5.0	4.7	4.5	4.2	3.9	3.7	4.0	4.0	3.9	2.9	3.3	3.4	3.1	3.1	3.2	3.0	3.8	4.2	4.4	4.5	4.8	5.1	14.3	13.8	12.1			
Batesville	do	26	13.5	12.4	11.7	11.2	10.7	10.4	10.1	9.6	9.6	9.4	9.6	9.3	9.2	8.5	8.8	8.7	8.7	8.8	8.7	8.6	9.6	9.9	10.1	10.5	11.0	20.6	22.1	20.3			
Newport	do	20	25.6	24.3	23.1	22.1	21.2	20.4	19.7	19.0	18.4	17.5	16.9	16.4	15.6	14.5	12.9	11.9	10.8	10.0	9.5	9.0	9.0	9.3	9.6	10.6	10.6	15.8	21.2	23.2			
Georgetown	do	21	24.8	24.8	24.5	24.1	23.8	23.1	22.8	22.3	22.0	21.7	21.2	20.9	20.3	20.0	19.8	19.6	19.2	18.8	18.2	17.5	16.7	15.8	15.4	15.4	15.5	16.6	17.5	19.4			
De Valls Bluff	do	34	24.1	24.8	25.1	25.8	25.2	25.0	24.7	24.4	24.1	23.8	23.3	23.0	22.7	22.5	22.2	22.0	21.8	21.6	21.3	21.0	20.7	20.3	19.9	19.7	19.5	20.0	20.5	20.9			
Clarendon	do	12	26.8	27.6	28.3	28.8	29.1	29.2	29.2	29.1	29.0	28.8	28.5	28.2	28.0	27.7	27.4	27.2	27.0	26.7	26.4	26.1	25.7	25.3	24.9	24.5	24.2	24.2	24.2	24.3			
Gilbert	Buffalo	14	5.8	5.4	5.0	4.8	4.6	4.5	4.4	4.4	4.3	4.3	4.3	4.4	4.9	4.7	4.4	4.3	4.2	4.1	4.6	6.8	6.4	6.0	5.4	5.0	5.3	7.7	6.4	7.8			
Black Rock	Black	30	20.7	20.6	20.6	20.4	20.0	19.3	18.2	17.3	17.0	15.6	14.2	13.0	11.8	10.8	9.8	9.0	8.4	8.0	7.9	7.9	7.8	7.5	7.4	7.7	7.9	16.0	21.0	20.0			
Camden	Ouachita	28	29.4	27.1	24.0	21.3	18.9	16.7	16.0	15.5	15.0	16.7	18.7	19.3	19.0	18.4	17.0	15.9	17.0	18.0	17.9	16.9	16.3	16.4	17.3	18.4	19.6	20.8	23.2	26.0			
Fulton	Red	44	20.4	19.5	18.3	17.2	15.8	14.3	12.9	12.1	12.5	13.9	14.6	14.6	14.0	13.3	12.6	12.4	12.6	12.8	12.8	12.6	12.4	12.3	12.6	12.9	13.3	14.0	17.5	20.0			
Helena	Mississippi	48	36.9	37.7	38.5	39.1	39.7	40.2	40.6	40.7	40.4	39.6	38.0	35.4	31.9	28.2	25.4	23.1	21.6	20.6	20.0	19.5	19.1	18.6	18.0	17.5	17.0	17.1	18.3	20.4			
Arkansas City	do	48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....			

Daily Temperatures for February, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	40	40	39	41	39	40	41	38	34	38	40	48	53	48	46	56	62	59	57	50	42	49	56	57	67	61	60	55				48.4
	Minimum	20	21	28	31	34	32	34	27	15	13	19	18	24	34	35	26	27	32	26	21	22	24	21	32	32	32	32	30				26.5
Batesville§§	Maximum	37	29	33	36	36	45	41	35	25	31	34	40	43	41	41	52	57	48	30	26	48	45	49	58	65	58	43	39				41.6
	Minimum	17	17	25	28	31	28	26	31	15	6	4	4	8	15	16	19	20	30	29	18	18	18	15	24	43	38	27	28				21.4
Bentonville	Maximum	33	29	32	34	33	35	30	18	18	29	28	39	33	42	37	47	58	40	24	27	47	43	50	48	52	46	43	38				36.9
	Minimum	14	24	24	29	29	29	18	9	-2	-8	6	13	18	11	27	20	28	24	11	14	23	21	28	38	34	31	31	29				20.5
Bee Branch	Maximum	35	34	32	38	38	45	42	35	27	31	40	39	46	42	41	50	58	56	46	22	38	50	50	53	64	62	58	41				43.3
	Minimum	16	25	25	28	30	29	31	22	10	0	6	5	23	19	32	21	23	32	18	17	18	17	16	26	45	32	35	26				22.4
Blytheville	Maximum	31	30	32	34	34	46	46	43	35	26	30	43	47	45	42	49	57	51	43	22	41	40	49	60	62	63	54	48				43.0
	Minimum	17	25	27	30	29	32	32	34	18	9	16	17	29	25	34	28	31	34	29	19	21	24	24	31	50	44	35	34				27.8
Booneville	Maximum	35	33	34	37	38	39	36	32	22	33	37	42	43	39	38	56	63	60	46	24	43	51	56	52	55	55	49	37				42.3
	Minimum	20	26	28	31	32	28	32	16	7	-3	8	9	26	18	34	22	26	35	21	21	23	21	21	36	47	32	32	32				24.3
Brinkley	Maximum	37	33	37	38	38	47	47	45	34	30	36	45	50	45	46	51	59	61	53	26	43	43	53	62	68	63	52	50				46.1
	Minimum	19	25	29	31	33	31	28	33	19	14	16	17	23	23	34	30	28	31	24	20	18	25	21	30	18	42	37	30				26.0
Calico Rock§§	Maximum	35	29	31	36	37	43	38	31	26	30	34	42	40	44	40	56	59	43	30	24	51	46	54	57	58	55	42	39				41.1
	Minimum	15	15	24	26	30	26	26	30	12	-9	-4	3	3	14	14	22	19	25	25	17	18	23	18	19	31	37	28	24				19.0
Camden§§	Maximum	43	35	44	43	41	42	47	41	32	38	43	51	51	48	43	56	63	69	58	32	39	54	57	67	73	65	46	57				49.2
	Minimum	25	25	30	34	34	35	35	37	25	18	18	18	18	25	25	31	26	28	34	24	24	30	21	22	32	36	38	29				27.8
Center Point	Maximum	38	38	38	40	40	38	41	37	32	40	44	47	56	52	42	54	61	62	58	38	38	52	54	56	68	65	58	58				48.0
	Minimum	24	28	28	33	35	31	34	32	19	14	17	23	34	29	36	26	36	42	32	22	25	25	28	36	51	33	40	34				30.2
Conway	Maximum	38	36	37	40	40	47	42	35	36	30	38	42	52	41	42	54	58	57	53	24	40	48	53	57	67	59	52	41				45.1
	Minimum	20	27	29	32	34	32	33	21	17	8	15	13	25	22	35	26	28	31	23	20	21	21	21	31	49	36	33	32				26.2
Corning	Maximum	36	31	33	34	35	44	35	31	30	27	27	37	39	44	42	50	61	53	36	22	46	42	51	56	62	62	54	48				41.7
	Minimum	12	19	21	29	29	28	31	29	15	0	10	9	22	19	31	25	29	32	18	15	18	21	18	27	41	40	28	28				23.0
Dardanelle	Maximum	34	34	35	41	40	41	40	34	29	28	37	39	46	41	40	53	63	60	45	25	37	45	56	54	62	59	55	39				43.3
	Minimum	23	29	29	31	34	29	35	22	13	2	14	11	27	23	34	26	28	32	33	22	23	25	26	34	47	36	36	34				27.1
Dumas	Maximum	38	38	42	43	43	42	58	50	36	33	38	48	44	48	45	51	55	68	55	31	40	48	56	66	69	65	55	57				48.6
	Minimum	22	22	32	33	33	33	23	34	22	18	18	19	24	24	36	32	29	35	29	21	23	31	22	31	51	40	40	31				28.9
Dutton	Maximum	34	31	32	34	33	35	33	33	20	31	32	38	38	45	38	45	55	53	39	25	48	44	48	45	55	53	42	38				39.2
	Minimum	13	20	23	27	28	26	26	12	-1	-16	6	2	20	5	30	9	14	24	13	12	21	24	16	26	38	28	24	22				17.6
El Dorado	Maximum	44	40	43	44	43	41	48	46	36	39	42	52	54	51	48	52	63	67	66	37	40	53	60	66	74	66	64	59				51.4
	Minimum	26	30	33	37	38	36	37	35	25	20	21	22	30	29	39	33	33	41	36	26	29	34	28	36	53	40	42	32				32.9
Eureka Springs	Maximum	34	29	32	33	32	35	32	28	22	31	36	42	36	48	38	48	59	54	27	25	49	48	53	51	55	50	42	41				39.7
	Minimum	13	22	23	28	29	27	26	12	-4	-2	7	16	23	13	29	23	32	25	11	11	23	20	31	39	45	30	31	27				21.8
Fort Smith	Maximum	31	30	32	36	37	39	35	24	23	27	33	29	40	38	40	52	63	48	31	24	40	50	57	49	56	54	41	38				39.6
	Minimum	22	26	28	31	32	29	24	14	7	5	12	17	28	24	33	25	31	30	20	20	24	29	28	36	38	34	37	33				25.5
Grannis	Maximum	37	35	38	39	38	38	36	37	31	39	42	47	52	45	40	53	60	55	52	28	44	53	55	52	65	63	50	49				45.5
	Minimum	20	27	27	32	32	32	32	24	13	10	11	14	24	22	35	23	24	34	24	22	26	24	19	26	48	26	37	33				25.8
Gravette	Maximum	33	32	33	33	33	34	32	23	17	30	35	40	36	46	42	47	57	57	26	27	41	44	51	51	53	45	43	41				38.6
	Minimum	18	23	24	29	28	27	21	9	-5	-16	3	12	20	10	29	15	31	23	9	13	23	19	24	38	44	29	27	28				19.6
Helena	Maximum	35	35	40	43	39	44	51	53	39	32	37	45	46	51	45	52	58	63	55	30	36	44	53	62	69	63	52	52				47.3
	Minimum	20	26	30	32	33	33	29	38	20	18	16	20	25	28	37	31	34	40	25	20	22	30	23	38	51	45	40	38				30.1
Hope	Maximum	44	37	41	41	41	42	48	41	34	42	49	53	58	44	42	54	64	68	60	32	38	56	61	66	69	69	52	63				50.3
	Minimum	25	29	31	34	36	34	35	31	21	17	20	20	27	27	36	30	27	35	30	23	26	28	24	30	58	35	40	30				30.0
Hot Springs	Maximum	54	58	55	62	64	59	46	36	50	51	54	52	46	58	61	57	50	44	42	31	46	50	51	57	70	63	54	45				52.4
	Minimum	30	34	34	43	41	30	29	19	28	38	31	34	30	34	31	30	30	29	21	20	28	19	22	39	48	42	36	31				31.5
Jonesboro	Maximum	33	28	33	30	38	46	34	33	37	27	31	42	45	43	41	52	59	55	44	21	44	40	53	61	64	63	51	46				42.6
	Minimum	17	25	26	20	29	21	30	31	9	17	15	15	26	23	33	26	29	35	20	17	19	25	24	30	45	39	34	31				25.5
Lead Hill	Maximum	32	32	32	35	35	40	37	34	21	33	35	43	38	46	41	53	60	52	34	24	53	46	55	55	56	55	45	42				41.6
	Minimum	13	23	24	28	30	28	31	15	3	-20	1	-1	24	14	28	15	19	27	15	14	21	24	16	26	45	34	26	22				19.2
Little Rock	Maximum	35	32	37	41	39	45	44	37	25	30	36	42	50	43	41	55	57	58	43	23	40	44	54	59	69	58	45	44				43.8
	Minimum	21	28	29	31	33	32	35	23	17	13	22	25	32	28	35	30	34	36	22	20	23	25	28	39	49	38	37	54				29.3
Lurton	Maximum	33	26	29	32	30	34	31	31	17	29	30	35	35	41	..	45	53	45	35	24	42	40	45	48	56	50	37	36				36.6
	Minimum	11	19	21	27	28	26	26	13	3	1	11	18	20	19	..	21	27	28	11	11	20	23	24	29	40	28	28	26				20.7
Lutherville	Maximum	34	31	32	36	36	40	36	34	27	28	33	40	45	40	38	50	61	56	40	24	35	47	53	51	57	54	51	37				40.9
	Minimum	19	26	27	29	31	25	33	19	8	1	9	13	27	20	23	24	28	37	19	15	21	20	21	32	47	32	32	28				24.2
Magnolia	Maximum	40	42	42	44	42	41	46	45	35	38	42	51	52	51	45	55	62	66	61	61	40	53	59	66	73	65	62	59				51.4
	Minimum	31	30	32	36	38	35	36	33	23	20	20	23	35	29	38	31	33	41	35	25	26	32	28	37	53	37	41	30				32.4
Malvern	Maximum	34	34	38	41	41	39	40	41	33	34	39	45	49	49	43	49	55	63	62	39	44	44	50	61	58	64	59	44				46.1
	Minimum	22	29	30	32	35	33	22	32	20	14	15	17	19	25	36	26	25	31	28	22	20	25	21	29	46	35	35	30				26.9
Mammoth Spg	Maximum	32	34	41	39	40	41	39	36	33	28	33	40	40	46	49	52	56	50	40	36	47	40	49	66	57	52	50	49				43.4
	Minimum	29	26	28	26	29	25	28	31	12	-9	4	2	20	11	20	26	20	31	7	15	21	26	16	30	36	44	42	30				22.4
Marianna	Maximum	35	35	39	38	38	45	46	46	37	29	35	42	47	45	48	51	62	63	50	26	42	41	51	68	69	65	55	50				46.4
	Minimum	21	26	34	35	34	33	32	37	21	18	20	20	25	27	36	31	30	31	19	20	22	28	23	34	32	45	40	34				28.9
Marshall	Maximum	35	33	32	35	36	36	38	36	28	28	30	40	36	43	40	49	57	55	43	22	49	48	50	54	61	57	51	44				41.6
	Minimum	14	22	24	28	29	29	26	16	4	-13	6	10	24	12	32	18	24	30	17	15	20	26	28	36	48	33	28	23				21.9
Mena	Maximum	36	33	34	36	34	34	33	33	23	34	37	43	44	39	37	53	59	52	50	26	37	47	52	49	61	56	47	41				41.4
	Minimum	20	26	27	32	31	30	32	20	8	6	17	15	27	23	33	25	32	36	26	20	23	24	26	39	47	30	34	32				26.5
Mount Ida	Maximum	37	35	39	42	39	38	39	35	32	40	44	48	51	41	38	58	63	55	40	25	40	52	54	55	67	60	49	43				45.0
	Minimum	17	28	28	32	38	32	34	21	12	6	8	8	22	17	34	22	22	29	24	21	22	21	15	28	49	28	28	30				24.1
Newport	Maximum	46	32	34	37	37	47	43	40	31	29	36	45	49	44	41	54	60	56	46	23	46	45	53	65	66	64	56	42				45.2
	Minimum	18	25	28	30	31	30	29	30	17	6	13	11	28	22	32	25	27	34	21	18	18	20	21	30	36	37	32	32				25.0
Pine Bluff	Maximum	42	35	41	43	43	47	53	44	37	39	44	52	55	50	43	61	61	72	58	32	45	52	60	71	72	65	53	55				51.9
	Minimum	23	30	32	33	35	34	37	34	23	17	18	19	25	25	37	31	29	36	30	23	23	29	24	31	52	40	39	30				30.0
Portland	Maximum	40	38	45	45	45	44	49	57	51	39	40	42	51	51	47	56	63	68	63	37	40	45	57	68	76	67	60	59				51.5
	Minimum	25	30	34	36	38	36	38	42	26	21	19	19	25	29	40	35	32	35	44	25	30	36	24	31	53	42	42	33				32.9
Prescott	Maximum	49	43	44	54	49	52	46	40	39	37	39	43	50	55	53	62	63	66	67	42	49	53	62	66	71	73	67	60				53.4
	Minimum	23	24	29	32	37	33	38	37	20	17	23	21	20	29	34	29	32	34	37	22	25	29	26	36	39	35	39	36				29.9
Rison	Maximum	46	43	42	41	44	44	47	48	38	38	43	50	50	49	47	56	59	70	69	60	39	50	57	68	72	68	64	58				52.2
	Minimum	23	24	29	34	35	34	35	34	22	18	19	20	28	26	38	31	32	32	68	23	24	30	25	34	52	39	40	30				31.4
Stuttgart	Maximum	35	33	39	39	40	45	48	45	41	31	36	45	47	47	44	52	57	62	58	31	44	44	54	63	69	64	57	51				47.2
	Minimum	28	30	32	34	33	34	37	21	17	19	23	25	24	35	32	31	34	36	22	21	25	26	35	51	42	38	31	36				30.4
Texarkana	Maximum	46	40	42	14	42	40	47	40	35	43	47	52	57	47	43	58	63	66	60	40	39	57	58	61	70	68	58	64				51.3
	Minimum	25	29	30	35	35	30	35	33	21	18	19	21	31	29	35	28	35	44	30	24	29	30	27	38	35	33	42	33				30.5
Thornburg	Maximum	36	32	32	38	38	48	38	35	27	32	36	48	46	43	38	54	58	54	48	28	36	45	51	52	69	57	45	38				42.9
	Minimum	15	26	26	28	31	26	33	19	12	-3	11	2	16	12	32	21	22	27	21	12	18	16	14	32	46	31	25	32				21.5
Warren	Maximum	40	37	43	43	42	41	45	46	37	35	39	49	46	49	45	52	59	67	62	46	37	47	56	66	72	64	59	55				49.2
	Minimum	25	30	33	35	37	35	34	36	23	19	21	21	29	28	39	33	31	37	33	24	26	32	26	34	53	42	41	33				31.8
Wilson	Maximum	33	32	36	36	36	44	43	44	34	27	33	43	50	46	44	50	55	55	46	25	39	37	47	57	61	66	54	51				43.7
	Minimum	16	22	27	31	31	30	29	34	19	11	15	18	27	24	33	28	31	33	17	16	19	22	16	29	44	41	31	30				26.0
Wynne	Maximum	44	37	35	52	37	47	48	36	41	29	35	31	52	46	45	53	51	57	34	28	43	44	51	52	69	64	45	50				44.9
	Minimum	14	19	27	30	32	31	28	23	20	12	17	20	26	25	35	27	29	32	21	19	20	22	20	38	36	35	35	32				25.9

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV   LITTLE ROCK, ARK., MARCH, 1929   No. 3

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during March, 1929, were the positive temperature and negative precipitation departures. Practically all stations showed positive temperature departures for the month and the highest March temperatures on record were recorded in most sections on the 24th. The highest for the month was 98° at Harrison on the 24th, the previous highest on record being 96° in 1907 and 1918. The month opened with cool weather and daily means were below normal most of the first decade, the lowest temperatures of the month occurring in most sections on the 1st, 2nd, or 10th. After the 10th the temperature was generally above normal with unseasonably high day temperatures from the 21st to the 26th. The mean temperature for the month, as determined from the records of 59 stations, was 55.7° which is 3.0° above normal. Monthly means ranged from 60.9° at Portland to 49.7° at Dutton and Mammoth Spring, a difference of 11.2° between the northern and southern sections of the State.

There were frequent showers during the month, but daily amounts were mostly light. The number of rainy days was ten, two above the normal number, but the average precipitation for 89 stations was only 3.77 inches which is 0.97 inch below normal. Monthly totals ranged from 6.27 inches at Clinton to 1.35 inches at Cotter. Lurton reported 0.5 inch of snow during the month, traces at five other northwestern stations, all other precipitation falling as rain. Frequent showers kept the soil too wet for plowing most of the month and at the close of the month all farm work was backward. Truck, gardens, fruit, and strawberries made excellent progress and early berries were blooming at the close of the month. The Mississippi River was high the latter part of the month, but all Arkansas streams remained at comparatively low stages. W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 1; 2d, 2; 3d, 11; 4th, 11; 5th, 5; 6th, 1; 8th, 3; 9th, 6; 12th, 9; 13th, 4; 14th, 8; 15th, 11; 19th, 16; 20th, 11; 21st, 5; 22d, 5; 23d, 1; 25th, 1; 26th, 10; 27th, 5; 28th, 6; 29th, 13; 31st, 23.

DENSE FOG:------4th, 4; 12th, 1; 13th, 11; 14th, 21; 15th, 1; 17th, 1; 21st, 6; 30th, 3.

SOLAR HALOS:---1st, 1; 2d, 1; 4th, 1; 7th, 2; 10th, 1; 13th, 1; 20th, 1; 21st, 1; 24th, 1; 25th, 2; 30th, 2.

LUNAR HALOS:---7th, 1; 18th, 1; 20th, 2; 21st, 2; 24th, 1; 25th, 1.

Moderate Hail:--Brinkley, 14th: Dardanelle, 31st: slight damage.

Heavy Hail:------Crossett, 12th: slight damage. Winslow, 31st: considerable damage.

High winds--straight blows: Throughout most of State 31st: slight damage.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m	7 p. m	
Bentonville	29.91	30.43	10	29.34	22	4,375	28	s.	31	......	......	76
Fort Smith	29.93	30.47	10	29.38	22	6,126	32	w.	4	83	62	64
Little Rock.	29.95	30.50	10	29.46	22	6,860	40	nw.	31	79	53	54
Memphis	29.97	30.54	10	29.53	23	5,722	46	w.	31	75	60	56

COMPARATIVE DATA FOR MARCH

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	52.7		98		1		4.74		13	7	11	8
1891	46.7	-6.0	79	20	10	4	5.10	+0.36	11	9	11	10
1892	47.9	-4.8	84	31	9	18	3.44	-1.30	14	8	9	7
1893	50.1	-2.6	82	22	5	4	3.55	-1.19	16	6	9	8
1894	54.6	+1.9	88	13	8	26	9.84	+5.10	14	7	10	9
1895	51.8	-0.9	91	28	10	4	5.39	+0.65	13	7	11	10
1896	48.7	-4.0	85	31	12	13	5.28	+0.54	10	7	14	8
1897	55.9	+3.2	88	21	13	14	9.76	+5.02	10	7	14	15
1898	54.5	+1.8	88	16	18	3	5.96	+1.22	10	9	12	9
1899	50.6	-2.1	87	22	1	6	2.97	-1.77	12	9	10	7
1900	51.2	-1.5	90	12	7	1	2.50	-2.24	15	7	9	7
1901	51.5	-1.2	86	2	4	6	4.67	-0.07	14	8	9	6
1902	52.6	-0.1	89	26	14	18	5.34	+0.60	12	10	9	7
1903	54.8	+2.1	85	7	11	1	5.56	+0.82	10	9	12	8
1904	55.3	+2.6	90	21	12	4	5.64	+0.90	11	11	9	8
1905	57.1	+4.4	92	27	26	2	5.31	+0.57	10	10	11	9
1906	45.2	-7.5	88	26	10	20	5.69	+0.95	8	6	17	11
1907	61.9	+9.2	96	21	25	2	3.22	-1.52	14	8	9	6
1908	59.5	+6.8	93	16	21	10	3.79	-0.95	11	9	11	8
1909	52.7	0.0	84	2	16	15	3.71	-1.03	13	8	10	8
1910	60.7	+8.0	92	28	22	2	1.39	-3.35	20	7	4	3
1911	56.6	+3.9	94	9	15	16	2.17	-2.57	16	9	6	6
1912	45.8	-6.9	86	19	10	1	7.86	+3.12	7	7	17	12
1913	49.7	-3.0	88	31	8	2	4.74	0.00	14	9	3	7
1914	50.0	-2.7	86	30	4	20	5.13	+0.39	12	8	11	9
1915	42.5	-10.2	73	28	14	1	3.54	-1.20	9	7	15	7
1916	54.5	+1.8	91	21	11	3	1.93	-2.81	16	6	9	5
1917	53.0	+0.3	87	26	9	5	5.32	+0.58	14	5	12	11
1918	57.9	+5.2	96	5	16	11	1.31	-3.43	11	8	12	4
1919	53.2	+0.5	86	22	11	1	5.47	+0.73	17	5	9	6
1920	51.8	-0.9	88	27	2	7	5.31	+0.57	14	5	12	[illegible]
1921	60.8	+8.1	92	16	18	29	6.55	+1.81	11	8	12	9
1922	51.7	-1.0	83	28	7	3	8.58	+3.84	12	6	13	11
1923	49.6	-3.1	88	22	2	18	5.01	+0.30	15	5	11	8
1924	46.6	-6.1	84	29	5	10	3.27	-1.47	13	6	12	8
1925	55.9	+3.2	89	25	7	2	1.69	-3.05	18	6	7	4
1926	48.5	-4.2	86	24	11	8	5.57	+0.83	13	6	12	9
1927	53.5	+0.8	87	19	5	3	7.20	+2.36	12	7	12	12
1928	52.7	0.0	92	29	20	2†	2.53	-2.21	11	7	10	6
1929	55.7	+3.0	98	24	19	1†	3.77	-0.97	12	7	12	10

Corrections: February, 1929

Bee Branch: Number clear days should be 8, cloudy 14. Calico Rock: Highest temperature should be 59° on 17th. Camden: Lowest temperature should be 18° on 10th. Jonesboro: Precipitation 8th, .20; total precipitation, 3.81; departure from normal, -0.05. total snowfall, 15.6 Malvern: Lowest temperature should be 11° on 10th. Subiaco: Total snowfall should be 16.8.

Climatological Data for March, 1929

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	34	56.6	+1.6	92	24	26	2	41	1.48	−3.78	0.50	0.0	8	13	5	13	s.	G. C. Thrash.
Arkadelphia	Clark	250	33	......	......	......	......	......	......	......	3.90	+1.20	1.55	0.0	11	13	6	12	s.	W. K. Brown
Arkansas City	Desha	145	45	......	......	......	......	......	......	......	5.49	+0.07	1.58	0.0	11	12	4	15	......	Grady F. Jones
Ariberg	Stone	700	7	......	......	......	......	......	......	......	3.19	......	0.75	0.0	6	10	8	13	ne.	J. D. Reeves
Batesville	Independence	277	30	52.0	−0.2	91	24	20	10	43	4.54	+0.42	1.58	0.0	11	20	1	10	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	54.0	+1.4	91	24	23	2	41	5.61	+0.43	1.40	0.0	11	7	10	14	s.	J. E. Scanlan
Bentonville	Benton	1303	24	51.0	+3.7	89	24	27	1	33	2.05	−1.77	0.73	0.0	13	16	7	8	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	......	......	......	......	......	......	......	4.53	+0.31	1.74	0.0	12	15	2	14	s.	Vernon C. Howe
Blytheville	Mississippi	252	4	55.4	......	88	25	27	10	34	4.57	......	0.98	0.0	12	14	4	13	sw.	W. Ebner
Booneville	Logan	465	15	56.4	0.0	93	24	26	2	39	2.59	−0.83	0.65	0.0	9	11	8	12	e.	F. H. Randolph
Brinkley	Monroe	205	42	56.7	+4.3	90	24	27	10	33	3.17	−2.80	0.75	0.0	15	7	16	8	se.	R. J. Torry
Calico Rock	Izard	361	25	52.2	+4.3	94	24	22	2	49	2.05	−1.52	0.54	0.0	10	10	12	9	s.	W. J. Copp
Camden	Ouachita	158	44	57.0	+1.0	93	24	28	2	44	4.42	−0.75	1.16	0.0	10	11	3	17	s.	A. B. Quarterman
Center Point	Howard	470	30	58.2	+1.2	92	24	31	1†	39	2.83	−2.24	0.48	0.0	10	12	4	15	se.	John C. Floyd
Clarendon	Monroe	200	25	......	......	......	......	......	......	......	2.80	−2.49	0.74	0.0	13	7	7	17	s.	J. W. Bishop
Clinton	Van Buren	516	8	......	......	......	......	......	......	......	6.27	......	1.48	0.0	10	7	13	11	sw.	A. L. Stephens
Conway	Faulkner	309	46	56.5	+2.7	94	24	21	2	40	4.03	−0.66	1.49	0.0	10	11	12	8	s.	E. E. Cordrey
Corning	Clay	293	36	54.2	+3.0	94	24	22	10	34	4.99	+0.29	1.73	0.0	8	18	4	9	w.	Winfred D. Polk
Corning (river)	Clay	280	5	......	......	......	......	......	......	......	4.86	......	1.70	0.0	8	16	4	11	......	Henry Stafford
Cotter	Marion	408	2	......	......	......	......	......	......	......	1.55	......	0.67	0.0	6	9	9	13	se.	J. O. Linck
Crossett	Ashley	175	14	59.0	+2.4	92	24	31	2	33	5.42	+0.20	1.10	0.0	11	7	10	14	sw.	A. E. Wackerman
Danville	Yell	327	13	......	......	......	......	......	......	......	4.62	+0.32	1.22	0.0	7	10	3	18	e.	C. G. Hudson
Dardanelle	Yell	330	43	57.0	+4.6	95	24	31	2†	38	3.25	−1.21	0.81	0.0	11	10	16	5	se.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	2	......	......	......	......	......	......	......	3.57	......	0.91	0.0	14	16	1	14	......	H. G. Pate
Dumas	Desha	162	23	57.6	+0.2	93	24	29	2†	40	4.85	−1.00	1.55	0.0	13	6	13	12	s.	Ben Johnson
Dutton	Madison	1590	26	49.7	+1.6	87	24	19	1	41	3.97	−0.43	1.41	T.	10	6	18	7	s.	J. M. Ricketts
El Dorado	Union	270	28	60.7	+4.3	92	24	33	2†	37	3.65	−0.79	0.80	0.0	10	9	8	14	sw.	J. J. Babb
England	Lonoke	229	22	58.0	+2.8	92	23†	29	10	35	3.30	−1.99	1.68	0.0	12	11	8	12	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	53.2	+2.2	93	24	25	1†	33	4.30	−1.62	0.70	0.0	7	6	10	15	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	52.8	+2.9	91	24	25	1	36	2.37	−1.71	0.54	T.	10	10	11	10	s.	University of Arkansas
Fort Smith	Sebastian	457	48	51.9	+2.4	92	24	30	2	37	5.45	+2.49	2.27	0.0	12	13	7	11	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	5	......	......	......	......	......	......	......	3.55	......	0.72	0.0	11	15	7	9	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	......	......	......	......	......	......	......	3.82	−0.75	0.90	0.0	11	12	7	12	......	T. J. Logan
Georgetown	White	200	17	......	......	......	......	......	......	......	4.09	−1.64	1.42	0.0	10	10	3	18	......	W. R. Owens
Gilbert	Searcy	675	6	......	......	......	......	......	......	......	2.63	......	0.69	0.0	8	12	14	5	......	Ben F. Battenfield
Grannis	Polk	900	10	55.1	......	90	24	29	2	49	3.24	......	0.76	0.0	10	12	7	12	sw.	W. E. McVay
Gravette	Benton	1250	32	51.6	+1.8	89	24	23	1	35	3.01	−0.66	1.12	T.	7	9	12	10	sw.	A. F. Stevens
Harrison	Boone	1052	28	53.9	+5.8	98	24	24	10	52	2.71	−0.46	0.79	0.0	7	7	17	7	s.	G. L Wright
Helena	Phillips	250	57	57.4	+3.6	88	24	29	10	35	3.92	−2.26	0.90	0.0	11	15	0	16	s.	James A. Burnett
Higden	Cleburne	445	11	......	......	......	......	......	......	......	5.22	......	1.57	0.0	10	6	13	12	s.	Geo. W. Baker
Hope	Hempstead	377	58	59.4	+1.4	95	25	31	10	39	3.37	−1.93	1.00	0.0	9	15	6	10	sw.	N. P. O'Neal
Hot Springs	Garland	600	38	56.2	+1.9	91	24	29	2	38	4.10	−1.18	1.39	0.0	9	18	8	5	......	G. C. Bolton
Index‡‡	Little River	275	4	......	......	......	......	......	......	......	5.12	......	1.95	0.0	12	12	0	19	......	H. G. Sanderson‖
Jessieville	Garland	750	3	......	......	......	......	......	......	......	3.37	......	0.77	0.0	9	14	10	7	......	U. S. Forest Service
Jonesboro	Craighead	345	34	56.2	+3.4	95	24	25	10	35	5.21	+0.30	1.50	0.0	13	18	4	9	se.	Benedictine Sisters
Junction‡‡	Union	182	35	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	J. A. Lowderback
Lambrook	Phillips	155	6	56.5	......	86	24	28	10	33	3.16	......	0.75	0.0	9	12	5	14	n.	Mrs. D. C. White
Lead Hill	Boone	650	2	54.2	......	95	24	21	2	52	1.81	......	0.55	0.0	9	16	5	10	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	50	56.8	+3.8	90	24	31	2	33	4.72	+0.10	1.65	0.0	17	8	7	16	sw.	U. S. Weather Bureau
Lurton	Newton	2100	4	49.7^{b}	......	86^{b}	24	22^{b}	10	31^{c}	4.13	......	1.56	0.5	10	13	7	11	s.	I. C. Sutton
Lutherville‡‡	Johnson	775	31	54.6	+2.2	91	24	27	2	37	6.08	+2.31	2.67	0.0	8	10	9	12	w.	H. G. Lenhardt
Magnolia	Columbus	315	10	60.0	......	92	24	32	2†	39	4.18	......	1.45	0.0	8	10	13	8	sw.	State Agri. School
Malvern	Hot Springs	277	42	55.8	+1.7	91	23†	24	2	42	3.75	−1.47	1.50	0.0	12	17	5	9	s.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	24	54.7	+4.0	97	24	20	2	46	2.42	−2.44	0.55	0.0	6	18	8	5	s.	L. G Humphrey
Marianna	Lee	235	17	55.8	+2.0	88	24†	30	2†	35	2.62	−3.06	0.94	0.0	9	23^{a}	3^{a}	4^{a}	s.	C. N. Houck
Marked Tree	Poinsett	229	24	53.8	+2.6	92	23	25	9	41	3.76	−1.25	0.63	0.0	12	10	16	5	n.	Charles Walton
Marshall	Searcy	1070	15	53.9	+0.3	91	24	25	2	47	2.71	−1.51	0.80	0.0	6	11	8	12	s.	A. J. Parks
Mena	Polk	1185	41	55.6	+3.0	89	24	29	10	36	2.57	−2.40	0.63	0.0	9	13	7	11	nw.	E. W. St. John
Morrilton	Conway	347	8	53.2	......	91	24	28	2†	41	3.50	......	0.65	0.0	11	8	9	14	ne.	John Cook
Mountain Home	Baxter	800	15	53.4^{b}	+2.8	94^{b}	24	21^{b}	10	46^{b}	2.23	−2.28	0.85	0.0	5	11^{c}	5^{c}	12^{c}	sw.	B. S. Halbert
Mount Ida	Montgomery	650	30	51.8	+1.6	91	24	21	2	45	3.00	−1.72	0.66	0.0	6	14	3	14	sw.	G. A. Whittington
Newport	Jackson	231	45	56.8	+4.2	94	24	25	10	33	4.31	−0.58	1.02	0.0	14	9^{a}	11^{a}	10^{a}	n.	A. C. Wilkerson
Norman	Montgomery	750	2	......	......	......	......	......	......	......	3.31	......	0.61	0.0	9	12	11	8	......	U. S. Forest Service
Oden	Montgomery	800	3	......	......	......	......	......	......	......	2.15	......	0.75	0.0	4	10	6	15	sw.	U. S. Forest Service
Osceola	Mississippi	240	31	54.4	−0.4	91	24	28	8	40	4.61	−0.81	1.50	0.0	10	15	5	11	s	June Thomason
Ozark††	Franklin	396	33	55.6	+2.2	94	24	25	2	38	5.55	+1.40	2.10	T.	7	11	4	16	sw.	Isham Burrow
Paragould	Greene	301	3	......	......	......	......	......	......	......	5.41	......	1.52	0.0	10	18	4	9	se.	W. R. Heagler
Patterson	Woodruff	195	13	......	......	......	......	......	......	......	3.97	−2.67	0.84	0.0	10	13	5	13	s.	W. E. Baker
Piggott	Clay	307	5	......	......	......	......	......	......	......	4.03	......	1.35	0.0	11	9	9	13	sw.	V. C. Wright
Pine Bluff	Jefferson	215	42	60.4	+5.6	95	24	30	10	40	3.18	−2.83	1.25	0.0	13	13	5	13	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	54.8	+3.2	91	24	23	2	37	4.36	−0.29	1.30	0.0	10	9	10	12	n.	Benedictine Sisters
Portland	Ashley	122	23	60.9	+2.1	94	24	30	2	40	4.82	−1.44	1.45	0.0	8	9	12	10	w.	W. E. Edmiston
Prescott	Nevada	329	41	59.4	+3.5	92	24	34	2	39	4.09	−0.52	2.03	0.0	10	14	3	14	n.	C. D. Calhoun
Princeton	Dallas	287	23	......	......	......	......	......	......	......	5.82	+0.70	1.50	0.0	8	15	5	11	......	Mrs. F. P. Coleman
Rison	Cleveland	243	28	59.9	+4.9	92	24	30	10	36	3.40	−1.91	1.05	0.0	9	11	8	12	e.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	52.7	+3.3	93	24	25	1	41	1.88	−1.71	0.59	T.	9	5	11	15	s.	Carl A. Starck
St. Francis	Clay	290	2	......	......	......	......	......	......	......	3.41	......	1.21	0.0	8	18	0	13	......	S. T. Rooney
Searcy	White	236	20	55.3	+2.3	91	24	26	2	40	3.73	−1.74	1.09	0.0	9	16	3	12	s.	J. T. Bell
Springbank‡‡	Miller	240	22	......	......	......	......	......	......	......	3.25	−1.51	1.54	0.0	7	15	0	16	......	Miss Grace Field
Story	Montgomery	700	5	......	......	......	......	......	......	......	3.59	......	0.98	0.0	12	14	6	11	s.	S. C. Story
Stuttgart	Arkansas	228	42	57.8	+3.8	92	24	29	9	39	2.72	−3.05	0.95	0.0	12	10	11	10	s.	Adam F. Buerkle
Subiaco	Logan	1050	32	55.8	+2.2	95	24	25	2	44	4.30	−1.49	1.25	0.0	9	8	9	14	s.	New Subiaco Abbey
Texarkana	Miller	332	43	60.2	+3.4	94	23	31	10	40	4.05	−0.11	1.43	0.0	9	13	3	15	n.	H. S. Brashear
Thornburg	Perry	650	5	53.9	......	89	23†	20	2	44	3.67	......	1.02	0.0	9	9	11	11	sw.	Edward E. Holmes
Waldron	Scott	675	10	......	......	......	......	......	......	......	3.42	......	0.82	0.0	8	6	7	18	nw.	Dr. Cheves Bevill
Warren	Bradley	206	35	60.2	+4.1	91	24	32	10	32	3.09	+2.49	1.00	0.0	8	19	11	1	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	......	......	......	......	......	......	......	5.36	......	0.89	0.0	8	8	11	12	w.	J. R. Huddleston
Whitecliffs	Little River	290	25	......	......	......	......	......	......	......	5.57	+1.38	2.78	0.0	9	10	4	17	e.	Nannie O. Schirmer‖
Wilson	Mississippi	237	4	54.4	......	87	24	25	10	38	2.95	......	1.10	0.0	8	18	8	5	e.	M. W. H. Collins
Wynne	Cross	250	21	57.0	+5.4	93	15	26	10	42	4.70	−0.30	1.20	0.0	8	17	6	8	s.	R. T. Cobb
Yancopin	Desha	167	5	......	......	......	......	......	......	......	4.05	......	0.83	0.0	11	8	5	18	......	W. E. Barton
State Means and Extremes				55.7	+3.0	98	24	19	1†	52	3.77	−0.97	2.78	0.5	10	12	7	12	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a,b,c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for March, 1929

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				.50	.06				.11			.10	.11								.22					.12			.26			1.48
Arkadelphia	Ouachita	.08			1.55	.27	.27			.48				.31		.23				.02							.13	.04		.52			3.90
Arkansas City	Mississippi	.09			1.06	.34				.17				.64	.24	.03						.07	1.58	1.07						.20			5.49
Arlberg	White			.44									.75			.69						.32						.32		.67			3.19
Batesville	White	.18			1.58	.04							T.	.42	T.	.38		T.			.24	.26	T.				.12	T.	.38	.92	.02		4.54
Bee Branch	Arkansas			.16	.96	.06							.61	.10		.50					.75	.32					.15	1.40		.60			5.61
Bentonville***	Arkansas			.05	.20							.02	.36	.02	.17	.09				T.		.06				.04		.18	.73	.01		.12	2.05
Black Rock	White	T.			1.74	.15				.01			T.	1.02	.03	.11					.03	.35		.09					.22	.77	.01		4.53
Blytheville	Mississippi			.70	.51				.02				.45	.02	.58								.15			.33		.21	.98	.85		.27	4.57
Booneville	Arkansas				.02	.10							.51	T.		.42				.65		.04						.20	.40			.22	2.59
Brinkley	White	.99			.75	.44			T.	.21				.42	.01	.18					.17		.01	.13			.18	.13	.04	.22	.16		3.17
Calico Rock	White	.06			.17	.01				.01			.15	.32		.44	T.			T.	T.	.16	T.				T.		.19	.54	T.		2.05
Camden	Ouachita	.57			1.16	.57				.34				.55	.15					.08	.18			.24						.58			4.42
Center Point	Red			.33	.43					.30			.48	.04		.31						.38					.15		.02	.39			2.83
Clarendon	White	.10			.74	.42				.20			T.	.34	.06	.12							.02	.12			.05	.35		.13	.15		2.80
Clinton	White			1.03	.06								.62	.10		.43				.26		.32						1.24	1.48			.73	6.27
Conway	Arkansas			.11	1.49	.32							.41	.17							.27	.41	.05					.04	.76				4.03
Corning	White				1.62	.18								.18		1.78					.21	.23							.07		.72		4.99
Corning (river)	White				1.70	.20								.60		1.12					.18	.20							.08		.78		4.86
Cotter	White	T.				T.				T.			.14	.15	T.	.67	T.			T.		.08					T.	.03		.28			1.35
Crossett	Ouachita	.10			.70	.33				.45				.72	.09	.02					T.	.29	1.10	1.06						.56			5.42
Danville	Arkansas				1.12									.61		.33					.35	.28					1.22	T.		.71			4.62
Dardanelle	Arkansas	.19			.81	.12							T.	.32	.04	.21			T.		.32	.36						.08	.25	.55			3.25
De Valls Bluff	White	.07			.91	.36				.20				.44	.02	.26					.36			.16			.11	.26	.04	.08	.10		3.37
Dumas	Mississippi	.09			1.55	.25			T.				.22	.15	.39	.05				.15	.10	.35	.85	.45			T.		T	.75			4.85
Dutton	White	T.				.17							1.41			.59				.13	.24	.07						.62	.06	.24		.44	3.97
El Dorado	Ouachita	.11			.30	.32				.40				.70	.10						.02	.40		.38						.42			3.65
England	Arkansas	.12		T.	1.68	.21			.02	.14			.31	.08		.30				T.			.03	.09			T.	.14		.28			3.30
Eureka Springs	White					.25							.70			.37											.05	.10	.54	.29			2.30
Fayetteville	White	T.		T.		.36				.01			.35			.35				.02		.06				T.		.35	.54	.81		.02	2.87
Fort Smith***	Arkansas				.02							.09	.85	.01	.14	.11				.18	.29	.02				T.	T.	2.19	1.15			.40	5.45
Freeman Sprgs.	Arkansas	.68			T.	.20							.17	.50		.21					.25	.20					.01	.01	.72	.63			3.58
Fulton	Red	.18		T.	.90	.16				.26			T	.88	.27	.08					.15	.07	T.					.20		.67			3.82
Georgetown	White				1.42	.12			T.	.06			T.	.77		.15					.18			.12			.48	T.	.10	.69	T.		4.09
Gilbert	White			T.								.05	.35	T.		.58					.22	.08						.33	.53			.69	2.83
Grannis	Red			.10	.17				T.	.64			.62			.25					.11	.76					.01		.06	.52		T.	3.24
Gravette	Arkansas	T.		.16	T.	.38						T.	.69							T.						T.	.24		1.12	.17		.28	3.04
Harrison	White			.06									.40	.03		.79												.23		.50		.70	2.71
Helena	Mississippi	.06			.65	.36				.24				.90		.18							.20	.92				.01		.35	.05		3.92
Higden	White			.12	1.13								.31	.16		.93				.44	.28						.26	1.57	.02				5.22
Hope	Red	.13		1.00	.55					.32			.65	.15		.08				.04			T.							.45			3.37
Hot Springs	Ouachita				1.20	.15							.55	.20		.35				T.		.20					.10			1.30		.25	4.10
Index	Red	.04			1.95	.24				.60				.58	.57	.01					.07	.07	.04					.34		.58			5.12
Jessieville	Ouachita			.26	.77								.33	.52		.33				.04	.37					.40						.35	3.37
Jonesboro	White			.05	1.40	.17							.19	.48		.31			.10			.08		.05			.24	.10	1.50	.54			5.21
Junction	Ouachita																																....
Lambrook	White	.10			.75	.40				.08				.55	.06	.35								.50						.87			3.16
Lead Hill	White					T.							.33	.03		.55					T.	.04					.17	.11	.02	.43		.13	1.81
Little Rock***	Arkansas			1.44	.38	.03			.08	.02			.37	.04	.01	.20				.19	.06	.06	T.				1.21	.03	.06	.35		.19	4.72
Lurton	White					.19							.60	.03		.37					.55	.14						.48	.22	.29		1.56	4.43
Lutherville	Arkansas			T.	T.	.20							.37			.43					.30	.30					T.	2.67		.55		.76	6.08
Magnolia	Red	.28		.03	1.45					.90			.70	.10						.32									.40				4.18
Malvern	Ouachita	.05			1.50	.25			.10				.02	.25	.10	.20						.08					.42	.26		.55			3.78
Mammoth Spg.	White				.55								.40			.34						.16							.50			.47	2.42
Marianna	Mississippi				.94	.14			.05				.32	.41		.16								.34			.06			.20			2.62
Marked Tree	Mississippi				.63	.57				.09				.45	.01	.53					.12		T	.10			.19		.41	.19	.47		3.76
Marshall	White												.80			.36					.40	.12						.38		.65			2.71
Mena	Ouachita				.08	.08							.21	.60	.25						.53						.17		.02	.63			2.57
Morrilton	Arkansas	.18			.65	.30							.42	.10		.33					.12	.45					.41	.12		.42			3.50
Mountain Home	White												.35	.03		.85				T.		.15								.85		T.	2.23
Mount Ida	Ouachita				.57								.66			.50						.65					.45			.26			3.09
Newport	White	.09			1.38	.17				.01			.02	.26		.01					.16	.16	.08				.37		.49	1.02	.11		4.31
Norman	Ouachita			T.	.40				.20				.61		.50						.10	.50	T.				.20	T		.30		.50	3.31
Oden	Ouachita			.60										.75								.65										.15	2.15
Osceola	Mississippi			.55	.70			T.					1.50	T.	.12								.18			.40		.20	.25	.31		.40	4.61
Ozark	Arkansas	.49				T.							.37	.66		.54					.87								2.10	.52			5.55
Paragould	Mississippi			1.37	.24								.51		.42					.14	.20		.09			.60		.32	1.52				5.41
Patterson	White				.81	.28								.58		.29					.06			.18			.84	.12	.21	.60			3.97
Piggott	Mississippi			.07	1.26	.13							.10	.27		[illegible]					.18	.19	.02	T.				.02		1.35			4.03
Pine Bluff	Arkansas	.19			1.25	.58				.05				.25	.04	.07					.10	T.	.02	.15				.10		.30	.08		3.18
Pocahontas	White			1.30	.40				.12				.73			.58				.18		.22	.05					.08		.70			4.36
Portland	Ouachita				.46	.25				.69				.36	.30	.27							1.45	1.04									4.82
Prescott	Ouachita			2.03						.40			.48	.14	.14							.08				.02	.22		.24			.34	4.09
Princeton	Ouachita				1.50	.30							.83	.51						.92	.70								.24			.82	5.82
Rison	Ouachita	.15			1.05	.55				.30				.43		.20					T.		.22	.23						.27			3.40
Rogers	White	T.		.02	.04								.41		.46					.04		.03					.08	.18	.59				1.88
St. Francis	Mississippi				1.21	.10								.51		.16					.16	.13	T.				T.			.76	.35		3.41
Searcy	White			.10	.50								.60	.15							.30	.11					.48	.45		1.09			3.73
Springbank	Red	.07			1.54	.17				.30			T.	.70	.15	T.					T.	T.	T.					T.		.35			3.28
Story	Ouachita			.40		.10				.03			.10	.13	.98						.30	.52					.31		.10	.55		.47	3.99
Stuttgart	Arkansas			.95	.44				.14			.01	.17	.08	.04							.03	.18						.26	.14		.28	2.72
Subiaco	Arkansas			T.	T.	.28							.50	T.		.61				1.25		.01						.53	.25	.33		.54	4.30
Texarkana	Red	.10			1.43								.41	.60	.38						.14	.07						.19		.76			4.08
Thornburg	Arkansas			.01	T.								.77	.01	.91				T	T.	1.02	.30					.33	.03		.29			3.67
Waldron	Arkansas			T	T.	.06			T.				.32			.56					.53	.14					.05		.74			.52	3.42
Warren	Ouachita	.10			1.00	.25				.28			.45	.10		T.					T.		.61							.80	T.		3.09
Waters	Ouachita			.87		.09							.39			.89					.16	.76				.78		.67				.76	5.36
Whitecliffs	Red	T.			2.78	.23				.47			T.	.88	.20	.32				T.		.81					.06		T.	.32			5.57
Wilson	Mississippi					1.10				.20				.45		.10						.10		.15					.45		.40		2.95
Winslow	Washington																				.23	.12					.06	.67	.15	.24		.69	....
Wynne	Mississipp				1.20								.50	.40							.80						.50	.75		.75		.80	4.70
Yancopin	Arkansas	.04			.83	.50			T.					.20	.09	.31					.09	.29	.48	.82						.45			4.05

Daily River Stages for March, 1929

Stations	Rivers	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	13.3	13.2	12.0	10.7	9.7	9.0	8.5	8.0	7.6	7.2	6.8	6.8	7.8	12.3	13.1	13.6	12.1	11.8	10.3	9.2	8.6	8.2	7.7	7.3	6.9	6.7	6.8	8.1	9.7	13.8	16.4
Ozark	do	22	9.4	9.6	8.0	7.6	6.3	5.9	5.1	4.6	4.0	3.8	3.8	3.9	5.0	6.1	9.0	9.6	9.0	7.9	7.2	6.6	5.9	5.4	4.9	4.4	4.0	4.0	3.8	5.4	7.7	7.9	11.8
Dardanelle	do	20	11.0	12.2	11.6	10.7	9.4	8.6	7.9	6.4	6.4	6.1	5.8	5.6	6.0	7.0	9.8	11.4	11.4	10.6	9.4	8.9	8.6	8.0	7.4	6.9	6.2	5.6	5.6	7.8	8.2	9.2	13.8
Morrilton	do	20	10.0	11.2	11.5	10.6	9.6	8.7	7.7	7.0	6.3	5.5	4.9	4.2	4.0	4.9	6.7	9.5	10.5	9.9	8.8	7.8	7.5	7.0	6.5	5.8	5.2	4.8	4.2	5.0	6.4	7.8	9.5
Little Rock	do	23	11.7	12.4	13.0	12.8	12.2	11.1	10.2	9.2	8.3	7.4	6.5	5.8	5.3	5.3	8.2	9.0	10.8	11.3	10.2	9.4	8.5	8.8	8.1	7.5	6.8	6.1	5.3	5.4	6.8	7.8	9.0
Pine Bluff	do	25	15.6	15.9	16.2	17.0	16.3	15.9	15.3	14.9	13.7	12.9	12.2	11.4	10.6	10.4	10.5	11.7	14.2	15.4	15.6	14.6	13.7	13.3	13.2	12.7	12.3	11.5	11.0	10.6	10.3	11.9	12.6
Yancopin	do	29	24.0	24.9	26.3	27.7	28.8	29.5	30.0	30.8	30.7	31.2	31.6	32.0	32.4	32.8	33.2	33.8	34.5	35.2	35.8	36.2	36.6	37.0	37.3	37.6	37.9	38.2	38.4	38.6	38.8	38.9	38.9
Danville	Petit Jean	20	21.1	20.2	16.8	17.0	14.2	12.0	10.1	8.9	8.2	7.9	7.2	5.9	7.8	12.2	11.2	14.9	12.6	11.5	8.5	8.6	11.6	14.1	12.5	10.6	8.5	8.9	9.7	8.1	9.8	12.2	12.0

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	10.7	8.9	7.8	7.1	6.6	6.2	5.9	5.8	5.7	5.4	5.2	5.0	4.9	4.8	5.1	6.8	8.0	7.8	8.3	7.2	6.6	6.1	5.7	5.5	5.3	5.1	4.9	4.8	4.8	4.4	4.5
Calico Rock	do	23	11.4	9.8	8.4	7.5	6.8	6.3	6.0	5.7	5.4	5.2	4.8	4.6	4.4	4.4	4.8	6.2	8.3	7.4	7.8	7.1	6.3	5.8	5.4	5.1	4.8	4.5	4.3	4.1	4.1	4.3	4.5
Batesville	do	26	18.8	17.8	16.0	17.2	14.6	13.4	12.6	12.2	11.7	11.4	11.0	10.6	10.6	10.3	10.5	11.6	13.7	14.4	14.0	14.1	13.0	12.3	11.6	11.2	10.8	10.5	10.2	10.0	10.5	10.3	10.3
Newport	do	20	23.7	23.9	23.7	23.4	23.4	22.7	22.0	21.3	20.7	20.0	19.4	18.8	18.2	17.8	17.3	17.0	17.5	18.5	18.6	18.6	18.4	17.7	16.9	16.2	15.5	14.9	14.3	13.6	13.2	13.7	13.6
Georgetown	do	21	20.2	20.5	21.0	21.9	22.4	22.8	22.8	22.7	22.6	22.3	21.9	21.6	21.5	21.2	20.9	20.6	20.4	20.2	20.0	20.0	20.0	19.9	19.8	19.7	19.5	19.4	19.2	19.1	19.1	19.2	19.3
De Valls Bluff	do	34	21.3	21.6	21.8	22.3	22.8	23.3	23.7	24.0	24.0	24.0	23.8	23.6	23.4	23.2	22.9	22.7	22.5	22.3	22.2	22.1	22.0	22.0	21.9	21.9	21.9	21.9	21.8	21.8	21.6	21.6	21.6
Clarendon	do	12	24.5	24.9	25.2	25.6	26.3	27.0	27.5	27.9	28.2	28.3	28.4	28.4	28.3	28.2	28.1	27.9	27.7	27.5	27.3	27.2	27.0	26.9	26.9	26.8	26.8	26.7	26.7	26.7	26.6	26.6	26.6
Gilbert	Buffalo	14	7.0	6.5	6.0	5.8	5.7	5.6	5.5	5.4	5.4	5.3	5.3	5.3	8.0	7.3	6.5	5.8	8.6	7.6	6.5	6.0	6.7	5.9	5.7	5.6	5.5	5.4	5.3	6.8	6.5	6.4	6.2
Black Rock	Black	30	19.1	18.8	18.0	19.3	19.7	19.5	19.3	19.0	18.6	18.1	17.8	17.2	16.8	16.2	16.0	15.9	15.7	15.1	14.8	14.5	14.3	14.1	13.9	13.5	13.1	[illegible]	11.6	11.2	10.8	10.5	[illegible]
Camden	Ouachita	28	28.0	29.0	29.0	28.0	27.4	28.2	29.0	29.1	29.0	28.1	26.7	24.2	22.3	20.9	20.3	20.0	19.4	19.3	18.3	17.1	16.1	15.4	14.8	14.3	14.2	13.1	12.4	12.1	[illegible]	11.7	12.0
Fulton	Red	44	20.6	20.4	20.2	20.2	20.2	19.7	18.7	17.6	16.3	14.8	13.5	12.5	12.1	12.2	15.8	19.0	19.0	18.3	17.7	16.8	15.5	14.2	13.6	13.4	13.5	13.4	12.8	12.0	11.3	10.7	10.5
Helena	Mississippi	48	23.2	26.3	30.4	32.5	34.6	36.3	37.9	39.0	40.0	41.1	42.0	42.9	43.7	44.4	45.1	45.8	46.4	46.8	47.4	47.8	48.3	48.7	49.2	49.6	50.0	50.2	[illegible]	50.3	50.2	50.0	49.9
Arkansas City	do	48	26.5	30.0	32.8	34.7	36.5	37.8	39.3	40.3	41.2	42.1	42.9	43.7	44.5	45.2	46.0	46.7	47.5	48.2	48.9	49.5	50.1	50.7	51.2	51.7	52.1	52.4	52.8	53.1	53.2	[illegible]	53.4

Daily Temperatures for March, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	51	61	60	58	64	79	74	71	66	65	64	61	58	69	65	58	65	62	72	75	70	81	88	92	88	85	74	66	69	72	83	66.9
	Minimum	34	26	33	47	38	40	41	43	40	29	36	55	47	36	42	39	32	36	42	45	45	57	50	51	52	58	55	52	47	44	48	43.2
Batesville§§	Maximum	47	58	53	50	60	71	55	50	53	54	64	60	67	73	62	58	66	62	68	68	69	74	87	91	86	65	55	62	64	73	81	64.6
	Minimum	34	22	29	45	34	34	34	28	35	20	30	42	49	36	23	45	29	30	31	31	47	54	54	48	68	55	47	47	46	37	39	39.3
Bentonville	Maximum	38	51	50	53	53	72	47	56	49	57	59	57	61	63	51	46	61	62	68	67	71	79	84	89	76	61	53	50	54	75	70	60.8
	Minimum	27	[illegible]	43	35	31	40	30	35	30	29	42	48	40	41	41	36	31	36	45	43	53	55	59	62	48	46	49	44	44	42	38	41.2
Bee Branch	Maximum	45	57	57	51	56	[illegible]	72	51	54	54	62	61	59	70	67	57	66	64	69	68	68	76	87	91	85	79	64	58	62	74	80	65.9
	Minimum	29	23	40	43	33	37	34	33	37	25	29	49	45	35	45	40	30	32	39	45	52	56	57	50	63	52	44	47	44	39	57	42.1
Blytheville	Maximum	48	59	66	55	53	71	70	50	48	51	63	62	67	74	70	59	65	62	67	63	72	72	80	87	88	75	58	65	63	75	80	65.8
	Minimum	40	30	41	49	37	38	36	33	36	27	39	51	52	46	52	45	36	39	44	47	47	52	57	57	63	53	56	51	48	41	58	45.0
Booneville	Maximum	47	60	58	59	60	80	73	53	58	60	63	64	61	65	62	56	67	66	75	71	72	82	91	93	86	78	62	60	66	81	81	68.2
	Minimum	30	26	36	38	39	41	39	40	36	30	42	55	42	38	44	36	30	34	42	47	55	58	58	56	69	56	51	19	46	46	64	44.6
Brinkley	Maximum	48	60	69	64	57	76	70	50	53	54	[illegible]	61	65	72	65	60	64	64	68	72	73	73	87	90	84	81	63	66	66	77	83	67.7
	Minimum	35	28	39	47	37	41	58	36	39	27	35	52	55	40	50	43	31	33	45	49	55	59	59	62	66	57	54	48	50	44	61	45.7
Calico Rock§§	Maximum	49	60	51	51	62	82	53	56	51	58	64	61	62	71	61	54	67	61	71	71	71	77	90	94	84	64	56	58	65	75	79	65.5
	Minimum	30	22	26	42	32	33	31	30	34	23	27	44	52	38	38	44	29	30	31	40	44	51	57	48	51	53	47	49	46	40	41	38.9
Camden§§	Maximum	50	62	73	55	62	81	60	70	60	60	65	66	63	74	65	61	64	65	67	75	72	80	89	93	86	78	73	72	72	83	86	70.4
	Minimum	29	28	32	44	40	39	46	46	42	32	32	41	52	42	43	37	32	32	42	45	48	36	58	54	54	67	57	53	52	45	50	43.5
Center Point	Maximum	53	60	66	60	62	81	76	59	60	57	61	60	55	73	63	51	65	63	77	67	67	81	90	92	86	76	65	65	71	82	82	69.1
	Minimum	31	32	42	47	38	42	43	43	42	31	42	57	50	42	41	35	34	45	48	50	52	58	58	62	65	61	57	53	49	54	63	47.3
Conway	Maximum	48	61	56	52	58	79	74	43	58	55	61	67	61	72	66	58	64	65	72	73	72	79	90	94	85	81	63	62	67	78	84	68.0
	Minimum	30	21	43	47	37	41	39	37	39	27	34	54	43	40	46	41	34	31	47	49	55	60	61	55	67	58	51	59	48	44	62	45.0
Corning	Maximum	48	56	51	49	56	74	64	50	47	53	66	69	67	74	65	55	61	67	71	69	67	76	84	91	83	76	62	66	63	73	69	65.3
	Minimum	27	[illegible]	[illegible]	44	34	42	32	36	39	22	46	54	55	40	52	44	31	43	41	44	53	56	57	60	53	48	48	47	42	40	46	43.2
Dardanelle	Maximum	49	62	57	56	60	80	75	53	55	54	64	61	60	69	65	58	61	65	74	68	71	81	92	95	91	81	64	61	67	74	82	68.0
	Minimum	34	31	43	45	38	42	40	40	41	31	38	46	47	41	46	41	25	39	46	50	56	58	60	59	68	57	52	51	47	45	60	46.0
Dumas	Maximum	49	60	72	62	60	79	69	61	56	56	67	66	66	73	66	60	64	67	75	66	70	72	88	93	78	72	[illegible]	72	72	82	85	69.4
	Minimum	31	[illegible]	38	45	41	41	42	40	42	29	36	55	51	42	51	58	34	42	42	42	52	58	57	53	63	62	55	52	52	48	61	45.9
Dutton	Maximum	40	53	50	53	55	74	65	51	51	51	60	56	57	64	60	46	62	58	61	68	61	75	82	87	80	74	79	51	54	72	[illegible]	61.7
	Minimum	19	20	40	34	29	35	29	30	31	23	37	[illegible]	39	31	39	37	23	26	32	39	49	51	45	46	[illegible]	47	45	43	41	34	[illegible]	37.7
El Dorado	Maximum	54	63	72	69	62	81	76	72	67	63	65	67	64	72	65	62	66	65	74	77	68	74	89	92	[illegible]	82	78	75	74	84	86	72.4
	Minimum	39	[illegible]	42	49	41	41	50	46	43	33	42	55	55	41	41	38	36	45	47	50	55	58	58	58	67	67	59	56	56	50	65	49.0
Eureka Springs	Maximum	40	56	55	55	57	75	56	59	55	58	69	57	61	66	59	49	65	62	70	69	70	79	85	93	81	62	55	51	55	75	74	63.5
	Minimum	25	30	45	38	36	46	29	32	29	25	45	51	46	42	42	39	33	14	47	43	53	55	61	65	52	46	46	44	43	42	53	43.0
Fort Smith	Maximum	44	60	53	58	58	78	54	56	59	57	62	62	61	66	55	53	61	64	73	68	71	81	87	92	82	65	59	58	63	81	78	67.1
	Minimum	32	30	45	42	40	41	39	39	41	32	40	51	45	45	44	37	36	40	47	51	56	56	59	60	56	56	49	46	46	47	44	44.9
Grannis	Maximum	[illegible]	62	53	61	62	78	75	53	61	56	59	58	58	69	60	59	61	59	72	72	67	81	86	90	[illegible]	77	70	66	68	80	81	67.5
	Minimum	[illegible]	21	37	43	36	30	43	41	37	30	31	53	48	48	39	31	26	34	38	42	54	56	49	48	64	62	56	51	47	43	60	42.7
Gravette	Maximum	40	55	52	52	54	71	58	55	54	56	59	57	61	61	55	47	62	62	67	67	72	80	85	89	63	59	57	53	57	76	71	62.1
	Minimum	23	26	45	34	32	46	29	33	29	29	45	52	44	49	41	39	27	34	44	42	50	57	61	59	50	45	49	44	43	42	47	41.2
Helena	Maximum	[illegible]	60	68	62	56	76	66	45	51	55	66	62	66	70	71	61	64	65	66	73	71	71	83	86	84	75	63	70	66	78	81	67.4
	Minimum	30	31	40	47	39	41	40	36	40	29	41	55	55	66	51	40	32	44	48	46	57	59	60	61	62	58	55	46	50	49	[illegible]	47.5
Hope	Maximum	[illegible]	63	72	64	63	79	65	65	59	62	68	66	58	73	64	61	60	68	74	79	75	84	92	94	95	77	74	74	72	85	86	72.1
	Minimum	35	34	49	18	40	44	45	45	40	31	36	55	56	40	43	38	35	41	45	47	52	54	60	58	56	55	56	52	50	46	61	[illegible]
Hot Springs	Maximum	49	51	54	60	63	81	74	54	58	58	65	61	57	69	65	62	61	63	71	74	68	80	89	91	81	77	76	64	77	80	82	68.2
	Minimum	34	29	34	44	38	46	40	10	39	30	36	55	19	38	45	34	35	39	44	45	55	57	54	53	66	57	54	51	42	47	44	44.3
Jonesboro	Maximum	47	61	62	55	53	57	71	67	53	57	68	61	65	75	67	55	64	63	69	70	71	75	86	95	85	75	70	64	65	76	81	67.8
	Minimum	36	28	40	44	35	38	44	35	31	25	36	49	56	42	52	44	35	38	45	49	47	59	55	60	[illegible]	54	52	45	52	41	57	45.1
Lead Hill	Maximum	44	59	57	54	57	82	63	58	55	58	63	61	65	69	61	52	65	66	72	71	73	80	90	97	84	63	60	55	59	75	79	65.8
	Minimum	29	21	[illegible]	40	32	30	25	27	30	24	32	51	45	34	45	42	26	25	36	41	51	51	52	45	66	47	45	42	45	35	42	38.5
Little Rock	Maximum	48	59	65	51	61	78	58	47	53	52	64	63	63	70	63	55	63	53	69	71	73	76	89	90	84	73	58	64	67	78	83	66.2
	Minimum	36	31	45	44	39	45	40	40	38	31	42	55	49	42	48	49	39	46	48	51	57	59	[illegible]	[illegible]	[illegible]	58	51	51	48	50	[illegible]	47.4
Lurton	Maximum	[illegible]	52	45	48	53	70	.	49	49	50	56	53	57	65	54	49	59	..	65	64	62	71	82	86	[illegible]	69	[illegible]	52	55	70	72	[illegible]
	Minimum	26	27	39	36	29	..	28	32	31	22	32	37	44	40	40	36	23	.	39	43	51	54	58	52	61	45	43	42	41	45	52	[illegible]
Lutherville	Maximum	45	59	52	58	54	74	[illegible]	50	56	58	60	58	59	67	59	56	64	62	71	68	67	79	87	91	82	75	51	58	59	74	77	64.7
	Minimum	[illegible]	27	42	45	35	37	35	37	40	28	34	53	47	41	49	45	[illegible]	38	45	47	53	58	57	55	64	54	46	47	48	43	59	[illegible]
Magnolia	Maximum	53	58	72	67	61	80	75	73	69	61	64	65	58	64	72	60	66	65	72	75	74	80	89	92	87	83	76	76	73	85	87	72.0
	Minimum	38	32	33	50	41	46	47	45	42	32	42	56	51	42	41	38	33	46	50	42	56	61	[illegible]	59	65	68	[illegible]	[illegible]	54	48	50	48.0
Malvern	Maximum	45	57	66	62	50	79	70	53	55	55	62	62	59	68	67	58	63	63	65	73	70	83	91	93	87	79	59	[illegible]	53	78	83	66.6
	Minimum	33	24	42	48	37	37	41	39	40	29	34	56	52	38	45	37	31	36	48	46	54	60	57	[illegible]	66	58	56	52	49	44	62	45.0
Mammoth Spg	Maximum	60	54	62	56	57	80	72	60	45	52	61	60	64	74	69	60	64	64	72	70	72	72	88	97	85	72	67	64	79	81	77	68.3
	Minimum	33	20	37	41	34	37	29	30	29	22	34	33	39	47	47	35	30	51	34	46	45	55	55	51	65	19	46	46	56	65	31	41.1
Marianna	Maximum	49	59	67	68	56	76	69	49	49	64	65	62	64	71	68	60	62	62	66	71	69	74	83	88	88	79	62	67	65	76	82	67.4
	Minimum	39	30	46	40	40	41	40	38	40	31	30	55	54	45	53	43	35	38	43	50	55	60	60	61	61	58	55	53	51	50	47	46.3
Marshall	Maximum	44	57	55	60	58	70	76	53	51	50	62	59	60	71	65	52	63	61	69	69	68	75	86	91	89	81	60	55	62	73	76	65.2
	Minimum	27	25	42	42	30	46	29	34	32	23	41	46	45	35	45	42	28	38	42	41	54	58	60	62	67	50	46	46	45	38	62	42.6
Mena	Maximum	47	57	51	58	62	78	70	54	59	59	59	58	56	69	60	56	63	61	72	73	66	79	86	89	83	73	64	62	68	79	78	66.2
	Minimum	30	30	44	43	37	42	40	40	42	29	40	54	49	39	41	37	33	26	41	45	54	55	57	[illegible]	65	57	53	50	46	44	63	45.9
Mount Ida	Maximum	51	60	55	58	63	81	63	53	58	58	65	61	56	69	62	59	64	60	73	74	68	81	90	91	85	77	66	62	70	81	81	67.6
	Minimum	30	21	44	42	37	49	41	32	37	21	34	55	44	37	44	38	26	50	36	39	51	57	58	46	67	59	56	50	43	38	63	42.9
Newport	Maximum	51	60	62	60	62	75	72	57	52	58	62	63	61	75	66	58	68	65	70	71	72	73	89	94	85	79	61	63	65	77	83	68.1
	Minimum	36	29	41	45	36	43	35	33	38	25	37	53	54	42	51	41	35	39	43	47	53	58	58	61	67	56	50	49	97	47	61	45.6
Pine Bluff	Maximum	50	65	73	65	65	82	74	62	62	63	69	66	67	77	69	64	70	67	72	79	75	76	92	95	90	79	71	75	72	87	86	72.9
	Minimum	35	31	40	47	40	46	44	41	42	30	38	56	52	45	50	41	34	38	57	46	56	60	66	57	67	[illegible]	[illegible]	52	52	47	64	47.8
Portland	Maximum	55	63	71	67	63	82	79	76	70	58	67	65	62	72	65	65	61	64	75	76	74	70	88	94	88	85	78	78	77	86	86	73.2
	Minimum	41	30	38	50	43	42	47	46	42	32	40	56	51	43	51	43	37	41	41	48	55	59	59	56	65	68	57	55	58	50	62	48.6
Prescott	Maximum	62	68	71	67	65	68	72	77	79	70	68	73	67	69	73	68	67	65	68	71	73	83	87	92	85	86	72	70	78	82	[illegible]	73.4
	Minimum	37	31	39	44	43	47	45	47	40	46	41	48	51	46	59	38	35	37	43	45	48	45	49	55	[illegible]	60	56	52	49	47	49	45.5
Rison	Maximum	56	62	72	70	63	80	79	64	61	69	68	66	65	71	74	64	66	66	69	75	75	76	91	92	91	85	70	71	71	83	85	72.5
	Minimum	36	31	41	47	40	44	45	42	41	30	40	56	52	41	45	39	31	41	45	46	57	66	57	68	66	60	56	52	51	49	63	47.3
Stuttgart	Maximum	49	61	70	61	59	77	72	54	53	55	65	63	64	71	65	45	64	64	69	74	72	74	89	92	86	80	63	67	67	79	84	[illegible]
	Minimum	[illegible]	39	51	40	45	[illegible]	37	40	29	40	50	54	42	51	43	34	42	46	49	58	61	58	62	65	65	55	49	50	47	61	44	47.6
Texarkana	Maximum	58	63	68	71	63	83	69	73	68	63	65	65	66	72	69	62	62	67	73	77	70	73	94	87	81	74	72	78	88	92	85	73.1
	Minimum	35	32	38	43	39	45	43	43	40	31	42	54	51	40	41	35	32	41	48	46	60	60	60	64	64	56	53	50	48	65	67	47.3
Thornburg	Maximum	48	58	57	56	59	78	65	49	54	55	65	63	53	68	62	55	58	61	69	73	69	78	89	89	86	68	61	61	68	78	82	65.6
	Minimum	33	20	42	44	35	34	35	37	32	24	40	51	42	30	44	37	34	32	41	41	53	53	50	60	65	58	49	45	45	35	61	42.2
Warren	Maximum	51	62	71	68	59	78	77	67	66	59	64	66	64	71	69	61	62	62	69	73	71	88	88	91	85	83	71	71	81	82	85	71.5
	Minimum	39	33	43	49	41	46	46	44	42	32	41	59	53	41	50	41	35	43	43	47	56	59	59	[illegible]	66	66	58	59	51	51	64	49.0
Wilson	Maximum	49	57	[illegible]	61	66	70	64	49	45	52	64	62	67	73	68	62	69	62	65	68	68	75	80	87	80	75	70	65	61	74	80	66.2
	Minimum	37	30	32	43	35	40	32	31	32	25	37	49	53	41	44	40	31	35	42	45	45	50	55	58	62	58	53	45	51	43	49	42.7
Wynne	Maximum	50	60	[illegible]	63	59	76	70	68	51	55	58	62	72	74	93	62	60	67	69	71	74	83	86	[illegible]	85	73	70	66	65	75	90	69.7
	Minimum	32	29	[illegible]	45	40	46	30	30	36	26	34	41	38	42	51	46	31	36	43	49	55	60	58	[illegible]	62	56	52	47	48	44	69	41.3

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

51.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., APRIL, 1929 No. 4

GENERAL SUMMARY

The outstanding features of the weather in Arkansas during April were the positive temperature and precipitation departures and destructive storms on the 10th, 14th, 20th, and 21st. The positive temperature departure for the month was brought about by a rather unusual condition. The first decade was unseasonably warm, daily means being as much as 18° above the seasonal average a few days, but after the 10th cooler weather prevailed the remainder of the month with daily means below normal most of the time.

The mean temperature for the month, as determined from the records of 58 stations, was 64.0° which is 2.6° above normal, all stations for which temperature normals have been computed showing positive departures. Monthly means ranged from 57.6° at Dutton to 70.6° at Junction, a difference of 13° between northwestern and southern sections of the State. Extremes ranged from 92° at Prescott on the 8th to 29° at Dutton on the 1st. Killing frost occurred in a few localities on the 1st and light frost at several stations about the 10th or 12th.

The average precipitation for 87 stations was 5.69 inches which is 0.81 inch above normal. Monthly totals ranged from 1.91 inches at Amity to 12.94 inches at Marshall. The number of rainy days was considerably above normal in some sections of the State, several stations reporting 12 to 18 days, the average for the entire State being 10. The heavy rains kept all streams at moderately high stages most of the month, the Black being above flood stage practically the entire month, the upper White above flood stage the 9th to the 11th and the lower White after the 20th. The Arkansas slightly exceeded flood stage at Fort Smith, Dardanelle, and Morrillton while the lower Arkansas was flooded most of the month by the high water on the Mississippi. Flood loss was not large, little farm work having been done and no crops planted.

The weather as a whole was rather unfavorable for farm work, the latter part of the month being too cool for cotton to germinate well and showers were too frequent for cultivation. Corn, where up and cultivated, was in good condition at the close of the month. There was too much rain for strawberries. W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 14; 2d, 4; 3d, 19; 7th, 18; 8th, 34; 9th, 21; 10th, 23; 11th, 3; 12th, 2; 13th, 13; 14th, 31: 15th, 5; 16th, 1; 17th, 4; 18th, 18: 19th, 7; 20th, 29; 21st, 10; 23d, 3; 24th, 38; 25th, 2; 27th, 15; 28th, 14; 30th, 40.

DENSE FOG:------10th, 2; 12th, 1; 16th, 2; 17th, 1.

SOLAR HALOS:---1st, 1; 4th, 1; 5th, 1; 7th, 1; 12th, 1; 18th, 3; 22d, 1; 29th, 2.

LUNAR HALOS:---16th, 1; 18th, 3; 19th, 2; 20th, 1; 29th, 1.

Wind, Hail, Tornadoes, April, 1929

Place	Date	Time	Character	Dir. from	width feet	Killed	Inj.	Damage
Almond	10	4.00pm	Tornado	wsw	....	0	0	$ 2,000
Calico Rock	10	3.00pm	Tornado	sw	650	0	0	Slight
Charlotte	10	5.00pm	Tornado	sw	600	0	0	Slight
Cord	10	5.00pm	Tornado	....	....	0	0	1,000
Diaz	10	6.20pm	Tornado	[illegible]	900	2	2	11,000
Guion	10	5.00pm	Tornado	w	1200	5	45	200,000
Harpel	10	4.50pm	Tornado	w	....	2	0	1,000
Lorado	10	7.45pm	Tornado	sw	3500	8	30	150,000
Monette	10	8.00pm	Tornado	sw	650	0	0	40,000
Moorefield	10	4.20pm	Tornado	wsw	500	0	10	20,000
Mount Pleasant	10	4.30pm	Tornado	sw	....	0	0	Slight
Mount Pleasant	10	5.00pm	Tornado	w	1000	0	3	15,000
Parkin	10	8.30pm	Tornado	wsw	300	1	4	70,000
Princedale(near)	10	8.30pm	Tornado	wsw	....	4	......	5,000
Princedale	10	8.30pm	Tornado	wsw	300	11	50	75,000
Smith's Chapel	10	8.30pm	Tornado	wsw	...	2	37	50,000
Swifton	10	6.30pm	Tornado	w	2640	23	32	155,000
Subiaco	14	pm	Tornado	sw	....	0	0	Slight
Buckner	20	3.30pm	Tornado	sw	....	0	0	1,000
Clinton	20	7.25pm	Tornado	sw	600	0	......	11,000
London	20	6.30pm	Tornado	sw	300	0	0	9,000
Oil City	20	8.45pm	Tornado	nw	225	0	3	13,000
Tillar	21	2.45pm	Tornado	w	....	12	2	1,000
Newport	10	....	Moderate Hail	....	....	......	......	Slight
Wynne	10	....	Moderate Hail	....	....	......	......	Consid'ble
Wynne	14	....	Moderate Hail	....	....	......	......	Slight
El Dorado	19	....	Moderate Hail	....	....	......	......	Slight
Lurton	20	6.15pm	Heavy Hail	....	....	......	......	Slight
Springbank	21	9.10pm	Heavy Hail	....	....	......	......	2,000
Oden	27	....	Moderate Hail	....	....	......	......	Slight
Helena	30	....	Moderate Hail	....	....	......	......	Slight
Norman	30	....	Moderate Hail	....	....	......	......	Slight
Mena	30	....	Moderate Hail	....	....	......	......	Slight

COMPARATIVE DATA FOR APRIL

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**61.4**		**99**		**18**		**4.88**		**13**	**8**	**9**	**8**
1891	62.8	+1.4	93	30	22	5	2.75	−2.13	15	10	5	8
1892	61.4	0.0	97	18	27	22	6.98	+2.10	12	9	9	10
1893	64.9	+3.5	94	4	29	15	7.16	+2.28	11	10	9	8
1894	63.1	+1.7	91	16	29	6	6.18	+1.30	14	8	8	9
1895	63.1	+1.7	98	30	30	3	1.99	−2.89	15	8	7	6
1896	67.8	+6.4	94	26	24	3	3.65	−1.23	12	12	6	5
1897	61.4	0.0	90	27	31	17	4.14	−0.74	12	11	7	9
1898	59.2	−2.2	93	30	19	6	3.09	−1.79	14	8	8	8
1899	60.7	−0.7	96	25	19	1	3.28	−1.60	16	11	9	7
1900	62.2	+0.8	96	23	24	3	4.98	+0.10	10	12	8	10
1901	58.1	−3.3	96	29	22	3	3.82	−1.06	14	8	8	6
1902	61.2	−0.2	96	29	25	1	2.87	−2.01	11	11	8	8
1903	60.6	−0.8	91	9	26	26	1.86	−3.02	13	10	7	6
1904	56.8	−4.6	89	23	24	10	3.88	−1.00	11	9	10	8
1905	61.1	−0.3	96	9	25	6	6.29	+1.41	9	10	11	11
1906	63.7	+2.3	97	11	27	1	2.55	−2.33	15	7	8	6
1907	54.9	−6.5	89	29	24	14	5.44	+0.56	10	7	13	9
1908	63.3	+1.9	94	21	24	30	6.32	+1.44	9	9	12	12
1909	60.9	−0.5	88	18	24	9	4.52	−0.36	15	7	8	8
1910	59.8	−1.6	90	30	22	25	5.14	+0.26	12	9	19	9
1911	60.5	−0.9	99	6	29	1	9.86	+4.98	10	9	11	12
1912	61.9	+0.5	93	15	26	1	8.14	+3.26	9	11	10	12
1913	61.2	−0.2	94	18	27	5	4.91	+0.03	17	6	17	6
1914	61.0	−0.4	94	16	19	9	4.57	−0.31	11	9	10	9
1915	64.3	+2.9	96	28	19	3	2.96	−1.92	14	8	18	5
1916	59.9	−1.5	92	14	24	9	3.65	−1.23	13	7	10	7
1917	60.4	−1.0	90	28	23	9	5.69	+0.81	14	7	9	9
1918	59.6	−1.8	96	2	25	10	7.63	+2.75	14	6	10	9
1919	61.6	+0.2	95	24	24	16	3.56	−1.32	14	6	10	7
1920	59.8	−1.6	94	22	21	11	5.49	+0.61	14	7	9	8
1921	59.8	−1.6	91	27	22	17	7.87	+2.99	14	6	10	9
1922	63.5	+2.1	90	7	26	1	5.54	+0.66	13	6	11	9
1923	61.4	0.0	95	24	23	1	6.30	+1.42	14	7	9	11
1924	61.4	0.0	94	14	18	1	4.99	+0.11	14	6	10	8
1925	67.4	+6.0	98	15	28	30	2.62	−2.26	14	9	7	6
1926	59.1	−2.3	94	29	18	1	2.65	−2.23	15	6	9	7
1927	65.7	+4.3	99	27	26	22	12.93	+8.05	12	7	11	12
1928	57.3	−4.1	87	1	22	19	8.52	+3.64	13	5	12	9
1929	64.0	+2.6	92	8	29	1	5.69	+0.81	11	7	12	10

Corrections: March, 1929

Fort Smith: Greatest precipitation in 24 hours should be 2.30 inches on 27-28; percent sunshine 65.

Helena: Greatest 24 hour precipitation should be 0.92 inch on 23d.

Marshall: Lowest temperature should be 23° on 10th.

Mount Ida: Monthly mean should be 55.2; departure +2.0.

Newport: Greatest 24-hour precipitation should be 1.38 inches on 4th.

Climatological Data for April, 1929

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	34	69.8	+8.6	86	6	37	11	41	1.91	−3.71	0.57	0.0	7	9	10	11	s.	G. C. Thrash
Arkadelphia	Clark	250	33	......	......	......	......	......	......	......	2.97	−2.42	1.33	0.0	11	11	5	14	n.	W. K. Brown
Arkansas City	Desha	145	45	......	......	......	......	......	......	......	5.06	+0.40	1.46	0.0	7	11	1	18	......	Grady F. Jones
Arlberg	Stone	700	7	......	......	......	......	......	......	......	8.08	......	1.86	0.0	11	6	9	15	ne.	J. D. Reeves
Batesville	Independence	277	30	60.3	+1.4	83	4†	34	2	40	7.46	+2.78	1.94	0.0	14	15	1	14	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	62.7	+1.8	84	4	35	12	39	9.38	+4.41	2.82	0.0	13	6	11	13	s.	J. E. Scanlan
Bentonville	Benton	1303	24	60.4	+3.5	82	4	33	1	32	7.85	+3.96	2.70	0.0	15	17	9	4	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	......	......	......	......	......	......	......	9.38	+3.97	2.12	0.0	14	15	2	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	4	63.7	......	82	6	42	16	31	7.95	......	1.74	0.0	14	13	4	13	sw.	W. Ebner
Booneville	Logan	465	15	65.6	+4.0	88	12	37	1†	51	4.70	+0.51	1.55	0.0	9	11	3	11	e.	F. H. Randolph
Brinkley	Monroe	205	42	64.4	+3.7	84	4†	38	12	38	5.97	+0.55	1.59	0.0	12	11	7	12	se.	R J. Torry
Calico Rock	Izard	361	25	60.8	+2.7	89	4	35	2†	43	7.55	+2.86	2.15	0.0	14	7	16	7	s.	W. J. Copp
Camden	Ouachita	158	44	65.2	−1.5	86	6†	36	12	41	3.40	−1.54	1.49	0.0	9	12	2	16	s.	A. B. Quarterman
Center Point	Howard	470	30	66.1	+3.4	89	28	40	1	40	2.40	−2.95	0.81	0.0	9	9	10	11	s.	John C. Floyd
Clarendon	Monroe	200	25	......	......	......	......	......	......	......	7.02	+0.69	1.58	0.0	12	11	5	14	s.	J. W. Bishop
Clinton	Van Buren	516	8	......	......	......	......	......	......	......	5.92	......	1.29	0.0	10	8	9	13	nw.	A. L. Stephens
Conway	Faulkner	309	46	65.2	+3.7	87	6	39	12	39	6.20	+1.55	1.97	0.0	7	14	7	9	s.	E. E. Cordrey
Corning	Clay	293	36	62.4	+2.8	85	6	40	16	33	10.02	+5.14	3.36	0.0	10	15	4	11	s.	Winfred D. Polk
Corning (river)	Clay	280	5	......	......	......	......	......	......	......	8.78	......	2.60	0.0	12	13	5	12	......	Henry Stafford
Cotter	Marion	408	2	......	......	......	......	......	......	......	5.16	......	1.67	0.0	8	7	9	14	n.	J O. Linck
Crossett	Ashley	175	14	67.6	+4.3	85	7†	41	12†	40	5.95	+1.43	2.25	0.0	11	9	10	11	sw.	A. E. Wackerman
Danville	Yell	327	13	......	......	......	......	......	......	......	3.44	−0.48	1.56	0.0	4	10	4	16	w.	C. G. Hudson
Dardanelle	Yell	330	43	65.4	+4.0	88	4	40	1†	39	5.75	+1.71	1.57	0.0	8	10	18	2	w.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	2	......	......	......	......	......	......	......	4.83	......	1.35	0.0	10	13	2	15	......	H. G. Pate
Dumas	Desha	162	23	65.2	+2.4	88	3†	42	12	33	3.85	−1.10	1.90	0.0	9	1	23	6	s	Ben Johnson
Dutton	Madison	1590	26	57.6	+1.6	80	4	29	1	41	7.33	+1.57	1.81	0.0	12	9	13	8	s.	J. M. Ricketts
El Dorado	Union	270	28	68.3	+4.9	88	6†	43	12	36	5.08	−0.01	1.45	0.0	10	6	13	11	se.	J. J. Babb
England	Lonoke	229	22	65.8	+3.7	86	3†	42	2	36	4.68	−1.56	1.57	0.0	10	11	7	12	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	62.0	+3.6	84	4	31	1	32	8.69	+4.02	1.90	0.0	15	9	10	11	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	61.2	+3.2	81	4	31	1	33	6.90	+2.38	1.50	0.0	18	9	10	11	s.	University of Arkansas
Fort Smith	Sebastian	457	48	64.4	+2.6	85	20	39	1	36	3.78	−0.16	1.72	0.0	7	6	14	10	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	5	......	......	......	......	......	......	......	6.17	......	1.20	0.0	10	12	6	12	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	......	......	......	......	......	......	......	3.58	−0.85	1.36	0.0	6	9	5	16	......	T. J. Logan
Georgetown	White	200	17	......	......	......	......	......	......	......	6.43	+0.68	2.19	0.0	15	9	5	16	......	W. R. Owens
Gilbert	Searcy	675	6	......	......	......	......	......	......	......	7.67	......	1.60	0.0	12	5	17	8	......	Ben F. Battenfield
Grannis	Polk	900	10	63.3	......	86	28	33	12	41	5.73	......	1.84	0.0	13	10	9	11	sw.	W. E. McVay
Gravette	Benton	1250	32	59.6	+3.0	82	4	30	1	35	9.11	+5.00	2.45	0.0	11	9^{a}	9^{a}	11^{a}	s.	A. F. Stevens
Harrison	Boone	1052	28	62.4	+5.7	91	4	32	1	47	7.25	+2.65	1.83	0.0	11	14	8	8	......	G. L Wright
Helena	Phillips	250	57	64.4	+2.0	85	5†	40	12†	36	6.83	+1.15	2.90	0.0	13	5	7	18	s.	James A. Burnett
Higden	Cleburne	445	11	......	......	......	......	......	......	......	7.49	......	1.89	0.0	13	7	8	14	s.	Geo. W. Baker
Hope	Hempstead	377	58	66.4	+3.2	91	29†	38	12	39	3.29	−2.17	1.35	0.0	6	12	10	8	ne.	N. P. O'Neal
Hot Springs	Garland	600	38	64.6	+2.1	86	7†	29	1	40	5.62	−0.40	1.80	0.0	10	18	11	1	......	G. C. Bolton
Index ‡‡	Little River	275	4	......	......	......	......	......	......	......	2.95	......	1.25	0.0	8	7	1	22	......	H. G. Sanderson‖
Jessieville	Garland	750	3	......	......	......	......	......	......	......	......	......	......	......	..	..	..	.	......	U. S. Forest Service
Jonesboro	Craighead	345	34	63.4	+2.2	85	4†	41	12	36	5.48	+0.68	1.30	0.0	10	16	2	12	sw.	Benedictine Sisters
Junction ‡‡	Union	182	35	70.6	+5.0	89	10	46	26	33	4.28	−0.59	1.97	0.0	6	17	6	7	sw	J. A. Lowderback
Lambrook	Phillips	155	6	......	......	..	..	..	..	..	......	......	......	......	..	..	..	..	......	Mrs. D. C. White
Lead Hill	Boone	650	2	61.6	......	88	4	32	12	45	5.94	......	1.79	0.0	11	15	3	12	w.	J. H. Crosswhite
Little Rock	Pulaski	357	50	61.7	+2.6	84	4	44	1	29	4.93	−0.26	1.41	0.0	12	7	7	16	s.	U. S. Weather Bureau
Lurton	Newton	2100	4	57.2^{d}	......	80^{d}	4	32^{1}	1	31^{d}	6.51	......	1.65	0.0	12	10^{d}	6^{d}	10^{d}	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	31	62.[illegible]	+2.7	86	4	38	1†	36	6.19	+1.73	1.85	0.0	10	7	7	16	e.	H. G. Lenhardt
Magnolia	Columbus	315	10	67.6	......	87	6†	41	12	38	4.60	......	1.35	0.0	7	11	15	4	w.	State Agri. School
Malvern	Hot Springs	277	42	64.2	+3.1	83	28	37	12	41	3.87	−1.30	1.10	0.0	13	12	8	10	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	24	61.1	+2.7	88	4	34	2	39	6.05	−0.83	1.97	0.0	10	15	5	10	nw.	L. G Humphrey
Marianna	Lee	235	17	65.6	+5.1	83	7	45	12	35	5.99	+2.12	1.49	0.0	11	16	9	5	s.	C. N. Houck
Marked Tree	Poinsett	229	24	62.2	+0.3	81	5†	41	16	30	5.68	+0.09	1.53	0.0	15	10	10	10	n.	Charles Walton
Marshall	Searcy	1070	15	62.4	+1.6	86	5	35	1	42	12.94	+6.84	3.40	0.0	13	9	4	17	sw.	A. J. Parks
Mena	Polk	1185	41	63.5	+2.1	84	20	36	1	39	4.01	+0.25	0.92	0.0	13	8	13	9	nw.	E. W. St. John
Morrillton	Conway	347	8	65.4	......	84	4	40	12	34	4.46	......	1.35	0.0	8	9	8	13	se.	John Cook
Mountain Home	Baxter	800	15	61.8^{i}	+1.4	88^{i}	6	34^{i}	1†	43^{i}	4.73	+0.53	1.80	0.0	7	8^{i}	0^{i}	13^{i}	w.	B. S. Halbert
Mount Ida	Montgomery	650	30	64.0	+2.6	85	4†	32	12	46	5.54	−0.17	1.38	T.	9	11	7	12	sw.	G. A. Whittington
Newport	Jackson	231	45	64.6	+2.8	86	4	41	2	37	5.62	+0.63	1.35	0.0	15	8	11	11	n.	A. C. Wilkerson
Norman	Montgomery	750	2	......	......	......	......	......	......	......	5.51	......	1.80	0.0	7	9	14	7	......	U. S. Forest Service
Oden	Montgomery	800	3	......	......	......	......	......	......	......	2.80	......	1.35	0.0	5	7	9	14	sw.	U. S. Forest Service
Osceola	Mississippi	240	31	63.6	+3.9	82	5	41	17	30	5.11	+0.85	1.35	0.0	10	8	7	15	s.	June Thomason
Ozark ††	Franklin	396	33	61.6	−0.8	86	6	37	3	40	3.92	−0.62	1.40	0.0	10	13	2	15	nw.	Isham Burrow
Paragould	Greene	301	3	......	......	......	......	......	......	......	5.53	......	1.23	0.0	11	15	6	9	s.	W. R. Heagler
Patterson	Woodruff	196	13	......	......	......	......	......	......	......	5.74	−0.57	1.45	0.0	11	12	2	16	s.	W. E. Baker
Piggott	Clay	307	5	......	......	......	......	......	......	......	5.50	......	1.13	0.0	13	12	5	13	sw.	V. C. Wright
Pine Bluff	Jefferson	215	42	67.8	+3.4	89	5†	42	12	39	4.96	−0.54	2.60	0.0	12	13	5	12	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	61.6	+1.6	86	6	35	2	38	7.66	+2.88	1.16	0.0	14	10	7	15	n.	Benedictine Sisters
Portland	Ashley	122	23	65.2	+4.5	89	4†	42	12	36	6.07	+0.77	1.43	0.0	8	7	13	10	s.	W. E. Edmiston
Prescott	Nevada	329	41	67.4	+4.5	92	8	40	12	38	3.03	−2.36	1.32	0.0	7	12	2	16	w.	C. D. Calhoun
Princeton	Dallas	287	23	......	......	......	......	......	......	......	2.82	−2.70	1.70	0.0	4	21	1	8	......	Mrs. F. P. Coleman
Rison	Cleveland	243	28	67.4	+4.4	87	3†	39	12	41	5.03	+0.46	2.10	0.0	12	10	7	13	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	61.7	+3.6	84	4	32	1	40	8.12	+3.77	2.02	0.0	8	9	8	13	w.	Carl A. Starck
St. Francis	Clay	290	2	......	......	......	......	......	......	......	5.26	......	0.89	0.0	11	20	0	10	......	S. T. Rooney
Searcy	White	236	20	63.4	−1.8	84	6	38	12	39	5.59	+0.15	1.60	0.0	15	13	8	9	s.	J. T. Bell
Springbank ‡‡	Miller	249	22	......	......	......	......	......	......	......	7.34	−0.08	1.88	0.0	9	12	0	18	......	Miss Grace Field
Story	Montgomery	700	5	......	......	......	......	......	......	......	5.03	......	1.80	0.0	9	15	3	12	s.	S. C. Story
Stuttgart	Arkansas	228	42	65.6	+3.6	85	4†	40	11†	38	5.32	+0.10	1.60	0.0	13	9	12	9	se.	Adam F. Buerkle
Subiaco	Logan	1050	32	65.2^{c}	+4.1	86^{c}	4	38^{c}	1†	39^{c}	4.65	+0.37	0.78	0.0	9	11	3	16	s.	New Subiaco Abbey
Texarkana	Miller	332	43	67.6	+3.8	88	6†	39	1	43	3.67	−1.56	1.64	0.0	6	15	8	7	s.	H. S. Brashear
Thornburg	Perry	650	5	62.4	......	84	4	31	12	44	6.72	......	1.34	0.0	13	10	10	10	s.	Edward E. Holmes
Waldron	Scott	675	10	......	......	......	......	......	......	......	2.49	......	1.08	0.0	9	4	10	16	sw.	Dr. Cheves Bevill
Warren	Bradley	206	35	67.4	+4.8	86	3†	43	12	34	2.37	−2.98	1.00	0.0	6	10	17	3	ne.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	......	......	......	......	......	......	......	6.78	......	1.92	0.0	7	9	5	16	w.	J. R. Huddleston
Whitecliffs	Little River	290	25	......	......	......	......	......	......	......	2.59	−3.52	1.22	0.0	8	8	3	19	e.	Nannie O. Schirmer
Wilson	Mississippi	237	4	63.2	......	81	5†	40	1†	40	5.90	......	1.75	0.0	9	9	8	13	e.	M. W. H. Collins
Winslow	Washington	1734	14	59.3	......	80	4	31	1	34	6.32	......	2.02	0.0	11	5	15	10	s.	O. H. Black
Wynne	Cross	250	21	61.6	+0.3	83	7	39	12†	36	10.26	+4.69	2.01	0.0	12	12	6	12	s.	R. T. Cobb
Yancopin	Desha	167	5	......	......	......	......	......	......	......	4.62	......	2.07	0.0	12	8	5	17	......	W. E. Barton
State Means	and Extremes			64.0	+2.6	92	8	29	1	51	5.69	+0.81	3.40	T.	10	11	7	12	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for April, 1929

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.18							.25	.20					.12						.07				.57						.52		1.91
Arkadelphia	Ouachita	.10		.02						.60		.22		.08	.02	.28					.17	.12				1.33			.03				2.97
Arkansas City	Mississippi									.80	.10	.08				.66					1.46	.58				1.38							5.06
Arlberg	White	.50		.10					1.41	.90					.86				.92		.24	1.86			.57				.38		.34		8.08
Batesville	White	.44			.23				.76	1.94	T.	.48			.73	.23	T.		.22	.04	.09	1.20				.50	.02		.58				7.46
Bee Branch	Arkansas	.46	.10	.12					1.62	2.82	.10			T.	.70				.96		.12	.46			.62				.60		.70		9.38
Bentonville ***	Arkansas			.31				1.38	1.32	.01				1.36	.51			.20	.81	.04	.99	T.			.22	.02		.04	.37		.27		7.85
Black Rock	White	.75		.17	.36				.39	1.92	.06	1.84		.09	.87	.01					.06	2.12				.22			.52				9.38
Blytheville	Mississippi			1.04				.06	1.09	.06	.82		.03	1.12	.16	.02					.72	.02			.67			1.74			.40		7.95
Booneville	Arkansas		.16	.01					1.31	.39					.34				.06						.45				.43		1.55		4.70
Brinkley	White	.52							.38	1.59	.10			.06	T.	.80	.17		.16	.22	.37					1.30			.30				5.97
Calico Rock	White	.54		T.	.09				1.49	2.15	T.	.15		T.	1.11	.24			.40	.01	.04	.68				.37	.02		.26				7.55
Camden	Ouachita	.09								.35		.08		.02						.18	.60	.49			.10	1.49							3.40
Center Point	Red	.45	T.					T.	.42	.27				.23	.02				T.	T.	.12				.81	.05			T		.08		2.40
Clarendon	White	.42							1.21	1.58	.16	T.		.02		.88			.28	.22	.55		.97			1.55			.08				7.92
Clinton	White			.35				.07	1.29	.76					.81				1.01		.29				.54				.31		.49		5.92
Conway	Arkansas	.40							1.05	.28	.02				1.97										.79						1.69		6.20
Corning	White	.83			3.36				.30	1.52		1.57			1.07	.08					.77					.16			.36				10.02
Corning (river)	White	.80			2.60				.15	1.22	.08	1.68			.70	.38	.07					.66				.15			.29				8.78
Cotter	White			T.	.07				1.10	1.67	T.	T.			1.22	.20			.15		T.					.48	T.		.27				5.16
Crossett	Ouachita								T.	2.25	.01				.02	.55					.72	1.02		.04		1.14		.02	.02	T.	.16		5.95
Danville	Arkansas	.28							1.56	1.29						T			T.							.31							3.44
Dardanelle	Arkansas	1.57		.04					1.46	1.38						.43			.20							.57			.10				5.75
De Valls Bluff	White	.40							.38	1.09	.11	T.		T.	T.	.54			.26	.30	.26					1.35			.14				4.83
Dumas	Mississippi				T.				1.90	.10	.08			T.	.05	T.			.04		.48	.25	T.		.80						.15		3.85
Dutton	White	.12		.12				.13	1.51	.79				T.	1.81	.08			.82		.36	T.			1.23	T.		T.	.22		.14		7.33
El Dorado	Ouachita	.01								1.40		.02		.04	.02	.50					1.42	.12			.10	1.45					T.		5.08
England	Arkansas	.40							.48	.28				.02	.60				.10		.18				1.57	.02		T.			1.03		4.68
Eureka Springs	White	.34		.48					1.90	.75				.10	1.48	.11			1.34	.03	1.07				.37	.10		.10	.25		.27		8.69
Fayetteville	White	.04		.69			T	.02	1.50	.99				.31	1.42	.07	T.		.51	.02	.42	.02	.03	T.	.21	.11	.02	T.	.34		.18		6.90
Fort Smith ***	Arkansas		T.	T.		T.	T.	T.	1.72				T	.18	.34	T.		.01	T.	.01	T.	T.	T.		.61	T.		T.	T		.91		3.78
Freeman Sprgs.	Arkansas	.75			.32				1.20	.75					.50	.10			1.10			.47				.56			.42				6.17
Fulton	Red	.14		T.					.70	.97		T.		T.	T.					T.	.22				.19	1.36			T.				3.58
Georgetown	White	.16		.26	.07				.18	.78	T.	.43		.06	.04	2.10			.22	.05	.13	.18				1.25			.52				6.43
Gilbert	White			.09					1.40	1.13	.12				1.22				1.10	.15	1.60				.30	.01		.35			.20		7.67
Grannis	Red	.36	.07	T.				.10	.72	1.84				.58	.10					.10	.28				1.20	.22		.02	T.		.14		5.73
Gravette	Arkansas			.15				2.45	.46				1.53		1.45				.45	.50	1.68	T			.14	T.			.09		.21		9.11
Harrison	White			.20					1.81	.55					1.83				1.03		.16				.40	.23		.76		.23	.05		7.25
Helena	Mississippi	.20							.01	2.90	.20			.03		.70			.12	.24	.46	1.11	.08			.62			.16				6.83
Higden	White	.34		.14					1.89	1.16				T.	1.02	.32			.32		.03	.71			.69		.01	.30			.56		7.49
Hope	Red	.25						.85	.49					T.					T.	T.	.30				1.35						.05		3.29
Hot Springs	Ouachita							.10	.30	.60				.30	.45				.42						1.40	.10		.15			1.80		5.62
Index	Red	.25							.62	.33				.04							.28				.15	1.25			.03				2.95
Jessieville	Ouachita																																
Jonesboro	White	.38			.38				T.	.90		.45			.50	.10					.14	.70				.63			1.30				5.48
Junction	Ouachita								.25	.45	T.					.68						.51			1.97						.42		4.28
Lambrook	White																																
Lead Hill	White	.08		.08				T.	1.79	.43				T.	1.55	.04		T.	.72		.27	T.			.39	T.		T.	.40		.19		5.94
Little Rock ***	Arkansas		T.					.02	1.28	.08	.26			.02	.35	T.			.22		.04				.79			.44	.02		1.41		4.93
Lurton	White			.07				.08	1.65					.02	.99	.05			1.10		1.31		.02		.54			.02			.69		6.54
Lutherville	Arkansas		T.	.13				.03	1.85	.48				T.	.45			T.	.60		.06				1.52			T.	.56		.51		6.19
Magnolia	Red								.10				.94		.16						1.12	.73			1.35						.20		4.60
Malvern	Ouachita	.40							.30	.76	.02			.05	.10	.50			.20		.04	.10			.07	1.10			.23				3.87
Mammoth Spg.	White		T.	.63				.93	1.97	.05	.50			.89	.35					.08	T.				.50			.15			T		6.05
Marianna	Mississippi	.21							1.49	.63	.02	.05				.76					.50		.05		1.22					.05	1.01		5.99
Marked Tree	Mississippi			.04	.25				.05	1.53	.04	.50		.01	.28	.85			.03		.35	.44	.01			1.01			.29				5.68
Marshall	White	1.14		.11					3.40	.84	.60				1.35	.08			1.02		.02	3.05			.40				.65		.28		12.94
Mena	Ouachita	.63	.21	.03					.52	.74	.02			.44	.18	.05			.09		T.	.02			.16						.92		4.01
Morrilton	Arkansas	.44							1.35	1.21	T.				.22	.42			.20						.52				.10				4.46
Mountain Home	White			.60				T.	1.25						1.80				.55		.25		.03								.25		4.73
Mount Ida	Ouachita	.79	.09						1.02	.82				.58	.05										.71				.10		1.38		5.54
Newport	White	.47							.21	.71	.11	.38		.01	.31	.58	.03		.10	.02	.09	1.35				.64			.61				5.62
Norman	Ouachita		T.					.10		1.80				.81	.20						T.				1.30			.15			1.15		5.51
Oden	Ouachita								1.35						.40				.15										.15		.75		2.80
Osceola	Mississippi			.56				T.	1.35	.15	.45			.30		.65					.15	.55				.25			.70				5.11
Ozark	Arkansas	.37			.20					1.40				T.	.35	.10			.10	.04	T.				.10	1.10			.16		T.		3.92
Paragould	Mississippi			.24				.20	.75	T.	.35			.90	.12					.21	.85				.39			1.23			.29		5.53
Patterson	White	.39							.46	.42	.09	.02			.47	1.45					.41	.71				1.04			.28				5.74
Piggott	Mississippi	.82		.93	.08				.65	.25		.40			1.13	.02					.18	.26			.18				.51		.09		5.50
Pine Bluff	Arkansas	.22							T.	.88	.16	.62		T.	.03	.34			.01	T.	.38	.20	.10		.02	2.00				T.			4.96
Pocahontas	White	.82		.70				.12	1.16	.92		1.20		.10	1.12	.10					.10	.76			.30				.20		.06		7.66
Portland	Ouachita									1.43	.08				.03	.42					1.28	1.38	.87			1.08							6.07
Prescott	Ouachita	T.						.04	1.19		T.		T.						.02	.21				.17	1.32						.08		3.03
Princeton	Ouachita									.55											.42				.15	1.70							2.82
Rison	Ouachita	.15							.50	.10	T.			.05	.10	.25			.31		.37	.10			.15	2.10					.85		5.03
Rogers	White			2.02					2.02					T.	1.34				1.16	T.	.72	T.			.46	T.		T.	.19		.21		8.12
St. Francis	Mississippi	.84			.56				.32	.69	.10	.68			.89	.32						.49				.16			.21				5.26
Searcy	White	.38		.14					.23	.90	T.	.09		.02	.18	1.60			.45	.08	.33	.21	T.			.73	.02	.23					5.59
Springbank	Red	.07							T.	1.42		.70		.30	T.	.07					1.25	1.88	T.		.20	1.45			T.		T.		7.34
Story	Ouachita			.70					.20	1.80					.12	.15								.30	.68			.10			.98		5.03
Stuttgart	Arkansas			.18				.04	.67	.18	.07				.46			.19	.22	.20	.03				1.60			.03			1.45		5.32
Subiaco	Arkansas	.02	.01	.01				T.	.78	.36					2.00				.32		T.				.36				.06		.73		4.65
Texarkana	Red	.28							.10	1.64					.10						.15				1.40								3.67
Thornburg	Arkansas	.40							1.02	.62	.61			T	.63	.65			.23	T.	.25	.17			.76			.03	.01		1.34		6.72
Waldron	Arkansas		.16					.04	.56	.06				.02	.22				.04	T.					.31						1.08		2.49
Warren	Ouachita			T.					T.	1.00	T.	T.		T.	T.	.25			T.	T.	T.	.20			.10	.47					.35		2.37
Waters	Ouachita		.17						1.52	1.92			.98	.27											.65						1.27		6.78
Whitecliffs	Red	.09			.02				.30	.45				.38	.03						.10	T.				1.22			T.				2.59
Wilson	Mississippi	.40			.20					1.75	.25	.50			1.20							.10				1.40			.10				5.90
Winslow	Washington			.01		T.	T	.04	1.15	1.50					2.02	.09			.13	T.	.17	T.	T		.75			T	.37		.09		6.32
Wynne	Mississipp			.41	.45				.59	1.01	1.20			T.	2.01	T.					.40	.30			1.30			.30	.30		2.01		10.28
Yancopin	Arkansas	.01			.05					2.07	.05				T.	.30	.07			.02	.60	.13	.62			.68			T.	.02			4.62

Daily River Stages for April, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	28	26	27	28	29	30	31
Fort Smith	Arkansas	22	15.9	14.5	13.2	12.0	10.9	10.7	11.3	10.7	12.7	18.3	21.0	20.0	17.1	14.7	15.7	21.7	22.7	19.3	17.4	16.3	17.3	21.8	23.9	25.0	24.6	21.9	21.7	19.7	18.7	18.0	
Ozark	do	22	12.6	11.3	9.8	8.8	7.5	7.0	7.0	7.6	9.1	12.3	16.0	16.4	14.4	11.3	11.6	15.0	18.2	16.7	14.2	12.9	12.6	13.3	18.4	19.7	17.6	18.9	17.2	15.8	15.0	14.6	
Dardanelle	do	20	15.6	15.0	13.4	11.9	10.7	9.5	8.9	8.6	13.0	14.5	17.8	19.2	18.3	15.5	14.1	14.8	19.4	20.6	17.8	15.7	15.2	15.0	19.0	21.5	23.0	22.5	20.9	19.8	18.0	16.6	
Morrilton	do	20	13.8	14.5	13.0	11.7	10.4	8.9	8.0	7.5	11.0	12.3	16.0	18.4	18.4	16.0	14.0	13.9	17.5	19.8	18.4	16.0	14.5	14.0	17.5	20.0	21.8	22.2	20.6	19.4	18.7	16.8	
Little Rock	do	23	12.1	14.4	13.9	12.9	11.8	10.4	9.3	8.5	9.0	12.9	14.4	17.0	17.9	16.8	15.2	14.0	14.8	17.8	18.1	17.5	15.0	14.1	14.5	17.3	19.0	19.9	19.8	18.4	18.0	16.8	
Pine Bluff	do	25	14.5	17.5	18.3	17.7	16.8	15.8	14.8	13.9	13.4	15.3	17.6	19.7	21.3	21.7	20.6	19.3	18.6	20.4	22.2	22.1	20.8	19.6	18.9	20.2	22.3	23.7	24.4	23.7	22.7	22.2	
Yancopin	do	29	39.0	39.1	39.2	39.4	39.4	39.3	39.5	39.6	39.8	39.9	40.0	40.2	40.0	40.7	41.0	41.2	41.2	41.2	41.3	41.4	41.4	41.4	41.3	41.1	41.0	41.0	41.1	41.1	41.0	40.9	
Danville	Petit Jean	20	12.2	14.1	11.8	9.9	8.8	7.3	7.1	7.9	20.4	21.1	20.1	17.6	13.5	11.2	8.2	7.4	6.6	5.6	4.8	5.5	5.1	4.3	4.0	3.9	3.7	3.6	3.5	3.2	3.1	3.0	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	4.5	4.9	5.6	6.1	6.3	5.9	5.7	5.0	12.8	18.2	19.5	17.6	12.7	10.3	11.9	12.7	13.9	12.1	10.2	10.8	11.5	14.3	11.8	9.8	8.7	8.1	7.5	7.3	7.0	6.6	
Calico Rock	do	22	4.7	5.9	5.6	5.4	6.0	5.5	5.2	5.1	18.2	22.1	20.7	19.3	14.9	11.6	14.1	15.2	14.5	13.6	12.2	11.7	11.6	15.2	13.2	10.5	9.1	8.2	7.5	7.0	6.9	6.3	
Batesville	do	26	11.8	11.9	11.9	11.9	11.9	12.0	11.5	11.3	22.5	28.2	28.6	27.4	25.0	20.2	20.2	22.4	21.8	21.4	19.5	19.0	22.0	22.1	21.5	19.0	17.1	15.7	14.8	14.0	13.7	13.2	
Newport	do	20	13.4	14.3	15.0	14.9	14.8	15.2	15.3	15.3	17.5	23.3	26.4	28.4	29.3	29.0	28.1	27.8	27.8	27.7	27.4	26.8	26.6	27.0	27.3	27.1	26.5	25.4	24.4	23.4	22.5	21.7	
Georgetown	do	21	19.2	19.0	18.9	18.8	18.7	18.6	18.4	18.2	18.2	19.0	19.9	21.7	22.2	23.2	24.3	25.0	25.3	25.4	25.4	25.4	25.4	25.8	25.4	25.3	25.4	25.2	25.0	24.7	24.3	23.8	
De Valls Bluff	do	34	21.6	21.7	21.7	21.7	21.6	21.6	21.5	21.5	21.5	22.5	21.5	21.6	21.9	22.4	23.3	24.3	25.0	25.5	25.9	26.0	26.1	26.2	26.2	26.1	26.2	26.2	26.1	26.0	25.9	25.6	
Clarendon	do	12	26.5	26.5	26.5	26.5	26.6	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.9	27.1	27.6	28.1	28.8	29.3	29.8	30.1	30.3	30.4	30.5	30.6	30.7	30.7	30.7	30.6	30.6	30.5	
Gilbert	Buffalo	14	7.4	6.3	5.8	5.7	5.5	5.4	5.3	6.0	14.5	9.8	7.9	6.9	6.2	7.5	7.0	6.8	6.6	7.0	9.0	8.0	13.0	7.7	6.9	6.2	6.2	6.0	5.8	5.8	5.6	5.5	
Black Rock	Black	30	12.0	11.5	11.0	13.3	15.0	15.6	15.8	15.6	19.0	22.2	22.7	21.7	20.7	20.7	22.0	22.2	21.8	21.6	21.2	21.1	21.9	21.3	20.7	20.1	19.7	19.2	18.0	17.1	16.5	16.0	
Camden	Ouachita	28	12.8	12.1	12.8	12.8	12.3	12.1	11.4	11.4	10.0	9.7	13.3	13.8	19.7	15.5	13.8	12.1	12.3	11.9	11.2	11.0	11.0	11.0	10.4	8.6	8.3	12.0	15.7	16.0	14.0	12.1	
Fulton	Red	44	10.6	13.3	16.0	16.4	15.1	13.9	12.8	12.2	12.1	13.2	16.0	17.2	17.7	17.2	16.3	15.1	14.3	13.6	12.5	11.5	10.7	10.2	9.8	9.4	9.8	9.6	9.4	9.3	9.2	9.2	
Helena	Mississippi	48	49.7	49.5	49.5	49.5	49.5	49.7	49.9	50.1	50.6	50.8	51.0	51.1	51.2	51.1	50.9	50.7	50.3	50.0	49.7	49.4	49.2	49.0	48.7	48.4	48.1	47.8	47.3	46.9	46.5	46.1	
Arkansas City	do	48	53.4	53.5	53.5	53.6	53.6	53.8	53.9	54.0	54.1	54.3	54.4	54.6	54.7	55.0	55.2	55.4	55.5	55.5	55.5	55.4	55.5	55.5	55.4	55.3	55.2	55.0	54.9	54.9	54.8	54.7	

Daily Temperatures for April, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	76	76	83	84	85	86	84	77	82	84	78	78	72	71	72	74	80	82	81	81	78	71	80	78	72	75	72	80	84	85		78.7
	Minimum	43	50	59	64	60	63	63	62	60	58	37	40	41	40	52	40	40	41	48	51	62	51	50	44	58	45	48	[illegible]	52	56		50.9
Batesville§§	Maximum	64	70	72	83	82	83	81	65	76	76	66	72	68	64	56	68	77	71	75	73	76	69	73	67	65	74	69	81	74	68		71.9
	Minimum	42	34	40	56	61	66	66	59	58	55	45	35	41	52	49	37	37	43	50	58	57	52	38	45	56	42	43	51	45	48		48.7
Bentonville	Maximum	61	69	73	82	80	79	73	72	69	76	56	73	67	66	59	66	71	65	70	81	59	65	74	71	57	70	67	78	79	73		70.0
	Minimum	33	40	58	67	66	65	57	57	56	52	38	41	54	54	45	40	44	53	57	54	48	46	45	57	49	41	47	54	51	56		50.8
Bee Branch	Maximum	77	64	76	84	82	83	81	79	77	81	79	73	70	65	65	70	79	74	73	74	75	68	73	71	65	72	71	83	82	73		74.6
	Minimum	38	37	49	58	62	65	63	55	57	56	50	35	52	50	48	37	40	52	51	60	61	50	44	52	49	46	46	54	52	54		50.8
Blytheville	Maximum	72	72	70	80	80	82	81	76	71	75	74	72	70	64	61	64	74	73	79	77	79	67	75	71	66	72	69	79	75	71		73.0
	Minimum	45	44	56	58	66	65	65	60	61	52	54	43	54	53	52	42	43	49	54	62	59	52	47	57	61	52	52	61	54	58		54.4
Booneville	Maximum	77	64	83	87	84	83	80	75	78	84	73	88	72	73	68	74	81	79	78	83	81	78	78	75	72	74	69	84	81	73		77.6
	Minimum	37	41	56	64	67	69	69	60	58	62	46	37	56	52	53	39	42	55	58	66	64	51	44	56	50	42	51	57	48	57		53.6
Brinkley	Maximum	80	71	82	84	84	84	93	73	76	80	74	72	68	64	61	67	78	75	78	76	81	68	75	68	68	71	70	81	80	73		74.8
	Minimum	45	41	55	61	65	67	62	59	63	61	49	38	53	57	52	43	40	54	56	60	61	53	43	55	59	46	50	60	53	60		54.0
Calico Rock§§	Maximum	65	73	76	89	84	84	83	65	76	77	64	75	69	69	57	68	76	73	77	71	73	69	75	67	61	75	69	82	88	75		73.5
	Minimum	38	35	35	52	62	70	69	59	58	55	47	36	41	44	49	37	39	42	52	53	57	52	40	42	55	42	45	47	46	46		48.1
Camden§§	Maximum	70	79	85	84	85	86	86	74	78	85	72	77	71	74	65	74	81	80	78	81	82	65	77	68	71	72	72	80	84	78		77.1
	Minimum	43	44	50	66	66	67	63	64	61	61	49	36	39	58	54	40	42	45	57	59	61	51	45	49	58	45	50	55	60	60		53.3
Center Point	Maximum	80	74	82	83	83	84	83	76	80	82	76	75	70	67	65	76	83	81	75	84	73	65	70	77	71	73	68	89	85	76		76.9
	Minimum	40	50	62	65	65	65	65	62	59	63	50	45	55	57	53	42	48	55	60	62	61	42	47	49	50	43	55	66	62	60		55.3
Conway	Maximum	80	67	82	86	84	87	85	77	78	83	80	76	71	64	62	72	79	73	77	78	71	69	76	76	67	73	70	82	80	70		75.8
	Minimum	41	43	55	64	66	67	65	58	63	61	53	39	57	57	53	44	43	55	56	64	61	54	40	55	54	48	51	58	54	58		54.6
Corning	Maximum	76	81	76	84	83	85	83	77	72	71	70	66	65	64	63	67	74	72	80	73	72	69	74	69	64	73	69	81	75	70		73.2
	Minimum	44	56	50	55	55	69	66	59	59	51	52	45	52	51	46	40	41	44	54	59	55	48	41	51	54	48	45	58	48	50		51.5
Dardanelle	Maximum	79	60	82	88	85	85	84	70	78	85	81	78	73	65	65	74	76	72	75	81	77	66	74	72	71	70	68	85	83	71		75.8
	Minimum	40	43	56	62	64	69	66	58	60	62	51	40	57	54	55	44	45	56	58	63	64	53	47	60	53	48	54	58	51	56		54.9
Dumas	Maximum	76	76	88	86	85	85	88	84	77	80	75	72	68	72	66	66	76	74	76	74	80	66	73	68	70	69	68	78	80	74		75.7
	Minimum	46	43	60	63	64	65	63	65	63	60	55	42	55	55	55	43	44	55	54	57	60	51	43	53	60	47	51	63	47	60		54.7
Dutton	Maximum	64	65	78	80	79	77	74	69	72	76	68	70	65	67	60	66	74	67	69	75	67	61	69	64	62	70	63	77	77	66		69.7
	Minimum	29	33	48	64	62	62	61	53	50	50	38	30	46	47	44	32	33	49	51	52	45	43	37	49	45	33	41	50	40	50		45.6
El Dorado	Maximum	83	79	85	86	86	88	88	80	78	84	79	78	70	80	70	72	80	79	79	80	82	73	78	67	71	72	70	81	85	81		78.8
	Minimum	47	48	64	67	66	67	67	69	61	65	54	43	59	58	51	46	49	57	59	60	62	52	48	60	58	49	55	66	63	65		57.8
Eureka Springs	Maximum	63	71	74	84	81	80	75	73	76	78	69	74	70	68	62	68	75	67	72	79	71	67	76	59	63	72	69	79	80	74		72.6
	Minimum	31	41	57	68	66	65	66	45	55	58	61	51	56	52	45	38	49	51	55	53	49	46	45	54	47	40	50	54	50	57		51.5
Fort Smith	Maximum	61	62	83	85	84	84	79	72	76	78	61	78	68	71	62	72	80	80	76	85	68	61	77	77	60	72	68	82	80	69		73.7
	Minimum	39	46	56	68	69	70	66	59	60	61	46	42	58	54	51	46	47	57	59	65	54	51	50	51	52	48	52	59	53	58		55.0
Grannis	Maximum	78	72	78	82	84	82	80	73	78	79	71	74	67	67	64	76	80	76	76	83	76	68	77	69	70	74	66	86	80	67		75.1
	Minimum	37	41	59	62	63	63	63	60	58	55	46	33	54	55	50	36	39	53	57	62	57	50	40	55	48	37	46	62	46	54		51.4
Gravette	Maximum	59	59	72	82	79	80	73	69	75	60	72	69	64	64	61	72	71	66	68	80	75	63	74	71	66	70	67	77	79	74		70.4
	Minimum	30	35	37	61	69	60	55	54	59	37	39	53	52	50	45	39	44	52	56	53	49	46	42	54	47	36	50	50	52	57		48.8
Helena	Maximum	65	75	82	82	85	84	85	81	74	80	76	71	68	63	60	66	76	71	80	76	80	63	75	68	70	71	71	79	77	71		74.2
	Minimum	46	45	62	64	64	64	64	60	62	62	52	40	55	56	52	40	40	53	58	59	60	49	46	50	60	46	52	64	57	57		54.6
Hope	Maximum	72	82	72	85	85	89	76	82	83	82	73	65	73	73	67	79	80	84	78	85	81	67	83	69	73	77	73	84	91	91		78.5
	Minimum	42	45	64	65	66	64	61	60	61	60	51	38	57	58	49	40	44	46	61	60	57	49	44	57	53	43	52	64	56	59		54.2
Hot Springs	Maximum	62	75	76	84	83	86	88	74	80	83	77	77	73	64	63	74	83	74	77	80	88	64	79	74	68	76	68	85	84	79		75.6
	Minimum	29	42	44	60	66	68	64	63	60	57	50	39	52	55	54	41	43	50	55	61	60	51	45	54	52	42	51	62	60	52		52.7
Jonesboro	Maximum	78	74	64	85	82	85	81	77	75	75	75	75	72	65	56	54	76	74	75	80	79	68	75	73	64	72	70	80	76	70		73.5
	Minimum	42	42	54	58	67	68	66	60	60	52	52	41	54	54	50	43	42	49	57	60	53	52	44	55	57	48	49	59	54	55		53.1
Lead Hill	Maximum	68	75	74	88	85	84	79	75	75	82	73	77	71	69	64	68	75	73	78	78	70	70	77	70	67	75	72	80	82	78		75.1
	Minimum	34	36	47	54	62	62	63	57	57	55	44	32	46	53	47	34	37	52	51	56	52	49	37	55	50	37	44	52	42	50		48.2
Little Rock	Maximum	66	68	84	84	83	84	82	75	78	81	66	72	67	62	59	69	78	70	76	74	77	65	74	68	67	70	67	81	74	67		72.9
	Minimum	44	49	62	68	67	68	65	58	62	63	52	46	57	57	50	46	49	54	59	61	57	51	50	56	55	51	56	62	58	58		56.5
Lurton	Maximum	59	62	71	80	..	76	73	65	..	..	57	69	59	65	53	63	..	72	67	68	63	60	70	60	58	69	62	74	75	66		66.0
	Minimum	32	45	54	63	..	58	59	53	..	..	40	38	52	48	43	39	..	46	55	54	47	44	48	50	44	41	50	52	52	54		48.5
Lutherville	Maximum	62	61	79	86	82	81	78	70	76	82	71	74	66	65	62	72	77	70	71	78	72	67	73	68	66	72	65	83	79	70		72.6
	Minimum	38	45	54	63	65	65	65	56	57	59	41	38	56	54	51	41	44	53	55	62	55	50	48	54	45	42	49	54	55	57		52.4
Magnolia	Maximum	82	77	84	84	85	87	87	82	76	84	79	78	78	77	74	72	80	79	78	81	80	69	78	74	70	74	78	82	86	79		79.1
	Minimum	44	48	63	67	67	66	64	67	61	64	51	41	57	58	48	43	46	56	60	57	60	50	47	60	56	47	52	60	62	63		58.2
Malvern	Maximum	82	69	76	80	80	81	81	78	72	78	78	71	71	64	62	70	76	76	73	73	72	71	74	74	66	69	69	83	82	74		74.2
	Minimum	41	41	60	65	65	67	64	64	61	58	53	37	55	56	52	39	41	51	55	63	62	51	44	54	55	44	51	64	53	57		54.1
Mammoth Spg	Maximum	69	73	65	88	83	82	84	74	78	89	60	74	68	64	55	63	72	73	78	74	78	72	73	76	61	72	71	81	74	70		72.4
	Minimum	36	34	50	65	65	67	68	58	59	48	35	46	51	48	47	37	43	49	49	58	57	51	42	53	46	42	43	54	46	49		49.9
Marianna	Maximum	82	68	79	80	82	82	83	83	83	79	75	69	67	64	64	64	76	73	77	74	79	79	72	70	69	70	70	80	80	71		74.8
	Minimum	47	50	60	65	65	64	63	60	60	64	57	45	56	53	52	48	47	55	59	60	56	53	62	61	62	50	55	60	59	58		56.5
Marshall	Maximum	77	67	77	84	86	81	79	77	74	75	76	72	67	66	65	67	75	70	74	70	69	68	72	72	65	71	69	78	78	72		73.1
	Minimum	85	41	55	64	66	67	66	56	60	57	46	37	57	58	46	36	40	50	56	57	58	49	39	54	51	11	53	54	45	59		51.7
Mena	Maximum	66	66	79	82	81	80	77	72	75	79	68	76	67	70	63	71	81	78	77	84	75	59	80	70	65	75	67	83	82	68		73.9
	Minimum	36	45	59	65	64	65	65	61	59	59	45	37	52	56	50	41	43	54	61	63	56	49	43	56	48	43	49	64	50	55		53.1
Mount Ida	Maximum	80	73	82	85	84	83	82	78	79	83	72	75	67	67	64	75	83	78	78	83	76	62	77	70	68	75	67	85	81	68		76.0
	Minimum	34	37	57	67	66	68	66	63	58	52	47	32	52	56	53	36	37	51	56	65	59	51	38	55	56	39	47	63	44	52		51.9
Newport	Maximum	79	71	72	86	84	85	84	78	75	76	71	74	68	64	60	72	80	74	77	75	79	73	78	77	65	74	74	85	76	72		75.3
	Minimum	42	41	51	58	65	68	65	59	62	55	51	44	56	54	50	44	44	53	57	61	60	52	46	56	56	48	51	57	52	55		53.8
Pine Bluff	Maximum	80	83	87	88	89	89	88	78	82	87	78	80	68	66	65	76	82	76	77	79	84	65	81	67	72	78	69	86	88	75		78.8
	Minimum	45	44	61	67	66	69	65	69	63	62	52	42	57	58	57	45	45	56	57	59	61	52	48	57	60	47	53	65	59	61		56.7
Portland	Maximum	82	78	88	89	87	89	89	87	80	86	78	74	68	75	70	72	82	81	84	77	81	77	75	74	76	74	70	85	84	85		79.9
	Minimum	52	45	59	63	63	63	63	65	62	60	56	42	58	57	55	45	46	54	55	61	60	51	49	56	62	49	54	61	61	65		56.5
Prescott	Maximum	78	79	86	83	86	88	90	92	84	86	85	76	77	76	73	76	83	84	86	82	83	70	81	72	73	74	78	83	86	88		81.3
	Minimum	43	46	48	54	52	59	58	55	60	61	54	40	46	50	54	44	45	49	60	66	64	54	46	51	54	16	48	64	66	68		53.5
Rison	Maximum	85	80	87	86	87	87	85	86	80	84	84	76	76	67	69	72	80	81	77	75	84	80	78	77	72	75	73	79	84	82		79.6
	Minimum	44	45	62	64	65	67	65	66	62	61	51	39	54	54	55	43	44	53	58	58	59	50	46	65	59	45	53	64	59	60		55.3
Stuttgart	Maximum	80	73	84	85	85	85	85	81	77	82	72	73	68	64	62	68	78	73	78	75	80	71	76	70	70	76	70	80	77	73		75.7
	Minimum	42	61	64	64	67	62	60	63	61	52	40	55	58	56	40	42	54	56	60	60	51	44	55	61	47	53	63	56	62	60		55.6
Texarkana	Maximum	72	79	85	87	87	88	86	75	80	85	75	81	75	81	67	78	85	87	78	79	70	83	72	73	77	77	71	87	88	80		79.6
	Minimum	39	49	42	64	66	67	64	65	61	63	64	45	60	52	53	41	46	57	59	60	57	50	58	60	51	48	42	62	62	65		55.7
Thornburg	Maximum	80	68	80	84	82	82	80	75	70	53	75	75	68	62	61	69	78	74	75	77	71	64	74	68	67	72	72	82	77	68		74.0
	Minimum	36	33	52	67	65	67	64	66	66	52	49	31	50	53	46	35	40	52	55	61	58	50	35	55	50	45	52	67	43	56		50.7
Warren	Maximum	82	79	86	86	85	86	85	83	76	84	81	74	71	73	67	70	78	77	77	76	82	79	75	75	70	71	69	78	84	[illegible]		77.9
	Minimum	48	47	64	68	67	68	63	62	62	61	57	43	58	57	55	46	46	54	57	60	60	52	48	57	61	49	53	64	61	64		56.8
Wilson	Maximum	80	69	68	80	81	80	81	69	73	76	69	68	68	58	58	64	74	74	77	72	79	77	74	67	67	70	72	80	67	76		72.3
	Minimum	40	44	58	58	65	62	62	59	61	52	52	41	49	54	52	40	41	51	56	60	67	51	46	56	60	49	55	61	55	65		54.1
Wynne	Maximum	82	67	79	81	82	80	83	79	77	80	72	70	63	60	55	59	72	69	72	69	76	74	75	59	60	65	66	74	72	66		71.3
	Minimum	46	44	57	60	65	66	63	59	62	59	51	39	43	50	49	39	40	52	58	55	51	51	44	49	46	47	49	51	53	55		51.8

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day. on which it almost always occurs

51.05
NAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., MAY, 1929 No. 5

GENERAL SUMMARY

The weather in Arkansas during May, 1929, was marked by temperatures below and precipitation above normal. The month opened with cool weather, the lowest for the month occurring in most sections on the 2d or 3d. Daily means were almost uniformly below normal during the first decade and from the 16th to the 25th, slightly above during the other periods with the highest for the month generally on the 30th or 31st. The lowest temperature for the month was 30° at Dutton and Thornburg on the 3d. The lowest temperature on record in Arkansas for the month of May was 24° at Pond, Benton County, (near Gravette), on May 1, 1903. The extreme of 97° at Hope and Pine Bluff on May 31st has frequently been exceeded. The mean temperature for the month, as determined from the records of 60 stations, was 67.6° which is 1.4° below normal. All stations for which normals have been computed showed negative departures except Dardanelle, El Dorado, Marianna, and Portland.

May was a cloudy showery month, rain being reported at one or more stations in the State every day during the month except the 21st and 22d. The average precipitation for 90 stations was 6.31 inches which is 1.20 inches above normal. Monthly totals ranged from 1.98 inches at Princeton to 11.52 inches at Wynne. Seven stations reported over ten inches rainfall. Most of the rain fell as light to moderate showers, the greatest 24 hour precipitation being 4.90 inches at Wynne on the 25th. The average number of days with 0.01 inch or more was 13, 5 above normal. Several stations reported as many as 20 days with a trace or more.

Moderately high stages prevailed in most streams of the State the closing days of April, the lower Arkansas and the lower White being above flood. The rains of May brought flood stages on the principal streams, prolonging the flood in the eastern lowlands. Highway No. 70 to Memphis was inundated most of the month necessitating long and difficult detours. It is estimated that 800 square miles were overflowed by the White and 500 square miles by the Arkansas. It is thought the entire loss in the State approximates $970,000. Much of the inundated land was not in cultivation and most that is in cultivation was not planted.

The weather was rather unfavorable for farm work, being too cool for growth and too wet for cultivation of cotton. Stands were poor in many localities and the crop badly in need of cultivation at the close of the month. Strawberries were damaged by the frequent showers. Hay crops made good progress.

W.C.H.

Corrections: April, 1929

Amity: Monthly mean temperature should be 64.8, departure +3.6. Higden: number cloudy days should be 15. Pocohontas: greatest 24 hour precipitation should be 1.20. Subiaco: greatest 24 hour precipitation should be 2.00, number days 0.01 or more precipitation 10.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 40; 2d, 13; 4th, 13; 5th, 17; 6th, 14; 7th, 5; 8th, 40; 9th, 7; 11th, 16; 12th, 34; 13th, 22: 14th, 8;15th, 22; 16th, 20; 17th, 7; 18th, 29; 19th, 2; 21st, 1; 24th, 5; 25th, 37; 26th, 10; 27th, 25; 28th, 19; 29th, 19; 30th, 5; 31st, 2.

SOLAR HALOS:---2d, 1;3d, 2; 4th, 1; 18th, 1; 22d, 1; 23d, 1; 25th, 1; 31st, 1.

DENSE FOG:------1st, 2; 7th, 1; 8th, 1; 20th, 1; 21st, 1; 22d, 1.

Killed by lightning: 1st, 1; 25th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	p. m.	
Bentonville	29.99	30.29	9	29.32	1	3,981	27	se.	29	......	......	67
Fort Smith	29.99	30.29	22	29.23	1	5,475	62	nw.	1	83	68	61
Little Rock	30.01	30.31	7	29.36	1	6,233	34	w.	1	85	66	54
Memphis	30.03	30.33	7	29.39	2	5,170	37	w.	2	81	68	68

Wind, Hail, Tornadoes, May, 1929

Place	Date	Time	Character	Dir. from	width feet	Killed	Inj.	Damage
Fort Smith	1	2.37pm.	Tornado	sw	500	0	12	$ 50,000
Jethro	1	2.25pm	Tornado	w	2000	0	0	50,000
Rex	1	3.30pm	Tornado	w	1300	0	6	40,000
Wheatley	1	6.45pm	Tornado	sw	600	9	20	250,000
Arlberg	1	3.50pm	Moderate Hail					Slight
Mena	1		Moderate Hail					Slight
Jethro	5		Heavy Hail					Considerable
Eureka Springs	6	10.45p	Moderate Hail					Slight
Rogers	6		Moderate Hail					Slight

COMPARATIVE DATA FOR MAY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**69.0**		**107**		**24**		**5.02**		**13**	**10**	**8**	**8**
1891	67.0	-2.0	97	30	36	7	2.78	-2.24	15	9	7	7
1892	67.8	-1.2	95	4	36	22	9.52	+4.50	8	11	12	13
1893	68.6	-0.4	94	19	38	2	9.71	+4.69	14	8	9	11
1894	70.1	+1.1	95	27	35	20	3.40	-1.62	12	12	7	7
1895	69.0	0.0	97	30	36	13	3.91	-1.11	13	11	7	8
1896	74.3	+5.3	98	8	46	2	3.54	-1.48	15	10	6	7
1897	68.3	-0.7	99	28	33	26	2.13	-2.89	17	9	5	5
1898	72.1	+3.1	100	29	30	7	6.44	+1.42	16	9	6	7
1899	72.9	+3.9	96	15	44	5	6.45	+1.43	10	12	9	10
1900	69.3	+0.3	97	15	37	4	3.69	-1.33	12	12	7	9
1901	68.2	-0.8	100	2	31	26	2.95	-2.07	12	13	6	7
1902	73.2	+4.2	100	22	42	1	4.34	-0.68	12	12	7	8
1903	67.5	-1.5	96	23	24	1	7.47	+2.45	9	11	11	12
1904	67.1	-1.9	98	23	31	12	3.39	-1.63	13	12	6	8
1905	70.7	+1.7	98	31	38	1	9.58	+4.56	9	11	11	12
1906	68.8	-0.2	100	30	28	9	4.71	-0.31	15	8	8	8
1907	63.8	-5.2	91	23	31	15	9.48	+4.46	7	13	11	13
1908	70.0	+1.0	96	23	30	8	7.05	+2.03	8	13	10	10
1909	67.0	-2.0	92	5	28	2	6.76	+1.74	14	9	8	10
1910	66.0	-3.0	95	30	31	7	6.56	+1.54	12	10	9	11
1911	70.8	+1.8	101	28	26	2	1.11	-3.91	19	10	2	3
1912	69.9	+0.9	98	24	32	17	2.41	-2.61	15	11	5	6
1913	69.3	+0.3	99	31	35	7	3.32	-1.70	16	10	5	7
1914	69.5	+0.5	97	31	34	9	3.34	-1.68	12	13	6	6
1915	69.9	+0.9	101	14	34	8	5.58	+0.56	12	9	10	9
1916	71.6	+2.6	99	28	34	16	3.56	-1.46	18	7	6	6
1917	63.5	-5.5	97	26	31	1	3.15	-1.87	15	7	9	6
1918	72.2	+3.2	102	30	29	1	3.01	-2.01	17	8	6	4
1919	66.8	-2.2	96	31	38	21	6.01	+0.99	9	9	13	12
1920	70.8	+1.8	96	24	39	14	8.17	+2.95	11	9	11	12
1921	69.7	+0.7	99	31	29	3	2.25	-2.77	18	8	5	5
1922	70.8	+1.8	100	11	40	1	5.00	-0.02	12	10	9	11
1923	67.2	-1.8	98	20	27	9	8.24	+3.22	11	8	12	12
1924	64.6	-4.4	94	18	30	11	4.64	-0.38	15	8	8	8
1925	68.0	-1.0	102	30	26	1	1.88	-3.14	17	7	7	4
1926	69.7	+0.7	107	29	29	15	2.42	-2.60	17	8	6	5
1927	71.7	+2.7	97	29	32	16	6.54	+1.52	12	9	10	9
1928	69.5	+0.5	98	10	34	8	3.60	-1.42	17	7	7	8
1929	67.6	-1.4	97	31	30	3	6.31	+1.29	9	9	13	13

Climatological Data for May, 1929

Station	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	34	67.8	-1.6	90	31	37	3	38	3.14	2.42	0.99	0.0	10	5	10	16	s.	G. C. Thrash
Arkadelphia	Clark	250	33	......	......	......	......	......	......	......	5.00	-0.42	1.16	0.0	11	9	9	13	s.	W. K. Brown
Arkansas City	Desha	145	45	......	......	......	......	......	......	......	2.22	-2.36	0.43	0.0	12	6	8	17	......	Grady F. Jones
Arlberg	Stone	700	7	......	......	......	......	......	......	......	8.36	......	1.87	0.0	11	7	5	19	ne.	J. D. Reeves
Batesville	Independence	277	30	64.9	-2.9	93	31	33	3	39	7.39	+2.50	1.38	0.0	16	15	0	16	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	65.8	-1.8	92	31	37	3	37	4.81	0.00	1.20	0.0	11	5	10	16	s.	J. E. Scanlan
Bentonville	Benton	1303	24	62.9	-3.5	86	31	39	2	32	9.93	+4.71	2.38	0.0	16	18	9	4	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	......	......	......	......	......	......	......	7.85	+2.92	2.37	0.0	16	15	5	11	......	Vernon C. Howe
Blytheville	Mississippi	252	4	69.2	......	94	29	42	2	35	6.10	......	2.18	0.0	14	12	9	10	sw.	W. Ebner
Booneville	Logan	465	15	65.0	-3.1	88	31	37	3	39	6.14	+1.46	1.44	0.0	14	7	11	13	s.	F. H. Randolph
Brinkley	Monroe	205	42	68.8	-1.2	94	31	39	3	32	4.83	0.00	1.09	0.0	13	8	16	7	se.	R. J. Torry
Calico Rock	Izard	861	25	64.8	-2.1	93	31	35	3	41	6.59	+2.14	1.41	0.0	19	3	23	5	sw.	W. J. Copp
Camden	Ouachita	158	44	68.9	-2.3	91	31	38	3	36	3.55	-0.89	0.84	0.0	15	4	11	16	s.	A. B. Quarterman
Center Point	Howard	470	30	69.2	-1.8	90	31	41	3	35	6.99	+0.41	1.46	0.0	15	5	11	15	se.	John C. Floyd
Clarendon	Monroe	200	25	......	......	......	......	......	......	......	3.72	-1.34	1.24	0.0	13	8	6	17	s.	J. W. Bishop
Clinton	Van Buren	516	8	......	......	......	......	......	......	......	6.66	......	1.51	0.0	11	6[a]	14[a]	10[a]	s.	A. L. Stephens
Conway	Faulkner	309	46	69.0	-1.1	93	31	39	3	35	7.94	+3.21	2.63	0.0	14	12	12	7	s.	E. E. Cordrey
Corning	Clay	293	36	66.5	-2.0	95	30	39	3	38	6.97	+1.61	1.22	0.0	10	20	5	6	s.	Winfred D. Polk
Corning (river)	Clay	280	5	......	......	......	......	......	......	......	5.55	......	1.14	0.0	11	13	8	10	......	Henry Stafford
Cotter	Marion	408	2	......	......	......	......	......	......	......	7.30	......	2.30	0.0	14	7	7	17	s.	J. O. Linck
Crossett	Ashley	175	14	70.8	-0.9	95	31	41	3	34	4.63	+0.54	1.42	0.0	15	3	11	17	sw.	A. E. Wackerman
Danville	Yell	327	13	......	......	......	......	......	......	......	6.42	+2.61	1.29	0.0	10	7	7	17	e.	C. G. Hudson
Dardanelle	Yell	330	43	70.2	+0.6	92	31	38	3	49	5.13	-0.37	0.95	0.0	16	9	15	7	sw.	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	2	......	......	......	......	......	......	......	4.54	......	1.03	0.0	10	13	6	12	......	H. G. Pate
Dumas	Desha	162	23	69.6	-2.6	93	31	40	3	32	3.88	-1.34	1.20	0.0	14	4	16	11	s.	Ben Johnson
Dutton	Madison	1590	26	61.4	-2.7	82	30†	30	3	40	7.47	+1.03	1.62	0.0	14	6	15	10	s.	J. M. Ricketts
El Dorado	Union	270	28	71.2	+0.2	93	31	42	3	32	2.99	-1.56	0.68	0.0	14	3	12	16	sw.	J. J. Babb
England	Lonoke	229	22	69.2	-0.9	93	31	40	3	35	3.43	-0.66	1.05	0.0	10	8	11	12	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1165	29	64.4	-2.4	86	29	38	2	31	10.86	+5.03	2.47	0.0	12	11	7	13	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	64.2	-2.0	85	31	38	2†	34	7.47	+1.86	2.24	0.0	15	12	6	13	s.	University of Arkansas
Fort Smith	Sebastian	457	48	67.2	-2.4	88	31	41	3	37	7.10	+2.28	2.13	0.0	11	6	9	16	e.	U. S. Weather Burea
Freeman Springs	Pope	2240	5	......	......	......	......	......	......	......	8.53	......	2.65	0.0	16	9	3	14	se.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	......	......	......	......	......	......	......	5.90	+1.43	1.39	0.0	11	5	7	19	......	T. J. Logan
Georgetown	White	290	17	......	......	......	......	......	......	......	7.95	+4.02	1.86	0.0	12	9	3	19	......	W. R. Owens
Gilbert	Searcy	675	6	......	......	......	......	......	......	......	7.11	......	1.20	0.0	18	3	25	8	......	Ben F. Battenfield
Grannis	Polk	900	10	66.6	......	87	1†	33	3	42	6.75	......	1.96	0.0	15	6	6	19	sw.	W. E. McVay
Gravette	Benton	1250	32	63.2	-2.4	85	31	37	3	35	11.08	+5.56	3.58	0.0	13	8	13	10	se.	A. F. Stevens
Harrison	Boone	1052	28	65.0[b]	-0.4	92[b]	29	30[b]	3	45[b]	8.29	+3.20	2.17	0.0	16	12[a]	6[a]	12[a]	......	G. L. Wright
Helena	Phillips	250	57	69.2	-1.6	93	30	38	3	32	7.48	+2.99	2.30	0.0	15	7	3	21	s.	James A. Burnett
Higden	Cleburne	445	11	......	......	......	......	......	......	......	6.91	......	1.60	0.0	11	9	10	12	s.	Geo. W. Baker
Hope	Hempstead	377	58	70.7	-0.5	97	31	41	3	37	4.79	-0.42	0.98	0.0	14	11	11	9	se.	N. P. O'Neal
Hot Springs	Garland	600	38	68.2	-1.6	93	31	40	3	35	6.16	+0.81	1.75	0.0	12	10	18	3	......	G. C. Bolton
Index ‡‡	Little River	275	4	......	......	......	......	......	......	......	6.60	......	1.32	0.0	16	6	3	22	......	H. G. Sanderson
Jessieville	Garland	750	3	......	......	......	......	......	......	......	6.39	......	2.20	0.0	9	7[c]	6[c]	11[c]	w.	U. S. Forest Service
Jonesboro	Craighead	345	34	68.0	-1.8	95	31	42	3	35	6.63	+2.40	1.50	0.0	15	17	7	7	sw.	Benedictine Sisters
Junction ‡‡	Union	182	35	70.7	-1.1	91	31	39	3	27	3.18	-1.38	0.79	0.0	7	14	7	10	s.	J. A. Lowderback
Lambrook	Phillips	155	6	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Mrs. D. C. White
Lead Hill	Boone	650	2	64.6	......	90	30†	33	3	43	9.39	......	2.72	0.0	11	13	5	13	s.	J. H. Crosswhite
Little Rock	Pulaski	357	50	67.7	-2.6	91	31	41	3	32	6.20	+1.42	1.77	0.0	14	3	12	16	s.	U. S. Weather Burea
Lurton	Newton	2100	4	61.8[a]	......	85[a]	31	35[a]	2	30[a]	9.15	......	1.43	0.0	16	7[b]	12[b]	10[b]	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	31	65.7	-2.6	89	31	34	3	40	6.15	+1.08	1.30	0.0	12	7	9	15	e.	H. G. Lenhardt
Magnolia	Columbus	315	10	70.7[b]	......	92[b]	31	41[b]	3	34[b]	2.80	......	0.95	0.0	13	6[b]	14[b]	9[b]	ne.	State Agri. School
Malvern	Hot Springs	277	42	67.8	-2.1	95	31	37	3	32	6.51	+1.91	1.80	0.0	17	9	18	9	s.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	600	21	64.3	-1.9	93	31	36	2†	43	8.45	+5.15	1.52	0.0	14	17	2	12	s.	L. G. Humphrey
Marianna	Lee	235	17	70.5	+0.3	92	31	43	3	32	2.81	-2.19	2.20	0.0	7	23	4	4	s.	C. N. Houck
Marked Tree	Poinsett	229	24	66.8	-2.5	91	31	43	3	32	10.02	+5.33	2.32	0.0	14	15	12	4	n.	Charles Walton
Marshall	Searcy	1070	15	65.4	-1.8	89	31	35	3	36	10.15	+4.03	1.80	0.0	17	5	9	17	sw.	A. J. Parks
Mena	Polk	1185	41	66.2	-2.7	87	31	40	3	36	10.28	+3.76	2.70	0.0	18	8	6	17	nw.	E. W. St. John
Morrillton	Conway	347	8	67.3	......	90	31	39	3	34	5.15	......	0.96	0.0	14	6	11	14	se.	John Cook
Mountain Home	Baxter	800	15	64.6	-1.3	90	31	27	3	35	6.62	+1.16	2.50	0.0	10	9	3	19	n.	B. S. Halbert
Mount Ida	Montgomery	650	30	67.2	-1.1	89	31	32	3	43	7.66	-1.81	2.66	0.0	13	7	11	13	se.	G. A. Whittington
Newport	Jackson	231	45	68.8	-1.2	96	31	42	3	31	5.35	+1.06	1.19	0.0	14	8	16	7	n.	A. C. Wilkerson
Norman	Montgomery	750	2	......	......	......	......	......	......	......	8.96	......	2.50	0.0	11	6	14	11	......	U. S. Forest Service
Oden	Montgomery	800	3	......	......	......	......	......	......	......	6.51	......	2.21	0.0	5	1	12	18	se.	U. S. Forest Service
Osceola	Mississippi	240	31	66.6	-3.0	91	31	41	3	28	7.75	+2.97	1.60	0.0	13	10	5	16	s.	June Thomason
Ozark ††	Franklin	396	33	66.6	-3.8	87	30†	39	5	37	8.69	+3.15	2.10	0.0	12	15	5	11	e.	Isham Burrow
Paragould	Greene	301	3	......	......	......	......	......	......	......	5.21	......	1.31	0.0	10	13	10	8	s.	W. R. Heagler
Patterson	Woodruff	196	13	......	......	......	......	......	......	......	6.11	+1.44	1.60	0.0	10	17	2	12	s.	W. E. Baker
Piggott	Clay	307	5	......	......	......	......	......	......	......	5.76	......	1.32	0.0	14	10	14	7	sw.	V. C. Wright
Pine Bluff	Jefferson	215	42	71.6	-0.4	97	31	42	3	34	2.50	-2.08	0.80	0.0	15	11	3	17	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	66.9	-1.7	94	31	37	2	35	7.93	+3.44	2.00	0.0	12	8	7	16	s.	Benedictine Sisters
Portland	Ashley	122	23	72.2	+0.9	95	31	41	3	35	4.44	-1.90	1.70	0.0	11	2	19	10	sw.	W. E. Edmiston
Prescott	Nevada	329	41	70.2	0.0	93	31	39	3	39	3.87	-1.13	0.92	0.0	14	8	2	21	sw.	C. D. Calhoun
Princeton	Dallas	287	23	......	......	......	......	......	......	......	1.98	-3.21	0.92	0.0	4	13	1	17	......	Mrs. F. P. Coleman
Rison	Cleveland	243	28	70.4	-0.6	95	31	41	3	33	3.22	-0.43	1.05	0.0	10	4	6	21	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	64.2	-1.9	86	31	37	3	37	9.09	+3.91	3.14	0.0	11	9	10	12	s.	Carl A. Starck
Saratoga	Howard	288	1	69.6[c]	......	88[c]	1†	31[c]	3	43[c]	1.81	......	1.42	0.0	14	10	15	6	e.	C. C. Van Zandt
St. Francis	Clay	290	2	......	......	......	......	......	......	......	5.73	......	1.04	0.0	12	20	0	11	......	S. T. Rooney
Searcy	White	236	20	67.2	-1.5	92	31	37	3	35	6.90	+2.05	1.34	0.0	17	14	3	14	s.	J. T. Bell
Springbank ‡‡	Miller	240	22	......	......	......	......	......	......	......	5.77	+1.53	1.00	0.0	14	8	2	21	......	Miss Grace Field
Story	Montgomery	700	5	......	......	......	......	......	......	......	5.65	......	1.70	0.0	11	11	9	11	s.	S. C. Story
Stuttgart	Arkansas	228	42	69.8	-0.1	95	31	41	3	33	2.07	-2.62	0.56	0.0	13	6	18	7	s.	Adam F. Buerkle
Subiaco	Logan	1050	32	68.2	-1.8	91	31	39	3	38	5.27	-0.31	1.45	0.0	14	8	5	18	s.	New Subiaco Abbey
Texarkana	Miller	352	43	71.6	0.0	94	31	42	3	35	8.27	+4.17	1.83	0.0	15	7	11	13	s.	H. S. Brashear
Thornburg	Perry	650	5	64.4	......	88	31	30	3	41	8.73	......	2.05	0.0	14	5	9	17	s.	Edward E. Holmes
Waldron	Scott	675	10	......	......	......	......	......	......	......	6.63	......	2.05	0.0	11	8	6	17	sw.	Dr. Cheves Bevill
Warren	Bradley	206	35	71.0	0.0	95	31	43	3	31	2.54	-2.05	0.70	0.0	9	8	16	7	sw.	Miss Evelyn Hoyle
Waters	Montgomery	860	5	......	......	......	......	......	......	......	6.94	......	2.10	0.0	11	3	12	16	sw.	J. R. Huddleston
Whitecliffs	Little River	290	25	......	......	......	......	......	......	......	6.28	+1.38	1.68	0.0	13	3	4	24	......	Nannie O. Schirmer
Wilson	Mississippi	237	4	67.8	......	92	31	39	3	32	6.85	......	2.35	0.0	12	17	11	3	s.	M. W. H. Collins
Winslow	Washington	1734	14	62.0	-3.2	82	31	35	3	35	10.28	+2.98	2.50	0.0	14	13	10	8	s.	O. H. Black
Wynne	Cross	250	21	68.4	-2.0	94	30†	39	3	37	11.52	+7.06	4.90	0.0	7	13	12	6	s.	R. T. Cobbs
Yancopin	Desha	167	5	......	......	......	......	......	......	......	2.43	......	1.12	0.0	15	5	6	20	......	W. E. Barton
State Means	and Extremes			67.6	-1.4	97	31	30	3	49	6.31	+1.29	4.90	0.0	13	9	9	13	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Index, Route A, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for May, 1929

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.11	....	....	....	....	....	....	.90	.05	....	....	.40	.32	....	....	....	....	.11	....	....	....	....	....	....	.15	.05	.30	....	.75	....	....	3.14
Arkadelphia	Ouachita	.77	....	....	....	....	....	....	....	1.16	....	....	....	1.00	21	....	.32	....	.07	.05	....	....	....	....	....	.38	.02	....	.52	....	.50	....	5.00
Arkansas City	Mississippi	.40	.16	....	....	....	....	T.	....	.36	.08	....	....	....	....	.21	.12	....	.03	.27	....	....	....	....	....	.02	.09	.05	....	T.	T.	.43	2.22
Arlberg	White	.54	30	....	....	....	.45	....	1.87	....	....	....	....	1.82	....	....	....	....	.12	....	....	....	....	....	....	....	1.47	.61	.21	.17	.80	....	8.36
Batesville	White	.28	.98	.04	....	.06	.54	.02	.74	1.32	....	....	T.	1.38	.74	....	....	....	.11	.20	....	....	....	....	....	.21	.66	.09	.02	T.	....	....	7.39
Bee Branch	Arkansas	T.	.34	....	T.	....	.06	....	1.20	....	....	....	T.	1.17	.25	T.	....	T.	.04	....	....	....	....	....	....	.46	.06	.07	.59	T.	.57	....	4.81
Bentonville***	Arkansas	.80	.25	....	....	1.05	.06	....	2.16	T.	....	.11	2.38	.13	.01	.23	....	.56	1.30	....	....	....	....	....	....	.44	.39	.08	.03	....	T.	....	9.93
Black Rock	White	.17	2.37	....	....	.26	.29	.03	.69	1.60	....	....	.06	.75	.22	....	.02	....	T.	.06	....	....	....	....	....	.02	1.08	.07	T.	.16	....	....	7.85
Blytheville	Mississippi	.40	.02	....	.20	.65	.05	....	2.18	....	....	.20	.24	.80	....	.37	....	....	.06	....	....	....	....	....	.01	.80	.12	T	....	....	T.	....	6.10
Booneville	Arkansas	.02	....	....	....	....	.01	....	1.02	.12	....	....	.47	1.13	.43	....	.10	T.	1.44	....	....	....	....	....	.01	.68	.16	....	T.	.50	.05	....	6.14
Brinkley	White	1.09	.25	....	....	.02	....	.08	1.00	.67	.04	....	....	.20	.27	....	.26	....	....	.03	....	....	....	....	....	....	.85	....	.07	....	T.	....	4.83
Calico Rock	White	.18	1.41	.01	....	.03	.57	.03	1.28	1.18	....	....	.06	.53	.41	....	.39	....	.06	.11	....	....	....	....	....	.01	.09	.01	.11	T	.12	....	6.59
Camden	Ouachita	.04	.25	....	....	.37	....	....	.15	.65	.03	....	....	.02	.08	.02	....	....	.10	.84	....	....	....	....	....	.32	....	.13	....	.08	.47	....	3.55
Center Point	Red	.06	....	....	....	.22	....	....	1.46	.06	....	....	.44	1.45	....	....	....	.10	.37	....	....	....	....	....	.03	.08	.14	.80	.34	1.39	.05	....	6.99
Clarendon	White	1.24	T	T.	....	T.	....	....	.14	.56	.01	....	.11	.14	.48	....	.22	....	....	.10	....	....	....	....	....	....	.30	.02	.10	....	.30	T.	3.72
Clinton	White	.83	....	....	....	....	....	....	1.51	....	....	....	.58	.83	....	.26	....	....	....	....	....	....	....	....	....	1.14	.13	.58	.03	.37	.40	....	6.66
Conway	Arkansas	.69	....	....	....	....	.03	1.09	.78	.28	....	.10	.62	2.69	.03	....	....	....	.62	....	....	....	....	....	.72	....	....	.10	.10	.09	....	....	7.94
Corning	White	....	.96	....	....	....	1.22	....	.57	.82	....	....	.21	.44	.42	....	....	....	....	.59	....	....	....	....	....	....	.64	.10	....	....	....	....	5.97
Corning (river)	White	T.	1.14	....	....	.15	.65	....	.40	.98	....	....	.15	.51	.30	....	....	....	T.	.70	....	....	....	....	....	....	.50	.05	T	....	....	....	5.53
Cotter	White	.14	.21	....	....	.10	.92	....	2.30	.77	....	....	T.	.25	.84	....	....	....	T.	.17	....	....	....	....	....	T.	.70	.64	.12	T.	.21	13	7.50
Crossett	Ouachita	1.42	.72	....	....	....	....	T.	....	.11	.19	....	.40	.02	.35	.05	.05	....	.53	.43	....	....	....	....	....	.17	.07	T.	.05	T.	.04	....	4.63
Danville	Arkansas	1.29	.10	....	....	....	....	....	.78	.87	....	....	....	.49	.74	....	....	....	.31	....	....	....	....	....	....	....	....	.49	....	.40	.95	....	6.42
Dardanelle	Arkansas	.71	.14	....	....	....	....	.05	.29	.95	....	....	.12	.17	.60	.20	....	....	.18	.09	....	....	....	....	....	.10	T.	.47	.03	.35	.68	....	5.13
De Valls Bluff	White	1.01	.08	....	....	....	....	....	1.03	.52	....	....	....	.18	.40	....	.55	....	....	.20	....	....	....	....	....	....	.85	.02	T.	....	....	....	4.84
Dumas	Mississippi	1.20	.03	....	....	.25	....	....	.29	....	....	.03	.30	.20	.03	T.	.35	.20	.22	....	....	....	....	....	.05	.65	T.	.08	T.	....	....	....	3.88
Dutton	White	1.02	.28	....	....	.05	.02	....	1.62	....	....	....	.38	.31	.11	....	.45	....	.91	....	....	....	....	T.	T.	.82	.40	1.02	.08	....	....	....	7.47
El Dorado	Ouachita	T.	.10	....	....	.17	....	....	....	.22	.15	....	T	.68	T.	T.	....	....	.19	.15	....	....	....	....	....	.01	.55	.06	.02	.17	.28	.25	2.99
England	Arkansas	T.	....	....	.02	.07	T.	....	1.03	.08	T.	T.	.22	.37	T.	....	.02	....	T.	.66	....	....	....	....	....	.69	T.	.27	....	....	T.	....	3.43
Eureka Springs	White	.31	.80	....	....	....	1.46	....	2.47	....	....	....	2.03	.08	....	....	.18	....	.73	....	....	....	....	....	....	.36	.34	1.82	.28	....	....	....	10.86
Fayetteville	White	.09	.60	....	T.	.02	.07	2.24	T.	....	....	.79	.17	.03	....	.15	.03	1.41	....	....	....	....	....	....	....	.71	.23	.74	.19	....	T.	....	7.47
Fort Smith***	Arkansas	.02	....	....	....	T.	T.	T.	.94	.27	T	....	.83	.62	T.	.20	....	.91	.77	....	....	....	....	T.	T.	2.13	.18	T.	T.	.23	T.	T.	7.10
Freeman Sprgs.	Arkansas	.42	1.05	....	....	T.	.04	T.	1.05	.31	....	....	.11	.28	.31	....	.25	....	.48	....	....	....	....	....	....	T.	1.16	2.05	.02	.75	.17	.08	8.53
Fulton	Red	.17	.24	....	....	.03	....	.07	....	.77	T.	....	T.	1.26	T.	T.	.15	T.	.32	T.	....	....	....	....	....	.67	.23	.45	.02	.17	1.39	....	5.99
Georgetown	White	1.74	.18	....	....	.14	T.	....	.88	.73	.32	....	....	.68	.33	....	....	....	.19	.87	....	....	....	....	....	T.	1.86	.03	T.	T.	....	T.	7.95
Gilbert	White	....	.72	....	....	.04	.40	.04	1.20	.66	....	....	.20	.24	.95	T.	T.	....	.07	.04	....	....	....	....	T	.01	.62	.94	.45	.12	.37	.04	7.11
Grannis	Red	.10	....	....	T.	T.	T.	.05	.98	.06	....	....	.62	1.13	.06	T.	.10	T.	1.96	....	....	....	....	....	.03	.04	.21	1.13	.03	.28	....	....	6.78
Gravette	Arkansas	.31	.87	....	....	T.	1.07	....	2.19	....	....	....	3.58	.23	....	....	.10	....	2.38	....	....	....	....	....	....	.10	.11	.10	.03	.01	....	....	11.08
Harrison	White	.05	.74	....	....	.06	1.08	....	2.17	.02	....	....	.36	.22	.84	....	.03	....	.55	....	....	....	....	....	....	.40	.52	1.03	.09	....	.13	....	8.29
Helena	Mississippi	2.00	.06	.02	....	.20	....	....	1.20	.75	....	....	.09	.14	1.96	.03	....	....	....	.05	....	....	....	....	....	.12	.56	.08	.22	T.	....	....	7.48
Higden	White	....	.66	....	....	.07	....	....	1.25	....	....	....	....	1.60	.69	....	....	.08	.01	....	....	....	....	....	....	1.05	.44	.15	....	.94	....	....	6.94
Hope	Red	.30	....	....	T.	.18	....	....	.88	....	....	.10	T.	.37	....	.15	.41	....	.43	.04	....	....	....	....	.44	.12	.20	.43	T.	.74	....	....	4.79
Hot Springs	Ouachita	1.32	....	....	....	....	T.	....	1.75	.06	....	.18	.21	.32	....	....	.24	.04	T.	....	....	....	....	....	....	.03	1.32	T.	.26	.73	T.	....	6.46
Index	Red	....	.38	....	....	55	....	....	....	.68	.05	....	....	1.32	.21	....	.32	.03	.48	.03	....	....	....	....	....	.07	.08	.50	.37	.09	.84	....	6.00
Jessieville	Ouachita	....	....	....	....	....	....	....	1.80	.60	....	.20	2.20	.50	....	....	....	....	....	....	....	....	....	....	.28	....	.53	....	.41	.37	....	....	6.89
Jonesboro	White	.32	.26	....	....	.07	.50	.07	.68	1.46	....	....	.05	.16	.72	....	.02	....	T	.60	....	....	....	....	....	....	1.50	.20	.02	....	....	....	6.63
Junction	Ouachita	.79	....	....	....	....	....	....	T.	.42	....	.30	....	....	....	....	....	....	.49	....	....	....	....	....	....	....	....	.13	.35	.70	....	....	3.18
Lambrook	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lead Hill	White	T.	.70	....	.05	T.	.90	....	2.72	T.	....	....	1.31	.23	.50	....	.01	T.	.52	....	....	....	....	T.	T.	.60	.72	1.04	.06	....	....	.03	9.39
Little Rock***	Arkansas	.20	....	....	T.	T.	T.	T.	1.77	.02	....	.04	.06	1.25	T.	T.	.03	.19	.66	....	....	....	....	....	.57	.24	.02	.48	T.	.67	T.	....	6.20
Lurton	White	1.49	.05	....	.02	....	1.38	....	....	....	....	....	.65	.20	.06	....	.20	....	.54	.20	....	....	....	....	T.	.89	.99	1.40	.65	.19	....	.24	9.15
Lutherville	Arkansas	.90	....	....	T.	T.	T.	....	1.30	....	....	....	....	....	.24	T.	.54	T.	.22	....	....	....	....	....	.26	.71	.38	.54	.52	.16	.38	....	6.15
Magnolia	Red	....	.18	....	....	....	....	....	.21	.12	....	....	.61	....	.50	....	....	....	.95	02	....	....	....	....	....	.02	.01	.02	.02	.09	.05	....	2.80
Malvern	Ouachita	1.00	.10	....	....	.02	....	....	.11	1.80	.05	....	....	1.10	.16	....	.21	....	.11	.05	....	....	....	....	....	.21	.14	.20	.51	.19	.55	....	6.51
Mammoth Spg.	White	1.53	....	.	T.	.70	T.	1.20	.64	....	....	.25	.56	.78	.05	.55	....	T.	.92	....	....	....	....	....	.17	.44	.34	.32	....	T.	....	....	8.45
Marianna	Mississippi	....	.03	....	....	....	....	....	2.20	....	....	....	....	03	....	....	....	....	.06	....	.05	....	....	....	....	.30	....	....	.14	....	....	....	2.81
Marked Tree	Mississippi	.72	.31	....	....	.55	.43	.04	.80	1.71	....	....	.36	.25	.39	....	....	....	....	1.19	....	....	....	....	....	.03	2.32	....	.92	....	....	....	10.02
Marshall	White	1.05	.75	....	.02	....	.75	....	1.80	.04	....	....	.57	1.55	.06	....	....	T	.25	.28	....	....	....	....	....	.10	.42	1.25	20	.26	.80	....	10.15
Mena	Ouachita	.63	.17	....	....	....	....	....	.23	1.57	.12	....	.08	2.40	.27	.01	.55	....	2.70	.01	....	....	....	....	....	.01	.18	.40	.07	.03	.80	....	10.23
Morrilton	Arkansas	.96	.15	....	....	....	.17	....	.35	.82	....	....	....	.85	.88	....	....	....	.07	....	....	....	....	....	....	12	.10	.15	.16	.15	.22	....	5.15
Mountain Home	White	.25	....	....	.25	T.	1.00	....	2.50	....	....	....	.62	.85	.05	....	....	....	.35	....	....	....	....	....	....	.25	....	.50	....	....	....	....	6.62
Mount Ida	Ouachita	.18	....	....	....	....	....	....	2.66	.22	....	....	.62	1.48	....	....	.06	.16	.11	....	....	....	....	....	.25	....	.42	.24	.14	1.12	....	....	7.68
Newport	White	.45	.37	....	....	.05	.48	.04	.61	1.19	....	....	.08	.51	.77	....	....	....	.12	.16	....	....	....	....	....	....	.48	....	.02	....	....	....	5.33
Norman	Ouachita	.50	....	....	....	....	....	....	2.00	.20	....	T.	1.00	1.60	T	....	....	.31	.25	....	....	....	....	....	....	.24	....	.18	.20	2.50	....	....	8.98
Oden	Ouachita	....	....	....	....	....	....	....	1.55	....	....	....	....	2.21	....	....	....	1.50	....	....	....	....	....	....	....	....	.75	....	....	50	....	....	6.51
Osceola	Mississippi	.80	.25	....	....	.55	83	.15	.60	1.60	....	....	....	.20	.45	....	.80	....	....	.25	....	....	....	....	....	.07	....	1.20	....	T.	....	....	7.75
Ozark	Arkansas	.28	.42	....	....	....	....	.22	.94	.08	....	....	.77	1.40	....	....	....	80	....	....	....	....	....	....	....	T.	1.17	2.10	....	.48	.03	....	8.69
Paragould	Mississippi	.35	....	....	.55	....	.18	....	1.31	....	....	T.	.55	.70	....	.18	....	....	.10	....	....	....	....	....	....	1.19	.10	T.	....	....	....	....	5.21
Patterson	White	1.25	.47	....	....	....	....	....	1.60	.86	....	....	....	.25	.26	....	....	....	....	.41	....	....	....	....	....	.09	.74	....	.18	....	....	....	6.11
Piggott	Mississippi	....	.59	....	.15	.05	.77	....	1.32	....	....	....	08	.49	.59	....	.46	....	....	.21	....	....	....	....	....	.97	.03	.03	.02	....	....	....	5.76
Pine Bluff	Arkansas	.20	.01	....	....	.02	....	T.	T.	.80	....	....	.05	.04	.07	....	T.	....	....	.02	....	....	....	....	....	.04	.32	.08	.01	.07	.72	.05	2.50
Pocahontas	White	....	1.35	....	.20	....	.81	....	1.75	....	....	....	.05	2.00	.10	....	.10	....	.08	.15	....	....	....	....	....	1.22	....	.12	....	....	....	....	7.93
Portland	Ouachita	.80	.61	....	....	....	....	.04	....	....	.04	....	.61	.08	....	....	....	....	1.70	.32	....	....	....	....	....	....	.08	....	.11	.05	....	....	4.44
Prescott	Ouachita	29	....	....	.14	....	....	....	.92	....	....	....	.14	.07	.05	....	.55	....	.15	.18	....	....	....	....	....	.40	.05	.18	.22	.53	....	....	3.87
Princeton	Ouachita	....	....	....	....	....	....	....	....	.69	....	....	....	.22	T.	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	.92	....	....	1.98
Rison	Ouachita	.26	....	....	....	.12	....	....	.64	....	....	....	.46	.26	....	T.	....	....	.08	....	....	....	....	....	....	.23	....	.10	.02	....	1.05	....	3.22
Rogers	White	.02	....	....	....	....	.85	....	....	1.94	....	....	3.14	.14	....	.72	....	....	1.02	....	....	....	....	....	....	.08	.51	.61	.06	....	....	....	9.09
Saratoga	Red	.32	....	....	.15	....	....	....	1.20	33	T.	....	....	1.42	....	.05	.14	.06	.30	....	....	....	....	....	.11	.07	.41	....	.19	.06	....	....	4.81
St. Francis	Mississippi	....	.81	....	....	.10	.61	.10	38	.61	....	....	T.	1.04	.61	....	.52	....	T.	....	....	....	....	....	....	T.	.68	.08	.19	....	....	....	5.73
Searcy	White	1.13	.72	T.	....	.12	.01	....	.61	1.16	.14	....	.05	1.34	.85	....	T.	....	.02	.07	....	....	....	....	....	.03	.15	T.	.36	....	.10	.04	6.90
Springbank	Red	T.	.22	T.	....	1.00	....	....	....	.20	.07	....	....	.50	.48	T.	.64	....	.24	.74	....	....	....	....	T.	T.	.11	26	.24	.25	.82	....	5.77
Story	Ouachita	....	.20	....	....	.19	....	....	1.70	.13	....	....	.84	1.50	....	....	....	.20	....	....	....	....	....	....	....	....	.20	21	.30	.18	....	....	5.65
Stuttgart	Arkansas	....	....	....	....	.20	....	....	.04	.56	.02	....	....	.28	.15	....	.44	....	....	.22	....	....	....	....	....	.05	.03	.01	.04	....	.03	....	2.07
Subiaco	Arkansas	.07	T.	....	T.	T.	....	....	1.35	.01	....	....	.29	.82	.26	....	.03	....	1.45	T.	....	....	....	....	T.	.26	.24	.13	.22	.02	.12	....	5.27
Texarkana	Red	....	.14	....	....	.54	....	....	....	1.40	.10	....	....	1.88	1.40	....	....	.12	.08	30	....	....	....	....	....	.12	.28	.18	.44	.24	1.05	....	8.27
Thornburg	Arkansas	2.08	....	....	....	T.	T.	....	1.37	.08	....	.08	.11	1.68	....	....	....	T.	02	.11	....	....	....	....	....	.39	.23	.14	.78	1.65	.01	T.	8.73
Waldron	Arkansas	.18	....	....	....	....	....	....	1.48	.18	....	....	....	2.05	....	....	.23	.12	1.48	.12	....	....	....	....	.08	....	.27	....	....	.44	....	....	6.63
Warren	Ouachita	.35	....	....	....	T.	....	....	....	.70	.10	....	.25	T.	.12	.35	T.	....	.12	.10	T.	....	....	....	....	T.	T.	T.	T.	T	.45	....	2.54
Waters	Ouachita	.21	....	....	....	....	....	....	1.53	.16	....	....	....	2.10	....	.52	....	.12	.98	....	....	....	....	....	....	.11	.15	.27	....	.79	....	....	6.94
Whitecliffs	Red	.12	.23	....	T.	T.	....	.05	....	1.30	....	....	T.	1.68	.60	....	T.	....	.57	....	....	....	....	T.	....	.04	.08	.50	.27	.30	.54	....	6.28
Wilson	Mississippi	.20	....	....	1.25	....	.45	....	2.35	....	....	.10	.10	....	.30	.20	....	....	.60	....	....	....	....	....	....	.80	.40	....	.10	....	....	....	6.85
Winslow	Washington	.64	.48	....	....	.26	.01	....	2.50	....	....	....	.65	.51	.05	....	.02	....	1.06	....	....	....	....	....	T.	1.56	.41	1.84	.79	....	T.	....	10.28
Wynne	Mississipp	T.	.70	....	....	.70	T.	T.	1.97	....	....	....	T.	.60	....	....	....	....	1.65	....	....	....	....	....	....	4.90	T.	1.00	T.	....	....	....	11.52
Yancopin	Arkansas	1.12	.14	T.	....	.05	....	T.	.04	.20	T.	....	.03	.11	.03	.12	.22	....	....	.10	....	....	....	....	....	.10	.12	.04	.01	....	....	....	2.43

Daily River Stages for May, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	28	26	27	28	29	30	31
Fort Smith	Arkansas	22	17.5	17.3	15.9	13.4	11.5	11.4	12.3	11.6	15.0	20 8	22.4	20.6	21.7	28.1	29.3	29.7	29.3	27.9	27.0	26.3	28.4	28.8	26.6	23.1	19.5	19.3	19.9	19.8	17.1	15.8	14.0
Ozark	do	22	14.0	13.9	13.5	11.9	10.5	8.7	7.9	9.0	9.8	14.7	17.0	16.9	15.7	21.0	23.4	24.1	24.9	24.4	23.5	22.2	23.4	23.8	23.8	21.5	18.5	17.3	17.6	17.9	16.3	14.5	13.4
Dardanelle	do	20	16.0	15.9	15.9	14.4	12.4	10.5	9.9	9.9	11.1	14.3	18.4	19.6	18.6	20.5	24.8	25.1	26.7	26.9	26.5	25.5	24.7	25.0	25.6	24.8	21.9	19.0	18.4	20.0	19.0	16.8	15.5
Morrilton	do	20	16 0	15.8	16.0	14.8	12.0	10.0	8.5	8.8	10.0	11.0	16.5	19.0	18.8	18.5	22.8	24.5	25.3	25.5	26.6	25.0	24.2	24.0	24.5	24.3	23.0	19.8	18.8	19.2	19.8	17.1	15.2
Little Rock	do	23	16.0	15.8	15.5	15.3	14.0	12.0	10.2	9.5	10.4	11.4	14.7	17.3	18.2	17.8	19.8	21.5	22.6	23.0	23.3	23.2	22.9	22.6	22.8	23.0	22.5	21.0	19.5	19.0	18.4	18.2	16.5
Pine Bluff	do	25	21.4	20.7	20.4	20.2	19.9	18.4	16 6	15.1	15.0	16.0	17.0	20.0	21.8	22.4	22.7	24.6	25.8	26.8	27.3	27.6	27.3	27.0	26.8	27.1	27.4	26.8	25.4	24.3	24.0	24.0	22.9
Yancopin	do	29	40.8	40 5	40.4	40.2	40.0	39.8	39.6	39.4	39.2	39.0	39.0	39.0	39.2	39.5	39.9	40.2	40.9	41.2	41.8	42.4	42.9	43.4	43.8	44.1	44.4	44 5	44.6	44.8	44.8	44.8	44.7
Danville	Petit Jean	20	11.1	14.5	9.1	7.6	5.7	4.1	3.6	3.9	9.0	12.3	9.4	8.1	7.3	16.1	18.9	18.6	15.0	11.2	14.2	21.8	21.6	17.8	12.9	7.8	6.4	6.1	9.6	8.1	6.6	6.9	5

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	6.5	6.9	7.9	8.8	9.7	9.5	8.7	10.8	21.0	20.3	19.5	16.0	11.9	15.6	16.1	12.9	11.1	9.6	9.7	9.5	10.5	9.6	8.2	7.4	6.7	7.3	8.1	14.9	11.4	11.2	10.2
Calico Rock	do	23	6.0	6.5	8.6	8.9	9.0	9.2	8.9	9.5	21.2	22.7	20.2	17.6	13.2	14.8	17.8	14.8	12.2	10.8	9.3	9.4	9.6	9.6	8.1	7.1	6.3	6.1	6.4	13.9	13.3	10.6	10.7
Batesville	do	26	12.6	16.9	15.9	16.1	15.9	16.4	16.6	15.5	26.9	30.5	28.5	26.5	23.5	21.9	24.1	23.9	20.8	18.5	16.8	16.5	16.3	16.7	15.7	14.1	13.1	12.6	12.8	13.0	21.9	18.3	17.8
Newport	do	20	20.9	20.3	20.9	21.2	21.3	21.2	21.3	21.1	23.2	26.3	28.9	29.5	29.3	28.6	28.2	28.3	28.0	27.1	26.2	25.2	24.6	24.3	24.2	23.7	23.0	22.3	21.7	21.2	22.6	24.0	23.7
Georgetown	do	21	23.5	23.3	22.8	22.7	22.6	22.4	22.3	22.2	22.3	22.6	23.0	23.4	24.0	25.1	25.8	26.2	26.3	26.3	26.2	25.8	25.4	24.9	24.3	23.9	23.6	23.4	23.1	22.8	22.4	22.1	22.1
De Valls Bluff	do	34	25.6	25.3	25.0	24.6	24.3	24.1	23.8	23.6	23.6	23.6	23.6	23.7	24.0	24.6	25.8	26.0	26.4	26.7	26.8	26.8	26.7	26.5	26.2	25.9	25.5	25.2	24.9	24.6	24.3	23.9	23.7
Clarendon	do	12	30.5	30.3	30.1	29.9	29.6	19.4	29.1	28.8	28.7	28.6	28.5	28.4	28.4	28.6	28.9	29.4	29.8	30.2	30.5	30.8	31.0	31.1	31.2	31.3	31.3	31.2	31.1	31.0	30.8	30.7	30.5
Gilbert	Buffalo	14	5.7	8.9	7.2	6.4	5.9	5.9	5.8	6.0	12.7	7.9	6.7	6.2	6.0	6.9	7.0	6.3	6.1	5.8	6.0	5.8	5.7	5.6	5.5	5.4	5.3	6.0	6.2	8.5	6.0	5.9	6.7
Black Rock	Black	30	15.8	15.8	15.6	14.2	13.6	13.5	14.5	15.2	18.6	19.4	19.8	19.3	19.4	20.0	20.8	20.8	21.3	21.9	22.2	22.3	22.0	21.8	21.1	20.7	20.1	20.0	19.4	18.1	17.8	16.8	15.9
Camden	Ouachita	28	10.6	11.6	12.9	15.4	15.0	13.4	11.2	11.0	11.0	12.4	16.9	19.5	19.1	17.2	19.1	22.7	25.3	26.0	24.4	22.0	18.7	19.3	16.4	13.8	12.1	11.2	11.0	10.1	9.4	9.9	11.5
Fulton	Red	44	9.2	9.1	9.4	9.6	9.3	9.1	9.0	8.9	8.7	8.9	10.7	11.3	13.8	14.8	21.8	24.3	25.8	27.1	28.3	29.2	30.0	30.7	31.1	31.0	30.2	28.8	27.0	25.5	25.1	25.1	25.0
Helena	Mississippi	48	45.9	45.9	45.9	45.9	46.0	46.1	46.3	46.6	47.0	47.4	47.8	48.3	48.7	49.2	49.6	50.0	50.3	50.5	50.8	51.1	51.3	51.6	51.8	52.0	52.1	52.4	52.5	52.6	52.6	52.6	52.5
Arkansas City	do	48	54.6	54.4	54.2	54.0	53.7	53.6	53.4	53.3	53.2	53.1	53.0	53.0	53.1	53.4	53.6	54.0	54.4	54.9	55.4	56.0	56.5	57.0	57.4	57.7	58.0	58.3	58.5	58.7	58.8	58.8	58.8

Daily Temperatures for May, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	86	78	75	79	74	87	74	65	61	78	84	84	82	83	82	81	75	71	72	79	79	78	80	82	83	80	83	82	86	86	90	79.3
	Minimum	54	45	37	51	51	59	52	55	54	52	64	60	62	63	67	59	55	61	58	49	48	48	50	50	60	64	64	60	66	63	65	56.4
Batesville§§	Maximum	79	69	72	70	68	68	71	58	68	79	82	82	77	79	82	71	74	75	73	75	74	74	79	83	82	81	82	86	88	90	93	76.9
	Minimum	56	43	33	49	42	50	43	49	51	46	51	67	63	61	61	55	43	49	58	40	43	41	43	51	59	64	69	68	67	62	63	52.9
Bentonville	Maximum	70	56	72	69	65	65	72	61	62	77	81	66	72	77	83	66	74	67	68	73	71	70	78	76	77	72	76	79	84	82	86	72.5
	Minimum	39	39	40	50	44	48	43	53	54	52	64	60	60	58	56	43	50	56	48	43	47	50	49	56	59	59	64	67	68	66	67	53.3
Bee Branch	Maximum	79	74	74	73	66	80	70	69	65	78	84	81	79	79	83	80	71	77	75	79	75	75	81	82	84	77	81	83	88	90	92	78.2
	Minimum	59	40	37	49	46	58	48	51	51	48	65	64	62	61	62	55	47	65	55	43	48	45	47	53	60	65	65	66	68	64	66	55.3
Blytheville	Maximum	76	77	70	74	69	70	68	63	68	81	83	83	80	81	81	79	77	79	71	68	69	75	84	84	81	84	85	88	94	92	92	78.4
	Minimum	45	42	55	47	53	47	56	51	54	66	66	67	67	67	58	47	67	53	47	49	60	63	67	70	74	63	70	71	71	71	72	59.9
Booneville	Maximum	81	74	76	75	69	80	70	68	62	83	85	81	75	84	84	79	72	76	73	79	75	74	83	83	80	77	78	83	86	85	88	78.0
	Minimum	59	46	37	60	54	59	49	56	56	52	67	64	63	62	63	56	55	62	57	48	50	49	50	54	63	63	66	70	70	68	66	57.9
Brinkley	Maximum	85	76	71	72	69	84	71	66	63	80	86	86	83	82	81	79	77	76	73	74	72	76	82	87	86	84	87	88	89	92	94	79.7
	Minimum	59	45	39	54	49	61	54	54	55	50	66	65	65	66	67	59	48	68	59	47	48	44	49	57	64	64	68	68	68	67	69	57.9
Calico Rock§§	Maximum	81	59	76	73	66	63	71	57	70	80	85	83	77	84	85	70	75	80	71	75	74	73	82	83	84	80	78	85	88	90	93	77.2
	Minimum	52	41	35	40	[illegible]	45	42	45	52	48	49	66	63	59	59	54	45	49	56	43	45	44	45	47	55	65	70	65	69	64	66	52.3
Camden§§	Maximum	87	66	74	78	75	86	67	80	63	81	86	87	77	85	79	80	79	76	73	76	76	77	82	83	83	82	87	87	89	87	94	80.0
	Minimum	61	49	38	45	55	59	57	54	57	56	57	64	66	61	64	64	58	60	60	49	48	46	50	55	61	64	65	68	71	65	65	57.8
Center Point	Maximum	85	76	76	80	74	87	72	70	61	78	85	84	71	83	82	80	75	73	73	80	78	73	80	79	[illegible]	76	84	83	88	85	90	78.7
	Minimum	63	46	41	63	56	61	51	58	56	56	65	65	63	64	67	58	69	62	60	51	56	52	57	60	63	65	64	65	68	66	65	59.8
Conway	Maximum	83	69	74	74	68	83	82	69	63	78	85	85	77	82	84	82	71	76	79	76	75	74	82	84	84	81	84	86	88	89	93	79.4
	Minimum	61	47	39	53	52	61	53	55	55	49	67	65	64	63	67	59	51	67	59	48	52	47	51	58	64	67	68	68	70	66	69	58.5
Corning	Maximum	77	67	71	69	71	61	70	59	71	79	85	84	85	80	81	83	80	76	77	74	74	78	83	86	84	83	84	85	90	95	94	78.6
	Minimum	56	42	39	43	42	51	42	48	48	54	58	67	64	64	65	50	42	64	52	41	45	42	49	55	62	62	69	67	69	65	68	54.4
Dardanelle	Maximum	83	78	87	79	74	82	70	75	74	83	87	84	78	85	86	83	71	79	79	83	82	78	85	83	86	81	85	86	88	90	92	81.8
	Minimum	61	47	38	54	53	61	52	57	56	50	64	65	63	62	65	60	54	67	59	47	53	48	59	55	63	67	67	70	70	67	67	58.5
Dumas	Maximum	85	72	72	74	70	86	78	65	65	81	85	85	82	85	80	78	80	76	69	72	75	75	82	85	87	82	86	87	88	90	93	79.7
	Minimum	60	49	40	51	56	61	55	60	57	54	67	65	61	67	67	63	55	66	59	52	48	48	51	58	64	67	65	68	67	67	69	59.4
Dutton	Maximum	75	64	70	65	66	68	70	64	61	74	78	79	70	76	80	75	68	70	70	73	74	70	73	75	74	71	71	76	80	82	82	72.4
	Minimum	53	36	30	47	45	51	41	50	51	45	64	59	56	60	55	45	45	59	52	35	38	40	40	46	54	59	60	63	63	46	57	50.5
El Dorado	Maximum	86	73	72	79	74	88	78	84	65	83	86	86	77	85	82	81	81	77	71	75	76	76	82	84	83	81	87	86	87	86	93	80.8
	Minimum	67	50	42	54	62	66	59	63	59	59	66	67	67	65	68	67	60	63	61	51	52	50	50	61	67	64	66	71	71	69	68	61.5
Eureka Springs	Maximum	74	67	71	69	66	63	71	70	64	79	81	76	71	77	82	77	75	68	70	74	73	71	77	78	78	75	76	80	86	84	85	74.2
	Minimum	54	38	42	55	44	51	43	51	52	51	66	59	60	60	63	42	49	57	50	43	47	47	52	58	60	70	64	68	66	67	65	54.6
Fort Smith	Maximum	74	60	78	74	64	71	70	65	64	82	85	80	76	81	86	74	71	74	74	77	74	71	81	76	75	74	76	83	86	84	88	75.9
	Minimum	47	46	41	55	55	54	48	57	55	54	65	64	63	64	63	54	58	61	58	53	55	55	55	59	62	63	67	71	70	69	70	58.4
Grannis	Maximum	87	78	75	79	78	83	74	64	63	75	81	81	73	82	82	79	75	75	75	79	77	71	79	74	79	74	81	81	84	83	87	77.7
	Minimum	59	44	33	44	54	58	51	58	55	55	60	62	61	62	64	54	57	60	55	46	46	43	47	50	61	65	62	63	66	65	[illegible]	55.6
Gravette	Maximum	71	56	72	72	63	64	71	69	62	76	80	70	69	76	83	72	73	70	62	73	72	70	77	75	75	72	75	79	83	82	85	72.5
	Minimum	50	38	37	50	44	49	43	53	53	52	64	59	58	57	62	42	51	60	48	43	46	50	49	65	59	60	64	64	64	66	68	53.8
Helena	Maximum	85	75	70	74	70	85	70	64	66	80	85	84	80	83	81	75	80	77	70	71	71	76	83	88	83	85	88	88	90	95	92	79.4
	Minimum	60	45	38	52	51	62	54	55	55	53	67	65	65	67	67	58	50	58	57	50	53	58	57	62	66	64	70	68	70	67	68	59.1
Hope	Maximum	91	68	78	83	70	83	82	81	66	88	90	82	82	83	86	85	83	74	75	79	79	76	86	85	94	87	92	90	94	95	97	83.0
	Minimum	61	47	41	51	58	60	55	59	56	56	65	63	62	62	67	60	58	62	59	49	50	46	52	55	62	64	64	67	69	65	64	58.4
Hot Springs	Maximum	81	69	75	77	80	84	85	68	76	84	86	86	84	84	82	78	71	70	81	80	76	76	83	82	83	84	86	87	88	89	93	81.3
	Minimum	58	47	40	48	54	51	50	53	49	50	63	65	58	61	65	59	54	55	54	48	50	44	49	51	58	54	61	65	63	[illegible]	65	55.0
Jonesboro	Maximum	77	71	71	70	68	71	71	66	68	82	85	85	83	80	82	77	79	77	69	73	71	77	82	84	80	86	83	89	91	94	95	78.6
	Minimum	55	43	42	55	46	56	46	52	51	52	65	66	65	66	68	57	44	67	54	45	49	49	52	61	66	64	69	68	71	67	70	57.5
Lead Hill	Maximum	76	65	76	70	64	63	73	67	68	83	86	80	76	82	78	78	77	78	71	76	74	75	83	82	82	80	76	85	89	90	[illegible]	77.2
	Minimum	52	38	33	45	40	51	40	51	53	45	62	61	61	63	55	47	45	60	55	40	43	41	42	50	58	61	61	62	62	66	64	52.0
Little Rock	Maximum	83	60	73	73	65	83	70	65	60	76	83	85	75	80	80	72	73	75	67	73	72	73	81	83	82	78	83	86	87	88	91	76.6
	Minimum	58	47	41	53	50	57	52	54	54	54	67	66	65	64	68	59	52	63	57	48	53	52	56	61	65	66	66	[illegible]	67	67	71	58.8
Lurton	Maximum	73	53	68	..	..	66	68	59	59	72	79	73	59	75	77	65	65	71	64	68	67	67	73	75	74	70	70	77	79	[illegible]	85	70.4
	Minimum	49	35	38	..	.	47	43	48	50	50	63	53	59	60	61	46	47	53	51	43	46	49	51	57	59	61	60	64	63	63	67	53.2
Lutherville	Maximum	77	65	74	71	66	80	71	67	61	78	83	79	74	81	82	77	66	67	72	80	76	73	80	79	79	75	77	82	85	80	89	76.0
	Minimum	57	39	34	49	50	58	45	52	54	50	64	63	63	50	64	55	50	63	58	40	51	46	50	55	62	64	61	68	67	65	66	55.4
Magnolia	Maximum	87	80	75	80	..	86	82	83	64	85	..	85	77	82	81	80	82	76	73	75	75	75	81	83	85	84	91	89	91	91	92	81.8
	Minimum	65	49	41	53	..	61	57	60	57	59	..	64	65	61	66	64	61	62	60	51	51	50	54	57	65	64	66	69	72	[illegible]	65	59.6
Malvern	Maximum	88	76	69	72	72	79	79	69	60	77	81	81	72	82	83	80	75	75	69	79	79	73	75	74	74	77	81	81	82	89	92	77.3
	Minimum	61	49	37	48	54	60	55	56	55	51	63	68	64	63	69	61	55	64	60	48	51	44	48	54	64	66	67	70	70	65	64	58.2
Mammoth Spg	Maximum	76	56	79	69	68	61	69	61	69	81	82	81	86	79	83	74	74	77	67	71	69	74	79	83	79	82	79	85	87	[illegible]	93	76.3
	Minimum	39	36	36	47	47	48	43	43	51	51	61	56	63	63	60	50	41	54	53	43	46	42	46	51	60	61	66	66	67	64	61	52.3
Marianna	Maximum	82	78	70	72	83	84	75	69	77	76	84	[illegible]	82	83	80	77	76	78	73	73	70	76	82	83	81	87	87	87	87	90	92	80.0
	Minimum	61	46	43	53	53	52	54	56	57	56	68	68	67	68	68	61	54	69	67	51	56	55	58	62	68	67	67	70	72	71	72	61.0
Marshall	Maximum	78	69	69	72	65	65	71	67	64	78	87	82	79	82	82	79	72	77	70	73	72	72	80	80	81	77	76	82	83	87	89	76.1
	Minimum	55	39	35	56	45	55	43	51	52	48	67	65	62	62	66	50	48	65	54	41	44	41	44	52	60	65	63	67	68	65	61	54.6
Mena	Maximum	84	65	76	74	63	79	65	63	59	79	84	79	71	83	83	76	76	70	70	75	75	72	80	76	82	72	[illegible]	84	81	81	87	75.5
	Minimum	59	44	40	55	51	56	50	56	51	54	66	63	61	63	65	54	56	59	57	47	50	48	50	54	62	64	63	65	68	66	65	57.0
Mount Ida	Maximum	84	72	75	75	67	84	69	65	60	80	84	83	76	82	84	78	69	75	75	78	77	73	81	81	82	79	84	83	85	86	89	77.9
	Minimum	57	47	32	64	50	59	53	56	55	56	64	65	62	61	63	59	53	62	59	42	45	42	45	48	59	62	64	66	67	65	66	56.4
Newport	Maximum	79	73	72	72	70	75	73	68	68	82	85	85	81	81	83	77	77	85	72	77	71	77	83	86	86	82	84	87	92	94	96	79.9
	Minimum	56	44	42	55	47	57	47	53	53	51	66	66	64	65	67	57	46	68	59	46	50	47	52	59	65	64	69	65	69	67	70	57.7
Pine Bluff	Maximum	89	75	76	78	70	87	79	71	64	86	88	87	79	86	81	81	81	79	76	80	80	82	86	88	88	87	90	91	93	97	97	82.8
	Minimum	62	50	41	53	55	62	55	60	56	53	67	66	67	66	67	62	57	65	61	50	53	51	53	60	64	65	[illegible]	70	70	67	71	60.3
Portland	Maximum	90	80	76	79	74	91	87	86	67	87	88	86	84	88	88	83	82	78	78	75	75	77	85	85	86	81	89	85	87	91	95	83.3
	Minimum	62	51	41	50	61	65	57	61	60	60	67	61	65	68	67	68	58	61	62	53	50	50	53	60	67	65	66	68	68	69	70	61.0
Prescott	Maximum	83	74	78	84	87	80	86	79	79	83	81	88	80	85	83	81	79	73	71	78	78	78	82	84	84	83	90	87	90	90	93	82.5
	Minimum	69	46	39	46	57	62	54	61	56	54	61	63	59	63	64	61	56	60	50	50	51	45	53	56	61	64	66	67	70	64	68	58.0
Rison	Maximum	87	82	73	77	76	86	84	76	63	[illegible]	87	86	84	84	84	79	79	78	73	75	75	79	82	83	85	84	88	86	90	92	95	81.9
	Minimum	61	49	41	52	56	61	54	57	56	53	66	67	66	64	66	63	56	63	59	48	51	47	52	54	58	64	66	70	68	65	69	58.8
Stuttgart	Maximum	86	79	73	77	72	83	74	69	63	[illegible]	[illegible]	86	82	84	81	77	79	78	72	73	72	75	84	87	87	83	88	89	91	92	95	80.5
	Minimum	60	47	41	51	51	61	[illegible]	60	55	52	[illegible]	65	65	66	66	60	52	68	60	48	50	47	51	61	64	67	65	69	63	[illegible]	70	59.0
Texarkana	Maximum	89	75	77	83	77	91	83	80	65	[illegible]	[illegible]	81	75	85	87	87	86	81	78	84	87	81	82	81	82	78	88	88	87	83	91	83.0
	Minimum	64	48	42	55	59	60	58	[illegible]	55	51	67	61	60	62	69	70	69	66	60	58	52	56	55	63	67	63	59	63	65	65	68	60.3
Thornburg	Maximum	81	69	71	72	63	81	[illegible]	65	59	77	81	81	74	79	81	75	75	74	75	75	71	72	76	79	80	77	81	82	83	85	88	75.8
	Minimum	59	43	30	55	[illegible]	[illegible]	50	52	50	42	66	65	61	59	63	62	49	64	40	36	41	36	38	41	57	64	65	65	65	62	59	53.0
Warren	Maximum	86	81	73	76	76	89	84	81	62	[illegible]	[illegible]	86	79	86	80	80	80	77	69	75	75	77	84	83	84	83	87	86	89	91	95	81.4
	Minimum	63	56	43	52	53	61	57	60	57	[illegible]	[illegible]	67	66	66	66	65	57	63	60	52	51	49	54	43	66	65	67	72	70	67	71	60.7
Wilson	Maximum	80	74	65	70	67	80	68	64	68	79	81	82	78	82	82	76	78	79	69	71	70	75	80	83	80	85	83	88	88	90	92	77.7
	Minimum	69	45	39	55	47	56	[illegible]	54	52	53	65	64	[illegible]	65	66	58	46	66	54	48	49	46	55	62	67	64	68	69	68	67	70	57.9
Wynne	Maximum	72	72	73	69	70	85	[illegible]	67	70	80	84	[illegible]	[illegible]	83	83	81	83	81	70	73	71	78	80	86	85	85	87	82	92	94	94	79.8
	Minimum	55	43	39	52	49	60	47	56	54	[illegible]	[illegible]	61	61	61	61	59	46	67	58	46	50	47	52	58	66	65	70	69	68	66	68	56.7

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., JUNE, 1929 No. 6

GENERAL SUMMARY

The weather in Arkansas during June averaged slightly cooler and drier than normal with no record breaking extremes recorded. The mean temperature for the State, as determined from the records of 60 stations, was 76.2° which is 0.9° below normal. Positive departures were recorded at several stations south of the Arkansas River, at one northern and two eastern stations, negative at all other. Monthly means ranged from 69.6° at Dutton to 83.8° at Hope, a difference of 14.2° between the northwestern and southern sections of the State. Extremes ranged from 41° at Thornburg on the 4th to 102° at the same station on the 19th. The lowest occurred in practically all sections on the 4th while the highest occurred about the 19th or the 30th. The greatest daily range was 43° at Harrison on the 4th.

The average precipitation for the State, as determined from the records of 91 stations, was 3.68 inches which is 0.34 inch below normal. Positive departures occurred at numerous stations in the northern half of the State while the southern counties were uniformly dry. Monthly totals ranged from 8.05 inches at Bentonville to 0.02 inch at Camden. The greatest amount measured in any 24 hour period was 3.93 inches at Ozark on the 23d. The average number of rainy days was 7. The northwestern section of the State was by far the wettest, several stations having as many as 14 rainy days during the month while in the southern counties only two rainy days were reported at several stations.

The weather was mostly favorable for all crops in the northern half of the State, but it was too dry for corn in many localities in southern counties. Cotton made good to excellent progress except in a few localities where there was too much rain. Chopping was about completed at the close of the month and the crop as a whole was clean, well cultivated, and making rapid growth. Corn was hurt by the dry weather in southern and southeastern sections of the State, but elsewhere the crop made excellent progress. The weather was favorable for haying and all minor crops made satisfactory progress. W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 15; 2d, 21; 3d, 17; 5th, 16; 6th, 8; 7th, 30; 8th, 12; 11th, 6; 12th, 15; 13th, 40; 14th. 12: 15th, 1; 19th, 10; 20th, 8; 21st, 24; 22d, 17; 23d, 20; 24th, 28; 25th, 6; 27th, 2; 28th, 2.

DENSE FOG:------4th, 1; 8th, 2; 9th, 1; 10th, 1; 14th, 1; 15th, 1; 20th, 1; 24th, 1.

SOLAR HALOS:-----6th, 1; 9th, 1; 11th, 1; 12th, 1; 19th, 1; 20th, 2; 28th, 1; 29th, 2; 30th, 1.

LUNAR HALOS:-----12th, 1; 15th, 1.

MODERATE HAIL:--1st, Pocahontas, half size hen eggs, damage $400; 13th, 5 miles north of Amity, considerable damage.

HEAVY HAIL:------13th, Rosboro, northern Pike County, considerable damage; 23d, Cauthron, 5 miles wide, considerable damage.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	p. m.	
Bentonville	29.97	30.17	4	29.63	12	3,028	20	w.	3	......	......	86
Fort Smith	29.91	30.11	4	29.69	2	4,524	36	n.	22	80	60	80
Little Rock	29.94	30.13	4	29.71	2	4,910	42	nw.	24	81	56	78
Memphis	29.95	30.13	14	29.72	2	4,351	36	n.	7	75	57	83

COMPARATIVE DATA FOR JUNE

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**77.1**		**110**		**37**		**4.02**		**14**	**10**	**6**	**8**
1891	77.9	+0.8	103	27	56	9	3.71	−0.31	11	11	8	17
1892	76.9	−0.2	103	14	40	2	3.87	−0.15	16	10	4	8
1893	76.3	−0.8	99	13	49	8	5.20	+1.18	12	12	6	9
1894	76.6	−0.5	106	30	42	1	1.39	−2.63	17	10	3	4
1895	76.9	−0.2	100	2	47	6	5.94	+1.92	12	10	8	10
1896	77.7	+0.6	103	27	48	3	1.91	−2.11	14	10	6	5
1897	78.0	+0.9	106	22	41	1	3.46	−0.56	12	13	5	6
1898	78.7	+1.6	100	25	60	3	4.86	+0.84	8	14	8	11
1899	77.3	+0.2	102	24	50	18	2.74	−1.28	13	12	5	6
1900	76.6	−0.5	100	10	43	4	7.10	+3.08	7	14	9	13
1901	79.4	+2.3	110	29	41	1	1.44	−2.58	16	12	2	4
1902	77.5	+0.4	105	19	42	23	5.27	+1.25	16	9	5	6
1903	70.5	−6.6	99	21	37	12	2.53	−1.49	13	10	7	7
1904	75.3	−1.8	99	13	50	7	7.14	+3.12	11	13	6	10
1905	77.9	+0.8	104	15	44	1	5.90	+1.88	12	10	8	10
1906	76.2	−0.9	101	18	44	22	4.60	+0.58	14	11	5	8
1907	75.2	−1.9	103	24	39	2	4.48	+0.46	14	11	5	8
1908	76.0	−1.1	98	23	46	14	3.85	−0.17	13	11	6	8
1909	76.9	−0.2	104	8	49	4	4.08	+0.06	12	12	6	10
1910	74.1	−3.0	99	18	44	12	4.85	+0.83	12	13	5	10
1911	80.9	+3.8	106	7	47	13	2.53	−1.49	16	11	3	6
1912	73.1	−4.0	97	17	42	8	5.83	+1.81	11	12	7	9
1913	77.0	−0.1	103	28	39	12	1.68	−2.34	16	11	3	4
1914	82.3	+5.2	109	28	52	28	1.00	−3.02	19	10	1	2
1915	76.0	−1.1	106	21	45	9	4.92	+0.90	12	9	9	9
1916	75.4	−1.7	99	21	43	8	5.15	+1.13	12	10	8	8
1917	75.2	−1.9	105	30	37	16	4.87	+0.85	18	7	5	6
1918	80.5	+3.4	110	20	49	13	3.55	−0.47	15	9	6	7
1919	76.9	−0.2	101	26	45	4	5.11	+1.09	11	10	9	10
1920	74.7	2.4	101	26	42	24	3.41	−0.61	19	6	5	6
1921	78.5	+1.4	103	3	46	8	4.84	+0.82	12	10	8	11
1922	78.6	+1.5	104	14	44	4	2.64	−1.38	16	8	6	7
1923	76.7	−0.4	99	25	46	29	5.20	+1.18	13	11	6	9
1924	78.5	+1.4	105	12	42	2	3.64	−0.38	15	6	9	8
1925	82.3	+5.2	108	20	46	1	2.08	−1.94	17	9	4	4
1926	76.6	−0.5	104	12	42	6	2.60	−1.42	17	8	5	6
1927	76.3	−0.8	104	25	43	16	6.50	+2.48	13	8	9	9
1928	73.5	−3.6	100	19	40	6	9.44	+5.42	8	9	13	13
1929	76.2	−0.9	102	19	41	4	3.68	−0.34	17	8	5	7

Climatological Data for June, 1929

Station	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	34	75.4	+0.6	95	11†	50	4	32	1.63	-4.01	1.25	0.0	4	11	18	1	sw.	G. C. Thrash
Arkadelphia	Clark	250	38	......	......	......	......	......	......	......	2.94	-2.16	1.23	0.0	5	23	4	3	n.	W. K. Brown
Arkansas City	Desha	145	45	......	......	......	......	......	......	......	1.63	-2.61	1.54	0.0	2	14	9	7	......	Grady F. Jones
Arlberg	Stone	700	7	......	......	......	......	......	......	......	5.25	......	1.09	0.0	8	15	11	4	ne.	J. D. Reeves
Batesville	Independence	277	30	73.0	-2.4	93	29†	43	4	35	3.63	-0.40	0.91	0.0	9	25	1	4	se.	Mrs. Lelia L. Teter
Bee Branch	Van Buren	700	37	75.4	-1.4	97	30	48	4	32	5.31	+1.19	1.45	0.0	10	5	21	4	s.	J. E. Scanlan
Bentonville	Benton	1303	24	72.5	-1.6	90	11	50	4	28	8.05	+3.49	2.56	0.0	14	27	2	1	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	......	......	......	......	......	......	......	3.63	+0.29	1.07	0.0	9	22	2	6	s	Vernon C. Howe
Blytheville	Mississippi	252	4	77.8	......	95	30	50	3	33	3.95	......	2. 5	0.0	8	16	9	5	s	W. Ebner
Booneville	Logan	465	15	76.1	-1.5	95	19	53	4	30	4.20	+0.01	1.50	0.0	7	14	11	5	s.	F. H. Randolph
Brinkley	Monroe	205	42	75.6	-1.1	97	30	48	4	32	5.16	+1.72	3.76	0.0	6	19	9	2	ne.	R. L. Torry
Calico Rock	Izard	361	25	73.9	-2.3	98	29†	46	4	38	3.89	+0.31	1.70	0.0	6	10	20	0	sw.	W. J. Copp
Camden	Ouachita	158	44	77.7	-0.5	98	30	51	4	35	0.02	-4.67	0.01	0.0	2	18	5	7	ne	A. B. Quarterman
Center Point	Howard	470	30	78.5	-0.1	98	30	55	4	30	1.76	-2.62	0.77	0.0	7	18	10	2	sw.	John C. Floyd
Clarendon	Monroe	200	25	......	......	......	......	......	......	......	3.95	+0.61	2.46	0.0	5	11	9	10	s	J. W. Bishop
Clinton	Van Buren	516	8	......	......	......	......	......	......	......	2.16	......	0.51	0.0	7	9	19	2	sw.	A. L. Stephens
Conway	Faulkner	309	46	77.4	-0.8	96	29†	51	4	31	4.10	+0.05	1.77	0.0	7	24	4	2	s	E. E. Cordrey
Corning	Clay	293	36	75.1	-0.5	95	23	50	4†	34	3.58	+0.54	1.12	0.0	7	16	7	7	s	Winfred D. Polk
Corning (river)	Clay	280	5	......	......	......	......	......	......	......	2.96	......	1.10	0.0	7	15	9	6	......	Henry Stafford
Cotter	Marion	408	2	......	......	......	......	......	......	......	3.91	......	1.11	0.0	6	11	11	8	s.	J. O. Linck
Crossett	Ashley	175	14	78.8	+0.2	97	30	54	4	41	0.37	-5.14	0.32	0.0	2	13	6	11	sw.	A. E. Wackerman
Danville	Yell	327	13	......	......	......	......	......	......	......	6.65	+3.29	2.70	0.0	4	17	7	6	n.	C. G. Hudson
Dardanelle	Yell	330	43	79.0	+1.2	99	30	53	4	40	3.90	+0.26	1.45	0.0	8	18	7	5	se	G. N. Goodier, Jr.
De Valls Bluff	Prairie	153	2	......	......	......	......	......	......	......	1.81	......	1.51	0.0	7	24	1	5	......	H. G. Pate
Dumas	Desha	162	23	77.4	-1.4	96	30	50	4	30	1.11	-3.02	0.67	0.0	6	6	20	4	s.	Ben Johnson
Dutton	Madison	1590	26	69.6	-2.2	89	11	42	4	34	7.66	+2.16	2.28	0.0	10	15	12	3	s.	J. M. Ricketts
El Dorado	Union	270	28	79.4	+0.4	97	29	51	4	41	1.59	-1.44	1.50	0.0	2	7	16	7	se.	J. J. Babb
England	Lonoke	229	22	76.7[c]	-1.2	97[c]	29	50[c]	4	32[c]	2.56	-1.10	0.66	0.0	8	20[c]	5[c]	2[c]	s	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	73.0	-1.0	91	28	47	4	25	7.02	+1.31	3.50	0.0	11	16	8	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	73.6	-0.6	92	28	48	3	30	6.66	+2.09	1.61	0.0	14	14	9	7	s	University of Arkansas
Fort Smith	Sebastian	457	48	76.7	-0.8	96	11	57	4	26	5.22	+1.50	2.17	0.0	10	15	9	6	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	5	......	......	......	......	......	......	......	2.96	......	0.93	0.0	10	17	8	5	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	......	......	......	......	......	......	......	0.74	-3.19	0.48	0.0	4	19	4	7	......	T. J. Logan
Georgetown	White	200	17	......	......	......	......	......	......	......	5.35	+1.93	2.65	0.0	6	16	7	7	......	W. R. Owens
Gilbert	Searcy	675	6	......	......	......	......	......	......	......	3.15	......	1.25	0.0	6	10	20	0	......	Ben F. Battenfield
Grannis	Polk	900	10	73.0	......	92	22†	46	17	41	3.11	......	1.44	0.0	7	19	8	3	sw.	W. E. McVay
Gravette	Benton	1250	32	72.9	-0.7	92	28	50	4	36	6.68	+1.27	1.67	0.0	13	13	12	5	s.	A. F. Stevens
Harrison	Boone	1052	28	74.2[b]	+1.3	99[b]	28	45[b]	4	43[b]	6.02	+2.04	2.00	0.0	8	19[b]	7[b]	2[b]	......	G. L. Wright
Helena	Phillips	250	57	77.1	-1.1	97	29†	52	4	30	4.06	+0.13	2.20	0.0	7	12	6	12	s	James A. Burnett
Higden	Cleburne	445	11	......	......	......	......	......	......	......	3.70	......	1.05	0.0	10	14	13	3	s.	Geo. W. Baker
Hope	Hempstead	377	58	83.8	+5.4	101	29	54	4	39	0.63	-3.26	0.33	0.0	2	23	2	5	s.	N. P. O'Neal
Hot Springs	Garland	600	38	76.4	-1.5	96	30	52	4	33	5.02	+0.11	2.16	0.0	7	23	7	0	......	G. C. Bolton
Index ‡‡	Little River	275	4	......	......	......	......	......	......	......	1.27	......	0.90	0.0	5	16	6	8	......	H. G. Sanderson
Jessieville	Garland	750	3	......	......	......	......	......	......	......	3.76	......	0.98	0.0	8	20	4	6	sw	U. S. Forest Service
Jonesboro	Craighead	345	34	76.5	-0.8	97	25†	50	4	33	3.80	+0.10	1.52	0.0	6	25	3	2	sw.	Benedictine Sisters
Junction ‡‡	Union	182	35	..	..	..	..	..	..	..	......	......	......	......	..	..	..	..	......	J. A. Lowderback
Lambrook	Phillips	155	6	..	..	..	..	..	..	..	......	......	......	......	..	..	..	..	......	Mrs. D. C. White
Lead Hill	Boone	650	2	73.2	......	96	28†	45	4	37	3.71	......	0.77	0.0	9	21	6	3	sw.	J. H. Crosswhite
Little Rock	Pulaski	357	50	77.0	-0.4	94	30	54	4	23	4.25	+0.49	2.07	0.0	10	10	13	7	s.	U. S. Weather Bureau
Lurton	Newton	2100	4	70.8	......	88	11	47	4	26	4.21	......	1.83	0.0	9	16	11	3	s.	L. C. Sutton
Lutherville ‡‡	Johnson	775	31	75.4	-0.4	94	29	49	4	29	3.88	-0.59	1.56	0.0	7	18	5	7	se.	H. G. Lenhardt
Magnolia	Columbus	315	10	78.9	......	99	22†	54	4†	34	0.36	......	0.14	0.0	6	17	12	1	s.	State Agri. School
Malvern	Hot Springs	277	42	77.4	-0.1	96	30	52	4	31	3.24	-0.92	1.15	0.0	6	26	2	2	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	24	72.0[c]	-2.3	93[b]	1	46[c]	3†	32[b]	2.72	-1.60	0.96	0.0	7	22	5[b]	1[b]	s.	L. G. Humphrey
Marianna	Lee	235	17	79.0[f]	+1.0	96	30	56[f]	8	34[f]	4.10	-0.42	2.27	0.0	6	19[f]	3[f]	2[f]	s.	C. N. Houck
Marked Tree	Poinsett	229	21	76.4	1.3	96	24†	52	4	29	3.64	+0.71	1.22	0.0	7	18	12	0	n.	Charles Walton
Marshall	Searcy	1070	15	73.2	-3.4	95	29†	43	3	37	3.31	-0.56	1.15	0.0	9	16	7	7	se.	A. J. Parks
Mena	Polk	1185	41	75.9	-0.5	94	11	55	4	32	4.50	-0.31	1.28	0.0	7	17	9	4	sw.	E. W. St. John
Morrilton	Conway	347	8	76.2	......	94	19†	51	4	24	2.96	......	0.83	0.0	6	13	13	4	se.	John Cook
Mountain Home	Baxter	800	15	73.6	-1.2	96	30	46	4	32	4.11	-0.18	1.05	0.0	5	15	5	10	w.	B. S. Halbert
Mount Ida	Montgomery	650	30	73.8	-2.7	94	11†	47	4	37	2.51	-2.13	1.02	0.0	5	18	9	3	se.	G. A. Whittington
Newport	Jackson	231	45	77.4	-0.4	97	29	49	4	26	5.55	+1.91	1.81	0.0	9	16	11	3	n.	A. C. Wilkerson
Norman	Montgomery	750	2	......	......	......	......	......	......	......	3.18	......	1.10	0.0	6	21	8	1	......	U. S. Forest Service
Oden	Montgomery	800	3	......	......	......	......	......	......	......	3.23	......	1.61	0.0	4	24	2	4	......	U. S. Forest Service
Osceola	Mississippi	240	31	77.2	0.0	95	30	51	4	28	3.94	0.48	1.48	0.0	5	21	1	8	s	June Thomason
Ozark ††	Franklin	396	33	76.0[g]	-2.0	95[g]	19	[illegible]	4	35[g]	8.02	+3.75	3.93	0.0	6	20[g]	2	1[g]	sw	Isham Burrow
Paragould	Greene	301	3	......	......	......	......	......	......	......	3.01	......	1.28	0.0	8	23	5	2	n.	W. R. Heagler
Patterson	Woodruff	196	13	......	......	......	......	......	......	......	6.73	+2.63	3.10	0.0	4	26	0	4	s	W. E. Baker
Piggott	Clay	307	5	......	......	......	......	......	......	......	4.48		1.60	0.0	7	16	11	3	sw.	V. C. Wright
Pine Bluff	Jefferson	215	42	80.2	+1.2	101	30	53	4	36	4.32	+0.45	2.66	0.0	5	21	2	7	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	75.4	-1.0	96	18†	49	4	31	4.64	+0.69	1.50	0.0	8	7	17	6	s.	Benedictine Sisters
Portland	Ashley	122	23	78.6	-0.6	98	30	54	4	33	1.38	-2.76	0.19	0.0	6	11	14	5	s	W. E. Edmiston
Prescott	Nevada	329	41	80.4	+1.9	97	11†	52	4	33	1.44	-2.30	0.82	0.0	6	21	3	6	w.	C. D. Calhoun
Princeton	Dallas	287	23	......	......	......	......	......	......	......	1.22	-2.93	0.55	0.0	4	21	3	6	......	Mrs. F. P. Coleman
Rison	Cleveland	243	28	79.2	+1.5	100	30	51	4	31	0.36	-3.59	0.23	0.0	2	6	13	11	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	72.8	-0.6	94	28	47	4	32	4.68	+0.07	0.92	0.0	12	16	7	7	s.	Carl A. Starck
Saratoga	Howard	288	1	73.6[h]	......	97[j]	22	55[f]	7	32[j]	1.26	......	0.56	0.0	4	23	6	1	s.	C. C. Van Zandt
St. Francis	Clay	290	2	......	......	......	......	......	......	......	1.07	......	1.46	0.0	6	22	0	8	......	S. T. Rooney
Searcy	White	236	20	75.2	-2.0	95	30	49	4	29	4.43	+0.93	2.15	0.0	9	26	0	4	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	22	......	......	......	......	......	......	......	1.10	-3.26	0.55	0.0	3	20	1	9	......	Miss Grace Field
Story	Montgomery	700	5	......	......	......	......	......	......	......	3.73	......	1.30	0.0	8	16	10	4	sw.	S. C. Story
Stuttgart	Arkansas	228	42	77.8	+0.2	97	30	50	4	30	3.46	-0.55	1.70	0.0	8	14	14	2	s.	Adam F. Buerkle
Subiaco	Logan	1050	32	77.0	-0.4	97	11	52	4	30	6.39	+2.42	2.93	0.0	7	16	5	9	s.	New Subiaco Abbey
Texarkana	Miller	332	43	79.4	+0.4	101	22	57	4	34	0.95	-2.68	0.80	0.0	3	19	9	2	s.	H. S. Brashear
Thornburg	Perry	650	5	71.4	......	102	19	41	4	39	5.56	......	1.50	0.0	11	15	8	7	s.	Edward E. Holmes
Waldron	Scott	675	10	......	......	......	......	......	......	......	6.23	......	2.24	0.0	6	14	8	8	sw.	Dr. Cheves Bevill
Warren	Bradley	206	35	80.2	+1.4	99	30	53	4	31	2.85	-1.13	1.97	0.0	3	18	12	0	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	......	......	......	......	......	......	......	4.83	......	1.61	0.0	6	11	13	6	sw.	J. R. Huddleston
Whitecliffs	Little River	290	25	......	......	......	......	......	......	......	1.21	-2.30	0.68	0.0	5	14	8	8	..	Nannie O. Schirmer
Wilson	Mississippi	237	4	75.0	......	97	29	47	4	32	2.29	......	0.78	0.0	6	21	6		se.	M. W. H. Collins
Winslow	Washington	1734	14	71.2	-0.5	89	11	46	4	29	6.85	+1.84	1.87	0.0	11	13	16	1	s.	O. H. Black
Wynne	Cross	250	21	77.4	-1.1	98	30	48	4	34	3.35	-0.26	1.00	0.0	5	17	12	1	s.	R. T. Cobbs
Yancopin	Desha	167	5	......	......	......	......	......	......	......	2.88	......	2.21	0.0	3	12	9	9	......	W. E. Barton
State Means and Extremes				76.2	-0.9	102	19	41	4	43	3.68	-0.34	3.93	0.0	7	17	8	5	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a], [b], [c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route A, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. **24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for June, 1929

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita			.20		.12								1.25												.06							1.63
Arkadelphia	Ouachita			1.23			02							1.10	54									.05	T.								2.94
Arkansas City	Mississippi			T.			T.		1.34						.29											T.							1.63
Arlberg	White		.44	.51		.13	1.08							.68						1.09		.51				.81							5.25
Batesville	White		.10	.60	.04		T.		.91					.56	.46						.04			.06		.86							3.63
Bee Branch	Arkansas		.62	.49		.07		.87	.20					.47	T					.51			.40	.23	1.45								5.31
Bentonville ***	Arkansas	.92	1.98	.68		.62	.01	1.35					.06	.01	.03					1.32	.25	.28	.49		.05								8.05
Black Rock	White		.31	.11	.07				1.07					.68	.39	.42					.08	T				.50							3.63
Blytheville	Mississippi	37	T.	T.				.75	.01				.09	.54	.04									.10	2.05								3.95
Booneville	Arkansas		T.	.54		.70							T.	.51								.53	.15	1.50	.27								4.20
Brinkley	White			.64			.02		3.76					.10	.24											40							5.16
Calico Rock	White		.15	31	T.		T.	T.	1.70				T.	1.60	.04	T.								.09		T.							3.89
Camden	Ouachita																						.01			.01							0.02
Center Point	Red			31		.44	.03							.77							.06	T.		.14	.01								1.76
Clarendon	White		.60	.30	.02		T		2.46					.02	.18										.25	.12							3.95
Clinton	White		.35	.51		.09		.40						.36										.15	.30								2.16
Conway	Arkansas		.35			.02		1.05						.57								.11		.23		1.77							4.10
Corning	White		.14		.12				1.12					1.00	.27											.50				.43			3.58
Corning (river)	White		.15		T.				.86					1.10	.20					T.	T.		T.		.05	.20				.40			2.96
Cotter	White	T.	.40	.85			10	T.	.56					1.11	T.								T.	.22		T.							3.24
Crossett	Ouachita														.05								.32										0.37
Danville	Arkansas			2.29										1.17									.49	2.70									6.65
Dardanelle	Arkansas	.03	.02	.76			.07							.31									.22	1.45		1.04							3.90
De Valls Bluff	White		.84	.45			T.		.99					.49	.22										.31	1.51							4.81
Dumas	Mississippi			.10		.05		.67						.05						T.	.04				20	T.							1.11
Dutton	White		.18	2.28		.62	T.	06	.17				T	1.56							.05		.35	T.	2.08	.31	T.						7.66
El Dorado	Ouachita	T.																					.30			1.50				T.			1.80
England	Arkansas		.33	.31		.02	.61	66						.28								.05			T	.30							2.56
Eureka Springs	White		3.50			52	.06	.65	.38				02	.82	.05					.10	.07	.03	26	.16	.40								7.02
Fayetteville	White			1.60		.98	.06	.43	.04				.02	1.12						.09	.08	.25	02	1.44	.48	.05							6.66
Fort Smith ***	Arkansas	.05		.38		.38	T.	.06					.11	.09	T.						T.	.66	2.14	.03	1.32	T.							5.22
Freeman Sprgs.	Arkansas		T.	.93	.05		.21		.35					.38		.11						.08	.12	.57		.16							2.96
Fulton	Red						.48	T.						.13	T.							.02				.11							0.74
Georgetown	White			1.14			.10		2.65					.18		.08										1.23							5.38
Gilbert	White	T.	.19	.42				.12	.70					1.25	T.									.47	T.								3.15
Grannis	Red			.38		.80	.01	T.						1.44							.04	T.		.37	.07								3.11
Gravette	Arkansas		.80	1.67		.67	.02	1.11				.04		.47	.10					1.25	.21	.11		.15	.08								6.68
Harrison	White		2.00	.51		.07	T.	.46							.08						T.	.78	1.97	.15									6.02
Helena	Mississippi			.96	.16		.02		2.20	.06					.16											.50							4.06
Higden	White		.32	1.05		.02		.24	.70					.56	.06					T.			.22		.47	.06							3.70
Hope	Red					30								.33								T.											0.63
Hot Springs	Ouachita		.12	1.43		.20								.42								.16		2.16	.53								5.02
Index	Red						.90	.05						.05									.05			.22							1.27
Jessieville	Ouachita		.10	.96		.15		.73						.25								.17		.98	.42								3.76
Jonesboro	White			.05					1.52					.56	.68	.55										.44							3.80
Junction	Ouachita																																....
Lambrook	White																																....
Lead Hill	White		.77	.37		.04	T.	.75	.45			T.	T.	.52	.02					T.	T.		.75	.07	T.								3.74
Little Rock ***	Arkansas		.25	.39		.02		.10	.53					.14								.69		.06	1.81	.26							4.25
Lurton	White		.30	1.89		.20		.10	T.					1.02	.01							.08	.06		.55								4.21
Lutherville	Arkansas			1.10		.15								37							.08	.34		1.56	.28								3.88
Magnolia	Red					.05			.10					.02									.14		.03	.02							0.36
Malvern	Ouachita			.40										1.00	.20								.02	1.15		.47							3.24
Mammoth Spg.	White	.43	.22									.17	.96	.17	.49								.28	T.									2.72
Marianna	Mississippi								.13	2.27					.33		.21									1.12	.04							4.10
Marked Tree	Mississippi			.03	.37				1.22					.07	1.21	.45										.29							3.64
Marshall	White		.20			70		.06	.95					1.15	.03								.09	.13		.03							3.34
Mena	Ouachita			.23		05	.84							1.28									.95	.87		.28							4.50
Morrillton	Arkansas			.75		.10								.60								.15		.83		.53							2.96
Mountain Home	White		.50	.35				1.95					T.	.76									.55										4.11
Mount Ida	Ouachita			.48		.33								.48								.20		1.02									2.51
Newport	White		.05	.43					1.81					.31	.56	.58					.37				02	1.42							5.55
Norman	Ouachita			.41		.44								1.10								.23		.60	.40								3.18
Oden	Ouachita		50			.72									1.61										.40								3.23
Osceola	Mississippi		.21	T.					1.48				.51	.58											1.16								3.94
Ozark	Arkansas			2.04			.33						T.	.25	T.								.83	3.93	T.		.64						8.02
Paragould	Mississippi	.10	.12					.35					.65	.35	.10										1.28				.06				3.01
Patterson	White			.74					2.38					.51												3.10							6.73
Piggott	Mississippi	T.		.05				43	.12					1.45											.70	.13			1.60				4.48
Pine Bluff	Arkansas			.47			.03		1.09						2.66											.16	T.						4.32
Pocahontas	White		.13	.15				.48	.30					1.40	.46										1.50	.22							4.64
Portland	Ouachita								.18	.15					.37							.49	.18		.01								1.38
Prescott	Ouachita		.23			.16	.08							.09								.06	.82										1.44
Princeton	Ouachita					.42	.15							.10												.55							1.22
Rison	Ouachita			.13		T.	T.							T.	T										.23								0.36
Rogers	White		.92	.89		.71	.03	.37					T.	.29	.27					.41	.13		.46	.09	.11								4.68
Saratoga	Red			.10		.56								.35							.25												1.26
St. Francis	Mississippi		T.	T.					.71	T.			.12	1.46	.26											.48				1.04			4.07
Searcy	White		.02	1.27	.04		.04		2.15					.21	.16	.02										.52							4.43
Springbank	Red						.55	T.							T.							.41	T.	T.		.14	T						1.10
Story	Ouachita		.17	.48		.32							.60	.09								.15	.62		1.30								3.73
Stuttgart	Arkansas		.12	.34			.03		1.70	.03				.23											.06	.95							3.46
Subiaco	Arkansas		T.	1.45		.55							T.	.40								.44	T.	2.93	57	.05							6.39
Texarkana	Red						.80																.10			.05							0.95
Thornburg	Arkansas		.01	.70		.02	.04	.45					T.	.4[illegible]								.50	.60	1.50	.43	.89							5.56
Waldron	Arkansas			.47		1.09		T.					T.	1.44								.67		2.24	.32								6.23
Warren	Ouachita			.55							T.				.33				T.				T.			1.97	T.						2.85
Waters	Ouachita		.86			.87								1.61								.46		.79	.24								4.83
Whitecliffs	Red		.03	.02		T.	.68	.01						.47	T.										T.	T.							1.21
Wilson	Mississippi		08		.35				.67					T.	78	.01										.40							2.29
Winslow	Washington		.53	1.04		.81	T.	.09	.11				T.	1.87								.01	.67	T.	1.31	.43	.01							6.88
Wynne	Mississipp	.30						1.00	.70					.35	T.											1.00							3.35
Yancopin	Arkansas		T.	T.	.06				2.21																		.61							2.88

Daily River Stages for June, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	28	26	27	28	29	30	31
Fort Smith	Arkansas	22	12.4	14.4	11.9	16.4	19.4	21.7	20.7	18.8	19.5	20.7	19.3	17.7	17.0	17.6	17.4	16.3	13.3	10.9	10.9	9.8	9.3	10.7	13.8	14.6	14.7	16.0	17.3	15.7	13.9	12.3	
Ozark	do	22	11.5	11.0	13.7	14.0	15.8	18.0	18.8	17.9	17.8	17.8	17.6	16.0	14.9	14.5	14.4	13.8	12.9	10.0	9.2	7.8	5.6	4.7	10.3	13.0	12.8	13.9	14.0	15.8	13.6	11.2	
Dardanelle	do	20	13.7	13.0	13.0	14.8	15.5	17.8	19.4	19.0	17.7	16.7	18.5	17.7	16.4	15.5	15.8	15.5	15.0	12.8	10.5	9.4	8.7	8.2	11.1	13.0	13.8	13.5	13.5	15.1	14.1	11.9	
Morrillton	do	20	18.4	11.3	11.4	13.5	13.7	15.5	17.5	18.2	16.5	16.0	17.0	16.8	15.3	14.2	14.5	14.2	13.8	11.5	9.0	7.5	6.5	6.0	6.0	10.0	11.9	12.0	11.4	13.0	13.0	11.2	
Little Rock	do	23	15.0	13.0	11.8	13.2	14.2	14.9	16.9	18.1	17.6	16.8	16.8	17.4	16.8	15.4	14.8	14.8	14.8	13.8	11.5	9.1	7.8	6.9	6.3	8.3	12.0	12.9	12.6	12.6	14.0	12.8	
Pine Bluff	do	25	21.3	19.6	17.7	16.9	18.5	18.9	20.1	21.9	22.6	22.0	21.1	21.3	21.5	20.6	19.5	19.2	18.9	18.7	17.3	15.3	13.7	12.7	12.1	11.7	14.4	16.7	17.0	16.7	17.2	17.8	
Yancopin	do	29	41.6	44.4	44.1	43.7	43.3	43.0	42.6	42.3	41.9	41.4	40.9	40.3	39.8	39.3	38.8	38.2	37.7	37.2	36.7	36.1	35.3	34.4	33.3	32.3	31.5	31.6	31.4	30.9	30.3	30.0	
Danville	Petit Jean	20	4.9	4.1	7.8	8.2	6.5	4.9	6.5	5.6	5.0	4.0	3.7	3.3	3.7	3.8	3.7	3.4	3.0	2.8	2.4	2.2	2.1	2.1	10.7	15.4	12.9	9.2	5.3	4.8	3.5	3.1	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	9.1	7.6	8.9	12.8	12.2	11.8	10.5	13.9	13.1	10.8	10.1	8.5	7.5	7.3	8.0	7.4	7.1	6.3	5.7	5.3	5.0	4.7	4.7	4.6	4.5	7.2	6.7	6.3	5.6	4.9	
Calico Rock	do	23	8.8	7.6	7.2	11.2	12.4	10.4	10.6	10.2	13.1	11.2	9.6	8.2	7.2	7.3	7.4	7.0	7.3	5.9	5.2	4.7	4.3	3.9	3.8	5.0	3.9	4.1	6.4	5.2	4.8	4.1	
Batesville	do	26	16.4	15.2	13.6	15.3	19.0	18.1	17.5	17.3	19.7	19.2	16.8	15.7	14.1	13.5	14.4	13.5	13.6	12.8	11.6	10.8	10.2	9.8	9.4	9.9	11.0	9.4	11.5	11.7	10.9	10.3	
Newport	do	20	23.4	22.6	21.5	20.8	20.7	21.5	21.0	20.9	21.2	22.1	21.9	20.9	19.6	18.5	17.7	17.2	17.0	16.8	16.1	15.4	14.4	13.4	12.0	11.0	11.5	11.5	10.8	12.6	12.0	11.4	
Georgetown	do	21	22.2	22.3	22.4	22.4	22.3	22.2	21.9	22.0	22.2	22.2	22.1	22.0	21.9	21.7	21.3	21.1	20.9	20.6	20.3	19.9	19.7	19.4	18.9	18.4	17.5	17.0	16.4	15.6	15.5	15.4	
De Valls Bluff	do	34	23.4	23.4	23.4	23.4	23.4	23.3	23.2	23.2	23.2	23.2	23.1	23.1	23.1	23.0	22.9	22.7	22.6	22.4	22.2	22.0	21.8	21.7	21.5	21.4	21.2	22.0	20.7	20.5	20.2	20.0	
Clarendon	do	12	30.3	30.1	29.9	29.8	29.6	29.4	29.1	29.1	28.9	28.7	28.5	28.3	28.1	28.0	27.8	27.7	27.5	27.3	27.0	26.8	26.6	26.3	26.1	28.9	25.6	25.3	24.9	24.6	24.2	23.9	
Gilbert	Buffalo	14	5.6	6.0	5.8	7.5	6.6	6.2	6.1	5.9	5.7	5.5	5.4	5.2	5.5	7.8	7.0	6.4	6.0	5.8	5.7	5.5	5.4	5.2	6.4	6.0	5.5	5.2	4.9	4.6	4.3	4.1	
Black Rock	Black	30	15.0	13.5	12.6	11.5	10.2	9.5	9.2	9.4	10.6	9.8	9.0	8.4	8.4	10.0	11.3	12.3	13.1	12.9	12.6	11.9	10.6	9.6	9.4	9.3	10.6	10.1	9.8	9.5	9.0	8.6	
Camden	Ouachita	28	15.1	16.0	16.0	15.1	13.0	12.3	11.6	11.0	9.5	8.6	8.6	7.7	7.2	7.1	7.0	13.4	13.0	10.4	7.9	7.1	6.5	6.2	5.8	5.7	5.5	5.1	4.8	7.0	6.4	6.1	
Fulton	Red	44	24.9	24.4	23.7	23.2	23.0	22.7	21.9	20.9	19.8	18.8	19.8	19.2	17.4	15.6	14.5	14.8	15.6	14.8	13.4	12.1	11.2	10.5	10.0	9.8	9.6	9.4	9.5	9.4	9.2	9.0	
Helena	Mississippi	48	52.3	52.0	51.7	51.2	50.6	49.8	48.9	48.0	46.9	45.7	44.8	43.9	43.2	42.5	41.9	41.1	40.4	39.5	38.5	37.5	36.3	35.0	33.7	32.5	31.4	30.1	28.8	27.6	26.8	26.8	
Arkansas City	do	48	58.7	58.6	58.4	58.2	57.8	57.4	57.0	56.6	56.1	55.7	55.2	54.6	53.8	53.2	52.7	52.0	51.4	50.7	50.0	49.3	48.5	47.5	46.3	45.2	43.8	42.5	41.3	40.1	39.0	38.0	

Daily Temperatures for June, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	90	92	85	80	76	82	90	91	88	90	95	90	86	90	90	88	90	93	95	87	85	95	88	90	88	90	90	88	91	91		88.8
	Minimum	60	66	62	50	59	56	62	68	63	58	65	63	61	58	60	63	70	70	67	68	64	65	65	65	66	60	62	65	65	67		63.1
Batesville§§	Maximum	90	75	70	78	74	83	80	83	82	84	90	86	78	83	88	87	87	91	92	90	87	83	91	92	83	83	87	90	93	93		85.1
	Minimum	64	64	53	43	51	56	60	64	56	53	53	67	64	55	59	60	64	70	64	64	61	68	68	68	64	52	57	64	69	68		60.9
Bentonville	Maximum	87	86	65	75	71	73	76	77	82	87	90	88	77	86	88	85	86	89	88	78	82	80	79	76	76	80	85	90	90	89		82.0
	Minimum	64	60	54	50	58	56	61	62	60	63	73	67	62	61	66	65	68	71	66	63	67	66	64	64	59	54	57	67	71	71		63.0
Bee Branch	Maximum	93	92	84	79	76	83	82	84	86	86	92	91	87	87	91	91	89	94	93	90	87	84	92	90	85	81	90	93	96	97		88.2
	Minimum	67	65	54	48	55	57	62	64	59	56	63	72	64	56	60	60	69	68	67	67	65	63	65	65	65	55	58	67	70	70		62.5
Blytheville	Maximum	92	89	76	81	82	86	86	80	83	86	92	91	90	89	92	96	96	93	92	94	89	92	95	90	84	84	90	90	94	95		89.0
	Minimum	71	56	50	56	61	68	65	67	62	65	72	66	60	64	65	71	73	73	72	68	65	66	72	68	61	65	72	73	77	71		66.5
Booneville	Maximum	92	92	86	77	74	79	84	86	84	90	94	89	83	87	89	87	89	93	95	92	86	88	85	84	83	81	89	93	91	94		87.2
	Minimum	64	67	60	53	59	55	64	69	65	[illegible]	69	76	64	58	62	64	71	73	70	67	67	69	64	68	66	56	59	67	70	71		65.0
Brinkley	Maximum	94	87	87	78	80	86	89	82	82	[illegible]	92	89	86	86	89	90	91	92	93	92	88	91	93	94	84	85	91	92	96	97		88.7
	Minimum	69	68	55	48	53	65	63	64	62	56	62	63	68	58	63	63	69	69	68	69	67	66	70	71	70	59	63	69	71	74		64.5
Calico Rock§§	Maximum	94	81	71	79	71	83	74	83	83	88	93	88	81	85	91	88	89	92	93	89	85	82	92	90	82	84	91	97	98	98		86.4
	Minimum	66	67	54	46	54	56	58	64	59	56	57	70	63	57	58	61	64	68	67	68	62	63	67	68	66	51	55	59	69	69		61.4
Camden§§	Maximum	93	93	72	81	74	86	91	91	85	92	96	94	87	88	93	94	93	94	95	96	94	96	93	97	87	90	92	94	97	98		90.9
	Minimum	67	67	64	51	57	60	63	69	64	56	61	70	71	56	59	61	65	71	67	68	67	68	66	67	69	61	62	67	71	71		64.5
Center Point	Maximum	92	92	82	81	73	81	90	93	85	89	94	88	86	89	89	88	88	91	91	94	90	95	91	90	86	86	94	93	97	98		89.2
	Minimum	79	70	62	55	59	60	69	71	65	65	71	70	66	59	65	67	71	72	71	71	72	71	65	70	70	64	67	70	74	73		67.8
Conway	Maximum	92	90	86	80	79	85	87	84	85	88	94	93	85	89	91	90	90	92	94	94	93	87	89	89	83	83	92	92	96	96		88.9
	Minimum	71	69	57	51	59	60	66	66	64	61	67	75	66	60	60	64	71	72	70	71	68	65	65	69	69	59	63	71	72	73		65.8
Corning	Maximum	92	87	72	82	83	88	81	83	84	88	89	88	84	81	90	91	91	94	94	91	88	87	95	93	86	85	90	93	95	95		88.0
	Minimum	67	60	53	50	50	55	65	63	57	54	63	70	62	54	58	64	69	72	70	68	62	58	67	67	64	54	58	72	67	73		62.2
Dardanelle	Maximum	93	91	89	83	82	84	85	89	90	92	97	95	88	91	93	94	93	95	97	98	93	90	90	90	87	98	93	95	96	99		91.7
	Minimum	68	68	60	53	60	64	66	67	63	62	68	76	65	60	65	65	72	72	70	70	68	66	66	68	69	58	60	71	73	74		66.2
Dumas	Maximum	92	90	80	79	81	87	92	88	82	86	90	90	90	85	90	91	92	93	94	93	90	94	94	94	85	87	90	91	95	96		89.4
	Minimum	67	68	58	50	54	65	63	65	62	57	60	70	72	62	64	63	71	68	67	69	66	69	69	71	69	63	65	68	73	73		65.4
Dutton	Maximum	85	82	74	76	66	75	77	78	82	84	89	85	77	82	85	83	85	88	87	83	78	82	84	80	77	79	83	89	88	88		81.7
	Minimum	55	57	53	42	53	49	56	57	52	54	64	69	59	53	56	58	67	69	62	60	60	60	57	60	61	45	52	59	62	63		57.5
El Dorado	Maximum	93	92	84	82	77	87	91	92	86	92	95	93	87	89	93	94	95	93	96	93	94	90	94	88	84	88	88	91	97	96		90.5
	Minimum	72	75	66	54	62	64	68	73	66	61	65	71	71	65	66	66	73	71	71	73	71	71	66	67	70	66	68	71	75	73		68.4
Eureka Springs	Maximum	85	83	78	75	74	74	69	79	82	88	89	87	78	86	85	84	85	88	87	82	83	82	82	78	81	81	84	91	90	90		82.7
	Minimum	67	62	53	47	57	53	61	61	60	62	73	72	62	59	68	66	69	71	66	64	66	62	63	66	61	55	57	70	70	73		63.2
Fort Smith	Maximum	92	92	74	76	68	76	83	84	82	92	96	92	83	88	92	88	89	91	94	90	79	87	83	81	82	81	90	93	94	94		86.2
	Minimum	70	68	61	57	60	59	67	68	66	66	73	69	66	62	67	69	73	73	73	72	68	64	63	70	66	60	64	71	75	76		67.2
Grannis	Maximum	88	89	84	84	74	78	86	90	84	87	91	86	84	86	86	86	87	89	90	90	81	92	88	86	85	84	89	88	92	92		86.5
	Minimum	61	62	60	51	57	55	60	56	58	58	62	67	55	53	56	56	46	64	63	62	63	64	62	62	64	54	55	63	66	69		59.5
Gravette	Maximum	86	82	74	86	73	73	76	78	81	85	89	85	78	86	85	84	84	87	89	86	80	80	79	75	77	79	82	92	90	88		82.3
	Minimum	67	62	54	50	56	54	64	58	71	62	72	71	62	60	66	63	70	70	65	63	65	66	64	65	69	52	59	65	69	71		63.5
Helena	Maximum	93	90	75	77	82	86	90	82	80	87	90	89	85	86	90	92	91	93	92	95	90	93	96	90	82	85	90	92	97	97		88.6
	Minimum	69	69	58	52	56	64	66	64	62	59	60	71	70	61	68	65	71	71	68	70	68	65	70	68	68	62	65	69	74	71		65.6
Hope	Maximum	86	90	94	84	75	66	95	96	89	94	100	96	87	95	92	97	98	100	99	98	90	100	96	96	89	93	98	97	101	99		93.0
	Minimum	68	60	59	54	59	56	63	69	64	69	66	68	69	56	62	61	71	68	66	68	67	68	68	66	69	60	60	67	72	71		64.5
Hot Springs	Maximum	93	86	76	81	70	82	86	88	86	91	96	92	89	89	92	94	94	94	95	93	83	92	86	90	86	87	93	91	94	96		88.8
	Minimum	74	69	59	52	56	66	54	66	61	58	65	73	65	57	60	63	62	69	68	68	66	65	64	65	69	58	60	69	70	71		64.1
Jonesboro	Maximum	94	83	87	80	80	87	83	82	83	87	92	90	83	82	89	91	91	93	94	91	89	88	94	93	90	86	91	90	97	97		88.6
	Minimum	72	54	54	50	54	60	68	64	62	57	67	73	64	58	61	69	69	74	72	71	68	64	64	71	68	59	61	72	73	73		64.9
Lead Hill	Maximum	90	79	73	79	70	82	74	83	84	90	94	91	80	89	92	88	91	93	93	87	86	81	87	83	81	84	89	96	96	96		86.0
	Minimum	63	64	54	45	55	51	59	62	56	58	64	72	64	56	59	60	63	65	67	66	62	63	64	63	61	50	54	64	65	68		60.4
Little Rock	Maximum	91	90	72	76	72	83	85	80	82	86	92	90	81	86	89	88	88	91	92	91	83	87	88	89	82	82	89	90	93	94		86.1
	Minimum	72	67	56	54	61	61	66	66	65	65	69	74	68	65	67	69	71	72	73	75	71	69	68	68	68	65	68	71	74	75		67.9
Lurton	Maximum	84	82	68	73	60	74	75	74	78	82	88	85	74	78	84	82	83	85	87	82	78	80	83	80	73	76	80	85	86	87		79.5
	Minimum	63	61	50	47	56	55	62	60	58	60	66	71	60	58	61	71	62	68	67	66	64	62	61	65	61	58	59	67	70	71		62.0
Lutherville	Maximum	89	86	81	78	71	79	82	83	86	87	93	89	81	86	90	88	89	91	93	88	78	87	86	86	80	82	88	90	94	93		85.8
	Minimum	68	66	55	49	59	56	64	65	62	60	67	75	64	59	68	76	74	72	70	69	67	65	64	68	67	58	59	68	72	72		65.1
Magnolia	Maximum	92	90	80	86	78	84	91	90	80	91	97	94	88	92	95	96	98	96	97	95	93	99	91	94	86	89	97	96	99	98		91.7
	Minimum	68	66	66	54	54	62	65	70	66	59	65	67	70	58	63	63	71	70	68	68	69	72	66	70	70	65	64	71	73	71		66.1
Malvern	Maximum	92	94	87	82	76	86	88	89	87	90	95	92	86	88	90	90	90	93	95	94	93	93	90	93	87	88	92	92	95	96		90.1
	Minimum	68	68	59	52	56	61	63	66	63	57	63	72	65	57	62	62	71	69	68	68	67	65	66	66	70	61	61	71	70	70		64.6
Mammoth Spg	Maximum	93	71	69	74	75	84	77	79	80	84	89	87	78	79	84	87	89	92	90	87	84	87	88	86	80	83	87	88	..	..		83.2
	Minimum	61	52	46	46	53	54	64	63	58	54	64	71	61	54	56	63	71	68	67	68	62	61	66	65	66	54	64	68	..	..		60.7
Marianna	Maximum	93	..	..	..	..	..	..	90	85	85	89	88	85	83	87	88	89	89	93	94	88	93	93	93	83	84	88	92	95	96		89.3
	Minimum	74	..	..	..	..	..	..	66	62	61	64	73	70	65	65	68	67	70	71	73	69	70	72	71	71	65	67	70	75	80		68.7
Marshall	Maximum	89	86	80	75	74	80	79	80	77	88	91	89	81	83	88	84	86	90	90	90	84	87	86	86	81	81	87	94	95	95		85.0
	Minimum	65	65	43	45	65	53	62	64	56	51	54	56	63	56	65	65	70	65	67	67	63	65	64	65	66	51	57	71	68	72		61.3
Mena	Maximum	90	90	80	80	67	78	87	87	84	91	94	89	82	87	89	88	90	91	93	93	84	93	86	83	82	83	91	94	94	93		87.1
	Minimum	65	68	60	55	58	55	62	69	64	61	69	71	62	55	65	66	72	71	68	66	69	65	63	66	67	59	59	69	69	72		64.7
Mount Ida	Maximum	90	90	76	78	68	81	87	90	84	89	94	[illegible]	84	86	87	88	89	90	93	92	81	89	87	91	84	83	88	91	94	94		86.9
	Minimum	62	64	61	47	56	54	51	56	58	56	62	74	62	53	55	51	68	71	64	63	61	63	64	63	63	52	65	65	65	68		60.8
Newport	Maximum	94	91	89	80	79	90	85	87	84	88	92	90	85	85	90	89	93	93	95	90	90	88	95	95	85	86	91	92	97	96		89.5
	Minimum	70	68	53	49	56	63	66	63	62	59	65	72	65	60	63	66	71	71	70	69	67	65	71	68	68	58	63	71	73	73		65.8
Pine Bluff	Maximum	95	96	81	85	83	91	93	90	90	93	98	94	86	89	94	96	94	95	96	98	91	98	98	96	90	92	93	96	100	101		93.1
	Minimum	71	71	60	53	60	65	67	67	65	60	65	73	72	62	66	65	71	71	69	73	71	68	69	73	71	65	66	70	64	74		67.2
Portland	Maximum	96	93	88	88	83	88	92	89	84	88	94	93	90	86	89	89	89	91	91	94	93	94	95	93	85	87	86	91	91	98		90.1
	Minimum	70	71	70	54	57	67	67	66	65	60	61	67	70	66	67	64	69	68	69	70	68	69	70	70	70	69	69	68	74	71		67.2
Prescott	Maximum	94	93	85	80	76	78	92	93	94	94	97	94	90	92	93	94	96	95	95	97	94	96	97	95	89	92	91	93	95	97		92.0
	Minimum	74	72	63	52	61	64	66	74	72	74	71	74	70	59	64	74	72	76	69	72	74	67	70	71	68	62	63	68	77	73		68.9
Rison	Maximum	94	92	90	80	79	87	91	87	84	90	94	94	92	88	93	93	94	95	97	98	96	96	96	96	87	91	93	95	99	100		92.0
	Minimum	70	69	59	51	58	63	66	68	63	59	65	71	71	60	65	65	70	69	69	72	68	67	67	71	70	63	65	69	73	72		66.3
Stuttgart	Maximum	94	91	87	77	79	90	87	81	91	88	93	91	86	86	92	92	93	93	96	92	88	91	95	91	83	85	91	92	96	97		89.6
	Minimum	69	68	57	50	52	65	63	63	63	73	70	61	61	67	71	70	68	71	68	67	68	67	70	62	62	62	70	74	74	71		65.9
Texarkana	Maximum	95	94	84	88	77	87	91	96	91	93	96	93	91	91	93	93	95	97	96	99	95	101	96	93	92	94	95	95	97	98		93.2
	Minimum	67	65	64	57	60	58	65	67	66	61	64	73	67	61	62	65	67	70	73	73	73	68	68	65	63	60	60	63	70	73		65.6
Thornburg	Maximum	88	88	72	74	64	80	82	81	81	84	90	90	81	83	88	87	86	87	102	89	81	84	82	86	80	79	86	89	90	92		84.2
	Minimum	62	63	55	41	49	54	57	65	53	50	61	65	63	51	59	58	58	67	63	61	61	60	62	59	63	50	53	67	64	65		58.6
Warren	Maximum	94	94	87	84	83	87	92	86	87	91	96	96	92	89	91	91	93	93	94	98	96	94	97	97	86	88	88	94	98	99		91.8
	Minimum	73	73	61	53	59	65	69	70	65	61	66	72	73	64	66	67	71	71	71	75	72	73	70	71	70	66	67	71	77	74		68.5
Wilson	Maximum	93	92	75	78	82	85	85	80	80	84	89	88	82	82	87	88	89	92	92	92	90	93	93	90	82	84	90	91	97	96		87.4
	Minimum	69	68	56	47	52	62	66	64	61	54	62	72	65	57	61	64	70	71	70	72	66	61	70	73	68	58	61	69	72	73		64.5
Wynne	Maximum	93	95	88	79	83	87	91	84	83	87	92	91	86	89	90	91	92	94	95	95	90	94	96	97	85	86	93	94	96	98		90.5
	Minimum	71	74	55	48	54	64	64	65	60	56	62	70	66	59	56	63	71	70	69	70	65	63	64	69	64	59	63	75	71	72		64.4

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., JULY, 1929 No. 7

GENERAL SUMMARY

High day temperatures, cool nights, daily means almost uniformly above normal, abundant sunshine, and slightly deficient precipitation were the distinguishing characteristics of the weather in Arkansas during the month of July. Temperatures were generally near or slightly below normal from about the 2d to the 6th and from the 19th to the 26th, normal or above the remainder of the month. The mean temperature, as determined from the records of 60 stations, was 81.2° which is 1.2° above normal. Four northwestern stations, two northeastern, and one southeastern reported monthly means below normal while all others for which normals have been computed were above. Monthly means ranged from 74.4° at Dutton to 85.2° at Pine Bluff, a difference of 10.8° between northwestern and southeastern sections of the State. The highest temperature recorded during the month was 105° at Pine Bluff on the 17th and at Amity on the 30th, the lowest, 51°, at Dutton on the 21st. Extremes occurred on approximately these dates in most localities. The greatest daily range was 42° at Marshall on the 21st.

The average precipitation for 91 stations was 3.07 inches which is 0.75 inch below normal. Positive departures were recorded at 19 stations, confined principally to northwestern and southern sections of the State, negative at all others. An appreciable amount of rain was recorded in the State every day during the month except the 20th and 21st. Showers were heavier and more frequent during the first decade while the remainder of the month was fairly dry. Monthly totals ranged from 0.44 inch at Conway to 8.44 inches at Dutton. The geographical distribution of the rainfall was irregular, but most of the heavier totals occurred in northwestern sections while the central counties were driest. The average number of days with 0.01 inch or more precipitation was 7.

The weather of the month was mostly favorable for the growth and cultivation of cotton. The crop made excellent progress throughout the State and at the close was in very good condition with squares and blooms plentiful. Corn made good progress where showers were frequent, but in several localities in central and southern sections poor progress was reported due to the hot, dry weather. Pastures and meadows were good where showers occurred and most minor crops made satisfactory progress during the month. No damaging wind or hail storms were reported. W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 6; 2d, 30; 3d, 6; 4th, 7; 5th, 25; 6th, 18; 7th, 12; 8th, 5; 9th, 27; 10th, 19; 11th, 5; 12th, 5; 13th, 7; 14th, 15; 15th, 21; 16th, 11; 17th, 17; 18th, 9; 21st, 3; 22d, 7; 23d, 2; 24th, 10; 25th, 3; 26th, 6; 27th, 2; 28th, 3; 29th, 24; 30th, 32; 31st, 30.

SOLAR HALOS:-----1st, 2; 5th, 1; 11th, 1; 18th, 1.

DENSE FOG:------3d, 1; 9th, 1; 16th, 1; 17th, 1; 18th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	p. m.	
Bentonville	30.00	30.19	12	29.74	4	2.708	15	s.	5	.....	.....	94
Fort Smith	29.99	30.19	12	29.80	17	3,770	26	sw.	6	81	58	85
Little Rock	30.02	30.21	12	29.80	17	4,628	31	s.	5	80	56	79
Memphis	30.03	30.22	12	29.80	18	4,305	27	nw.	31	80	62	76

COMPARATIVE DATA FOR JULY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**80.0**		**116**		**40**		**3.82**		**15**	**11**	**5**	**8**
1891	76.5	−3.5	103	22	50	9	7.24	+3.42	13	8	10	10
1892	79.0	−1.0	104	19	52	4	3.58	−0.24	10	11	10	10
1893	80.9	+0.9	103	28	59	19	2.94	−0.88	17	11	3	6
1894	78.4	−1.6	108	1	51	24	3.98	+0.16	17	9	5	6
1895	78.9	−1.1	104	19	55	9	7.34	+3.52	12	10	9	12
1896	83.4	+3.4	110	31	52	9	1.61	−2.21	16	11	4	4
1897	82.4	+2.4	109	30	50	13	3.25	−0.57	16	11	4	5
1898	79.9	−0.1	105	22	50	11	4.25	+0.43	12	13	6	8
1899	79.0	−1.0	100	16	52	10	5.14	+1.32	15	11	5	8
1900	79.7	−0.3	102	3	51	28	4.46	+0.64	10	15	6	9
1901	83.7	+3.7	116	12	50	10	2.49	−1.33	15	13	3	6
1902	79.4	−0.6	105	16	50	21	4.49	+0.67	14	12	5	6
1903	79.6	−0.4	105	9	53	13	3.86	+0.04	13	12	6	9
1904	77.9	−2.1	104	20	49	21	4.43	+0.61	13	13	5	10
1905	76.7	−3.3	106	14	51	4	7.60	+3.78	10	13	8	13
1906	76.7	−3.3	99	22	48	3	5.96	+2.14	13	9	9	10
1907	81.4	+1.4	108	23	53	4	1.96	−1.86	21	8	2	4
1908	79.2	−0.8	103	16	48	4	3.00	−0.82	15	12	4	8
1909	81.9	+1.9	106	31	50	21	2.51	−1.31	19	9	3	5
1910	79.4	−0.6	105	29	41	18	5.46	+1.64	15	12	4	10
1911	78.4	−1.6	106	3	43	25	4.83	+0.01	9	14	8	11
1912	81.3	+1.3	104	25	56	1	2.82	−1.00	15	13	3	6
1913	81.5	+1.5	104	6	55	21	4.31	+0.49	13	14	4	8
1914	82.6	+2.6	107	14	54	31	2.69	−1.13	11	15	5	7
1915	77.1	−2.9	107	30	43	5	2.40	−1.42	20	7	4	5
1916	82.8	+2.8	106	19	55	9	2.09	−1.73	19	9	3	6
1917	79.6	−0.4	106	1	50	4	5.10	+1.28	15	9	7	8
1918	79.6	−0.4	111	25	49	1	1.53	−2.29	19	7	5	4
1919	81.2	+1.2	104	11	54	18	1.91	−1.91	19	8	4	5
1920	79.8	−0.2	105	24	52	9	4.22	+0.40	15	10	6	7
1921	82.0	+2.0	107	4	54	23	2.42	−1.40	19	8	4	6
1922	80.2	+0.2	106	31	48	5	4.12	+0.30	14	11	6	7
1923	79.9	−0.1	105	21	48	1	3.53	−0.29	16	9	6	6
1924	79.0	−1.0	110	23	40	1	2.35	−1.47	18	8	5	5
1925	81.8	+1.8	109	16	47	3	4.99	+1.17	11	11	9	10
1926	79.8	−0.2	109	4	42	15	3.55	−0.27	17	9	5	8
1927	79.6	0.4	104	11	49	4	2.25	+0.43	17	9	5	6
1928	80.3	+0.3	102	23	52	14	3.66	−0.16	17	8	6	8
1929	81.2	+1.2	105	17	51	21	3.07	−0.75	17	10	4	7

Corrections: Juue, 1929

Amity, mean temperature should be 76.0, departure +1.2.
Blytheville, highest temperature should be 96° on 16th†.
Hope, monthly mean temperature should be 78.8, departure +0.4.
Ozark, highest temperature should be 96° on 11th.
Winslow, monthly mean temperature should be 71.0, departure - 0.5.

Climatological Data for July, 1929

Station	Counties	Elevation, feet	Length of record, years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	34	83.0	+2.9	105	30	62	21	33	1.66	-2.30	0.90	0.0	6	12	18	1	sw.	G. C. Thrash
Arkadelphia	Clark	250	33	....	....	....	....	....	....	....	2.96	-0.79	2.10	0.0	7	22	5	4	s.	W. K. Brown
Arkansas City	Desha	145	45	....	....	....	....	....	....	....	2.63	-1.83	1.20	0.0	5	11	14	6	......	Grady F. Jones
Arlberg	Stone	700	7	....	....	....	....	....	....	....	2.38	....	1.36	0.0	4	14	12	5	ne.	J. D. Reeves
Batesville	Independence	277	30	....	....	..	..	..	..	..	2.88	-0.39	1.04	0.0	8	20	5	6	......	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	80.4	+0.4	100	29†	58	21	35	3.75	+0.04	1.15	0.0	11	3	27	1	s.	J. E. Scanlan
Bentonville	Benton	1303	24	78.4	-0.1	96	30	60	21	27	3.68	-0.63	1.75	0.0	6	30	1	0	s	U. S. Weather Bureau
Black Rock	Lawrence	259	27	....	....	....	....	....	....	....	2.97	-0.92	1.52	0.0	10	24	2	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	4	81.2	.....	97	29	63	20	29	3.80	.....	1.24	0.0	8	10	8	13	s.	E. B Smith
Booneville	Logan	465	15	81.2	+0.1	104	31	63	21†	32	3.60	+0.49	2.10	0.0	6	14	15	2	s.	F. H. Randolph
Brinkley	Monroe	205	42	81.6	+0.8	99	14	61	23	35	3.01	-1.08	1.19	0.0	5	13	15	3	se.	R. J. Torry
Calico Rock	Izard	361	25	79.8	+0.3	100	1	56	21	36	3.20	-0.24	2.02	0.0	6	4	25	2	sw.	W. J. Copp
Camden	Ouachita	158	44	82.3	+1.8	100	9†	61	21	35	2.50	-1.41	1.03	0.0	8	16	9	6	s	A. B. Quarterman
Center Point	Howard	470	30	82.7	+0.9	102	31	65	21	29	3.05	-1.05	1.49	0.0	6	15	13	3	se	John C. Floyd
Clarendon	Monroe	200	25	....	....	....	....	....	....	....	1.12	-2.22	0.75	0.0	5	17	5	9	s.	J. W. Bishop
Clinton	Van Buren	516	8	....	....	....	....	....	....	....	2.52	.....	0.76	0.0	12	0	26	5	sw.	A. L. Stephens
Conway	Faulkner	309	46	83.4	+1.8	101	29†	61	21	36	0.44	-2.88	0.20	0.0	5	22	8	1	s.	E. E. Cordrey
Corning	Clay	293	36	80.5	+1.6	101	29	57	20	32	2.32	-1.15	0.53	0.0	6	20	8	3	s.	Winfred D. Polk
Corning (river)	Clay	280	5	....	....	....	....	....	....	....	3.99	.....	1.48	0.0	9	14	11	6	......	Henry Stafford
Cotter	Marion	408	2	....	....	....	....	....	....	....	3.23	.....	0.95	0.0	6	18	8	5	s	[illegible] O. Linck
Crossett	Ashley	175	14	82.3	+1.1	98	17†	68	23	31	4.71	+0.13	2.00	0.0	6	14	6	11	sw.	A. E. Wackerman
Danville	Yell	327	13	....	....	....	....	....	....	....	2.64	-0.80	1.94	0.0	3	20	2	9	e.	C. G. Hudson
Dardanelle	Yell	330	43	83.4	+2.0	102	17	60	4†	30	2.19	-1.04	1.05	0.0	7	13	10	8	sw.	Mrs. Elva O. Goodier
De Valls Bluff	Prairie	153	2	....	....	....	....	....	....	....	2.69	.....	1.36	0.0	3	24	3	4	.....	H. G. Tate
Dumas	Desha	162	23	81.6	0.0	99	17	62	23	36	3.24	-0.18	1.09	0.0	13	2	21	8	s.	Ben Johnson
Dutton	Madison	1590	26	74.4	-1.1	97	31	51	21	35	8.44	+4.20	3.11	0.0	4	21	9	1	s.	J. M. Ricketts
El Dorado	Union	270	28	83.4	+1.9	98	12†	66	21	29	2.15	-1.12	0.65	0.0	8	5	17	9	sw.	J. [illegible] Babb
England	Lonoke	229	22	82.6	+1.3	102	29	63	21†	32	2.52	+0.11	0.85	0.0	7	17	12	2	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	79.3	+1.3	102	31	57	21	33	4.34	+0.39	1.98	0.0	6	21	10	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	79.1	+1.1	101	31	57	21	32	5.02	-0.90	2.70	0.0	6	16	12	3	s.	University of Arkansas
Fort Smith	Sebastian	457	48	82.3	+0.8	101	31	66	21	26	2.99	-0.38	2.28	0.0	4	19	10	2	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	5	....	....	....	....	....	....	....	4.86	...	1.03	0.0	9	22	7	2	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	....	....	....	....	....	....	....	4.84	+1.43	3.72	0.0	7	19	9	3	......	T. J. Logan
Georgetown	White	209	17	....	....	....	....	....	....	....	1.36	-2.28	0.90	0.0	6	21	3	7	......	W. R. Owens
Gilbert	Searcy	675	6	....	....	....	..	....	....	..	3.95	...	1.80	0.0	5	11	19	1	......	Ben F. Battenfield
Grannis	Polk	900	10	78.4	.....	103	17†	56	21	37	2.07	.....	0.57	0.0	10	18	8	5	se.	W. E. McVay
Gravette	Benton	1256	32	78.6	+1.4	99	31	59	21	29	2.77	-1.42	1.56	0.0	3	22	7	2	s.	A. F. Stevens
Harrison	Boone	1052	28	79.0^{j}	+2.5	98^{j}	16†	53^{j}	21	40^{j}	2.01	-2.31	0.80	0.0	3	14^{j}	4^{j}	3^{j}	......	G. L. Wright
Helena	Phillips	250	57	81.8	+0.5	100	29	64	23	30	1.91	-1.89	0.50	0.0	12	6	7	18	se.	James A. Burnett
Higdon	Cleburne	345	11	....	....	....	....	....	....	....	2.50	.....	0.61	0.0	7	19	10	2	w.	Geo. W. Baker
Hope	Hempstead	377	58	81.0	+3.4	104	30	61	21	39	3.07	-1.45	1.02	0.0	5	19	10	2	s.	N. P. O'Neal
Hot Springs	Garland	600	38	81.9	+0.5	101	17	64	25	32	2.78	-1.45	1.52	0.0	6	21	10	0	......	G. C. Bolton
Index ‡‡	Little River	275	4	....	....	....	....	....	....	....	3.62	.....	1.20	0.0	7	15	9	7	......	H. G. Sanderson
Jessieville	Garland	750	3	....	....	....	....	....	....	....	2.29	.....	1.40	0.0	6	24	6	1	sw.	U. S. Forest Service
Jonesboro	Craighead	345	34	81.9	+2.0	99	29	64	20†	29	1.56	-1.70	0.54	0.0	7	28	1	2	sw.	Benedictine Sisters
Junction ‡‡	Union	182	35	83.3	+1.4	98	1†	66	26†	29	3.58	-0.19	0.92	...	7	19	8	4	sw.	J. A. Lowderback
Lambrook	Phillips	155	6	....	....	..	..	..	..	..	....	......	...	...	..	..	..	..	......	Mrs. D. C. White
Lead Hill	Boone	650	2	79.4	.....	99	31	52	21	40	2.10	.....	0.80	0.0	7	22	6	3	w	J. H. Crosswhite
Little Rock	Pulaski	357	50	82.3	+1.4	99	17	68	21	24	1.20	-2.30	0.39	0.0	7	12	14	5	sw	U. S. Weather Bureau
Lurton ††	Newton	2100	4	76.2	.....	92	11†	60	20†	24	4.43	.....	1.47	0.0	11	19	10	2	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	31	81.2	+1.8	102	31	62	21	32	4.08	+0.58	1.09	0.0	7	18	10	3	s.	H. G. Lenhardt
Magnolia	Columbus	315	10	82.8^{c}	.....	100^{c}	15	62^{c}	30	36^{c}	3.21	.....	1.08	0.0	7	14^{c}	12^{c}	2^{c}	e.	State Agri. School
Malvern	Hot Springs	277	42	82.7	+1.7	101	17	61	21	25	2.87	-0.58	1.40	0.0	5	29	1	1	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	24	79.6^{a}	+1.6	98^{a}	28	56^{a}	21	35^{a}	1.85	-2.22	0.55	0.0	6	21^{a}	9^{a}	0^{a}	s.	L. G. Humphrey
Marianna	Lee	235	17	81.7	+1.5	97	15	68	20†	23	1.56	-2.14	0.95	0.0	5	24	5	2	s.	C. N. Houck
Marked Tree	Poinsett	229	24	80.4	-0.2	100	1	63	20†	30	1.41	-1.99	0.45	0.0	9	13	17	1	n	Charles Walton
Marshall	Searcy	1070	15	79.4	+0.6	99	31	52	21	42	1.99	-1.28	1.00	0.0	7	18	13	5	sw.	A. J. Parks
Mena	Polk	1185	41	80.2	+0.4	99	17†	62	25	30	4.36	+0.31	2.37	0.0	5	15	11	5	sw	E. W. St. John
Morrilton	Conway	347	8	82.5	.....	103	29	63	21	32	1.15	.....	0.60	0.0	2	22	4	5	sw	John Cook
Mountain Home	Baxter	800	15	79.2	+1.9	99	28	63	21	39	4.71	+0.29	2.15	0.0	6	12	13	6	sw	B. S. Halbert
Mount Ida	Montgomery	650	30	79.5	0.0	102	17†	53	21	40	2.87	-0.65	1.85	0.0	9	15	14	2	sw.	G. A. Whittington
Newport	Jackson	231	45	81.8	+0.8	103	29	62	21†	38	2.48	-0.68	1.67	0.0	8	13	15	3	n.	A. C. Wilkerson
Norman	Montgomery	750	2	....	....	....	....	....	....	....	3.49	.....	1.30	0.0	8	18	13	0	......	U. S. Forest Service
Oden	Montgomery	900	3	....	....	....	....	....	....	....	2.51	.....	1.67	0.0	4	23	6	2	......	U. S. Forest Service
Osceola	Mississippi	240	31	81.3	+1.2	99	29	65	19†	26	4.43	+0.87	2.00	0.0	9	16	7	8	s	June Thomason
Ozark	Franklin	396	33	82.8^{c}	+1.0	102^{c}	17†	63^{c}	22†	32^{c}	2.92	-0.43	1.09	0.0	6	19^{d}	2^{d}	6^{d}	se.	Orkney O. Milton
Paragould	Greene	301	3	....	....	....	....	....	....	....	3.30	.....	1.09	0.0	7	19	11	1	se.	W. R. Heagler
Patterson	Woodruff	196	13	....	....	....	....	....	....	....	0.65	.....	0.35	0.0	2	23	5	3	s.	W. E. Baker
Piggott	Clay	307	5	....	....	....	....	....	....	....	6.39	.....	2.75	0.0	14	12	13	6	sw.	V. C. Wright
Pine Bluff	Jefferson	215	42	85.2	+3.0	105	17	66	23	33	1.88	-1.64	1.04	0.0	6	25	1	5	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	80.8	-0.9	99	28†	62	20†	32	4.26	-0.26	1.32	0.0	12	2	20	9	s.	Benedictine Sisters
Portland	Ashley	122	28	80.6	-0.9	99	17	65	23†	30	5.12	+0.62	1.15	0.0	12	11	12	8	sw.	W. E. Edmiston
Prescott	Nevada	329	41	83.8	+2.1	101	31	62	25	35	3.37	+0.25	2.09	0.0	7	18	2	11	s.	C. D. Calhoun
Princeton	Dallas	287	23	....	....	....	....	....	....	....	3.07	-1.32	0.72	0.0	10	18	1	12	......	Mrs. F. P. Coleman
Rison	Cleveland	243	28	84.0	+3.2	103	14†	65	21†	33	1.71	-1.59	0.60	0.0	4	6	12	13	e.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	79.2	+2.2	102	31	57	21	32	3.02	-1.09	1.65	0.0	4	25	5	1	s.	Carl A. Starck
Saratoga	Howard	288	1	81.7	.....	100	17	62	3	28	3.07	.....	1.62	0.0	4	24	2	5	s.	C. C. Van Zandt
St. Francis	Clay	290	2	....	....	....	....	....	....	....	3.88	.....	1.10	0.0	7	25	0	6	......	S. T. Rooney
Searcy	White	236	20	80.8	+0.1	98	16†	60	21†	33	0.66	-1.88	0.22	0.0	6	25	4	2	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	22	....	....	....	....	....	....	....	5.34	+1.76	2.90	0.0	7	24	0	7	......	Miss Grace Field
Story	Montgomery	700	5	....	....	....	....	....	....	....	3.27	.....	1.96	0.0	8	17	12	2	s.	S. C. Story
Stuttgart	Arkansas	228	42	82.8	+2.1	100	17	63	23	34	1.58	-2.30	0.57	0.0	6	11	18	2	s.	Adam F. Buerkle
Subiaco	Logan	1050	32	82.0	+0.7	103	31	60	21	33	2.78	-0.60	1.49	0.0	[illegible]	17	8	6	s.	New Subiaco Abbey
Texarkana	Miller	332	43	82.6	+0.8	103	12	56	3	31	3.60	+0.18	1.10	0.0	6	22	4	5	s	H. S. Brashear
Thornburg	Perry	650	5	77.6	.....	99	17	51	21	42	4.87	.....	1.40	0.0	7	9	22	0	s.	Edward E. Holmes
Waldron	Scott	675	10	....	....	....	....	....	....	....	2.05	.....	1.04	0.0	6	7	17	7	sw.	Dr. Cheves Bevill
Warren	Bradley	206	35	83.4	+1.6	100	1	66	21†	29	5.15	+1.72	2.50	0.0	6	15	16	0	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	....	....	....	....	....	....	....	3.19	.....	1.67	0.0	4	14	12	5	sw.	J. R. Huddleston
Whitecliffs	Little River	290	25	....	....	....	....	....	....	....	3.47	+1.33	1.60	0.0	5	15	8	8	e.	Nannie O. Schirmer
Wilson	Mississippi	237	4	80.8	.....	100	1	64	20†	28	4.62	.....	3.40	0.0	6	21	4	6	s.	M. W. H. Collins
Winslow	Washington	1734	14	75.6	-0.1	95	31	57	20†	30	6.40	+1.12	3.93	0.0	4	19	11	1	s.	O. H. Black
Wynne	Cross	250	21	82.7	+1.7	102	29	62	23	36	2.00	-1.78	0.90	0.0	4	10	20	1	s.	R. T. Cobbs
Yancopin	Desha	167	5	....	....	....	....	....	....	....	2.65	.....	1.39	0.0	11	12	13	[illegible]	......	W. E. Barton
State Means	and Extremes			81.2	+1.2	105	17†	51	21	42	3.07	-0.75	3.93	0.0	7	17	10	4	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for July. 1929

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	...	...	.90	.20	.09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.05	...	...	...	...	.09	.33	...	1.66
Arkadelphia	Ouachita	...	...	2.10	...	.60	.12	...	...	...	...	...	.02	...	...	...	.05	...	...	T	...	...	...	...	...	...	...	.03	...	...	.01	...	2.96
Arkansas City	Mississippi	...	...	...	...	T.	1.20	...	...	...	...	...	...	...	...	...	.14	...	.21	07	...	...	...	...	...	...	.38	T.	T.	T.	...	...	2.03
Arlberg	White	...	1.36	...	...	...	...	.12	...	...	.55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.35	...	2.38
Batesville	White	...	1.04	...	...	...	.04	...	...	...	.38	.02	...	.06	...	T.	...	.12	...	...	...	...	...	...	...	...	...	.93	...	.29	...	T.	2.88
Bee Branch	Arkansas	...	.33	...	...	.49	.16	.05	...	T.	.18	...	...	...	...	1.15	.20	...	...	...	...	...	...	...	...	.22	...	...	.05	...	.04	.88	3.75
Bentonville ***	Arkansas	.53	1.22	...	...	.12	1.11	.69	...	...	...	...	...	...	...	...	...	...	.01	...	...	...	...	...	...	...	...	...	...	...	...	T.	3.68
Black Rock	White	...	.20	.29	...	...	.22	T	.06	...	.09	...	...	...	.25	.03	.03	.28	...	...	...	...	...	...	...	...	...	...	...	...	...	1.52	2.97
Blytheville	Mississippi	...	.18	.16	...	.28	...	...	...	...	1.10	...	...	...	...	.22	.02	1.24	...	...	...	...	...	...	...	...	...	...	...	...	.60	...	3.80
Booneville	Arkansas	...	2.10	...	...	.27	.56	.58	...	T.	T.	...	...	...	...	...	...	.06	.03	...	...	...	T.	...	...	...	...	...	...	...	...	...	3.60
Brinkley	White	...	...	...	...	...	.60	...	...	...	...	...	.30	...	...	...	1.19	.80	...	...	...	...	...	...	...	...	...	...	...	...	.12	...	3.01
Calico Rock	White	...	.60	T.	...	...	.14	.24	.11	...	.09	2.02	...	...	...	...	T	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.20
Camden	Ouachita	...	...	.04	...	.02	.13	...	...	...	.41	...	...	...	...	...	.28	...	...	...	...	...	.09	...	...	1.03	...	...	...	...	...	.50	2.50
Center Point	Red	...	1.49	.38	.32	01	...	...	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	.75	T.	.10	...	...	...	...	...	...	...	3.05
Clarendon	White	...	...	...	.75	...	.08	...	...	...	...	...	...	...	...	.04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.24	.01	1.12
Clinton	White	...	.35	...	.04	.26	.28	.18	...	.16	.76	.01	...	...	...	...	.19	...	...	...	...	...	...	...	...	...	.07	...	...	...	.04	.18	2.52
Conway	Arkansas	...	.11	...	...	.20	.07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.02	...	...	...	.04	...	0.44
Corning	White	...	.52	.41	...	...	...	.20	...	...	...	...	...	...	...	...	...	.48	...	...	...	...	...	...	...	...	...	...	...	.18	.53	...	2.32
Corning (river)	White	...	1.48	.18	...	...	.17	...	.12	...	.06	1.04	...	08	...	...	...	.36	...	...	...	...	...	...	...	...	...	...	...	...	.50	...	3.99
Cotter	White	...	.80	...	...	...	.25	.95	.20	...	...	.70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	T.	...	...	T.	.33	...	3.23
Crossett	Ouachita	...	...	...	...	1.13	.40	...	...	...	...	...	...	...	...	2.00	...	...	T.	...	...	...	...	...	...	...	.01	...	...	...	1.01	.13	4.71
Danville	Arkansas	...	...	1.94	...	...	.36	.34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	...	...	2.64
Dardanelle	Arkansas	...	...	1.05	...	...	.38	.22	.32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.03	...	...	.10	.39	2.49
De Valls Bluff	White	...	...	...	...	T.	77	...	...	...	...	...	...	...	...	.56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.36	...	2.69
Dumas	Mississippi	...	.07	.24	.02	.65	...	...	T.	...	...	.20	...	...	...	T.	.10	.05	.05	...	...	...	.10	...	T	.26	.03	.38	...	T.	T.	1.09	3.24
Dutton	White	...	2.70	...	...	01	2.62	3.11	...	...	T.	...	...	...	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	T.	T.	T.	...	8.41
El Dorado	Ouachita	...	...	.11	...	T.	.20	...	...	...	T.	...	...	...	...	...	.45	...	...	...	...	...	...	.01	...	.33	.01	...	...	...	.39	.65	2.15
England	Arkansas	...	.11	...	.42	.80	.01	...	T.	...	.10	...	...	...	...	.28	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	T.	.85	2.52
Eureka Springs	White	...	1.88	...	...	.04	.20	1.98	...	...	.22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.02	...	4.34
Fayetteville	White	...	2.21	.01	...	.02	07	2.70	...	...	...	...	...	...	...	...	...	...	.01	...	...	...	...	...	...	...	...	...	...	...	...	...	5.02
Fort Smith ***	Arkansas	T.	2.28	T	...	.35	T	30	...	.06	T.	...	T.	...	T.	...	...	T.	T	...	...	...	...	...	...	...	...	...	...	...	...	...	2.99
Freeman Sprgs.	Arkansas	...	.73	.61	...	...	.96	.40	T.	...	.62	...	...	...	...	...	...	...	...	...	...	...	...	.12	...	.03	.36	...	...	...	...	1.03	4.86
Fulton	Red	...	...	3.72	.08	.27	.41	...	...	...	...	...	...	...	...	...	...	...	...	.09	...	...	...	.12	...	.15	...	...	...	...	...	...	4.84
Georgetown	White	...	...	...	.90	.08	.03	...	...	...	...	...	.03	...	...	...	...	.14	...	...	...	...	...	...	...	...	...	.08	...	...	.10	...	1.36
Gilbert	White	...	66	.40	...	...	.52	.57	T.	...	...	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	T.	...	...	T.	T	1.80	3.95
Grannis	Red	...	.23	14	.20	.57	.06	.22	...	...	...	...	...	...	...	.10	...	...	.52	...	...	...	...	...	.02	...	.01	...	...	...	T.	...	2.07
Gravette	Arkansas	...	1.56	...	...	...	.07	1.14	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	2.77
Harrison	White	...	...	...	...	...	.80	.46	...	...	.75	...	...	...	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.01
Helena	Mississippi	...	...	...	.34	.34	.12	...	...	...	...	...	.04	.01	...	.02	.12	.20	.06	.50	...	...	...	...	...	...	.02	...	...	.14	...	...	1.91
Higden	White	...	58	...	...	...	.24	...	...	.61	.35	T.	...	...	...	.26	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	.15	.31	2.50
Hope	Red	...	.89	1.02	...	33	.30	...	...	...	...	...	...	...	...	...	...	...	T.	.53	...	...	T.	...	T.	...	...	...	...	T.	...	...	3.07
Hot Springs	Ouachita	...	1.52	...	.23	.04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.59	...	.09	...	...	.31	...	...	2.78
Index	Red	...	...	.90	.19	.46	.32	...	...	...	.02	...	...	...	...	...	...	...	...	1.20	...	...	...	...	...	.52	...	...	...	...	...	...	3.62
Jessieville	Ouachita	...	1.40	...	...	...	...	...	...	...	...	...	...	...	.08	.17	...	...	...	...	...	...	...	...	.21	...	.31	...	...	...	.03	...	2.20
Jonesboro	White	...	.16	...	...	...	.07	...	...	...	.11	49	...	...	...	.54	...	.27	...	...	...	...	...	...	...	...	...	...	...	...	.22	...	1.86
Junction	Ouachita	...	...	...	.47	.75	...	...	...	...	...	...	...	...	T.	.92	...	...	...	...	...	T	.36	...	T.	...	.30	...	...	.28	.80	...	3.88
Lambrook	White	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lead Hill	White	...	.80	...	...	.12	.26	46	...	.24	.02	...	...	...	...	T	...	.20	...	...	...	...	...	...	...	...	...	...	...	T.	T.	...	2.10
Little Rock ***	Arkansas	...	.39	...	.01	31	T.	...	T.	.12	...	...	...	...	...	.07	...	...	T.	...	...	...	...	...	...	...	.01	...	T.	.29	...	T.	1.20
Lurton	White	...	1.47	...	...	.11	1.00	.82	.01	.30	...	...	...	...	.01	...	...	...	...	...	...	...	.20	...	.08	.13	...	...	...	...	.30	...	4.43
Lutherville	Arkansas	...	1.09	.03	...	.61	.43	.81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.15	...	T.	...	...	...	...	...	...	.96	4.08
Magnolia	Red	...	...	1.08	.02	...	...	...	.58	...	...	...	...	...	...	.54	...	...	...	...	...	...	.05	...	...	.11	...	...	...	...	...	.83	3.21
Malvern	Ouachita	...	...	.32	...	...	...	...	...	...	1.40	...	...	...	...	...	.02	...	...	...	...	...	...	...	...	...	...	...	...	...	.08	1.05	2.87
Mammoth Spg.	White	...	T.	T.	...	.55	.08	T.	...	.12	T.	...	...	...	.20	.22	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.18	1.35
Marianna	Mississippi	...	...	...	...	.95	...	...	...	...	...	...	...	...	...	.11	.03	...	...	...	...	...	...	...	...	...	...	...	.16	...	...	.31	1.56
Marked Tree	Mississippi	...	...	.18	...	...	...	...	...	...	.45	...	...	...	...	.04	.36	.10	...	...	...	...	...	...	...	...	...	.09	...	.03	.13	.03	1.41
Marshall	White	...	1.00	...	...	.02	.41	.29	...	...	.04	...	...	.09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.14	...	1.99
Mena	Ouachita	...	...	.93	.03	.13	2.37	.90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	T.	T.	...	...	...	...	...	...	...	...	4.36
Morrilton	Arkansas	...	.60	...	...	.55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.15
Mountain Home	White	...	1.07	...	...	...	.88	.29	...	.28	2.15	...	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.04	...	...	4.71
Mount Ida	Ouachita	...	1.85	.08	.03	.25	.03	.12	...	...	...	...	...	...	.04	...	...	...	...	...	...	...	.27	20	...	...	...	...	...	...	...	...	2.87
Newport	White	...	.15	...	...	...	.02	...	...	...	...	.52	...	.07	...	.01	.03	.01	...	...	...	...	...	...	...	...	...	...	...	...	1.67	...	2.48
Norman	Ouachita	...	1.30	...	T.	.15	...	.10	...	T.	...	...	...	...	1.00	31	...	...	...	...	...	...	.10	...	T.	...	...	...	...	.42	.11	...	3.49
Oden	Ouachita	...	1.67	...	...	...	T.	.27	...	...	...	...	...	...	.25	...	...	...	...	...	...	...	...	...	.32	...	...	...	...	...	...	...	2.51
Osceola	Mississippi	...	...	.50	...	.08	...	...	...	...	.55	.08	...	...	...	.37	...	2.00	.05	...	...	...	...	...	...	...	...	...	.20	...	.60	...	4.43
Ozark	Arkansas	...	.31	1.09	...	...	.28	.81	...	...	T.	...	...	...	...	...	...	...	...	.16	...	...	...	.27	...	...	...	...	...	...	...	...	2.92
Paragould	Mississippi	.21	.85	...	...	...	...	...	...	T.	T.	.13	.06	...	...	T	.46	...	...	...	...	...	...	...	...	...	...	...	...	1.09	...	.50	3.30
Patterson	White	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.30	...	...	...	...	...	...	...	...	...	...	...	...	.35	...	0.65
Piggott	Mississippi	.32	.18	1.44	...	...	...	.49	...	.02	.13	...	...	.43	.14	.06	2.75	.20	...	...	...	...	...	...	...	.04	...	...	.08	...	...	.11	6.39
Pine Bluff	Arkansas	...	...	.02	...	26	.42	...	...	...	...	...	...	.04	...	...	...	...	...	...	...	...	...	...	...	...	T	.10	...	...	1.04	...	1.88
Pocahontas	White	1.08	40	...	...	...	.22	.10	...	...	.07	.38	.05	.05	...	.50	.05	.04	...	...	...	...	...	...	...	...	...	...	...	...	...	1.32	4.26
Portland	Ouachita	...	...	.02	.22	.16	1.15	...	...	...	.33	...	...	...	...	...	.32	...	.02	.52	...	...	...	...	...	...	.90	...	...	.22	.95	.31	5.12
Prescott	Ouachita	...	2.09	...	.03	.29	...	...	...	...	...	...	...	.04	...	...	...	.86	...	...	...	...	...	...	.04	...	...	...	...	.11	...	...	3.37
Princeton	Ouachita	...	...	.25	...	...	.47	...	...	...	.17	...	...	...	...	...	.72	...	.45	10	...	...	...	...	.24	...	.15	.34	...	...	.18	...	3.07
Rison	Ouachita	...	.40	T.	.44	...	...	...	...	...	...	...	...	...	T.	T.	...	...	...	...	...	...	...	...	...	...	.60	...	...	T.	.27	...	1.71
Rogers	White	...	1.65	...	...	...	.06	1.25	...	...	T.	...	...	...	...	...	...	...	.06	...	...	...	...	...	...	...	...	...	...	...	...	...	3.02
Saratoga	Red	...	...	.99	.38	.08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.62	...	...	...	...	...	...	...	3.07
St. Francis	Mississippi	...	.51	.74	...	...	T.	...	.46	...	.16	T.	...	T.	...	.12	1.10	.79	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	3.88
Searcy	White	...	...	.06	...	...	.15	...	.03	...	.15	...	...	...	...	...	.22	...	...	...	...	...	...	...	...	...	...	...	...	...	.05	...	0.66
Springbank	Red	...	...	2.90	.22	.55	.70	...	...	...	.04	...	...	...	...	...	T.	...	...	66	...	...	...	...	...	.27	...	...	...	...	T.	...	5.34
Story	Ouachita	...	1.96	08	...	...	...	.30	...	...	...	...	...	...	...	...	...	.40	...	...	...	...	...	.11	...	.09	...	...	...	...	.11	.22	3.27
Stuttgart	Arkansas	...	...	.24	.25	.43	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.57	.07	...	...	.02	...	1.58
Subiaco	Arkansas	...	1.49	.01	...	.23	.32	.72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.01	...	T.	...	T.	...	...	...	...	...	2.78
Texarkana	Red	...	...	65	1.10	.85	.50	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	.20	...	...	...	...	...	...	3.60
Thornburg	Arkansas	...	1.40	...	...	T.	.02	...	...	...	...	...	...	...	...	T.	...	.38	...	...	...	...	...	...	.92	T.	.10	...	...	...	.65	1.40	4.87
Waldron	Arkansas	...	1.04	...	...	.27	.33	...	...	T.	...	...	...	...	...	...	...	...	T.	...	...	...	.02	T.	T.	...	.27	...	...	...	.12	...	2.05
Warren	Ouachita	...	...	.65	.05	.87	2.50	...	...	...	...	...	...	...	...	...	T.	...	.60	...	...	...	...	...	...	...	T.	T.	T.	...	.48	...	5.15
Waters	Ouachita	...	1.67	...	...	...	.12	.54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.86	...	...	...	...	...	...	...	3.19
Whitecliffs	Red	...	...	1.60	.30	.07	.32	...	...	...	...	...	...	...	...	...	...	...	...	1.18	...	...	...	T.	...	T.	...	...	...	...	...	...	8.47
Wilson	Mississippi	...	...	.07	...	.10	...	...	...	...	.10	75	...	...	...	.20	...	3.40	...	...	...	...	...	...	...	...	...	T.	...	T.	...	T.	4.62
Winslow	Washington	...	2.18	...	...	.03	.26	3.93	...	...	...	...	...	...	...	...	...	...	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	6.40
Wynne	Mississipp	...	...	...	...	...	...	...	...	...	T.	.20	...	...	...	.90	T.	T.	...	...	...	...	...	...	...	...	...	...	...	.20	...	.70	2.00
Yancopin	Arkansas	...	.28	.02	.12	1.39	...	...	...	.05	...	.46	...	...	...	.05	...	T.	.04	...	...	...	...	T.	...	.09	.10	.05	...	...	...	...	2.65

Daily River Stages for July, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	28	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.0	9.9	14.2	16.4	15.7	14.5	13.7	12.6	13.4	14.3	14.0	12.4	11.4	12.4	15.3	13.8	13.0	12.8	12.0	11.6	11.3	11.1	10.8	10.4	9.0	7.8	7.3	6.8	6.2	6.2	6.0
Ozark	do	22	8.8	8.0	11.0	13.6	14.0	13.0	12.6	12.8	11.0	11.0	11.9	11.7	9.2	8.6	12.0	12.4	10.5	10.0	9.9	9.1	8.2	7.7	7.5	7.4	6.9	6.4	5.5	4.4	3.3	2.9	2.6
Dardanelle	do	20	11.0	9.9	10.6	13.0	14.5	14.4	13.6	13.6	12.9	12.5	12.8	12.8	11.4	10.5	10.5	13.3	12.3	11.5	11.3	10.8	10.5	9.8	9.6	9.5	9.1	8.5	7.3	6.3	5.8	5.6	5.5
Morrillton	do	20	9.5	8.0	7.6	10.0	12.4	13.0	11.9	11.3	11.7	10.0	10.5	11.0	10.0	8.5	7.8	10.0	11.0	9.5	8.9	8.6	7.9	7.5	7.0	7.0	6.8	6.2	5.0	4.6	4.1	4.0	3.5
Little Rock	do	23	11.5	10.0	8.4	8.8	11.5	13.3	13.3	12.3	12.4	11.8	11.0	11.4	11.4	9.8	9.0	8.5	11.5	11.2	10.0	9.5	9.0	8.2	7.8	7.5	7.4	7.0	6.4	5.1	4.1	4.0	3.2
Pine Bluff	do	25	16.7	15.3	14.1	13.1	14.3	16.4	17.5	17.1	16.2	16.5	15.5	15.4	15.7	14.5	14.2	13.3	14.3	15.7	15.1	14.2	13.9	13.3	12.8	12.4	12.2	12.1	11.8	11.2	10.3	10.0	9.3
Yancopin	do	29	29.6	28.9	27.9	26.9	25.8	26.0	26.7	27.1	26.7	26.2	26.0	25.2	24.9	25.0	24.8	23.9	23.4	24.3	25.2	24.9	24.4	24.2	23.9	23.5	23.1	22.7	22.0	21.1	19.7	18.0	16.3
Danville	Petit Jean	20	2.8	2.5	9.7	14.4	11.3	5.2	6.9	10.8	9.6	7.8	6.0	4.5	4.1	3.7	3.1	2.8	2.6	2.4	2.2	2.0	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	4.7	4.3	3.6	3.7	4.2	5.5	5.4	4.6	4.7	8.4	11.5	6.9	5.7	5.2	4.8	4.4	3.8	3.4	3.4	3.5	3.5	3.1	3.2	2.2	3.3	2.6	2.5	2.3	2.7	2.1	2.7
Calico Rock	do	23	3.6	3.5	3.3	3.4	3.5	3.3	4.6	6.8	6.2	4.7	10.5	7.4	5.3	4.4	3.9	3.5	3.3	2.4	1.9	1.8	2.0	2.0	1.8	1.3	1.7	1.5	1.2	1.2	1.3	1.5	1.5
Batesville	do	26	9.5	9.3	9.0	8.8	9.0	8.8	9.3	10.1	15.6	11.3	14.0	16.3	12.1	10.6	9.8	9.2	8.8	8.4	7.8	7.1	6.9	7.1	7.0	6.7	6.3	6.5	6.4	6.2	6.0	6.1	6.4
Newport	do	20	10.4	9.5	8.9	8.4	8.0	7.8	7.5	8.1	9.7	11.9	10.1	14.9	14.3	11.4	9.7	8.4	7.6	7.4	6.8	6.4	5.9	5.7	5.7	5.5	5.0	4.9	4.8	4.5	4.4	4.2	4.2
Georgetown	do	21	15.0	14.2	13.3	12.7	12.3	11.7	11.1	10.3	10.1	11.1	12.0	12.8	13.4	13.8	14.2	13.0	12.2	10.7	9.9	9.1	8.4	7.6	7.1	6.7	6.6	6.5	6.3	6.2	5.8	5.6	5.5
De Valls Bluff	do	34	19.7	19.5	19.1	18.6	18.0	17.4	16.8	16.2	15.7	15.4	15.9	16.6	17.0	17.6	18.1	18.1	17.8	17.2	16.5	15.5	14.8	14.0	13.2	12.6	12.1	11.7	11.3	11.0	1.07	10.6	10.3
Clarendon	do	12	23.5	23.1	22.8	22.5	22.0	21.5	21.0	20.4	19.7	19.1	18.8	19.0	19.3	19.6	20.0	20.2	20.3	20.2	19.8	19.2	18.5	17.7	16.9	16.2	15.6	15.1	14.7	14.3	13.9	13.6	13.3
Gilbert	Buffalo	14	4.0	5.2	6.0	5.8	5.7	5.5	6.0	10.0	6.8	5.7	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.2	4.0	3.8	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2
Black Rock	Black	30	8.2	7.8	7.6	7.4	7.0	6.7	6.5	6.4	6.2	6.0	5.9	5.9	5.8	5.8	5.8	5.6	5.6	5.8	5.6	5.6	5.6	5.5	5.4	5.4	5.2	5.0	5.0	4.9	4.8	4.7	4.7
Camden	Ouachita	28	5.9	4.7	4.6	4.6	5.1	6.3	6.4	6.5	6.7	6.0	6.0	5.2	5.8	5.7	5.4	5.1	5.0	4.9	4.6	4.3	4.3	4.4	4.2	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.2
Fulton	Red	44	9.1	9.2	9.4	10.7	10.1	10.6	10.2	9.6	9.2	9.5	10.4	11.1	10.7	10.0	9.8	9.4	8.8	8.4	8.2	8.0	7.7	7.6	7.6	7.3	7.3	7.2	7.0	6.9	6.8	8.2	8.8
Helena	Mississippi	48	27.4	27.7	27.6	27.1	26.5	26.0	25.5	25.2	25.3	25.3	25.2	25.1	25.3	26.1	27.1	27.7	27.9	28.4	28.4	28.5	28.8	29.0	29.1	28.9	28.3	27.1	25.5	23.5	21.4	19.4	17.7
Arkansas City	do	48	37.0	36.6	36.3	35.8	35.1	34.3	33.8	33.4	33.0	32.8	32.5	32.3	31.9	31.6	31.3	31.9	32.4	32.7	33.2	33.6	33.6	33.4	33.6	33.7	33.8	33.6	33.2	32.4	29.5	27.8	25.3

Daily Temperatures for July, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	92	94	82	85	86	89	87	90	93	99	97	96	99	106	102	102	102	103	94	98	95	99	98	98	98	97	94	96	100	105	99	95.8
	Minimum	71	74	67	68	70	69	71	72	71	69	71	70	70	70	71	72	74	75	73	68	68	69	67	69	65	68	69	69	72	73	73	70.1
Bentonville	Maximum	91	83	85	86	88	81	83	87	87	89	87	89	92	92	92	94	91	86	85	82	87	90	90	90	89	89	89	93	94	96	94	88.7
	Minimum	68	66	62	66	69	66	66	71	70	68	69	66	69	70	71	72	73	73	66	63	60	67	67	66	64	66	69	71	71	72	73	68.1
Bee Branch	Maximum	98	96	91	90	92	87	88	94	94	91	94	93	95	98	96	98	97	95	91	86	93	93	91	90	89	93	95	97	100	96	100	93.6
	Minimum	69	68	64	64	67	66	71	65	69	66	65	67	69	69	69	70	73	72	69	64	58	67	63	62	63	65	68	68	72	72	69	67.3
Blytheville	Maximum	96	94	88	91	92	90	92	96	94	88	91	93	93	94	92	84	89	90	89	84	90	91	90	90	93	90	93	95	97	92	89	91.3
	Minimum	67	67	69	71	72	72	76	74	72	70	71	74	72	71	73	73	72	74	70	63	67	69	68	66	70	72	71	73	74	74	77	71.1
Booneville	Maximum	95	90	85	87	86	87	86	91	94	92	89	93	93	96	96	98	100	91	92	89	92	94	94	93	94	91	91	99	101	102	104	93.1
	Minimum	69	68	65	67	70	71	69	68	70	71	71	69	70	70	72	72	73	75	73	65	63	71	67	66	63	66	67	69	70	75	72	69.3
Brinkley	Maximum	98	97	92	90	88	89	93	95	98	93	[illegible]	96	96	99	96	94	96	93	91	85	90	93	96	91	92	92	96	96	98	95	97	93.8
	Minimum	69	72	66	68	70	68	73	90	69	70	[illegible]	69	69	71	70	72	73	74	72	63	63	68	61	63	67	69	70	72	72	72	72	69.3
Calico Rock§§	Maximum	100	86	89	92	84	88	86	95	95	[illegible]	91	97	97	96	95	99	95	94	89	85	92	95	97	95	92	95	91	95	98	98	97	93.2
	Minimum	66	70	67	65	72	69	69	66	69	69	67	69	70	71	69	71	75	71	68	57	56	60	65	62	61	60	61	60	63	69	75	66.5
Camden§§	Maximum	99	90	91	92	94	93	95	98	100	94	95	98	98	100	96	97	99	95	96	92	96	93	95	93	88	92	93	95	97	98	95	95.1
	Minimum	67	73	69	70	69	69	72	70	70	69	70	69	69	69	70	69	75	75	71	69	61	65	63	66	65	70	70	73	72	73	72	69.5
Center Point	Maximum	98	96	85	87	87	89	90	94	97	93	90	94	96	98	98	99	101	94	95	91	94	95	92	91	90	92	95	96	100	100	102	94.2
	Minimum	71	68	67	69	70	70	73	72	73	70	72	72	72	73	73	73	74	76	74	70	65	73	69	69	66	71	70	72	72	74	74	71.2
Conway	Maximum	99	99	90	91	94	89	92	99	96	95	95	97	97	99	98	98	100	95	95	89	97	97	98	95	96	94	97	99	101	99	101	96.2
	Minimum	71	70	66	69	69	70	74	70	72	71	71	67	72	72	73	73	77	73	74	68	61	70	66	67	66	70	71	72	75	75	74	70.6
Corning	Maximum	96	86	87	91	91	88	87	94	93	90	93	94	96	98	96	88	92	94	88	86	91	95	95	93	94	94	99	100	101	99	85	92.7
	Minimum	72	69	62	67	71	69	73	70	72	68	67	70	68	71	69	71	73	71	64	57	59	64	63	63	63	71	70	72	75	71	73	68.3
Dardanelle	Maximum	99	98	91	90	90	89	91	95	97	96	93	97	97	99	99	100	102	100	98	96	97	97	98	95	94	95	97	100	101	100	100	96.5
	Minimum	70	73	66	60	63	70	75	70	72	71	72	71	70	71	73	74	76	74	74	68	60	74	67	70	65	68	70	72	73	74	71	70.2
Dumas	Maximum	96	94	85	90	93	90	92	95	95	90	95	95	97	97	98	98	99	95	94	89	92	95	98	94	85	84	88	94	98	96	98	93.5
	Minimum	69	72	69	70	69	69	68	71	70	70	71	69	69	70	73	72	76	71	69	68	64	70	62	64	68	72	70	70	73	73	73	69.8
Dutton	Maximum	89	78	82	83	83	77	80	86	88	88	84	88	91	91	90	93	94	87	86	85	86	89	89	88	88	90	89	91	94	92	97	87.6
	Minimum	63	63	55	61	64	65	62	65	60	62	64	62	61	60	63	62	63	67	61	55	51	61	58	56	55	60	61	64	61	67	63	61.1
El Dorado	Maximum	97	92	89	90	90	92	93	96	97	95	96	98	97	98	95	97	98	95	98	93	95	92	95	94	87	92	95	95	97	94	93	94.4
	Minimum	73	76	71	72	71	70	74	74	75	73	72	72	74	73	73	73	76	76	73	72	66	72	67	69	67	71	73	75	75	73	73	72.4
Eureka Springs	Maximum	92	85	85	85	85	81	83	87	89	86	86	90	91	92	92	93	91	89	90	86	90	93	91	92	92	92	91	94	97	94	102	89.9
	Minimum	74	65	63	67	69	68	64	71	70	66	67	67	70	70	71	75	74	72	64	61	57	70	69	68	63	69	71	74	74	71	75	68.7
Fort Smith	Maximum	95	78	86	90	88	88	87	93	92	91	90	93	94	96	96	96	97	87	90	85	89	92	92	92	91	93	93	97	98	100	101	91.9
	Minimum	74	69	67	72	70	73	70	72	73	73	74	72	74	74	75	77	77	74	75	69	66	73	72	70	63	71	73	77	74	79	75	72.7
Grannis	Maximum	94	81	78	85	83	86	87	90	93	90	89	93	92	97	96	97	103	89	96	94	88	92	93	92	91	92	94	97	99	103	101	92.1
	Minimum	62	67	65	66	65	69	67	65	64	64	65	61	64	65	66	65	66	70	68	68	56	66	62	60	57	61	61	66	64	68	68	64.6
Gravette	Maximum	[illegible]	84	85	86	85	82	82	86	87	89	86	90	92	94	94	95	93	89	82	84	88	93	92	92	90	91	91	95	97	98	99	89.7
	Minimum	71	66	63	67	68	69	64	70	69	67	69	65	67	69	69	72	71	72	65	63	59	64	66	67	63	65	67	72	69	69	73	67.4
Helena	Maximum	97	86	95	87	88	90	94	98	96	93	94	97	97	98	96	94	94	94	92	85	90	93	94	90	92	90	96	94	100	94	96	93.4
	Minimum	70	71	68	69	68	69	71	73	72	71	71	69	70	73	70	73	74	72	69	68	68	68	64	66	69	70	71	72	73	72	70	70.1
Hope	Maximum	100	89	93	89	94	92	95	[illegible]	101	98	98	99	101	101	100	101	102	99	97	95	100	100	100	101	99	99	99	98	102	104	102	98.3
	Minimum	71	67	68	69	68	70	74	72	70	68	69	68	69	70	71	71	71	69	70	71	61	70	71	69	65	67	70	70	73	74	73	69.6
Hot Springs	Maximum	98	90	88	87	89	89	94	95	96	94	92	95	96	97	97	100	101	99	94	95	96	93	97	90	93	93	95	98	99	95	99	94.6
	Minimum	70	67	65	66	69	68	73	70	70	67	70	68	69	69	70	72	75	73	70	71	71	70	65	66	61	68	67	68	70	73	72	69.2
Jonesboro	Maximum	97	88	91	90	90	91	90	92	96	91	93	96	96	98	95	98	90	94	92	91	92	94	93	94	93	90	96	98	99	95	93	93.4
	Minimum	72	72	68	71	70	70	70	74	74	70	69	71	71	73	71	73	73	74	72	64	64	66	65	65	67	68	70	75	77	73	70	70.4
Lead Hill	Maximum	97	86	89	91	91	84	89	83	92	92	91	94	95	97	97	98	96	94	90	88	92	96	95	95	92	96	97	98	98	98	99	93.2
	Minimum	66	68	64	63	68	68	66	65	69	67	66	67	67	68	68	69	74	71	63	54	52	66	64	60	61	66	66	67	71	71	62	65.7
Little Rock	Maximum	96	82	88	88	89	89	91	94	93	90	92	94	94	96	93	97	99	94	92	86	92	92	92	89	89	85	93	95	97	94	97	92.0
	Minimum	75	69	69	71	70	69	74	74	74	72	73	73	76	76	75	73	79	76	75	69	68	73	71	69	69	71	71	74	75	74	75	72.6
Lutherville	Maximum	93	83	78	89	87	81	81	91	92	91	89	94	95	96	95	94	100	90	89	88	94	96	94	90	95	95	94	96	100	98	102	92.3
	Minimum	72	70	63	67	68	65	67	75	77	69	71	69	71	71	83	72	75	73	72	65	62	73	67	67	64	67	69	72	73	74	[illegible]	70.1
Magnolia	Maximum	99	96	88	88	..	..	..	97	95	96	98	97	96	97	100	95	96	96	96	93	98	96	98	91	93	92	95	97	96	98	97	95.5
	Minimum	74	74	69	69	..	..	..	68	71	70	70	70	70	70	70	70	74	74	71	70	65	71	68	68	65	70	70	73	73	62	71	70.0
Malvern	Maximum	97	96	98	88	90	91	94	97	97	95	94	97	96	99	97	101	104	98	98	92	96	96	96	94	93	93	98	99	102	98	98	96.1
	Minimum	68	70	67	68	69	69	73	70	70	69	71	69	69	71	71	70	74	74	71	67	61	70	64	67	64	68	69	71	71	70	72	69.3
Mammoth Spg	Maximum	..	90	97	86	93	83	85	94	90	90	90	92	94	96	94	93	91	91	86	90	91	90	92	91	92	91	91	98	94	95	90	91.5
	Minimum	..	61	64	69	68	68	67	68	69	68	71	71	69	70	69	73	74	71	67	61	56	58	61	62	63	69	69	70	78	72	71	67.7
Marianna	Maximum	96	92	89	86	86	88	92	93	94	89	90	93	95	96	97	93	92	92	90	86	89	90	90	88	59	88	95	95	95	91	93	91.4
	Minimum	80	75	70	71	70	70	74	73	72	73	72	72	72	74	74	74	73	76	72	68	69	68	68	68	69	71	73	74	73	73	70	72.0
Marshall	Maximum	97	93	86	89	89	81	83	90	96	88	91	89	94	95	96	97	93	92	91	86	94	94	94	92	92	93	97	98	95	94	99	92.3
	Minimum	68	67	64	64	68	67	69	70	68	66	67	68	67	67	68	69	71	70	67	55	52	68	65	66	60	65	66	67	65	71	71	66.4
Mena	Maximum	95	91	81	87	84	85	87	91	91	89	90	93	93	95	96	98	99	92	90	88	92	92	92	88	92	87	93	97	99	98	99	91.7
	Minimum	70	68	65	67	69	70	67	70	68	67	69	69	68	69	70	72	73	75	71	68	63	71	65	65	62	66	78	70	69	73	72	68.7
Mount Ida	Maximum	96	81	84	87	86	88	89	92	96	91	90	94	95	98	98	99	102	94	95	91	93	93	93	91	89	91	93	96	101	101	102	93.2
	Minimum	64	67	65	64	69	69	70	67	65	67	65	67	65	67	67	68	69	73	68	60	53	69	63	61	61	62	63	66	67	70	70	65.5
Newport	Maximum	97	89	80	93	94	89	88	97	93	92	92	97	98	100	99	95	93	97	92	88	91	94	95	94	95	94	100	100	103	97	97	94.2
	Minimum	72	71	67	68	70	68	74	72	72	72	68	69	72	73	72	72	73	73	71	64	62	68	62	64	65	69	62	73	76	70	70	69.5
Pine Bluff	Maximum	102	95	94	91	90	92	96	99	101	96	97	100	101	104	101	104	105	102	101	96	96	100	99	96	95	90	99	103	103	99	99	98.3
	Minimum	73	76	69	70	70	70	74	73	74	73	74	74	73	74	74	73	78	76	74	69	67	71	66	67	67	71	72	74	75	74	74	72.2
Pocahontas	Maximum	97	92	88	91	90	89	87	95	90	90	92	94	95	97	96	86	92	93	92	84	91	90	94	92	92	92	95	99	99	97	90	92.2
	Minimum	70	70	65	68	70	70	75	70	72	70	69	70	71	71	70	72	74	74	70	62	62	65	62	65	65	71	70	71	76	73	72	69.5
Portland	Maximum	98	94	87	81	83	90	89	90	90	88	88	89	89	92	94	95	99	95	93	88	90	90	93	90	87	88	93	91	94	94	94	90.8
	Minimum	68	72	71	70	70	69	69	72	72	70	70	70	70	73	71	72	75	72	72	70	67	71	65	65	66	70	70	70	73	72	72	70.3
Prescott	Maximum	98	92	91	92	96	91	93	95	98	97	94	97	98	100	98	99	100	98	94	95	96	97	97	96	97	95	96	98	99	100	101	96.2
	Minimum	73	76	66	68	72	70	72	73	77	63	74	70	77	81	78	72	76	76	70	68	66	69	71	69	62	66	68	70	72	70	73	71.5
Rison	Maximum	101	100	92	93	93	98	96	97	99	98	97	98	100	103	99	101	103	99	99	94	98	98	97	96	94	89	98	99	101	99	100	97.5
	Minimum	71	75	68	70	69	68	73	72	74	72	71	69	71	72	72	70	76	73	71	68	65	71	65	66	66	69	71	72	73	72	73	70.6
Searcy	Maximum	95	87	90	91	89	89	90	94	93	90	92	94	95	97	94	98	93	95	92	85	91	93	93	94	92	89	94	97	98	95	97	92.8
	Minimum	69	72	66	67	69	68	73	68	71	69	68	68	70	71	71	72	76	72	71	67	60	66	60	62	64	67	68	70	72	72	74	68.8
Stuttgart	Maximum	97	89	93	89	88	91	94	97	97	94	92	96	97	97	96	97	100	94	93	87	95	95	97	94	93	94	94	97	98	96	98	94.5
	Minimum	71	75	68	71	69	69	73	73	72	72	73	70	70	73	75	73	76	75	72	66	64	70	63	64	67	73	70	73	74	73	74	71.0
Texarkana	Maximum	101	92	84	85	86	91	93	91	101	96	99	103	102	99	99	100	100	96	97	96	97	94	90	90	91	91	95	97	99	99	99	95.3
	Minimum	73	72	56	66	65	68	72	72	73	71	71	74	74	71	71	72	71	72	71	69	66	69	70	67	67	69	70	70	71	73	72	69.9
Thornburg	Maximum	95	79	85	85	85	86	88	90	92	85	89	93	93	95	93	96	99	92	90	87	93	92	93	91	88	88	92	96	98	95	97	91.1
	Minimum	63	66	61	60	66	67	67	54	65	64	67	61	63	62	62	66	68	66	66	57	51	70	61	62	58	63	64	69	69	68	70	64.0
Warren	Maximum	100	99	86	87	91	91	94	94	96	92	93	95	95	96	95	97	99	95	95	95	92	92	94	98	95	89	94	96	96	95	95	94.2
	Minimum	71	77	71	71	69	70	74	74	75	75	73	72	73	75	74	73	78	77	72	70	66	72	66	69	69	71	73	74	76	74	76	72.7
Wilson	Maximum	100	95	90	89	92	91	93	96	94	90	92	94	95	96	94	89	90	91	85	83	89	91	91	90	92	89	94	94	97	93	95	92.1
	Minimum	72	68	67	69	69	69	74	70	70	70	68	69	69	71	71	71	70	73	70	64	65	66	65	64	69	71	69	73	74	73	76	69.6
Wynne	Maximum	98	95	93	96	95	94	95	94	98	95	95	97	98	99	97	94	93	94	94	93	95	96	98	94	95	92	98	97	102	96	99	95.2
	Minimum	69	72	70	68	68	69	68	78	70	71	69	70	70	73	71	72	72	73	69	64	64	66	62	63	69	69	69	71	72	73	78	69.7

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., AUGUST, 1929 No. 8

GENERAL SUMMARY

The weather in Arkansas during August was marked by temperatures somewhat above normal and precipitation considerably below, this being, with one exception, the driest August since State-wide records have been kept. Daily mean temperatures were generally above normal during the first decade, near or somewhat below during the second, and mostly above during the last. The monthly mean, as determined from the records of 60 stations, was 80.8° which is 1.1° above normal, 14 stations showing negative departures, positive at all others. Monthly means ranged from 85.4° at Center Point to 75.4° at Dutton, a difference of 10° between northwestern and southwestern sections of the State. The highest temperature recorded was 110° at Booneville on the 6th. The lowest was 41° at Dutton on the 15th. The highest occurred in most localities from the 3rd to the 6th and the lowest about the 15th or 16th.

The average precipitation for the State, as determined from the records of 88 stations, was 1.29 inches which is 2.40 inches below normal, all stations showing negative departures except Brinkley. Three stations reported no rain and two others only a trace. The greatest monthly amount was 4.73 inches at St. Francis. This was the driest August on record in Arkansas except in 1909 when the average for the State was only 1.27 inches. Showers were numerous in northeastern sections of the State from the 7th to the 12th, but during the remainder of the month only light scattered showers occurred. The greatest rainfall for any 24 hour period was 3.35 inches at Oden on the 8th. The average number of rainy days was 3.

The weather of the month was favorable for the cultivation of all crops, but too dry for the growth of both cotton and corn except in a few northeastern counties. By the close of the month picking and ginning had begun in southern and central sections, much of the first opening being due to the hot, dry weather. Except in the Northeast the corn crop was badly damaged and the weather was mostly unfavorable for meadows, pastures, and truck crops.

W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 14; 3d, 3; 5th, 1; 6th, 9; 7th, 23; 8th, 29; 9th, 28; 10th, 12; 11th, 20; 12th, 22; 13th, 4; 19th, 6; 21st, 1; 22d, 3; 23d, 9: 24th, 16: 25th, 13: 26th, 3: 27th, 3; 29th, 1.

LUNAR HALOS:-----13th, 1.

SOLAR HALOS:-----13th, 1; 26th, 2.

DENSE FOG:------5th, 1; 10th, 1; 13th, 2.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	p. m.	
Bentonville	29.98	30.15	15	29.73	6	2,445	16	nw.	24	......	......	95
Fort Smith	29.96	30.15	30	29.73	6	4,027	24	e.	7	70	45	89
Little Rock	30.00	30.19	31	29.79	13	4,591	29	nw.	25	75	46	84
Memphis	30.01	30.18	30	29.79	13	3,687	20	w.	3	78	60	82

COMPARATIVE DATA FOR AUGUST

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**79.7**		**115**		**39**		**3.69**		**15**	**10**	**6**	**7**
1891	76.4	-3.3	108	17	39	24	2.75	-0.94	21	8	2	5
1892	78.3	-1.4	106	6	47	31	4.39	+0.70	13	11	7	9
1893	77.3	-2.4	102	8	48	30	3.08	-0.61	18	9	4	5
1894	78.1	-1.6	104	14	48	5	4.63	+0.94	12	11	8	8
1895	79.4	-0.3	102	19	55	1	2.64	-1.05	18	9	4	4
1896	82.6	+2.9	112	6	48	29	2.32	-1.37	17	9	5	5
1897	79.6	-0.1	111	4	45	17	2.59	-1.10	17	10	4	5
1898	79.4	-0.3	108	21	54	12	4.35	+0.66	13	13	5	7
1899	82.2	+2.5	112	12	54	12	2.04	-1.65	19	9	3	4
1900	81.1	+1.4	108	21	57	2	2.95	-0.74	16	12	3	5
1901	80.5	+0.8	109	3	52	7	2.95	-0.74	14	13	4	6
1902	80.7	+1.0	108	4	51	7	2.55	-1.14	19	9	3	4
1903	78.7	-1.0	105	4	47	31	4.34	+0.65	15	12	4	8
1904	78.1	-1.6	105	25	46	27	2.81	-0.88	16	12	3	6
1905	79.1	-0.6	103	25	51	28	3.73	+0.04	18	10	8	6
1906	77.9	-1.8	100	19	42	28	4.92	+1.23	14	10	7	10
1907	82.0	+2.3	113	10	54	4	2.92	-0.77	16	10	5	6
1908	79.3	-0.4	103	6	52	26	4.48	+0.79	15	10	6	8
1909	82.4	+2.7	111	17	47	30	1.27	-2.42	20	8	3	4
1910	79.2	-0.5	104	3	43	27	3.92	+0.23	13	12	6	8
1911	78.0	-1.7	107	9	45	30	8.19	+4.50	11	11	9	12
1912	78.7	-1.0	105	27	45	4	3.30	-0.39	15	10	6	7
1913	82.1	+2.4	107	7	46	23	1.62	-2.07	20	10	1	3
1914	78.5	-1.2	104	3	57	6	6.81	+3.12	8	11	12	12
1915	74.7	-5.0	102	8	40	31	10.44	+6.75	9	9	13	11
1916	81.8	+2.1	107	13	46	24	2.63	-1.06	17	9	5	5
1917	77.1	-2.6	104	16	43	25	4.10	+0.41	16	7	8	8
1918	82.9	+3.2	115	4	52	14	3.90	+0.21	15	9	7	7
1919	80.6	+0.9	113	5	55	19	4.29	+0.60	16	8	7	7
1920	76.8	-2.9	102	6	46	4	4.08	+0.39	13	9	9	8
1921	81.5	+1.8	106	5	53	8	5.46	+1.77	15	9	7	8
1922	80.4	+0.7	111	23	51	27	1.90	-1.79	18	8	5	5
1923	81.9	+2.2	109	4	49	24	2.43	-1.26	18	8	5	4
1924	82.2	+2.5	108	3	43	15	2.40	-1.29	20	8	3	5
1925	80.3	+0.6	108	19	47	1	1.81	-1.88	22	7	2	4
1926	80.7	+1.0	110	6	47	25	5.50	+1.81	14	10	7	10
1927	76.6	-3.1	105	1	43	21	6.01	+2.32	12	10	9	10
1928	81.3	+1.6	105	28	51	31	4.62	+0.93	17	8	6	7
1929	80.8	+1.1	110	6	41	15	1.29	-2.40	22	7	2	3

Climatological Data for August, 1929

Stations	Counties	Elevation, feet	Length of record, years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	709	34	82.8	+2.8	105	3	54	15†	47	1.84	−2.52	1.47	0.0	3	16	15	0	e	J. N. Campbell
Arkadelphia	Clark	259	33	...	...	...	...	...	...	...	0.32	−4.20	0.32	0.0	1	29	1	1	ne.	W. K. Brown
Arkansas City	Desha	145	45	...	...	...	...	...	...	...	1.83	−2.12	1.25	0.0	3	19	9	8	...	Grady F. Jones
Arlberg	Stone	700	7	...	...	...	...	...	...	...	1.20	...	0.47	0.0	3	22	9	0	ne.	J. D. Reeves
Batesville	Independence	277	30	78.0	−1.5	103	4	49	17	44	0.60	−3.59	0.31	0.0	5	23	5	3	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	80.5	+1.1	103	3	50	15	41	T.	−3.87	T.	0.0	0	14	16	1	s.	J. E. Scanlan
Bentonville	Benton	1303	24	79.2	+2.7	101	6	49	15	36	0.25	−3.84	0.15	0.0	2	30	1	0	s.	U. S. Weather Burea
Black Rock	Lawrence	259	27	...	...	...	...	...	...	...	2.69	−1.70	1.67	0.0	4	23	2	6	n.	Vernon C. Howe
Blytheville	Mississippi	252	4	79.8^{e}	...	98^{e}	2†	56^{e}	15	29^{e}	4.72	...	1.74	0.0	9	11^{e}	5^{e}	10^{e}	sw	E. B. Smith
Booneville	Logan	465	15	84.6	+2.5	110	6	51	15	40	0.34	−2.65	0.23	0.0	5	18	12	1	ne.	F. H. Randolph
Brinkley	Monroe	205	42	79.4	−0.8	102	6	53	16†	39	3.99	+0.38	2.21	0.0	7	23	7	1	ne.	R J. Torry
Calico Rock	Izard	361	25	79.0	+0.1	103	3	50	16	46	0.83	−4.28	0.52	0.0	4	17	14	0	sw.	W. J. Copp
Camden	Ouachita	158	44	81.9	+1.7	102	7	53	16	42	0.36	−2.90	0.36	0.0	1	20	9	2	se.	A. B. Quarterman
Center Point	Howard	470	39	85.4	+4.0	105	6	61	16	35	0.35	−2.97	0.36	0.0	2	25	6	0	sw.	John C. Floyd
Clarendon	Monroe	200	25	...	...	...	...	...	...	...	0.76	−3.45	0.60	0.0	4	21	7	3	ne	J. W. Bishop
Clinton	Van Buren	516	8	...	...	...	...	...	...	...	0.54	...	0.26	0.0	3	18	11	2	sw.	A. L. Stephens
Conway	Faulkner	309	46	82.8	+1.4	107	6	55	15†	38	1.37	−2.14	0.59	0.0	4	27	4	0	s.	E. E Cordrey
Corning	Clay	293	36	77.5	−0.6	101	1†	51	15†	41	3.46	−0.18	1.65	0.0	7	24	7	0	ne.	Winfred D. Polk
Corning (river)	Clay	280	5	...	...	...	...	...	...	...	3.05	...	0.85	0.0	5	21	5	5	...	Henry Stafford
Cotter	Marion	405	2	...	...	...	...	...	...	...	2.33	...	1.23	0.0	3	19	10	2	s.	J. O. Linck
Crossett	Ashley	175	14	81.5	+0.3	102	12	54	16	38	0.25	−4.00	0.15	0.0	2	17	12	2	sw.	G. A. Gifford
Danville	Yell	327	13	...	...	...	...	...	...	...	0.00	−3.53	0.00	0.0	0	21	2	5	n.	C. G. Hudson
Dardanelle	Yell	350	43	83.6	+3.6	107	6	55	15	40	0.29	−3.44	0.13	0.0	3	18	8	5	s.	Mrs. Elva O. Goodie
De Valls Bluff	Prairie	153	2	...	...	...	...	...	...	...	1.45	...	0.47	0.0	5	26	4	1	...	H. G. Pate
Dumas	Desha	162	23	80.9	+0.3	101	25	54	16	40	1.69	−2.38	0.67	0.0	3	16	14	1	s.	Ben Johnson
Dutton	Madison	1599	26	75.4	+0.7	99	6	41	15	41	0.95	−3.47	0.64	0.0	4	25	6	0	sw.	J. M Ricketts
El Dorado	Union	270	25	83.0	+1.9	101	12	57	16	34	1.45	−1.87	0.52	0.0	5	16	13	2	sw.	J. J. Babb
England	Lonoke	229	22	82.5	+2.2	102^{e}	6	51^{e}	18	44^{e}	0.19	−4.50	0.10	0.0	1	22^{e}	1^{e}	3^{e}	se.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	81.5	+3.5	104	6	52	15	35	1.42	−3.70	0.56	0.0	4	15	16	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	80.7	+3.1	105	6	47	15	42	0.35	−3.86	0.31	0.0	2	19	12	0	s.	University of Arkansa
Fort Smith††	Sebastian	457	45	83.8	+3.3	105	6	58	15	32	0.10	−3.16	0.05	0.0	2	19	9	3	e.	U. S. Weather Burea
Freeman Springs	Pope	2240	5	...	...	...	...	...	...	...	0.07	...	0.05	0.0	2	27	4	0	sw	J. R. Mc Cuiston
Fulton	Hempstead	260	43	...	...	...	...	...	...	...	0.91	−1.98	0.80	0.0	3	25	1	5	...	T. J. Logan
Georgetown	White	200	17	...	...	...	...	...	...	...	1.55	−2.36	1.47	0.0	4	23	0	8	...	W. R Owens
Gilbert	Searcy	675	6	...	...	...	...	...	...	...	0.95	...	0.68	0.0	3	16	15	0	...	Ben F. Battenfield
Grannis	Polk	900	10	81.8^{k}	...	101^{k}	6†	46^{j}	15	43^{k}	0.55	...	0.55	0.0	1	29	2	0	se.	W. E. McVay
Gravette	Benton	1250	32	80.0	+2.8	100	6	45	15	42	0.16	−3.82	0.11	0.0	2	17	11	3	sw.	A. F. Stevens
Harrison††	Boone	1052	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	G. L Wright
Helena	Phillips	250	57	80.0	−0.6	105	3	54	15†	35	0.61	−3.20	0.26	0.0	5	15	12	4	ne.	James A. Burnett
Higden	Cleburne	445	11	...	...	...	...	...	...	...	0.21	...	0.19	0.0	3	25	6	0	w.	Geo. W. Baker
Hope	Hempstead	377	58	81.6	+3.2	107	22	54	15†	46	0.23	−3.27	0.23	0.0	1	27	4	0	s.	N. P. O'Neal
Hot Springs	Garland	600	38	82.8	+2.4	106	6	55	16	35	1.48	−2.42	1.05	0.0	3	26	5	0	...	G. C. Bolton
Index‡‡	Little River	275	4	...	...	...	...	...	...	...	1.26	...	1.18	0.0	2	23	4	4	...	H. G. Sanderson
Jessieville††	Garland	750	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	U. S. Forest Service
Jonesboro	Craighead	345	34	79.6	−0.3	101	3	56	16	37	1.75	−1.76	1.55	0.0	6	30	1	0	sw.	Benedictine Sisters
Junction‡‡	Union	182	35	82.0	+1.8	105	12	57	16	32	1.02	−2.54	0.68	0.0	3	28	1	2	sw.	J. A. Lowderback
Lambrook	Phillips	155	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mrs. D. C. White
Lead Hill	Boone	950	2	79.2	...	106	6	47	15	45	1.46	...	0.92	0.0	3	26	3	2	w.	J. H. Crosswhite
Little Rock	Pulaski	357	50	81.6	+1.8	102	3	61	16	27	1.95	−1.80	1.05	0.0	6	19	9	3	e.	U. S. Weather Bureau
Lurton	Newton	2100	4	78.0	...	95	6†	55	15	28	1.19	...	0.60	0.0	6	25	6	0	s.	I. C Sutton
Lutherville‡‡	Johnson	775	31	83.2	+4.1	104	21	55	15	[illegible]	0.09	−4.08	0.09	0.0	1	22	7	2	se.	H. G. Lenhardt
Magnolia	Columbus	315	10	83.3	...	105	22	50	16	38	0.61	...	0.61	0.0	1	14	17	0	sw.	State Agri. School
Malvern	Hot Springs	277	42	82.0	+2.9	101	11	52	15†	44	0.21	−3.41	0.12	0.0	2	30	1	0	se.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	21	76.8	−0.4	101	2	52	14†	40	2.81	−1.63	1.19	0.0	4	27	1	3	ne	L. G Humphrey
Marianna	Lee	235	17	79.2	−0.2	98	3†	57	31	31	0.91	−1.70	0.79	0.0	4	26	3	2	s.	C. N. Houck
Marked Tree	Poinsett	229	24	77.6	1.6	99	3†	53	16	33	1.77	−2.20	1.10	0.0	7	19	6	6	s.	Charles Walton
Marshall	Searcy	1070	15	79.8	+1.1	102	1†	49	15	40	1.60	−3.00	1.10	0.0	4	21	8	2	nw.	A. J. Parks
Mena	Polk	1185	41	83.2	+3.8	108	6	52	15	39	0.27	−1.63	0.22	0.0	3	23	8	0	nw.	E. W. St. John
Morrilton	Conway	347	8	82.7	...	107	3	56	15	36	0.15	...	0.15	0.0	1	22	7	2	se.	John Cook
Mountain Home	Baxter	808	15	77.5	−0.3	100	1†	50	15	40	1.78	−2.12	0.53	0.0	6	19	9	3	s.	B. S. Halbert
Mount Ida	Montgomery	650	30	80.6	+1.3	107	2†	45	16	47	0.18	−3.55	0.18	0.0	1	27	4	0	e.	G. A. Whittington
Newport	Jackson	231	45	80.2	+0.4	103	3	55	16	40	1.55	−1.93	0.93	0.0	3	25	6	0	s.	A. C. Wilkerson
Norman	Montgomery	750	2	...	...	...	...	...	...	...	0.49	...	0.10	0.0	1	21	10	0	...	U. S. Forest Service
Oden	Montgomery	860	3	...	...	...	...	...	...	...	3.35	...	3.35	0.0	1	29	1	1	...	U. S. Forest Service
Osceola	Mississippi	240	31	75.8	−0.2	100	8	56	4	35	1.09	−1.23	0.65	0.0	5	20	7	4	s.	June Thomason
Ozark	Franklin	396	33	82.4	+0.9	101	1†	51	15	[illegible]	0.55	−3.71	0.30	0.0	4	24	5	2	ne.	Orkney O. Milton
Paragould	Greene	264	3	...	...	...	...	...	...	...	3.85	...	1.31	0.0	6	22	7	2	se.	W. R. Heagler
Patterson	Woodruff	196	13	...	...	...	...	...	...	...	0.65	−2.08	0.40	0.0	3	27	2	2	ne.	W. E. Baker
Piggott	Clay	307	5	...	...	...	...	...	...	...	3.56	...	1.21	0.0	7	21	7	3	ne.	V. C. Wright
Pine Bluff	Jefferson	215	42	82.2	+0.8	101	1†	58	16†	35	0.99	−2.35	0.78	0.0	3	27	3	1	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	76.4	−2.6	99	3	54	16†	55	3.87	−0.69	1.20	0.0	5	18	11	2	n	Benedictine Sisters
Portland	Ashley	122	23	81.0	−1.1	99	11	56	16	[illegible]	2.33	−1.64	1.25	0.0	3	19	10	2	s.	W. E. Edmiston
Prescott	Nevada	319	41	83.8	+2.6	107	3	57	16	37	0.08	−3.30	0.08	0.0	1	24	4	3	sw.	C. D. Calhoun
Princeton††	Dallas	287	23	...	...	...	...	...	...	...	1.60	−1.74	1.60	0.0	1	28	2	1	...	Mrs. F. P. Coleman
Rison	Cleveland	243	28	83.6	+2.6	104	11	55	15	39	1.57	−1.50	1.57	0.0	1	20	9	2	e.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	81.0	+3.0	106	6	47	15	47	0.86	−2.70	0.40	0.0	4	21	9	1	s.	Carl A. Starck
Saratoga	Howard	258	1	82.6	...	102	26	54	15	36	0.00	...	0.00	0.0	0	21	9	1	s.	C. C. Van Zandt
St. Francis	Clay	230	2	...	...	...	...	...	...	...	4.73	...	1.78	0.0	7	21	0	10	...	S. T. Rooney
Searcy	White	286	20	79.8	−0.1	104	3	50	16	42	0.31	−3.32	0.18	0.0	3	28	1	2	ne.	Arthur D. Smith
Springbank‡‡	Miller	[illegible]	22	...	...	...	...	...	...	...	3.09	−1.10	1.60	0.0	3	28	0	3	...	Miss Grace Field
Story	Montgomery	700	5	...	...	...	...	...	...	...	2.52	...	1.92	0.0	3	24	7	0	ne.	S. C. Story
Stuttgart	Arkansas	228	42	81.5	+1.2	104	3	54	16	40	0.50	−3.08	0.37	0.0	4	21	9	1	s.	Adam F. Buerkle
Subiaco	Logan	[illegible]	32	83.6^{e}	+2.8	107^{j}	6	59	16	38^{j}	0.14	−3.71	0.12	0.0	2	16	7	8	s.	New Subiaco Abbey
Texarkana	Miller	332	43	82.0	+1.1	103	1†	57	18	37	0.39	−2.90	0.15	0.0	2	26	4	1	s.	H. S. Brashear
Thornburg	Perry	550	5	76.1	...	105	6	45	16	45	1.22	...	0.79	0.0	2	18	12	1	s.	Edward E. Holmes
Waldron	Scott	675	10	...	...	...	...	...	...	...	0.29	...	0.18	0.0	4	15	14	2	nw.	Dr. Cheves Bevill
Warren	Bradley	265	35	81.8	+0.7	100	11	57	16	30	2.17	−2.03	1.55	0.0	2	24	7	0	sw.	Miss Evelyn Hoyle
Waters	Montgomery	[illegible]	5	...	...	...	...	...	...	...	0.00	...	0.00	0.0	0	22	9	0	sw.	J. R. Huddleston
Whitecliffs	Little River	290	25	...	...	...	...	...	...	...	T.	−3.41	T.	0.0	0	23	3	5	se.	Nannie O. Schirmer
Wilson	Mississippi	237	4	77.0	...	100	3	50	31	38	3.85	...	1.90	0.0	6	26	5	0	sw.	M. W. H. Collins
Winslow	Washington	1731	14	77.6	+2.6	99	6	44	15	41	0.51	−4.56	0.36	0.0	3	14	17	0	s.	O. H. Black
Wynne	Cross	256	21	78.5	−1.0	100	3†	51	16	39	1.85	−2.13	0.85	0.0	4	18	11	2	s.	R. T. Cobbs
Yancopin	Desha	167	5	...	...	...	...	...	...	...	1.83	...	1.56	0.0	5	23	6	2	...	W. E. Barton
State Means and Extremes				80.8	+1.1	110	6	41	15	47	1.29	−2.40	3.35	0.0	3	22	7	2	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a}, ^{b}, ^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for August, 1929

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	.30						1.47																		.07							1.84
Arkadelphia	Ouachita								.32																								0.32
Arkansas City	Mississippi	1.25									.22			.33																			1.80
Arlberg	White	.47							.33			.40																					1.20
Batesville	White	.11								.31	.09	.01	.14																T.				0.66
Bee Branch	Arkansas						T.		T.	T		T								T.													T.
Bentonville***	Arkansas	T.								.15		T.								.05													0.20
Black Rock	White	.45						.45		.08	T.		1.67																				2.65
Blytheville	Mississippi	.02						.29	.62	.36	1.74	.06	1.56	.06	.01																		4.72
Booneville	Arkansas							.23	.01	.04			.03							.03			T.					T.					0.34
Brinkley	White	.34							.14	2.21	.24	.10	.11	.76																			3.90
Calico Rock	White						T.	.02		.23	.52	T.	.05																				0.82
Camden	Ouachita	.36																															0.36
Center Point	Red								.36																		.02						0.38
Clarendon	White	.07						T	.02				.60	.07																			0.76
Clinton	White	.17					.11			.26																							0.54
Conway	Arkansas								.59	.13	.14		.51																				1.37
Corning	White	.52						.35	.12	.50	.32	1.25	.40																				3.46
Corning (river)	White	.85						.40	T.	.70	T.	.85	.25																				3.05
Cotter	White						T.			.45	.60	1.28								T.													2.33
Crossett	Ouachita										.09				.16										T.								0.25
Danville	Arkansas																																0.00
Dardanelle	Arkansas										.10			.06									.13										0.29
De Valls Bluff	White	.29						T	.24	.47	.23			.22																			1.45
Dumas	Mississippi										.63			.30										T.			.67						1.60
Dutton	White	.64						T.	.12														T.		.18		.04						0.98
El Dorado	Ouachita	.52								.40				.33	.12											.08							1.45
England	Arkansas								T.				.10																				0.10
Eureka Springs	White	.56							.50	.14										.22													1.42
Fayetteville	White												.31							.04		T		T.	T.								0.35
Fort Smith***	Arkansas							T.	T.	T.			.08							T.			T.			.04							0.12
Freeman Sprgs.	Arkansas								.02	T.			.05																				0.07
Fulton	Red	.80	.04											.10	T.												T.						0.94
Georgetown	White	1.47									.05		.25	.09																			1.86
Gilbert	White						T.	T.	T.	.15	.68	.15									T.						T.						0.98
Grannis	Red								.55																	T.							0.55
Gravette	Arkansas	T							.05											.11													0.16
Harrison	White																																....
Helena	Mississippi	.26							.14		.02		.12	.10																			0.64
Higden	White		.01		T.				T.	T.			.19							.01					T.								0.21
Hope	Red	.23																								T.							0.23
Hot Springs	Ouachita							1.05		.02			.41																				1.48
Index	Red	1.18	.07																														1.25
Jessieville	Ouachita																																....
Jonesboro	White							.02		.04		.08	1.55	.04												.05							1.78
Junction	Ouachita	.17												.68											.17								1.02
Lambrook	White																																....
Lead Hill	White								.92	.53										.01							T.						1.46
Little Rock***	Arkansas	.01					T.	.08	T.	.02		.04	1.02													.78							1.95
Lurton	White	.26					.01		.20	T.		.05													.60			.07					1.19
Lutherville	Arkansas								T.				.09																				0.09
Magnolia	Red	.61																															0.61
Malvern	Ouachita	.12											.09																				0.21
Mammoth Spg.	White					T.	T.		.50	.49	.63	1.19																					2.81
Marianna	Mississippi							.02	.14	.05			.70																				0.91
Marked Tree	Mississippi	.17			.06				.03	.05	.18	.18		1.10																			1.77
Marshall	White						.09		.21	1.10		T.	.40										T.										1.80
Mena	Ouachita	.01								.22			T.	.04																			0.27
Morrilton	Arkansas												.15																				0.15
Mountain Home	White						.20		.10	.36			.38											.53	.21								1.78
Mount Ida	Ouachita								.18																								0.18
Newport	White	.93								.02			.60																				1.55
Norman	Ouachita							.40																									0.40
Oden	Ouachita								3.35																								3.35
Osceola	Mississippi		.25			T.			.32			.30	.65	T	.08	T.									T.								1.60
Ozark	Arkansas	.01							.30				.02							.02													0.35
Paragould	Mississippi							.29		1.31	.34	.82	1.03													.06							3.85
Patterson	White	.40							.15		.10																						0.65
Piggott	Mississippi						.10	1.03	.15	1.21	.06	.25	.70												T.								3.50
Pine Bluff	Arkansas	.09									.12			.78																			0.99
Pocahontas	White						.20	.67		.75		1.05	1.20																				3.87
Portland	Ouachita	.96												1.25													.12						2.33
Prescott	Ouachita																									.08							0.08
Princeton	Ouachita	1.60																															1.60
Rison	Ouachita	1.87								T.																							1.87
Rogers	White	T.							.40											.10		.02			.34								0.86
Saratoga	Red																																0.00
St. Francis	Mississippi						.04	1.78	.34	1.16	.91	.19	.31		T.																		4.73
Searcy	White	.18							.16					.07																			0.41
Springbank	Red	1.60	.14												1.35										T.		T.						3.09
Story	Ouachita	.15					.45	1.92																									2.52
Stuttgart	Arkansas							.07		.04		.37	.02																				0.50
Subiaco	Arkansas	T.							T.			.02	T.															.12					0.14
Texarkana	Red	.15	.15																														0.30
Thornburg	Arkansas						.43		T.				.79																				1.22
Waldron	Arkansas								.18	.03			.04							.04			T.										0.29
Warren	Ouachita										1.55			.62											T.								2.17
Waters	Ouachita																																0.00
Whitecliffs	Red	T.																															T.
Wilson	Mississippi			.10			T.	.25		.30	.60	.70	1.90																				3.85
Winslow	Arkansas							T.	T.				.03							.12		T.			.36								0.51
Wynne	Mississipp						.85			.30			.20													.50							1.85
Yancopin	Arkansas	1.56									.07		.18	.01													.01						1.83

Daily River Stages for August, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.8	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.5	4.4	4.4	4.4	4.5	4.5	4.8	5.5	6.0	6.6	6.6	6.0	5.6	5.1	4.9	5.0	4.6	4.2	4.0	3.9	3.7	3.6
Ozark	do	22	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6
Dardanelle	do	20	4.8	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.9	4.5	5.0	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.1	4.0
Morrilton	do	20	3.3	3.0	2.9	2.8	2.6	2.4	2.2	2.1	2.0	2.0	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.0	2.8	3.0	2.8	2.5	2.3	2.0	1.9	1.8	1.7	1.6	1.5
Little Rock	do	23	3.0	2.9	2.7	2.4	2.0	2.0	1.8	1.7	1.5	1.4	1.3	1.3	1.1	1.1	1.0	1.0	0.9	0.9	0.9	1.2	1.7	2.2	2.2	2.3	1.7	1.6	1.4	1.0	0.9	0.7	0.4
Pine Bluff	do	25	9.0	8.7	8.5	8.3	8.2	8.0	7.8	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.9	6.8	6.7	6.7	6.7	6.7	7.1	7.6	8.0	8.2	7.8	7.6	7.3	6.9	6.7	6.5	6.4
Yancopin	do	29	15.0	14.2	13.6	13.1	12.7	12.3	11.9	11.6	11.3	11.1	10.9	10.8	10.7	10.5	10.3	10.2	10.0	9.8	9.7	8.7	8.6	9.9	10.5	11.3	11.7	11.7	11.1	10.6	10.0	9.7	9.5
Danville	Petit Jean	20	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	2.5	2.4	2.3	1.9	2.0	1.9	1.8	1.8	2.2	2.0	2.9	2.6	2.4	2.6	2.6	2.4	2.6	2.0	1.7	1.6	1.6	1.6	1.7	1.6	1.4	1.6	1.5	1.6	1.5	1.5	1.5
Calico Rock	do	23	1.4	1.2	1.3	1.1	1.0	0.9	0.8	0.6	1.1	1.9	1.4	1.6	2.0	1.3	1.2	1.2	1.1	1.1	0.9	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.2	0.2	0.8	0.2	0.2
Batesville	do	26	6.2	6.2	6.1	6.0	6.0	5.8	5.8	5.7	5.7	6.4	6.7	6.5	6.6	6.7	6.2	6.0	6.0	5.8	5.8	5.6	5.5	5.3	5.3	5.3	5.3	5.2	5.2	5.0	5.0	5.1	5.0
Newport	do	20	4.2	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.9	4.6	5.0	5.6	6.2	6.2	5.7	5.0	4.8	4.6	4.8	4.1	3.8	3.7	3.6	3.4	3.4	3.3	3.0	2.9	2.9	2.8
Georgetown	do	21	5.3	5.1	4.9	4.6	4.5	4.4	4.2	4.1	4.0	3.7	3.6	3.6	4.0	4.3	5.4	6.0	6.2	6.2	6.1	5.9	5.5	5.1	4.8	4.5	4.3	4.1	4.0	3.8	3.7	3.6	3.5
De Valls Bluff	do	34	10.1	9.9	9.8	9.7	9.6	9.5	9.3	9.2	9.0	8.8	8.7	8.6	8.9	9.4	10.0	10.8	11.0	11.1	10.9	10.5	10.1	9.8	9.4	9.0	8.7	8.4	8.2	8.0	7.8	7.7	7.5
Clarendon	do	12	13.0	12.6	12.4	12.2	12.1	12.0	11.8	11.7	11.5	11.3	11.1	11.0	11.0	11.3	11.8	12.3	12.8	13.1	13.0	12.8	12.5	12.2	11.9	11.6	11.3	11.0	10.8	10.6	10.4	10.2	10.0
Gilbert	Buffalo	14	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Black Rock	Black	30	5.5	5.6	5.2	4.8	4.5	4.3	4.0	3.8	3.8	3.7	4.5	8.0	8.7	8.0	7.5	6.5	6.0	5.5	5.0	4.7	4.5	4.3	4.2	4.0	3.8	3.7	3.7	3.7	3.6	3.5	3.5
Camden	Ouachita	28	4.2	4.3	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.9	4.0	4.0	3.9	3.9	4.0	4.6	3.9	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.9	3.9
Fulton	Red	44	8.6	8.4	8.2	8.0	7.5	7.2	7.0	6.8	6.4	6.5	6.3	6.2	6.1	6.0	5.9	5.9	5.9	5.9	5.8	5.7	5.7	5.7	5.7	5.6	5.5	5.4	5.3	5.3	5.3	5.2	5.2
Helena	Mississippi	48	16.7	16.3	16.0	15.6	15.2	15.0	14.5	14.3	14.8	15.0	15.2	15.3	15.3	15.3	15.0	14.6	14.3	14.0	13.5	12.8	12.2	11.5	10.7	9.9	9.3	8.8	8.6	8.6	8.5	8.0	8.4
Arkansas City	do	48	23.2	21.0	20.1	18.9	18.6	17.9	17.6	17.3	16.9	16.8	17.2	17.3	17.4	17.4	17.4	17.3	16.8	16.4	16.1	15.8	15.2	14.6	13.9	13.2	12.5	11.8	11.3	10.9	10.6	10.3	9.9

Daily Temperatures for August, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	97	98	105	97	98	103	102	94	96	99	101	92	97	90	92	92	97	102	98	100	103	101	100	99	103	100	101	100	94	97	100	98.3
	Minimum	72	72	74	75	64	71	76	67	73	72	72	75	71	71	54	54	57	55	69	67	69	70	72	71	68	69	67	67	63	61	61	67.4
Bentonville	Maximum	98	96	95	86	94	101	92	95	90	94	94	93	95	80	85	87	92	96	91	94	97	97	95	95	94	91	93	88	88	90	91	92.5
	Minimum	74	73	71	61	62	77	71	69	69	71	71	72	68	55	49	55	58	62	68	66	73	70	72	69	67	69	66	61	54	59	63	66.0
Bee Branch	Maximum	97	98	103	99	92	95	95	95	97	101	99	93	100	93	85	85	98	98	98	96	100	99	101	97	97	101	99	97	90	92	93	96.1
	Minimum	69	71	70	69	59	69	72	73	70	69	74	71	66	70	50	52	53	57	67	64	65	65	66	69	67	63	64	65	57	57	55	64.8
Blytheville	Maximum	97	98	98	87	88	89	87	90	93	92	91	89	91	89	80	..	..	..	..	..	92	95	94	94	93	91	90	90	86	87	89	90.8
	Minimum	70	78	76	62	60	67	72	71	72	70	71	71	72	71	56	..	..	..	..	..	71	72	73	74	73	70	68	61	60	59	66	68.7
Booneville	Maximum	102	102	105	99	102	110	107	96	100	103	105	98	103	93	91	91	93	101	99	100	105	103	102	100	102	101	101	97	93	95	97	99.9
	Minimum	74	70	74	77	68	74	75	75	72	71	75	77	68	71	51	60	62	63	69	71	72	71	72	72	70	71	70	70	60	60	64	69.3
Brinkley	Maximum	98	98	101	95	95	102	93	95	93	97	96	86	93	86	80	84	89	94	94	91	94	96	94	96	95	95	96	90	88	89	92	93.1
	Minimum	68	73	73	74	60	70	73	71	74	72	74	71	69	73	55	53	54	57	62	63	63	66	68	69	69	65	62	67	58	57	53	65.7
Calico Rock§§	Maximum	98	100	103	90	95	100	92	97	94	99	96	94	99	84	83	83	94	99	91	92	100	102	101	96	97	97	96	89	89	91	92	94.6
	Minimum	75	73	76	61	55	60	74	74	71	69	72	73	70	65	51	50	52	53	61	60	62	63	69	67	67	61	61	59	53	53	53	63.3
Camden§§	Maximum	93	96	99	93	98	100	102	99	99	100	101	101	99	95	88	91	95	98	100	98	100	99	98	98	101	100	100	99	93	95	96	97.5
	Minimum	71	71	73	74	66	70	74	73	72	73	74	73	72	68	56	53	54	56	61	66	66	69	68	67	64	66	60	65	61	63	56	66.3
Center Point	Maximum	98	101	104	96	103	105	102	98	98	101	104	95	97	95	90	93	96	100	98	100	102	100	98	97	104	102	100	100	94	95	96	98.8
	Minimum	73	72	75	77	70	76	76	75	75	74	75	75	74	72	63	61	64	65	70	71	75	75	73	71	69	73	87	74	67	66	66	71.9
Conway	Maximum	103	102	105	104	97	107	91	102	99	99	100	94	95	93	85	85	93	98	97	95	100	103	101	102	101	101	99	94	91	93	94	97.5
	Minimum	72	73	78	75	62	75	74	75	72	72	77	72	69	75	56	56	56	60	69	65	67	69	71	71	70	66	66	70	60	59	59	67.9
Corning	Maximum	101	99	101	91	90	89	87	90	92	91	94	91	92	81	80	84	87	93	88	90	92	97	96	96	96	95	97	90	89	91	92	91.7
	Minimum	69	75	73	59	54	66	70	72	69	68	70	71	67	65	51	51	53	57	65	55	65	64	71	72	70	60	62	56	55	54	51	63.2
Dardanelle	Maximum	104	102	105	103	103	107	99	98	100	100	103	101	101	99	95	89	91	98	99	96	101	101	98	98	100	98	98	96	92	93	94	98.8
	Minimum	71	74	76	75	64	75	73	77	73	72	75	73	70	73	55	56	57	60	69	67	69	70	71	74	70	65	66	70	59	60	59	68.3
Dumas	Maximum	96	98	98	94	90	99	95	95	97	95	99	95	94	89	85	86	90	95	100	97	97	100	100	99	101	96	96	96	89	88	95	94.9
	Minimum	69	72	75	75	63	73	78	73	74	72	72	74	72	74	56	54	55	59	63	67	61	68	69	70	69	66	64	66	57	60	55	66.9
Dutton	Maximum	96	93	97	87	90	99	95	92	92	94	95	91	95	82	85	84	90	94	92	94	97	97	92	90	95	94	91	89	88	89	91	91.9
	Minimum	64	65	65	61	54	67	65	68	65	65	71	62	63	58	41	45	49	58	56	58	63	61	62	62	61	56	60	54	47	50	55	58.9
El Dorado	Maximum	90	95	98	97	96	99	98	97	97	99	99	101	93	93	86	88	92	96	97	98	98	98	92	96	98	97	97	96	93	93	95	95.5
	Minimum	72	74	75	75	73	78	77	75	75	76	77	77	75	71	60	57	60	66	69	70	70	73	72	71	69	71	67	70	65	62	61	70.4
Eureka Springs	Maximum	101	96	98	91	95	104	98	96	92	94	98	96	98	94	89	92	96	99	91	98	100	98	96	100	98	94	97	92	93	97	98	95.9
	Minimum	74	74	77	62	66	79	73	71	67	71	68	71	67	60	52	55	58	66	65	65	74	75	76	74	66	67	67	61	56	60	64	67.1
Fort Smith	Maximum	101	100	99	94	100	105	101	96	96	99	99	87	96	85	86	87	93	97	93	97	100	99	95	95	97	96	98	94	89	91	93	95.4
	Minimum	78	77	79	76	68	80	75	76	74	75	76	75	73	68	58	61	63	69	74	72	73	75	76	75	73	73	75	73	64	67	67	72.2
Grannis	Maximum	98	101	99	97	100	104	104	98	..	..	..	..	..	..	..	..	..	..	..	102	102	100	99	98	102	99	100	101	98	97	97	99.8
	Minimum	67	64	64	72	60	67	67	67	..	..	..	..	..	..	46	..	..	..	..	66	64	65	63	62	61	61	62	64	59	56	54	62.4
Gravette	Maximum	99	99	95	89	95	100	94	97	92	97	95	95	96	93	87	88	93	97	91	96	99	98	97	95	97	90	94	89	90	92	95	94.2
	Minimum	74	72	73	62	62	77	70	68	69	71	70	71	66	58	45	54	58	65	63	67	77	71	77	66	68	67	64	61	51	60	63	65.9
Helena	Maximum	96	98	100	88	90	98	90	95	97	98	98	92	93	87	81	84	91	93	93	90	98	97	95	98	95	93	94	89	86	89	90	92.8
	Minimum	68	72	75	75	64	72	77	72	73	73	74	74	67	69	54	54	56	60	61	63	67	72	71	70	70	68	66	66	56	62	58	67.1
Hope	Maximum	97	103	102	98	103	102	105	106	102	103	106	106	100	99	90	96	101	98	98	102	106	107	105	105	104	105	105	97	95	100	101	101.5
	Minimum	72	72	73	75	70	76	76	73	74	72	74	76	70	70	54	54	55	57	58	69	70	74	70	74	65	65	65	65	65	58	59	67.7
Hot Springs	Maximum	100	100	105	96	99	106	101	95	96	98	101	94	96	93	89	90	90	98	96	98	97	97	98	99	97	100	98	94	92	94	95	96.8
	Minimum	74	73	83	76	64	82	71	72	72	71	74	71	69	71	56	55	57	63	68	69	68	70	71	70	69	68	80	69	59	61	61	68.9
Jonesboro	Maximum	98	98	101	98	90	92	86	93	95	97	94	97	94	85	78	82	82	95	87	88	90	98	98	96	93	93	95	94	86	87	89	91.9
	Minimum	71	77	76	67	60	68	74	76	71	71	70	71	70	72	70	56	59	58	60	59	68	68	75	74	73	66	66	63	60	61	56	67.4
Lead Hill	Maximum	103	102	101	93	97	106	92	98	88	97	94	97	99	88	86	87	93	100	95	93	103	102	100	100	99	97	96	90	91	93	95	96.0
	Minimum	68	67	69	57	53	78	73	71	69	70	71	74	62	62	47	49	50	54	69	60	62	69	79	66	63	61	60	52	50	51	53	62.3
Little Rock	Maximum	98	98	102	89	92	100	90	93	98	99	99	90	91	86	82	83	88	93	93	90	95	96	94	97	95	94	94	90	87	88	91	92.7
	Minimum	73	75	75	74	67	76	75	75	74	75	78	70	70	69	62	71	63	68	70	70	71	73	74	74	70	71	70	71	66	66	65	70.6
Lutherville	Maximum	98	100	102	102	96	103	95	96	101	100	102	98	99	88	91	90	95	100	101	101	104	103	102	99	101	102	100	95	95	93	92	98.2
	Minimum	72	73	73	72	63	72	73	75	73	71	73	74	69	69	55	56	60	64	72	66	71	72	71	70	69	68	68	69	63	61	62	68.3
Magnolia	Maximum	94	98	97	95	100	103	103	104	102	100	101	102	98	95	90	91	97	100	99	100	101	105	103	104	100	100	100	99	98	94	96	99.0
	Minimum	73	71	73	73	74	75	75	74	73	74	74	74	74	69	60	56	60	62	68	66	69	72	70	69	65	70	66	62	67	64	61	68.8
Malvern	Maximum	98	99	102	97	99	103	102	101	101	103	104	99	101	96	90	91	98	101	101	100	102	101	99	100	101	101	101	97	93	96	96	99.1
	Minimum	71	71	71	70	61	75	73	75	73	71	73	72	72	70	52	52	54	58	63	69	67	67	69	68	68	65	64	68	58	57	56	66.2
Mammoth Spg	Maximum	100	101	100	86	87	88	85	91	89	90	92	82	79	80	92	81	86	83	93	96	98	95	92	90	90	86	89	90	88	90	87	89.6
	Minimum	69	71	71	62	56	70	70	68	69	71	67	66	54	52	52	56	54	56	65	66	70	62	71	65	59	63	64	68	68	66	64	61.1
Marianna	Maximum	95	96	98	95	95	98	90	90	92	95	94	94	90	87	80	82	88	89	90	88	92	93	92	95	93	93	90	87	85	85	88	90.9
	Minimum	70	75	75	66	65	78	78	73	75	73	73	74	70	73	58	56	58	61	61	64	65	70	72	70	67	67	65	69	60	62	57	67.6
Marshall	Maximum	102	101	102	95	95	102	99	96	93	95	94	92	95	91	84	86	92	97	94	93	99	100	95	95	98	98	96	89	88	91	93	94.8
	Minimum	71	78	71	60	61	76	73	72	69	69	71	71	67	63	49	54	58	59	67	61	72	74	74	67	64	58	60	57	52	53	54	64.7
Mena	Maximum	99	99	105	98	102	108	105	86	95	99	103	93	98	88	91	91	96	99	98	100	102	101	99	98	102	100	98	95	92	95	97	97.7
	Minimum	74	72	74	75	67	75	75	72	71	69	73	74	69	69	52	59	57	61	69	69	70	71	72	69	68	72	71	68	66	60	64	68.6
Mount Ida	Maximum	99	100	107	94	99	107	101	96	96	101	105	92	97	94	90	90	96	100	99	99	101	98	99	97	102	101	99	98	93	94	95	98.0
	Minimum	72	68	71	76	57	71	78	67	68	66	68	72	66	65	48	45	49	60	62	62	63	64	67	67	64	62	66	60	52	51	51	63.2
Newport	Maximum	100	98	103	91	91	89	89	97	96	100	98	91	97	88	83	86	93	98	95	94	97	100	100	100	98	98	98	92	91	91	92	94.6
	Minimum	70	74	72	67	60	70	73	72	71	71	71	71	71	72	56	55	56	58	64	60	65	66	70	70	72	64	64	64	58	59	56	65.9
Pine Bluff	Maximum	101	96	100	92	91	101	96	94	98	97	101	92	92	90	84	86	90	95	94	93	97	98	96	97	97	97	95	92	89	91	93	94.4
	Minimum	71	74	77	76	66	77	79	76	76	73	78	76	73	73	60	58	56	64	67	70	66	71	71	73	71	69	67	70	63	64	60	69.9
Pocahontas	Maximum	96	98	99	98	87	89	86	89	92	93	93	92	98	91	79	83	86	93	92	88	91	97	96	93	95	94	94	94	87	88	90	91.6
	Minimum	70	74	76	65	57	67	72	72	70	69	70	70	66	69	55	54	54	58	65	60	67	65	67	70	73	66	65	60	60	59	57	65.2
Portland	Maximum	92	95	98	90	92	98	90	94	96	98	99	98	92	90	84	86	88	92	93	92	94	92	90	93	96	92	93	92	88	88	92	92.5
	Minimum	69	71	74	75	67	73	76	74	74	74	74	73	70	69	60	56	59	59	64	67	63	69	68	69	67	68	65	67	60	61	57	67.5
Prescott	Maximum	96	98	107	100	99	101	102	100	100	101	102	99	100	97	90	92	94	99	100	100	101	101	98	101	97	100	97	98	97	95	98	98.7
	Minimum	70	71	73	78	73	75	70	74	71	74	73	76	72	69	59	57	58	62	69	69	73	74	78	70	69	67	68	66	62	62	61	69.0
Rison	Maximum	97	98	101	99	96	101	101	98	100	100	104	103	100	94	92	92	95	100	101	100	102	101	99	99	102	101	101	98	93	96	98	98.8
	Minimum	70	72	75	76	65	75	78	75	74	71	76	78	73	71	55	55	56	63	67	67	65	71	69	71	69	68	65	68	64	61	60	68.4
Searcy	Maximum	99	98	104	95	91	99	92	95	96	100	100	91	96	89	83	85	91	98	95	92	96	100	99	98	98	96	97	98	88	90	92	94.9
	Minimum	68	72	68	72	58	67	73	72	70	69	74	72	67	72	54	50	52	56	63	62	63	63	65	67	68	64	62	67	60	57	59	64.7
Stuttgart	Maximum	100	100	104	95	95	103	95	99	100	102	101	92	94	88	83	87	95	98	97	94	100	101	99	100	99	98	97	92	90	92	95	96.3
	Minimum	70	73	75	75	62	73	75	73	74	71	75	72	68	72	55	54	55	60	64	64	63	69	69	71	70	65	64	65	58	58	56	66.7
Texarkana	Maximum	95	97	99	95	98	101	98	102	98	102	103	103	101	95	95	89	95	99	101	101	100	96	98	99	98	97	97	93	85	96	96	97.5
	Minimum	70	70	73	73	71	73	74	74	74	75	73	73	74	72	58	57	58	63	65	70	72	71	69	66	72	69	68	66	61	62	61	68.6
Thornburg	Maximum	98	97	103	90	93	105	92	91	97	98	100	92	96	86	84	86	92	97	95	96	100	97	94	98	98	98	95	92	87	92	93	94.6
	Minimum	68	66	73	71	55	70	68	71	69	66	68	59	62	64	46	45	50	56	63	59	62	68	72	70	65	56	58	59	47	49	48	61.6
Warren	Maximum	93	97	98	96	94	99	97	96	97	96	100	94	92	89	87	84	87	92	94	92	94	93	91	92	95	94	93	92	88	89	91	93.1
	Minimum	71	74	77	77	69	78	80	76	76	78	79	78	74	72	63	57	63	65	69	69	67	74	71	71	71	73	67	69	61	63	61	70.5
Wilson	Maximum	96	97	100	86	86	90	86	90	94	93	90	89	93	84	78	79	89	91	86	86	92	93	92	93	90	88	90	85	83	83	88	89.0
	Minimum	69	75	73	67	64	62	71	74	76	70	69	70	69	68	58	56	58	58	61	56	64	69	70	70	70	62	61	62	58	56	50	65.0
Wynne	Maximum	99	98	100	90	81	88	87	94	96	96	95	89	95	90	81	86	92	96	95	92	96	100	98	98	95	94	95	90	82	89	92	92.5
	Minimum	69	73	73	69	63	70	73	72	75	71	70	72	66	70	54	51	55	57	62	56	66	66	70	67	70	64	62	64	56	57	53	65.0

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

Weather Bureau, Little Rock, Ark., 10-25-29--930

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., SEPTEMBER, 1929 No. 9

GENERAL SUMMARY

For the State as a whole, September averaged drier and cooler than usual, though in some localities both the temperature and precipitation were above the seasonal average. The mean temperature for the State, as determined from the records of 32 stations, was 73.4° which is 0.8° below normal. Monthly means ranged from 67.1° at Mountain Home to 77.4° at Rison, a difference of 10.3° between northern and southern sections of the State. Extremes ranged from 102° at Magnolia on the 1st and at Hope on the 2d, to 41° at Batesville and Corning on the 19th. Extremes occurred on approximately these dates throughout the State. A minimum of 41° for September is rather high, freezing frequently occuring in northern counties the closing days of the month. Frost did not occur.

The average precipitation for 92 stations was 2.46 inches which is 0.97 inch below normal, this being the fourth consecutive month during which Arkansas' precipitation has been below normal. Of the stations for which normal have been computed, 18 showed positive departures, negative at all others. Precipitation was heaviest in western sections of the State while the least rain fell in the Arkansas and White River valleys. Monthly totals ranged from 5.86 inches at Waters to 0.31 inch at Pine Bluff. The greatest amount measured in any 24-hour period was 2.80 inches at Mount Ida on the 7th. The average number of rainy days was 5.

The weather of the month was mostly favorable for picking and ginning cotton and in some localities in southern counties picking was practically completed at the close of the month. The crop was much better in eastern than in western sections of the State. Corn was practically all matured and gathering was in progress at the close of the month. The weather was too dry for pastures, late truck, and fall plowing. The streams of the State were at low stages most of the month. Dirt roads were dusty.

W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--2d, 2; 4th, 18; 5th, 20; 6th, 23; 7th, 14; 8th, 15; 9th, 7; 10th, 3; 11th, 1; 12th, 26; 13th, 14; 14th, 3; 16th, 2; 20th, 3; 22d, 1; 24th, 1; 29th, 5; 30th, 1.

LUNAR HALOS:-----14th, 1; 18th, 1; 19th, 1.

SOLAR HALOS:-----5th, 1.

DENSE FOG:------7th, 4; 8th, 1; 12th, 1; 13th, 4; 14th, 1; 15th, 1; 16th, 17th, 6; 18th, 1; 22d, 1; 24th, 2; 25th, 2; 27th, 1.

Tornado; Stuttgart, 12th. few persons injured, damage about $1800.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement, miles	Maximum velocity	Direction	Date	7 a. m.	p. m.	
Bentonville	30.00	30.25	11	29.72	4	1,929	12	s.	4	......	......	73
Fort Smith	29.97	30.23	11	29.69	4	3,923	20	w.	4	80	57	72
Little Rock	30.00	30.24	11	29.75	4	4,062	32	nw.	12	82	54	69
Memphis	30.00	30.22	11	29.79	4	3,355	18	sw.	5	84	66	52

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**74.2**		**113**		**28**		**3.43**		**17**	**7**	**6**	**6**
1891	73.4	−0.8	102	24	40	4	0.94	−2.49	22	6	2	2
1892	70.8	−3.4	96	10	32	14	2.14	−1.29	23	4	3	3
1893	74.0	−0.2	103	14	36	26	3.75	+0.32	19	5	6	5
1894	73.1	−1.1	100	6	38	25	3.56	+0.13	14	8	8	6
1895	77.1	+2.9	105	13	32	30	1.36	−2.07	19	7	4	4
1896	73.3	−0.9	106	17	35	29	3.25	−0.18	11	9	10	10
1897	76.6	+2.4	108	3	33	22	0.60	−2.83	21	7	2	2
1898	75.2	+1.0	104	2	40	7	7.35	+3.92	15	6	9	8
1899	71.9	−2.3	109	3	28	29	1.21	−2.22	20	7	3	3
1900	78.0	+3.8	104	17	48	22	4.25	+0.82	12	12	6	7
1901	72.6	−1.6	101	8	32	18	3.08	−0.35	18	8	4	4
1902	68.4	−5.8	99	5	30	13	5.06	+1.63	15	8	7	8
1903	70.7	−3.5	102	15	34	17	2.47	−0.96	18	7	5	5
1904	75.4	+1.2	101	10	37	15	2.46	−0.97	15	9	6	5
1905	74.2	0.0	100	1	44	4	3.90	+0.47	16	7	7	8
1906	75.7	+1.5	100	1	47	30	6.24	+2.81	11	9	10	10
1907	73.9	−0.3	106	7	38	29	2.22	−1.21	19	8	3	4
1908	73.4	−0.8	101	7	29	28	4.00	+0.57	13	8	9	7
1909	74.7	+0.5	108	3	31	28	2.84	−0.59	18	7	5	5
1910	76.4	+2.2	101	23	44	18	2.41	−1.02	18	8	4	5
1911	79.0	+4.8	102	27	46	22	3.67	+0.24	18	9	3	6
1912	78.5	+4.3	106	6	32	26	2.40	−1.03	18	8	4	4
1913	71.7	−2.5	108	4	33	21	10.10	+6.67	9	9	12	13
1914	74.4	+0.2	101	9	38	24	3.19	−0.24	16	9	5	5
1915	74.9	+0.7	100	19	34	22	1.43	−2.00	16	8	6	3
1916	72.5	−1.7	102	4	30	30	3.40	−0.03	19	6	5	6
1917	71.8	−2.4	99	1	37	29	1.76	−1.67	18	7	5	4
1918	67.3	−6.9	104	15	29	21	4.63	+1.20	16	5	9	7
1919	74.6	+0.4	108	10	40	12	2.72	−0.71	15	8	7	4
1920	74.9	+0.7	100	15	30	30	3.56	+0.13	17	6	7	6
1921	79.6	+5.4	104	2	35	30	3.38	−0.05	14	9	7	6
1922	76.2	+2.0	106	6	37	12	1.25	−2.18	22	5	3	3
1923	73.6	−1.2	98	11	45	23	5.56	+2.13	12	7	11	9
1924	69.7	−4.5	103	7†	29	30	3.99	+0.56	17	5	8	7
1925	80.5	+6.3	113	6	47	12	5.96	+2.53	16	7	7	7
1926	76.8	+2.6	101	13	40	26	3.99	+0.56	14	8	8	7
1927	75.9	+1.7	105	17	32	21	3.37	−0.06	16	8	6	6
1928	70.5	−3.7	101	16	32	24	0.45	−2.98	22	[illegible]	3	1
1929	73.4	−0.8	102	1	41	19	2.46	−0.97	13	8	7	5

Corrections: August, 1929

Batesville, date of highest temperature should be 3d.
Corning, number days partly cloudy should be 6, cloudy 1.
Grannis, monthly mean temperature should be 81.1°.
Marianna, lowest temperature should be 55° on 16th.
Osceola, number clear days should be 21, cloudy 3.

Climatological Data for September, 1929

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	34	74.6	+0.4	99	1	51	16†	38	3.89	+0.60	1.89	0.0	6	11	18	1	e.	J. W. Campbell
Arkadelphia	Clark	250	33	......	......	......	......	......	......	......	1.64	−1.00	0.48	0.0	6	15	9	6	n.	W. K. Brown
Arkansas City	Desha	145	45	......	......	......	......	......	......	......	1.06	−1.86	0.78	0.0	2	10	5	16	......	J. H. Catham
Arlberg	Stone	700	7	......	......	......	......	......	......	......	1.36	......	0.66	0.0	3	16	6	8	ne.	J. D. Reeves
Batesville	Independence	277	30	70.5	−2.5	97	1	41	19	44	1.22	−2.68	0.48	0.0	4	17	6	7	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	73.3	−1.1	97	1†	45	19	33	0.93	−2.19	0.27	0.0	5	5	17	8	s.	J. E. Scanlan
Bentonville	Benton	1303	24	68.9	+0.9	93	4	50	10	30	3.81	+0.34	1.83	0.0	9	19	6	5	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	......	......	......	......	......	......	......	3.87	+0.63	2.00	0.0	4	15	2	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	4	73.4	......	92	3†	47	19	31	1.74	......	0.50	0.0	7	8	8	14	n.	B. E. Smith
Booneville	Logan	465	15	74.4	+5.5	100	1	51	17	36	4.10	+0.92	1.12	0.0	6	15	7	8	e.	F. H. Randolph
Brinkley	Monroe	205	42	73.2	−1.4	95	4	47	19	32	2.83	−0.40	1.56	0.0	4	14	15	1	ne.	R. J. Torry
Calico Rock	Izard	361	25	71.6	−0.2	99	4	45	19	43	1.11	−2.46	0.78	0.0	5	11	12	7	s.	W. J. Copp
Camden	Ouachita	158	44	75.0	−0.4	98	1	48	20	41	1.53	−1.79	0.81	0.0	3	13	11	6	se.	A. B. Quarterman
Center Point	Howard	470	30	76.4	−0.3	99	1	55	18†	33	2.53	−1.14	1.02	0.0	7	16	6	8	ne.	John C. Floyd
Clarendon	Monroe	200	25	......	......	......	......	......	......	......	2.78	−0.82	1.66	0.0	6	12	5	13	n.	J. W. Bishop
Clinton	Van Buren	516	8	......	......	......	......	......	......	......	1.13	......	0.75	0.0	2	15	12	3	sw.	A. L. Stephens
Conway	Faulkner	309	46	73.8	−1.2	99	1	50	20	35	1.85	−1.66	0.66	0.0	4	17	11	2	e.	E. E. Cordrey
Corning	Clay	293	36	72.0	−0.4	96	1	41	19	39	1.09	−2.63	0.66	0.0	4	12	15	3	w.	Winfred D. Polk
Corning (river)	Clay	280	5	......	......	......	......	......	......	......	1.57	......	0.88	0.0	3	17	7	6	......	Henry Stafford
Cotter	Marion	408	2	......	......	......	......	......	......	......	1.55	......	0.56	0.0	4	14	7	9	s.	J. O. Linck
Crossett	Ashley	175	14	76.1	+1.7	99	1	51	19	39	4.06	+1.56	1.63	0.0	6	14	9	7	ne.	G. A. Gifford
Danville	Yell	327	13	......	......	......	......	......	......	......	1.98	−0.97	0.78	0.0	4	17	3	10	e.	C. G. Hudson
Dardanelle	Yell	330	43	75.1^a	+0.7	96^b	1†	53	19†	36^b	2.61	−0.68	1.10	0.0	10	11	19	0	e.	Geo. N. Goodier
De Valls Bluff	Prairie	153	2	......	......	......	......	......	......	......	0.90	......	0.82	0.0	2	14	7	9	......	H. G. Pate
Dumas	Desha	162	23	76.6	+1.0	99	5	49	20	43	0.57	−3.23	0.30	0.0	6	8	15	7	s.	Ben Johnson
Dutton	Madison	1590	26	67.8	−0.9	92	1†	43	18	42	1.18	−2.92	0.52	0.0	5	17	10	3	s.	J. M. Ricketts
El Dorado	Union	270	28	77.8	+0.9	99	1	54	19	33	4.20	+1.34	2.50	0.0	4	8	15	7	sw.	J. J. Babb
England	Lonoke	229	22	75.2	+0.1	97	1	50	20	39	0.46	−3.24	0.25	0.0	4	15	10	5	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	71.5	−0.3	97	1	50	19	32	4.33	+0.37	2.24	0.0	8	13	8	9	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	71.6	−0.8	95	1	48	15	35	5.07	+1.89	2.46	0.0	7	15	10	5	ne.	University of Arkansa
Fort Smith	Sebastian	457	48	74.0	0.0	96	4	56	19	28	3.52	+0.53	1.11	0.0	6	15	7	8	e.	U. S. Weather Burea
Freeman Springs	Pope	2240	5	......	......	......	......	......	......	......	2.55	......	0.84	0.0	8	20	4	6	se.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	......	......	......	......	......	......	......	2.45	+0.01	2.18	0.0	3	19	4	7	......	T. J. Logan
Georgetown	White	200	17	......	......	......	......	......	......	......	1.97	−2.01	1.48	0.0	8	13	1	16	......	W. R. Owens
Gilbert	Searcy	675	6	......	......	......	......	......	......	......	1.75	......	0.68	0.0	6	15	14	1	......	Ben F. Battenfield
Grannis	Polk	900	10	72.3	......	98	1†	46	21	42	5.44	......	1.68	0.0	7	19	6	5	e.	W. E. McVay
Gravette	Benton	1250	32	70.4	−0.4	94	4	50	10†	37	4.19	+0.78	1.38	0.0	8	13	13	4	s.	A. F. Stevens
Harrison	Boone	1052	28	71.2^g	+1.0	98^g	3	45^g	16	41^g	3.10	−0.19	2.20	0.0	4	14^e	7^e	4^e	......	G. L. Wright
Helena	Phillips	250	57	74.5	−0.3	96	1	51	19	33	4.17	+0.74	2.85	0.0	6	9	12	9	ne.	James A. Burnett
Higden	Cleburne	445	11	......	......	......	......	......	......	......	0.77	......	0.33	0.0	5	11	11	8	n.	Geo. W. Baker
Hope	Hempstead	377	58	76.4	+0.4	102	2	50	20	44	2.93	−0.06	1.63	0.0	3	17	5	8	n.	N. P. O'Neal
Hot Springs	Garland	600	38	74.3	−1.1	97	1	54	18†	33	3.22	−0.25	1.12	0.0	4	24	6	0	......	G. C. Bolton
Index ‡‡	Little River	275	4	......	......	......	......	......	......	......	2.79	......	2.18	0.0	4	18	1	11	......	H. G. Sanderson
Jessieville ††	Garland	750	3	......	......	......	......	......	......	......	1.16	......	0.31	0.0	5	22	4	4	......	U. S. Forest Service
Jonesboro	Craighead	845	34	73.4	−0.9	95	1	49	15	33	2.75	−0.74	1.16	0.0	5	21	5	4	sw.	Benedictine Sisters
Junction ‡‡	Union	182	35	76.9	+1.3	98	1	56	20	33	3.33	+1.05	1.72	0.0	3	25	2	3	se.	J. A. Lowderback
Lead Hill	Boone	650	2	71.2	......	97	1†	45	15†	37	3.14	......	1.23	0.0	7	19	8	3	s.	J. H. Crosswhite
Little Rock	Pulaski	357	50	74.5	+0.4	93	1	53	19	28	1.43	−1.74	0.70	0.0	7	13	7	10	e.	U. S. Weather Bureau
Lurton	Newton	2100	4	69.6	......	90	1†	46	19	28	1.92	......	0.78	0.0	6	19	8	3	s.	L. C. Sutton
Lutherville ‡‡	Johnson	775	31	74.4	+0.8	97	1†	51	19	32	2.43	−1.02	1.16	0.0	7	12	11	7	se.	H. G. Lenhardt
Magnolia	Columbus	315	10	75.5	......	102	1	54	19†	37	3.94	......	2.70	0.0	3	8	18	4	ne.	State Agri. School
Malvern	Hot Springs	277	42	75.8	+1.5	99	1	47	20	43	0.87	−2.31	0.35	0.0	5	18	7	5	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	24	71.8^f	+0.4	93	6	45^f	16	32^f	2.53	−1.08	1.72	0.0	3	18	5	7	n.	W. C. Gregg
Marianna	Lee	235	17	73.4	+0.4	92	2	49	19	30	2.19	−1.05	0.93	0.0	6	23	4	3	s.	C. N. Houck
Marked Tree	Poinsett	229	24	71.6	−2.5	93	9	43	19	37	2.87	+0.43	1.10	0.0	8	9	19	2	sw.	Charles Walton
Marshall	Searcy	1070	15	72.4	−0.1	97	1†	47	18	37	1.55	−2.33	0.70	0.0	6	16	5	9	se.	A. J. Parks
Mena	Polk	1185	41	72.7	−1.1	99	4	51	20	34	5.60	+2.01	1.58	0.0	9	15	11	4	nw.	E. W. St. John
Morrilton	Conway	347	5	73.8	......	95	1	51	19	35	2.09	......	0.62	0.0	5	14	8	8	se.	John Cook
Mountain Home	Baxter	800	15	67.1	−3.9	91	1	49	19	31	1.60	−2.46	1.02	0.0	4	9	6	15	s.	B. S. Halbert
Mount Ida	Montgomery	650	30	71.7	−1.2	98	1	44	18	46	5.79	+2.60	2.80	0.0	7	19	2	9	e.	G. A. Whittington
Newport	Jackson	231	45	74.0	+0.2	96	4†	45	19	38	1.23	−2.52	0.38	0.0	10	14	5	11	s.	A. C. Wilkerson
Norman	Montgomery	760	2	......	......	......	......	......	......	......	4.57	......	1.20	0.0	6	14	13	3	......	U. S. Forest Service
Oden	Montgomery	800	3	......	......	......	......	......	......	......	2.85	......	1.12	0.0	6	21	3	6	......	U. S. Forest Service
Osceola	Mississippi	240	31	72.8	−0.7	93	3†	49	18	30	2.17	−0.49	0.70	0.0	5	10	12	8	n.	June Thomason
Ozark	Franklin	396	33	73.6	−2.5	97	1	53	18†	32	2.45	−0.54	0.70	0.0	8	17	4	9	se.	Orkney O. Milton
Paragould	Greene	301	3	......	......	......	......	......	......	......	2.30	......	0.80	0.0	6	19	8	3	se.	W. R. Heagler
Patterson	Woodruff	196	13	......	......	......	......	......	......	......	0.77	−1.99	0.63	0.0	2	15	1	14	n.	W. E. Baker
Piggott	Clay	307	5	......	......	......	......	......	......	......	1.83	......	0.56	0.0	6	13	9	8	ne.	V. C. Wright
Pine Bluff	Jefferson	215	42	76.2	+0.2	97	1	53	19	36	0.81	−3.30	0.18	0.0	3	23	3	4	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	72.4	−2.4	94	4	44	19	36	1.82	−1.76	0.65	0.0	8	5	15	10	s.	Benedictine Sisters
Portland	Ashley	122	23	74.7	−1.7	94	5	51	19	31	2.64	−0.11	1.09	0.0	5	11	14	5	n.	W. E. Edmiston
Prescott	Nevada	329	41	76.6	+0.8	99	1†	52	20	40	2.38	−0.50	1.42	0.0	4	16	2	12	w.	C. D. Calhoun
Princeton	Dallas	287	23	......	......	......	......	......	......	......	1.25	−2.08	0.63	0.0	3	18	0	12	......	Mrs. Dora Coleman
Rison	Cleveland	243	28	77.4	+1.6	100	1	50	19	40	1.69	−1.68	1.69	0.0	1	9	16	5	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	70.6	−0.5	96	1†	47	15	35	3.85	+0.35	2.35	0.0	6	14	9	7	s.	Carl A. Starck
Saratoga	Howard	288	1	76.2	......	96	1†	51	20	41	2.61	......	1.22	0.0	4	13	12	5	ne.	Frank K. Hensley
St. Francis	Clay	290	2	......	......	......	......	......	......	......	2.90	......	1.12	0.0	4	22	0	8	......	S. T. Rooney
Searcy	White	236	20	72.6	−0.8	96	1	47	19	40	2.18	−1.11	0.90	0.0	5	22	1	7	ne.	Arthur D. Smith
Springbank ‡‡	Miller	240	22	......	......	......	......	......	......	......	1.17	−2.13	0.90	0.0	3	20	0	10	......	Miss Grace Field
Story	Montgomery	700	5	......	......	......	......	......	......	......	2.28	......	0.90	0.0	1	18	5	7	s.	S. C. Story
Stuttgart	Arkansas	218	42	75.2	+0.4	100	1	50	19	42	1.93	−1.51	0.95	0.0	4	12	14	4	se.	Adam F. Buerkle
Subiaco	Logan	1050	32	74.4	+0.8	99	1	53	15†	34	2.87	−0.37	1.14	0.0	7	13	9	8	s.	New Subiaco Abbey
Texarkana	Miller	332	43	74.1	−2.7	100	1	52	11	36	2.33	−0.40	1.38	0.0	4	19	10	1	s.	H. S. Brashear
Thornburg	Perry	650	5	70.4	......	95	1†	44	20	44	2.87	......	0.91	0.0	7	11	13	6	s.	Edward E. Holmes
Waldron	Scott	675	10	......	......	......	......	......	......	......	2.50	......	0.73	0.0	6	10	8	12	se.	Dr. Cheves Bevill
Warren	Bradley	206	35	75.0	−1.0	93	4	53	20	29	2.90	−1.28	1.65	0.0	5	18	9	3	ne.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	......	......	......	......	......	......	......	5.86	......	2.11	0.0	5	19	2	9	w.	J. R. Huddleston
Whitecliffs	Little River	290	25	......	......	......	......	......	......	......	2.94	+0.54	1.76	0.0	4	19	0	11	se.	Nannie O. Schirmer
Wilson	Mississippi	237	4	71.9	......	91	1†	44	19	34	2.67	......	1.30	0.0	6	18	7	5	e.	D. Anderson
Winslow	Washington	1734	14	69.8	+1.0	91	1†	47	18	36	2.23	−1.44	0.52	0.0	7	10	16	4	sw.	O. H. Black
Wynne	Cross	250	21	74.4	+0.6	98	1	46	19	40	1.75	−1.68	1.60	0.0	2	11	15	4	s.	R. T. Cobbs
Yancopin	Desha	167	5	......	......	......	......	......	......	......	1.20	......	0.54	0.0	8	10	9	11	......	W. E. Barton
State Means and Extremes				73.4	−0.8	102	1†	41	17	46	2.46	−0.97	2.80	0.0	5	15	8	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for September, 1929

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita						.70	1.89	.50	.12	.09			.59																			3.89
Arkadelphia	Ouachita					T.	.40	.48		.10	.30	.06		.30																			1.64
Arkansas City	Mississippi						.28		T					.78				T.															1.06
Ariberg	White						.40				.30		.66																				1.36
Batesville	White						T.	.48		T.	.25		T.	.45								T.	T.		.04								1.22
Bee Branch	Arkansas						.22		.02		T.		.27	.22											.20								0.93
Bentonville ***	Arkansas				1.18	.06	.58		.03	.03		.05	1.83				T.				.04										.01		3.81
Black Rock	White					.35	2.00	.72						.80								T.			T.	T.							3.87
Blytheville	Mississippi				T.	.01	.32	.22	.50		T.			.55	.04									.10									1.74
Booneville	Arkansas					.24	.64		1.12	.75	.59		.76												T.								4.10
Brinkley	White						1.22							1.56											.01	.04							2.83
Calico Rock	White					T.	.02	.21	T.				.04	.78								.06			T.								1.11
Camden	Ouachita							.71		.01				.81																			1.53
Center Point	Red		.01		.46	.65			1.02	.17	.02		.20																				2.53
Clarendon	White					T.	1.66			.02				.96											T	.02	.03				.09		2.78
Clinton	White						.38						.75																				1.13
Conway	Arkansas				.30		.60				.66		.29																				1.85
Corning	White				.32	.05								.66																	.06		1.09
Corning (river)	White					.33		.36						.88											T.						T.		1.57
Cotter	White	T.					.21	.53					.25	.56								T.											1.55
Crossett	Ouachita						.07	.02		1.32				.69	.33			1.63															4.06
Danville	Arkansas						.78			.49		T.	.15	.56											T.								1.98
Dardanelle	Arkansas					.48	.30	.12	.11	.07	.24	.02	.11	1.10											.06								2.61
De Valls Bluff	White						.08	T.						.82																			0.90
Dumas	Mississippi					T	.05			.08	.11		.30											T.	.02	T.	.01						0.57
Dutton	White					.04	.34	T	.25	.03			.52																				1.18
El Dorado	Ouachita							.03		2.50				1.65				.02															4.20
England	Arkansas					.25		.04		T.				.14										T		.03							0.46
Eureka Springs	White				.67	.71	.40		.13				2.24		.12		.04				.02												4.33
Fayetteville	White				.24	2.46	.41		.22	.07			1.56								.11												5.07
Fort Smith ***	Arkansas		T		.01	.34	.57	.98		.51	T.		1.11												T.					T.			3.52
Freeman Sprgs.	Arkansas					.84	.49	.04	.09	.09	.13		.15	.72									T.										2.55
Fulton	Red						.12		T.	.15				2.18																			2.45
Georgetown	White									T.		.48		1.48								T.			T	.01							1.97
Gilbert	White					.30	.30	.31	.01	T.	T.		T.	.68	.15		T.				T.				T.								1.75
Grannis	Red					1.00	1.68	.20	.02	1.10	1.32		T.	.12																			5.44
Gravette	Arkansas				.46	1.38	.83			.12		T.	1.05					.08			.18									.09			4.19
Harrison	White					2.20		.05	.67				.48																		T.		3.40
Helena	Mississippi						.28		.80					2.35											.05	.03	.66						4.17
Higden	White					T.	.19				.05		.33		.15										.05								0.77
Hope	Red					T	1.10			.20				1.63																			2.93
Hot Springs	Ouachita						.99	T	1.12	.35	.76																						3.22
Index	Red						.38		.08	.15				2.18																			2.79
Jessieville	Ouachita						.27	.14		.16	.31		.28																				1.16
Jonesboro	White						.76	1.16			.10			.68											.05	T.							2.75
Junction	Ouachita							.14	1.72				T.	1.47			T.							T.									3.33
Lead Hill	White				.82	.43	.60	T.	.01	T.		T.	1.23		.04						.01												3.14
Little Rock ***	Arkansas					T.	.23	.07	.01	.03	.39		.69	.01										T.	T.	T.							1.43
Lurton	White					.08	.78		.05	.12	.21		.68												T.						T.		1.92
Lutherville	Arkansas					.03	.26		.14	.42	.08		1.16	.34	T.										T.								2.43
Magnolia	Red					.41		.83						2.70																			3.94
Malvern	Ouachita						.09	.35	.13		.25			.05																			0.87
Mammoth Spg.	White							.70					T.	1.72	.11										T.								2.53
Marianna	Mississippi					.38	.04	.66						.93											.10	.08							2.19
Marked Tree	Mississippi					.05	.07	1.00	.48			.07		1.10											.07	.03							2.87
Marshall	White					.05	.55				.05		.70	.08	.12																		1.55
Mena	Ouachita					.35	1.58	.02	.75	.98	1.26	.32	.01	.33																			5.60
Morrilton	Arkansas							.55	.12		.62	.20		.60																			2.09
Mountain Home	White					.12	.41	T.					1.02									.05											1.60
Mount Ida	Ouachita					.76	.83	2.80	.16	.45	.68			.11																			5.79
Newport	White					.02	.07	.38			.24		.01	.31	.02							.06	.07		.05								1.23
Norman	Ouachita					.40	1.00	1.20		1.00	.82			.15		T.																	4.57
Olen	Ouachita					.45	1.12		.10	.40	.62			.16																			2.85
Osceola	Mississippi			T.	T.	.10	.07	T.	.70				T.	.60										.70	T.								2.17
Ozark	Arkansas					.02	.60	.03	.43	.12	.22		.33	.70																			2.45
Paragould	Mississippi					.30	.57	.80		.06			.51								T.			.06									2.30
Patterson	White													.63											.14								0.77
Piggott	Mississippi					.51	.08	.56					.56	.10											.02								1.83
Pine Bluff	Arkansas					.10		.18	T.	T.				.03																			0.31
Pocahontas	White					.30	.53	.08					.65	.05	.10							.01			.10								1.82
Portland	Ouachita								.02	1.09				.38	.22			.93															2.64
Prescott	Ouachita						1.42	.12		.66				.18																			2.38
Princeton	Ouachita					.10			.63					.52																			1.25
Rison	Ouachita							1.69																									1.69
Rogers	White					1.24	.22		.02	T.		T.	2.35								.02												3.85
Saratoga	Red					.18	.66			.55				1.22																			2.61
St. Francis	Mississippi					.57	1.12	.59	T.				T.	.62											T.								2.90
Searcy	White							.90			.02	.47		.75											.04	T.							2.18
Springbank	Red						T.	.18	.09		T.			.90				T.															1.17
Story	Ouachita					.90	.27			.80	.30		.01																				2.28
Stuttgart	Arkansas						.95	.12						.83													.03						1.93
Subiaco	Arkansas					.03	.71		.05	.66	.26		1.14	.02																			2.87
Texarkana	Red						.40		.35	.20				1.38																			2.33
Thornburg	Arkansas					.01	.88	.02	.10	.12	.83		T.	.91											T.								2.87
Waldron	Arkansas					.31	.73	T.		.63	.20		.48	.15			T.								T.								2.50
Warren	Ouachita						.05	.75	1.65	.05				.40											T.						T.		2.90
Waters	Ouachita					.59	2.09	.68		.39	2.11																						5.86
Whitecliffs	Red						1.76	T.		.34	T.	.27		.57																			2.94
Wilson	Mississippi					.03		1.10			.05		1.30											.09			.10						2.67
Winslow	Arkansas				T.	.43	.52	.18	.37	.26	.02	T.	.45																				2.23
Wynne	Mississipp					1.60							T.												.15	T.							1.75
Yancopin	Arkansas						.50	.02	.05	.04	.02			.54											.02		.01						1.20

Daily River Stages for September, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.2	3.1	3.1	3.0	3.0	3.0	2.9	3.7	4.6	4.9	9.1	8.3	7.8	7.3	5.9	5.4	4.6	4.1	4.0	3.9	3.5	3.3	3.2	3.2	3.3	3.3	3.0	2.8	2.6	2.4	
Ozark	do	22	0.5	0.5	0.4	0.3	0.1	0.1	0.0	0.3	0.7	0.8	0.8	2.5	5.5	4.9	4.0	2.8	2.4	1.8	1.5	1.3	1.1	0.8	0.6	0.5	0.5	0.4	0.3	0.8	0.8	0.4	
Dardanelle	do	20	4.7	4.6	4.5	4.5	4.4	4.4	4.5	4.6	4.7	5.2	5.2	6.2	8.6	7.7	7.2	6.7	6.2	5.5	5.5	5.0	5.0	4.9	4.7	4.5	4.5	4.4	4.5	4.5	4.4	4.3	
Morrillton	do	20	1.5	1.4	1.3	1.2	1.1	1.1	1.1	1.0	1.0	1.6	1.7	2.0	4.5	4.9	4.1	3.5	2.8	2.5	2.1	2.0	2.0	2.0	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.8	
Little Rock	do	23	0.4	0.4	0.2	0.2	0.1	0.0	0.0	0.0	-0.1	-0.1	0.5	0.8	0.9	4.0	4.5	4.1	3.7	2.4	1.6	1.1	0.9	0.6	0.6	0.5	0.4	0.0	-0.1	-0.1	-0.1	-0.2	
Pine Bluff	do	25	6.2	6.2	6.1	5.9	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.5	6.6	7.0	9.5	9.9	9.4	8.7	8.1	7.5	7.1	6.6	6.5	6.0	5.8	5.6	5.3	5.1	5.0	4.9	
Yancopin	do	20	9.2	8.9	8.6	8.4	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.7	8.6	9.1	12.3	14.4	14.0	13.0	11.9	10.8	10.0	9.3	8.9	8.5	8.8	8.0	7.7	7.5	7.4	
Danville	Petit Jean	20	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.7	2.9	2.4	4.6	4.8	2.4	1.8	2.4	1.3	1.1	1.0	1.0	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	1.5	1.6	1.4	1.6	1.2	1.6	1.5	1.8	1.9	1.8	1.8	1.7	2.7	3.3	3.3	3.5	2.1	1.8	1.7	1.7	1.6	1.5	1.6	1.5	1.3	1.5	1.6	1.5	1.5	1.6	
Calico Rock	do	28	0.2	0.2	0.2	0.1	0.2	0.0	0.5	0.6	0.6	0.5	0.5	0.5	0.6	1.7	1.8	2.1	1.5	0.8	0.5	0.4	0.6	0.8	0.6	0.3	0.3	0.0	0.2	0.2	0.2	0.2	
Batesville	do	26	5.0	4.9	4.9	4.9	4.8	4.9	4.9	5.0	5.3	5.4	5.3	5.2	5.3	5.4	6.3	6.5	6.9	6.2	5.5	5.3	5.2	5.2	5.2	5.0	5.1	5.0	4.8	4.9	4.9	4.9	
Newport	do	20	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.4	3.9	3.8	3.8	3.6	3.1	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	
Georgetown	do	21	3.4	3.2	3.0	3.0	3.0	3.0	2.8	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	3.9	4.0	4.0	3.8	3.4	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	
De Valls Bluff	do	34	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.7	6.8	6.9	6.9	7.0	6.9	6.9	6.8	7.0	7.3	7.7	8.0	8.0	7.7	7.4	7.1	6.9	6.7	6.6	6.5	6.4	6.3	
Clarendon	do	12	9.9	9.7	9.5	9.4	9.3	9.2	9.2	9.1	9.1	9.1	9.2	9.2	9.3	9.3	9.3	9.2	9.2	9.4	9.7	10.0	10.2	10.1	9.9	9.6	9.4	9.2	9.1	9.0	8.9	8.8	
Gilbert	Buffalo	14	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	
Black Rock	Black	30	3.4	3.4	3.2	3.0	3.0	4.0	3.6	3.5	3.5	3.3	3.2	3.1	3.3	3.8	3.8	3.7	3.6	3.5	3.3	3.2	3.2	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.7	
Camden	Ouachita	28	3.9	3.9	3.9	3.8	3.8	3.9	3.9	4.0	4.1	4.1	4.1	4.6	4.7	4.5	4.7	5.0	4.9	4.5	5.0	4.6	4.1	4.1	4.2	4.4	4.5	4.3	4.3	4.3	4.3	4.3	
Fulton	Red	44	5.2	5.1	5.0	5.0	5.0	4.9	4.9	5.3	5.6	5.9	6.2	7.2	18.6	21.8	21.6	19.6	17.1	14.9	13.4	12.6	12.1	11.6	11.2	10.7	10.1	9.4	8.9	8.5	8.4	8.1	
Helena	Mississippi	48	8.0	7.1	6.4	6.2	6.1	5.8	5.7	5.8	5.9	6.1	6.6	7.2	8.1	8.1	7.8	8.0	8.6	8.4	8.4	9.0	9.9	10.2	10.1	9.7	8.9	8.1	8.2	8.1	7.3	6.9	
Arkansas City	do	48	9.8	9.7	9.3	8.7	8.2	8.0	7.8	7.5	7.3	7.3	7.4	7.7	8.2	9.0	9.5	9.6	10.0	10.6	10.9	10.8	10.9	11.3	11.7	11.8	11.5	11.0	10.2	9.7	9.6	9.1	

Daily Temperatures for September, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	99	95	93	97	96	98	92	86	84	70	75	86	87	82	88	79	85	85	83	87	88	87	87	79	88	90	91	90	94	79		87.3
	Minimum	61	66	68	70	70	68	67	66	68	69	63	62	64	65	55	51	61	59	53	51	51	60	58	60	57	59	61	62	61	65		61.8
Bentonville	Maximum	92	92	90	93	77	80	80	82	75	72	72	75	85	73	81	75	80	75	78	81	84	83	81	80	82	85	86	86	88	64		80.9
	Minimum	65	73	67	67	64	64	64	66	62	50	51	58	60	53	52	57	52	52	51	58	58	57	59	57	57	55	59	61	60	54		58.8
Bee Branch	Maximum	97	95	93	97	89	85	85	86	87	85	82	80	88	87	81	80	89	85	80	84	85	85	85	79	86	90	92	90	94	88		87.0
	Minimum	59	66	63	65	69	66	69	68	67	58	60	60	61	56	47	53	52	53	45	50	58	56	55	61	60	58	59	63	62	67		59.5
Blytheville	Maximum	90	90	92	90	92	86	81	87	90	85	80	78	82	81	82	82	84	81	78	82	83	83	81	81	80	85	87	89	90	85		84.6
	Minimum	66	72	67	68	70	70	69	71	70	64	57	59	68	60	51	61	60	54	47	52	53	54	56	66	61	65	66	68	67	56		62.1
Booneville	Maximum	100	97	93	99	93	83	91	88	86	81	79	77	91	84	84	81	87	81	82	86	87	86	86	81	80	90	92	91	92	86		87.1
	Minimum	67	74	72	69	69	69	66	65	68	61	59	62	59	58	54	58	51	53	55	55	60	59	60	65	57	56	59	61	64	67		61.7
Brinkley	Maximum	94	93	91	95	90	86	81	89	87	80	82	90	88	81	83	82	85	77	79	85	83	85	78	75	85	79	90	89	93	83		85.3
	Minimum	57	65	63	66	71	63	72	69	69	65	57	57	67	61	48	57	62	56	47	48	58	56	52	64	63	63	61	64	65	66		61.1
Calico Rock§§	Maximum	98	96	93	99	89	78	86	79	78	76	72	76	90	79	83	90	86	76	78	77	83	80	85	83	86	87	91	91	94	71		84.3
	Minimum	55	62	62	64	69	68	70	70	68	66	63	64	61	56	48	49	54	49	45	48	52	58	56	60	61	54	55	57	58	63		58.8
Camden§§	Maximum	98	96	95	97	95	95	90	89	92	83	86	93	86	85	87	86	90	84	83	88	87	86	85	77	87	90	92	92	95	90		89.3
	Minimum	57	59	65	70	72	73	70	72	70	69	63	59	61	66	54	55	62	57	49	48	52	54	56	57	52	56	58	60	64	65		60.8
Center Point	Maximum	99	95	97	90	87	92	88	86	83	79	89	91	85	87	81	90	85	84	88	86	86	87	82	88	90	93	91	92	93	86		88.3
	Minimum	67	72	69	69	66	70	70	68	65	61	63	68	63	59	65	64	60	55	55	62	60	61	65	59	64	66	69	67	67	70		64.6
Conway	Maximum	99	97	91	98	85	81	80	87	87	80	80	82	86	80	82	83	84	81	79	85	84	85	86	85	86	89	92	93	93	84		86.1
	Minimum	59	70	67	70	72	70	70	72	69	58	60	62	65	54	52	56	56	55	51	50	60	59	55	57	55	61	61	64	64	68		61.4
Corning	Maximum	96	95	95	93	87	77	81	89	91	82	83	67	86	79	81	85	85	88	75	77	85	86	88	77	87	90	93	91	95	73		85.1
	Minimum	61	71	61	67	71	70	69	68	71	62	52	59	61	56	43	47	52	49	41	50	55	54	47	64	64	57	60	62	59	62		58.8
Dardanelle	Maximum	96	95	93	96	89	84	88	86	84	80	81	76	89	83	..	..	86	88	81	85	86	86	87	82	87	90	96	92	95	87		87.2
	Minimum	60	74	71	72	72	70	68	71	71	61	61	63	63	59	55	56	59	55	53	58	59	58	57	66	63	63	61	63	64	69		63.0
Dumas	Maximum	89	94	94	98	99	97	89	90	96	84	85	96	87	85	89	89	87	83	79	92	86	89	83	87	87	92	90	93	93	91		89.8
	Minimum	59	67	65	61	75	72	74	71	71	70	60	59	70	66	68	60	67	56	50	49	56	56	55	60	60	62	64	65	67	68		68.3
Dutton	Maximum	92	92	86	92	84	78	84	85	81	74	80	68	85	75	77	81	83	79	76	79	81	83	83	78	83	90	90	90	90	66		82.2
	Minimum	55	56	58	59	63	59	57	63	63	52	60	57	55	46	44	47	45	43	48	47	49	49	48	53	50	48	50	52	64	59		53.3
El Dorado	Maximum	99	95	93	96	97	96	90	90	92	86	86	94	85	85	86	88	88	83	81	86	84	85	83	76	84	88	90	91	93	90		88.7
	Minimum	66	69	68	71	75	75	73	72	72	72	68	65	64	67	59	67	68	60	54	55	60	59	59	65	60	67	65	69	69	68		65.9
Eureka Springs	Maximum	97	92	93	95	78	83	83	81	79	77	77	72	78	78	81	76	82	79	78	81	85	85	84	81	86	87	89	90	92	77		83.1
	Minimum	65	74	68	68	65	66	64	66	69	51	51	57	62	53	51	60	55	53	50	57	56	57	56	60	58	59	61	62	64	60		59.9
Fayetteville	Maximum	95	92	91	94	80	84	83	87	80	74	77	74	87	82	80	78	83	78	78	82	87	85	85	83	85	89	92	89	90	82		84.2
	Minimum	63	74	69	68	66	66	63	68	68	52	53	58	62	52	48	57	52	51	53	57	55	54	58	57	55	54	57	59	62	59		59.0
Fort Smith	Maximum	95	93	91	96	81	85	88	89	83	74	77	68	89	78	83	80	86	79	80	80	84	84	82	80	83	88	89	89	91	74		84.1
	Minimum	67	74	71	71	69	68	67	68	67	63	62	62	62	60	56	61	59	58	56	60	61	62	64	65	63	61	63	66	69	64		64.0
Grannis	Maximum	98	95	94	96	98	83	92	95	85	79	87	87	80	96	83	78	94	84	80	86	86	85	86	82	87	89	93	92	93	90		88.4
	Minimum	56	61	66	62	67	65	63	67	66	52	56	58	66	57	49	54	55	51	49	48	46	52	55	59	50	52	56	58	58	65		57.3
Gravette	Maximum	92	91	89	94	73	80	80	81	76	71	69	75	86	80	88	76	80	76	77	78	87	82	81	80	82	85	87	87	87	79		81.6
	Minimum	68	74	68	68	64	62	61	66	65	50	52	57	62	50	51	58	50	53	53	56	57	58	58	57	57	57	59	63	64	56		59.1
Helena	Maximum	96	94	93	94	92	94	82	88	90	78	82	93	84	78	84	84	83	75	77	85	82	82	72	74	82	85	88	86	89	81		84.9
	Minimum	67	69	65	70	72	71	73	70	70	67	60	60	68	62	53	66	64	58	51	56	58	62	58	63	65	63	61	68	67	67		64.1
Hope	Maximum	101	102	100	95	98	90	98	90	82	82	85	94	90	79	92	90	91	88	85	94	91	90	90	90	90	95	96	95	97	89		91.6
	Minimum	58	70	67	73	70	69	70	58	70	67	62	62	65	65	61	54	64	59	51	50	56	56	55	55	55	51	60	61	61	61		61.2
Hot Springs	Maximum	97	92	90	91	98	90	88	89	88	82	86	86	85	85	85	82	86	82	83	85	87	84	83	83	86	90	86	88	86	88		86.9
	Minimum	73	68	68	70	62	70	68	70	63	62	63	69	64	58	55	56	56	54	55	58	56	54	62	61	56	57	60	60	62	60		61.7
Jonesboro	Maximum	95	94	93	93	90	91	87	86	91	82	80	80	85	77	82	82	83	88	76	80	83	82	83	81	82	87	86	88	92	85		85.4
	Minimum	67	70	65	65	64	69	69	71	72	64	61	59	59	60	49	55	59	56	54	53	59	59	56	56	56	56	65	65	65	65		61.4
Lead Hill	Maximum	97	96	95	97	84	80	86	88	85	77	81	74	89	78	82	82	83	76	78	79	85	85	84	85	85	88	89	89	88	78		84.8
	Minimum	56	62	61	63	66	68	66	68	69	54	52	59	65	53	45	50	53	48	45	50	56	53	49	61	66	53	56	56	58	63		57.5
Little Rock	Maximum	93	91	89	92	86	83	84	87	84	78	78	88	88	78	81	82	84	76	79	83	82	82	81	77	83	87	88	86	80	76		83.9
	Minimum	66	72	70	70	75	70	69	72	71	59	63	65	68	64	58	62	65	60	53	55	62	63	61	63	64	65	66	70	66	65		65.1
Lutherville	Maximum	97	97	94	97	87	80	89	88	83	76	85	72	89	84	82	79	87	81	79	83	86	85	86	82	89	90	93	93	94	82		86.8
	Minimum	67	71	68	69	68	68	65	69	68	62	61	60	60	59	52	56	55	55	51	57	61	61	59	64	61	62	64	65	65	67		62.4
Magnolia	Maximum	102	97	95	101	93	95	94	92	90	86	88	93	90	91	87	86	88	88	82	88	75	75	75	69	73	78	82	80	82	80		86.3
	Minimum	65	70	67	70	74	73	71	73	72	73	64	62	65	62	59	65	67	61	54	54	59	58	59	65	62	56	62	65	61	66		64.5
Malvern	Maximum	99	98	94	97	92	90	91	89	90	84	82	90	89	88	88	84	93	84	86	90	88	89	85	85	89	93	94	92	98	89		90.0
	Minimum	58	66	64	68	73	71	68	71	70	66	64	61	69	62	53	54	63	55	50	47	55	55	55	66	56	60	59	63	63	66		61.7
Mammoth Spg	Maximum	92	84	85	88	90	93	78	84	83	87	82	78	71	83	78	78	85	81	77	88	85	82	85	83	80	85	88	91	90	75		83.6
	Minimum	52	54	62	62	60	61	65	68	68	69	58	58	58	59	65	45	53	53	53	60	62	62	63	62	62	62	61	66	72	57		60.0
Marshall	Maximum	97	95	93	97	90	83	88	85	86	79	81	74	87	81	84	84	82	77	81	80	85	85	84	83	85	88	90	90	95	86		85.7
	Minimum	62	71	64	68	65	67	67	67	69	58	56	60	51	51	52	56	56	47	51	56	62	56	49	64	58	54	56	57	58	64		59.0
Mena	Maximum	97	97	92	99	85	82	87	85	82	76	74	83	88	79	83	76	85	81	81	85	84	84	83	80	83	85	88	87	86	79		84.6
	Minimum	61	69	68	68	68	66	65	65	65	62	59	63	62	60	53	59	57	58	53	51	57	56	59	62	55	57	59	60	63	66		60.8
Mount Ida	Maximum	98	91	92	97	88	81	89	85	85	78	77	85	89	83	83	77	89	82	81	87	86	85	87	79	85	88	92	91	93	77		86.1
	Minimum	52	66	64	63	69	57	65	67	67	62	58	61	63	54	47	54	55	44	47	46	52	52	52	61	58	52	55	56	58	56		57.8
Newport	Maximum	95	95	94	98	89	84	82	90	92	85	84	75	91	82	86	92	89	79	80	84	86	86	80	78	87	91	93	91	98	86		86.9
	Minimum	61	68	66	66	73	67	62	70	72	62	56	56	66	60	48	53	58	55	45	52	59	60	53	63	64	61	61	64	62	66		61.0
Pine Bluff	Maximum	97	95	92	92	92	91	85	89	88	84	82	93	88	83	88	85	86	81	83	87	84	84	82	79	83	89	91	94	92	84		87.4
	Minimum	61	69	68	69	77	71	72	72	71	69	62	63	71	67	54	60	67	61	53	54	60	60	58	64	64	64	65	68	68	69		65.0
Pocahontas	Maximum	93	92	90	94	86	84	83	86	90	84	81	73	86	80	80	83	85	75	75	75	81	84	84	77	82	88	91	89	91	86		84.2
	Minimum	65	65	61	65	69	70	70	70	70	62	56	60	64	56	45	51	52	55	44	52	56	57	54	65	62	63	64	65	62	66		60.6
Portland	Maximum	92	90	88	93	94	91	88	91	90	85	88	88	82	82	85	88	87	81	78	81	79	81	78	75	81	84	88	85	88	87		85.6
	Minimum	61	64	65	67	71	70	73	72	69	72	62	61	67	63	55	65	68	59	51	53	56	57	57	63	63	62	64	66	68	69		63.8
Prescott	Maximum	99	98	99	98	96	93	95	97	94	86	81	91	86	87	84	86	90	89	87	92	90	94	89	87	89	87	87	89	91	86		90.6
	Minimum	64	66	67	72	73	69	67	69	71	69	62	63	64	65	62	58	62	60	58	52	55	57	56	58	56	58	57	59	62	63		62.5
Rison	Maximum	100	97	94	99	95	96	90	91	96	91	88	93	91	85	87	85	90	87	85	89	89	87	85	84	87	90	94	95	95	89		[illegible]
	Minimum	60	68	66	70	75	72	70	71	72	70	62	61	67	66	55	61	66	59	50	53	59	60	57	62	60	68	64	66	64	68		63.[illegible]
Searcy	Maximum	96	95	91	94	91	85	83	86	90	82	81	82	88	81	83	81	87	78	80	85	83	84	82	75	84	88	90	88	94	82		85.6
	Minimum	56	64	62	64	72	68	61	70	69	59	60	59	64	51	48	53	58	56	47	48	59	59	52	59	64	60	60	63	62	65		59.7
Stuttgart	Maximum	100	97	95	96	95	90	83	91	90	82	83	93	89	82	86	83	86	78	81	88	84	85	77	80	84	90	91	91	98	86		87.6
	Minimum	58	68	66	68	72	70	69	70	70	65	59	60	68	63	57	59	62	55	50	60	59	58	55	61	64	61	61	65	64	66		62.7
Texarkana	Maximum	100	96	91	96	95	90	93	88	88	81	86	91	87	84	85	84	86	84	80	87	86	84	87	82	85	81	84	89	91	90		87.8
	Minimum	65	65	61	64	65	64	62	69	62	63	52	60	65	65	56	60	63	60	60	54	55	57	54	58	55	56	58	57	63	64		60.4
Thornburg	Maximum	95	93	92	95	86	83	84	83	82	71	78	85	89	79	82	81	84	78	80	83	83	84	83	81	85	88	89	89	91	74		84.3
	Minimum	51	70	66	67	68	64	62	68	67	58	54	55	60	59	46	51	50	45	47	44	52	51	45	62	54	56	58	55	55	59		56.6
Warren	Maximum	92	91	89	93	92	90	88	85	87	85	82	88	86	81	80	84	84	83	77	82	82	82	80	77	80	84	88	87	89	86		85.1
	Minimum	61	65	58	70	77	77	74	72	71	71	64	64	66	68	56	65	68	59	54	53	59	60	60	64	61	64	65	67	88	76		65.0
Wilson	Maximum	91	96	91	90	87	86	78	89	89	83	78	83	83	76	81	81	80	72	74	83	83	79	76	76	78	84	85	89	88	81		82.8
	Minimum	68	69	64	67	69	67	66	70	70	68	56	57	59	60	47	57	60	55	44	50	56	54	53	64	64	59	64	64	66	64		61.0
Wynne	Maximum	98	95	94	92	88	87	84	89	91	85	82	91	86	79	83	80	82	75	79	85	85	84	78	73	81	90	89	91	93	80		86.0
	Minimum	58	70	66	68	72	75	68	71	70	65	58	60	72	60	52	59	64	56	46	52	62	60	57	64	63	61	62	66	65	64		62.9

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

Weather Bureau, Little Rock, Ark., 10-25-29--980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., OCTOBER, 1929 No. 10

GENERAL SUMMARY

The mean temperature for the State, as determined from the records of 58 stations, was 62.2° which is normal, the number of stations with positive and negative departures being practically the same. Monthly means ranged from 56.2° at Dutton to 66.6° at El Dorado, a difference of 10.4° between northwestern and southern sections of the State. Extremes ranged from 93° at Hope on the 17th to 19° at Dutton on the 25th. The highest occurred in most localities about the 17th or 18th and the lowest on the 24th or 25th. Freezing temperatures and heavy to killing frost were reported over the greater part of the State on the 24th and 25th, but in some localities vegetation was not killed.

The average precipitation, as determined from the records of 88 stations, was 4.29 inches which is 1.32 inches above normal. Negative departures were recorded at fifteen scattered stations in northeastern and southern counties, positive at all others. The greatest monthly total was 9.33 inches at Marshall, the least, 1.11 inches at Paragould. Normally October is a dry month in Arkansas and was this year until the last three or four days of the month when most localities reported heavy to excessive rains. Rainfall was excessively heavy at Little Rock on the 30th, previous intensity records for October being broken for all intervals from 5 minutes to two hours and the 15 minute amount, 1.16 inches, is the greatest on record at the Little Rock station. Storm sewers were inadequate and considerable damage resulted in the down-town district. The greatest amount measured for any 24 hour period was 4.96 inches at Gravette on the 11th. The average number of rainy days was 7.

The weather of the month as a whole was favorable for picking cotton, gathering corn, harvesting rice, and other fall farm activities. At the close of the month cotton picking was nearer completed than usual and corn was practically all matured and beyond frost damage. The streams of the State were at low stages most of the month.

W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:--3d, 9; 4th, 30; 5th, 5; 6th, 1; 8th, 1; 9th, 1; 10th, 14; 11th, 11; 12th, 7; 13th, 4; 18th, 1; 19th, 5; 20th, 9; 21st, 1; 28th, 5; 29th, 1; 30th, 23; 31st, 22.

DENSE FOG:------1st, 1; 3d, 1; 4th, 1; 5th, 1; 6th, 2; 7th, 2; 13th, 3; 14th, 4; 15th, 3; 16th, 2; 28th, 1; 29th, 1; 30th, 2.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	30.04	30.28	8	29.51	28	3,031	28	n.	20	......	......	66
Fort Smith	30.03	30.28	8	29.50	28	4,593	24	nw.	20	84	64	58
Little Rock	30.04	30.30	8	29.59	28	5,076	26	nw.	23	77	58	59
Memphis	30.05	30.35	11	29.69	28	4,284	25	n.	20	82	68	60

COMPARATIVE DATA FOR OCTOBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**62.2**		**101**		**12**		**2.97**		**18**	**6**	**7**	**5**
1891	60.4	−1.8	92	1	27	23	0.65	−2.32	25	4	2	2
1892	63.8	+1.6	92	3	27	26	3.26	+0.29	16	7	8	6
1893	60.5	−1.7	99	1	23	29	1.30	−1.67	24	4	3	3
1894	63.0	+0.8	96	28	24	21	1.52	−1.45	22	5	4	3
1895	57.1	−5.1	95	9	21	29	1.44	−1.53	19	6	6	4
1896	60.8	−1.4	98	4	25	18	3.59	+0.62	18	5	8	6
1897	67.6	+5.4	99	3	28	30	2.01	−0.96	21	6	4	3
1898	60.0	−2.2	100	4	23	26	5.44	+2.47	16	7	8	8
1899	65.6	+3.4	101	13	28	31	2.88	−0.09	19	7	5	5
1900	66.0	+3.8	97	6	32	10	4.31	+1.34	14	10	7	6
1901	63.7	+1.5	95	1	27	14	2.07	−0.90	18	9	4	4
1902	62.5	+0.3	90	9	27	28	2.68	−0.29	18	9	4	4
1903	60.9	−1.3	97	2	26	24	2.22	−0.75	17	8	6	4
1904	62.5	+0.3	100	5	20	20	0.94	−2.03	23	5	3	2
1905	61.1	−1.1	92	7	23	21	4.49	+1.52	15	11	5	7
1906	58.2	−4.0	94	22	25	31	2.38	−0.59	18	5	8	6
1907	61.9	−0.3	96	2	23	13	3.03	+0.06	16	7	8	6
1908	59.2	−3.0	93	14	24	28	0.48	−2.49	21	6	4	2
1909	63.0	+0.8	98	5	24	12	2.15	−0.82	21	6	4	3
1910	62.9	+0.7	96	1	16	29	5.19	+2.22	21	5	5	6
1911	62.7	+0.5	101	12	25	22	1.67	−1.30	14	9	8	5
1912	63.8	+1.6	96	7	22	23	2.97	0.00	18	8	5	4
1913	60.1	−2.1	95	6	18	30	5.41	+2.44	13	9	9	9
1914	63.0	+0.8	93	6	21	28	1.74	−1.23	13	8	10	5
1915	63.4	+1.2	94	16	26	9	2.83	−0.14	22	4	5	4
1916	62.8	+0.6	96	7	21	21	2.30	−0.67	21	4	6	4
1917	56.6	−5.6	99	4	12	30	1.89	−1.08	21	5	5	5
1918	65.6	+3.4	100	5	30	31	3.99	+1.02	13	5	13	8
1919	66.6	+4.4	98	2	33	19	10.90	+7.93	6	5	20	14
1920	64.2	+2.0	93	18	25	28	4.39	+1.42	16	6	9	7
1921	61.6	−0.6	96	19	27	8	0.72	−2.25	23	4	4	3
1922	63.1	+0.9	98	4	20	18	1.47	−1.50	18	6	7	4
1923	59.2	−3.0	94	1	20	23	3.53	+0.56	12	9	10	7
1924	64.9	+2.7	96	12	21	25	0.29	−2.68	24	4	3	1
1925	58.7	−3.5	98	1	13	31	7.73	+4.76	12	5	14	10
1926	64.9	+2.7	99	2	23	25	5.77	+2.80	15	5	11	8
1927	66.0	+3.8	100	26	30	13	3.13	+0.16	22	4	5	5
1928	66.3	+4.1	100	9	27	23	4.74	+1.77	16	7	8	8
1929	62.2	0.0	93	17	19	25	4.29	+1.32	15	7	9	7

Corrections: September, 1929

Story, days with 0.01 inch or more should be 5.

Climatological Data for October, 1929

Stations	Counties	Elevation, feet	Length of record, years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	34	62.6	-0.2	87	17	32	24†	37	5.18	+2.20	2.24	0.0	6	11	16	4	n.	J. W. Campbell
Arkadelphia	Clark	250	33	....	....	....	....	....	....	....	5.07	+2.24	1.85	0.0	8	18	8	10	n.	W. K. Brown
Arkansas City	Desha	145	45	....	....	....	....	....	....	....	2.80	+0.60	2.05	0.0	4	15	3	13	....	J. H. Catham
Arlberg	Stone	700	7	....	....	....	....	....	....	....	5.18	....	3.27	0.0	7	15	9	7	ne.	J. D. Reeves
Batesville	Independence	277	30	59.3	-1.9	83	14†	26	25	45	4.15	+1.29	1.98	0.0	7	18	3	10	w.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	61.7	-0.9	88	17	28	25	42	3.63	+0.81	2.48	0.0	5	11	10	10	s.	J. E. Scanlan
Bentonville	Benton	1303	24	58.4	+0.4	81	18	31	25	33	5.92	+3.11	1.85	0.0	11	16	9	6	se.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	....	....	....	....	....	....	....	5.48	+2.91	1.80	0.0	7	18	1	12	s.	Vernon C. Howe
Blytheville	Mississippi	252	4	63.6^{a}	....	87^{a}	16	35^{a}	24	39^{a}	2.32	....	1.50	0.0	7	10^{a}	10^{a}	10^{a}	n.	B. E. Smith
Booneville	Logan	465	15	63.1	-0.2	85	16†	30	25	44	3.54	+0.65	1.10	0.0	10	14	6	11	w	F. H. Randolph
Brinkley	Monroe	205	42	62.8	+0.7	87	17	28	24†	45	3.38	+0.46	1.13	0.0	7	17	5	9	se.	R. J. Terry
Calico Rock	Izard	361	25	58.8	-1.4	86	16†	28	24†	50	5.87	+3.36	2.87	0.0	8	10	14	7	se.	W. J. Copp
Camden	Ouachita	198	44	62.9	-0.8	88	17†	27	24	47	1.61	-1.17	0.63	0.0	8	14	4	13	ne.	A. B. Quarterman
Center Point	Howard	170	30	65.6	+2.0	89	17	29	24	34	3.92	+1.06	2.00	0.0	11	12	11	8	se.	John C. Floyd
Clarendon	Monroe	200	25	....	....	....	....	....	....	....	3.22	+0.18	1.01	0.0	6	13	5	13	n.	J. W. Bishop
Clinton	Van Buren	516	8	....	....	....	....	....	....	....	5.01	....	3.44	0.0	6	12	9	10	w.	A. L. Stephens
Conway	Faulkner	309	46	63.6	+0.5	87	17	30	25	43	4.05	+1.40	2.20	0.0	6	20	5	6	w.	E. E. Cordrey
Corning	Clay	233	36	60.6	+1.6	85	16	27	25	46	2.21	-1.06	1.00	0.0	5	18	3	5	w.	Winfred D. Polk
Corning (river)	Clay	289	5	....	....	....	....	....	....	....	2.31	....	1.08	0.0	8	18	6	7	....	Henry Stafford
Cotter	Marion	408	2	....	....	....	....	....	....	....	5.65	....	3.65	0.0	8	13	6	12	s.	J. O. Linck
Crossett	Ashley	175	14	64.9	-0.2	89	17†	31	24	39	3.49	+0.19	2.94	0.0	5	17	4	10	ne.	G. A. Gifford
Danville	Yell	327	13	....	....	....	....	....	....	....	5.97	+2.16	4.05	0.0	6	16	5	10	e	C. G. Hudson
Dardanelle	Yell	339	43	62.4	-0.6	87	16	30	23	45	6.75	+4.11	4.00	0.0	10	10	19	2	w.	Geo. N. Goodier
De Valls Bluff	Prairie	153	2	....	....	....	....	....	....	....	3.17	....	0.91	0.0	6	17	1	13	....	H. G. Fate
Dumas	Desha	162	23	65.0	-0.2	88	18	32	24	42	3.78	+0.50	2.45	0.0	5	10	14	7	n.	Ben Johnson
Dutton	Madison	1580	26	56.2	-1.9	85	17	19	25	46	4.49	+1.49	2.30	0.0	9	13	10	8	s.	J. M. Ricketts
El Dorado	Union	270	28	66.6	+1.8	89	18	36	24†	34	1.38	-0.45	0.50	0.0	8	15	5	11	n.	J. J. Babb
England	Lonoke	229	22	61.3	+1.1	89	17	33	24	41	3.53	+0.65	1.36	0.0	8	15	6	10	n	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	29	60.6	+0.3	84	17	32	25	33	7.35	+4.32	1.39	0.0	11	11	7	10	nw.	Geo. W. Nicholals
Fayetteville	Washington	1351	42	60.0	-0.9	86	17	27	25	38	6.00	+2.81	1.98	0.0	12	12	10	9	sw.	University of Arkansas
Fort Smith	Sebastian	457	48	62.8	0.0	83	17	34	24	56	4.09	+1.10	1.67	0.0	11	12	9	10	e	U. S. Weather Bureau
Freeman Springs	Pope	2240	5	....	....	....	....	....	....	....	5.40	....	3.15	0.0	9	13	8	10	sw.	J. R. McCuiston
Fulton	Hempstead	260	43	....	....	....	....	....	....	....	2.38	+0.01	1.24	0.0	5	16	1	14	....	T. J. Logan
Georgetown	White	200	17	....	....	....	....	....	....	....	2.74	-1.39	0.91	0.0	7	14	2	15	....	W. R. Owens
Gilbert	Searcy	675	6	....	....	....	....	....	....	....	6.02	....	4.05	0.0	6	15	9	7	....	Ben F. Battenfield
Grannis	Polk	900	10	62.4	....	88	17	33	24†	41	6.14	....	2.20	0.0	13	13	8	10	s.	W. E. McVay
Gravette	Benton	1250	32	59.4	-0.6	87	16	27	25	34	8.62	+5.58	4.96	0.0	10	13	7	11	sw.	A. F. Stevens
Harrison	Boone	1052	28	57.6^{c}	-3.9	90^{c}	17	25^{c}	25	48^{c}	4.77	+2.08	2.04	0.0	9	10^{c}	7^{c}	9^{c}	....	G. L. Wright
Helena	Phillips	250	57	63.4	+0.9	89	19	31	24†	36	5.53	+2.97	2.50	0.0	8	14	8	9	n.	James A. Burnett
Higden	Cleburne	445	11	....	....	....	....	....	....	....	4.18	....	2.68	0.0	7	15	9	7	s.	Geo. W. Baker
Hope	Hempstead	377	58	66.2	+0.6	93	17	33	25	40	2.20	-1.15	1.00	0.0	8	15	8	8	n.	N. P. O'Neal
Hot Springs	Garland	600	38	65.9	+2.0	88	10†	33	24†	38	4.14	+1.03	1.96	0.0	5	22	6	3	....	G. C. Bolton
Index‡‡	Little River	275	4	....	....	....	....	....	....	....	1.60	....	0.54	0.0	5	19	0	12	....	H. G. Sanderson
Jessieville††	Garland	750	3	....	....	....	....	....	....	....	5.86	....	2.38	0.0	7	12	8	11	....	U. S. Forest Service
Jonesboro	Craighead	345	34	62.6	+0.1	85	16	35	25	35	3.93	+0.60	2.80	0.0	7	18	5	8	sw.	Benedictine Sisters
Junction‡‡	Union	182	35	....	....	..	..	..	..	..	....	....	....	....	..	..	..	..	....	J. A. Lowderback
Lead Hill	Boone	650	2	58.9	....	85	17	24	25	48	4.80	....	2.04	0.0	12	16	7	8	s.	J. H. Crosswhite
Little Rock	Pulaski	357	50	64.1	+0.5	85	17	38	24	29	4.76	+2.05	3.15	0.0	8	13	7	11	e.	U. S. Weather Bureau
Lurton	Newton	2100	4	58.6	....	82	17	31	24	26	8.42	....	3.35	0.0	13	15	7	9	n.	I. C. Sutton
Lutherville‡‡	Johnson	775	31	62.0	+0.2	87	17	30	24	36	5.31	+2.63	3.07	0.0	11	14	4	13	ne.	H. G. Lenhardt
Magnolia	Columbus	315	10	61.3	....	82	30	31	24	29	1.68	....	0.64	0.0	4	10	12	9	n.	State Agri. School
Malvern	Hot Springs	277	42	64.2	+1.4	89	17	27	24	42	5.57	+2.86	3.22	0.0	9	15	9	7	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	24	60.4	+2.0	84	16	26	25	48	2.84	-0.01	2.34	0.0	4	18	7	6	....	W. C. Gregg
Marianna	Lee	235	17	62.2	-1.4	82	17	33	25	32	4.31	+0.62	1.38	0.0	5	21	5	5	s.	C. N. Houck
Marked Tree	Poinsett	229	24	60.0	-1.7	85	16	31	25	36	4.08	-0.18	2.62	0.0	7	12	12	7	s.	Charles Walton
Marshall	Searcy	1079	15	60.1	-1.4	85	17†	27	25†	45	9.33	+6.02	4.75	0.0	8	16	1	14	sw.	A. J. Parks
Mena	Polk	1185	41	61.4	-1.4	81	16†	29	24	31	6.02	+2.65	2.00	0.0	12	14	11	6	n.	E. W. St. John
Morrilton	Conway	327	8	62.6	....	87	17	34	25	40	4.80	....	3.20	0.0	7	13	12	6	ne.	John Cook
Mountain Home††	Baxter	800	15	53.8	-5.5	71	11	28	25	24	7.92	+4.47	4.70	0.0	6	13	1	17	w.	B. S. Halbert
Mount Ida	Montgomery	650	30	60.8	-0.5	86	17	24	24	47	3.97	+0.32	1.80	0.0	8	14	4	13	n.	G. A. Whittington
Newport	Jackson	231	45	63.2	+1.8	83	16	33	24†	38	2.99	+0.32	1.31	0.0	7	14	7	10	n.	A. C. Wilkerson
Norman	Montgomery	750	2	....	....	....	....	....	....	....	3.88	....	2.30	0.0	6	15	8	8	....	U. S. Forest Service
Oden	Montgomery	806	3	....	....	....	....	....	....	....	4.75	....	3.00	0.0	3	10	6	15	se.	U. S. Forest Service
Osceola††	Mississippi	240	31	62.0	+0.4	87	16	35	23†	40	4.17	+1.92	2.00	0.0	6	17	6	8	s.	June Thomason
Ozark	Franklin	396	33	61.3	-2.3	85	17†	27	25	40	6.02	+3.17	4.00	0.0	9	17	3	11	se.	Orkney O. Milton
Paragould	Greene	301	3	....	....	....	....	....	....	....	1.11	....	0.53	0.0	5	17	7	7	se.	W. R. Heagler
Patterson	Woodruff	196	13	....	....	....	....	....	....	....	3.55	-0.64	1.32	0.0	4	21	0	10	s.	W. E. Baker
Piggott	Clay	397	5	....	....	....	....	....	....	....	2.51	....	1.00	0.0	5	16	1	14	sw	V. C. Wright
Pine Bluff	Jefferson	215	42	65.6	+3.0	90	17	36	24†	38	2.67	+0.06	1.05	0.0	9	16	3	12	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	56	61.8	-1.1	85	16	30	26	45	4.02	+1.20	1.77	0.0	6	14	6	11	sw.	Benedictine Sisters
Portland	Ashley	122	23	64.0	-0.8	84	17†	31	25	39	3.85	+1.41	3.12	0.0	5	14	7	10	s.	W. E. Edmiston
Prescott	Nevada	329	41	65.4	+1.0	88	18	35	24†	34	5.10	+2.61	1.68	0.0	9	15	0	16	n.	C. D. Calhoun
Princeton	Dallas	287	25	....	....	....	....	....	....	....	2.32	-0.46	1.15	0.0	5	23	0	8	....	Mrs. Dora Coleman
Rison	Cleveland	243	28	66.2	+2.6	90	18	33	24	41	2.87	-0.01	1.27	0.0	5	15	7	9	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	59.4	-0.2	85	17	25	25	41	6.00	+3.19	2.15	0.0	8	11	9	11	w.	Carl A. Starck
Saratoga	Howard	288	1	65.0	....	91	17	29	25	40	8.36	....	2.00	0.0	10	8	13	10	e.	Frank K. Hensley
St. Francis	Clay	290	2	....	....	....	....	....	....	....	2.28	....	0.94	0.0	7	20	0	11	....	S. T. Rooney
Searcy	White	236	20	62.8	+1.5	88	17	28	24†	46	2.87	-0.32	0.87	0.0	9	18	2	11	ne	Arthur D. Smith
Springbank‡‡	Miller	240	22	....	....	....	....	....	....	....	2.05	-1.01	0.92	0.0	6	18	0	13	....	Miss Grace Field
Story	Montgomery	700	5	....	....	....	....	....	....	....	4.79	....	2.30	0.0	10	16	6	9	n.	S. C. Story
Stuttgart	Arkansas	228	42	63.8	+1.0	90	17	31	25	39	4.05	+1.12	1.45	0.0	8	13	8	10	se.	Adam F. Buerkle
Subiaco	Logan	1050	32	62.2	-1.2	84	17	34	24	40	5.44	+2.35	2.82	0.0	12	13	7	11	s.	New Subiaco Abbey
Texarkana	Miller	332	43	64.5	+0.2	89	17	31	24	41	1.86	-0.85	0.75	0.0	4	15	5	11	n.	H. S. Brashear
Thornburg	Perry	650	5	59.0	....	86	17	25	25	51	5.14	....	2.42	0.0	9	14	6	11	s.	Edward E. Holmes
Waldron	Scott	675	10	....	....	....	....	....	....	....	5.14	....	1.87	0.0	10	8	5	18	nw.	Dr. Cheves Bevill
Warren	Bradley	206	35	65.1	+1.3	84	16	36	25	33	3.29	-0.20	2.00	0.0	5	17	6	8	nw.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	....	....	....	....	....	....	....	6.17	....	3.54	0.0	7	12	5	11	sw.	J. R. Huddleston
Whitecliffs	Little River	290	25	....	....	....	....	....	....	....	4.55	+1.57	2.76	0.0	5	13	5	13	e.	Nannie O. Schirmer
Wilson	Mississippi	237	4	60.2	....	84	16†	32	26	41	4.05	....	2.35	0.0	4	18	7	6	s.	D. Anderson
Winslow	Washington	1734	14	58.4	-1.0	82	17	25	25	39	5.10	+0.54	1.60	0.0	12	7	18	6	s.	O. H. Black
Wynne	Cross	250	21	62.8	-0.2	85	14	29	25	40	3.84	-0.05	2.01	0.0	5	16	9	6	.	R. T. Cobbs
Yancopin	Desha	167	5	....	....	....	....	....	....	....	3.92	....	3.07	0.0	7	11	7	13	....	W. E. Barton
State Means and Extremes				62.2	0.0	93	17	19	25	51	4.29	+1.32	4.96	0.0	7	15	7	9	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for mean and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route 5, Texarkana, Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for October, 1929

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita				.93								1.30		.23						.22								.26			2.24	5.18
rkadelphia	Ouachita				.70	.58							.03	.10	.72														.98	.11		1 85	5.07
rkansas City	Mississippi				.10	.63															.02								T.			2.05	2.80
rlberg	White				.53							.10	.14	.05							.31								.78			3.27	5.18
atesville	White				60	.40					T.	T.	T.									.43							.42	.30	.02	1.98	4.15
ee Branch	Arkansas				.62							T.	.10		T.					T.	.38								.05		T.	2.48	3.68
entonville ***	Arkansas				.61	T.			.05		.81	1.67	.18							.50	.05							.15	1.23	T.	.26	.38	5.92
lack Rock	White				.82	1.26							T.									.52						.48	.48	.52	.08	1 80	5.48
lytheville	Mississippi					.02	1.50															.26							.22	01	.01	.80	2.82
ooneville	Arkansas			T.	.61						.02	.43	.61	.10	.15						.11							.01	.40	T.	1.10		3.54
rinkley	White				.80	1.13	.01															.03							.37		.04	1 00	3.38
alico Rock	White				.77	.27						1.00									T.	.39							.27	.27	.03	2.87	5.87
amden	Ouachita				.09	.40									.07	.10						.02							.31	.02		.63	1.64
enter Point	Red			.06	.35	.46							.09		.25					.19	.12							.10	.24		.06	2 00	3.92
larendon	White				82	1.01																.07							.39		.02	.91	3.22
linton	White				.44								.11	.05							.17								.80			3.44	5.01
onway	Arkansas				.71	.09									.27						.30								.48			2.20	4.05
orning	White				1.00																								.13	.37	.03	.68	2.21
orning (river)	White					1.08																								.48	T.	.75	2.31
otter	White				.70	.10				T		.20	.10								T.	.20							.55	.15	T	3 65	5.65
rossett	Ouachita				.14	.16										T.						.02							.23			2.94	3.49
anville	Arkansas				.25	.87						.17	.22		.41														T			4.05	5 97
ardanelle	Arkansas				.64	.16						.03	.18	.84							.02	.40							.40	.08		4.00	6 75
e Valls Bluff	White				.91	.81																.15							.48	T.	.06	.76	3.17
umas	Mississippi				50	.39																							.42		.02	2.45	3.78
utton	White				T.						.32	.22	.02	.14	.03					T.	.16							T.	1.06		.24	2.30	4.49
l Dorado	Ouachita				.18	.10										.22						.10							.24	.03	.01	.50	1.38
ngland	Arkansas				1.36	.46					.03				.05						.36								.43		03	.81	3.53
ureka Springs	White				.23	1.07				.08	.74	1.34	.10								.42	.10							1.39		1.00	.88	7.35
ayetteville	White				.09	.22				T.	1.02	.31	.13	.06							.15	.04						.01	1.39		1.98	.60	6.00
ort Smith ***	Arkansas			T	.06	T.					1.67	T.	.15	.14	.10					.03	.04							.72	.69		.40	.09	4.09
reeman Sprgs	Arkansas				.28	.08						.71	.23								.05	.03							.40	.47	T.	3.15	5.40
ulton	Red			T.	.52	.22										.12					T.							T.	.28		T.	1.24	2.38
eorgetown	White				.91	.66						T										.07							.22	.10	.06	.72	2.74
ilbert	White					.57					T.	80			T.						.03	.42							.15			4.05	6.02
rannis	Red				11	.23	.24				.11	T	1.34	.02	.12					.10	.12							.04	.75		2.20	.76	6.14
ravette	Arkansas				.29	02				.05	.82	4.96	.81								.14							T.	1.09	.01	.12	.31	8.62
arrison	White				.48	.23					.07	.95								T.	.03	.10							.75		.12	2.04	4.77
elena	Mississippi				.57	1.72	.02															.20							.40	.02	.10	2.50	5.53
igden	White				.75									.02	.03						.04								.61		.05	2.68	4.18
ope	Red			.05	.16	.50							T.	T	.20						.02							.07	.20			1.00	2.20
ot Springs	Ouachita			.42	.30									.26															1.20		T.	1.96	4.14
ndex	Red			T.	.52										.28						.03								.23	T.	54		1.60
essieville	Ouachita				1.23								.16	1.00	50						.16							T.	.43		T.	2.38	5.86
onesboro	White				10	2.80																.36							.21	.17	.21	.08	3 93
unction	Ouachita																																
ead Hill	White				.46	.08				.02	.24	.91	.06							.03	.18	.09						T.	.72		.02	2.04	4.80
Little Rock ***	Arkansas			.04	.90								T.	.11	.03						.02							T.	.48	T.	2.66	.52	4.76
urton	White				.41	.01					.79	.50		.04	.01					.08	.20	.02							1.00	.01	2.00	3.35	8.42
utherville	Arkansas				35	.09					.13	.28	.67	.12							.19							.01	.64		.76	3.07	6.31
agnolia	Red				.30	.64									.29														45		T.		1 68
alvern	Ouachita				.21	.78							.11	.17	.49							.09							.40	.10		3.22	5.57
ammoth Spg.	White					.12																.08							T	.30		2.34	2.84
arianna	Mississippi				.83	.39																.95							.26			1.88	4.31
arked Tree	Mississippi				.22	2.62																.08							.29	.09	.08	.70	4.08
arshall	White			.60		.18					1.95	.31								T.	1.05	.05							.44			4.75	9.33
ena	Ouachita			.05	.32	.39						1.04	.65	T.	.34					16	.14	.05							.78	.10		2.00	6.02
orrilton	Arkansas				.45	.25									.30							.30							.20	.10		3.20	4.80
ountain Home	White				.83						.51	.90									.33								.65		T.	4.70	7.92
ount Ida	Ouachita				.55	.30						.41			.21						.06								.29		.35	1.80	3.97
ewport	White				.52	1.31																.16							.36	.31	.02	.31	2 99
orman	Ouachita			T.	.70									T.	.25					.10	.13								.40			2.30	3.88
den	Ouachita				.75									1.00															T.		3.00		4 75
sceola	Mississippi				.10	2.00																.70							.25	.05		1.07	4.17
zark	Arkansas				.22	.11						.71	.10	T.	.30							.04							.40	.14		4.00	6.02
aragould	Mississippi				.53																.06								.31	.12		.09	1.11
atterson	White				1.04	1.32																							.46			.73	3.55
iggott	Mississippi				.93	T.															1.00								.29		.08	.21	2.51
ine Bluff	Arkansas				26	.50						.11			.20							.05							.41	.07	.02	1.05	2.67
ocahontas	White				1.10	.04				.03											.23								.85			1.77	4.02
ortland	Ouachita				.14	.37																.02							.20			3.12	3.85
rescott	Ouachita				.08	.64									1.68	.63					.08							.16	.04		1.31	.48	5.10
rinceton	Ouachita				1.15	20									.15							.26										.56	2.32
ison	Ouachita				.80										.25							.08							.47		T	1.27	2.87
ogers	White				.71					.11	1.19	.96		T.							.31	T.						T.	1.46		.85	.41	6.00
aratoga	Red			.21	.11								.18		.32					.15	.03							.07	.25	.04		2.00	3.86
t. Francis	Mississippi				.10	94																.58							.10	.24	.04	.28	2.28
earcy	White				.63	.87						05			.01							.20							.39	.10	.04	.58	2.87
pringbank	Red			T.	.55	.05									.04							T.							.47	.02		.92	2.05
tory	Ouachita			.05	.80							.40		.40						.12	.15							.30	.10		2.30	.17	4.79
tuttgart	Arkansas			.20	1.45																.16							.45	.04	.03	1.30	.42	4.05
ubiaco	Arkansas				.65	.01					.01	.93	.28	.05	.30						.19							.03	.14		.03	2.82	5.44
exarkana	Red				.75										.30														.63			.18	1.86
hornburg	Arkansas				.60	.45							.03	.32	.51						39								.40		.02	2.42	5.14
aldron	Arkansas			.09	.47						.92	T.	.43	.45	.22					T.	.09		T.					.04	.56			1 87	5.14
arren	Ouachita				.60	.13						.13										T.							.43		T.	2.00	3.29
aters	Ouachita				.31	.43					.61		.76	.11															.41			3.54	6.17
hitecliffs	Red			T.	.40	T.							T.	.24	T.					T.	.48								.67	T.		2.76	4.55
ilson	Mississippi					2.35																.45							.25			1.00	4.05
inslow	Arkansas				.21	.05					1.07	.13	.11	.18	.04						.55	.02						T.	1.60		.79	.35	5.10
ynne	Mississipp				2.01	30															T.	.25							.30			.98	3.84
ancopin	Arkansas				.18	.38																.06							.20	.01	.02	3.07	3.92

Daily River Stages for October, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.4	2 3	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.3	2.6	5.5	10.7	12.6	11.2	9.7	7.7	5.9	4.8	4.5	4.0	3.6	3.4	3.3	3.2	3.0	3.2	3.1	3.3	4.4
zark	do	22	0.3	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	-0 2	-0.3	-0.3	0.3	5 0	9.0	9 5	7.5	7.0	4.4	3.4	2.2	1.8	1.4	1.2	1.1	1.0	1.0	1.0	0.8	0.6	0.6
Dardanelle	do	20	4.5	4.5	4.2	4.0	4.1	4.1	4.0	4.1	4.0	4.0	4.0	4.1	4.2	8.4	11.0	10.6	9.5	7.7	6.8	5.7	5 3	5.0	5.0	4.6	4.6	4.6	4.5	4.3	4.5	5.2	5.2
Morrilton	do	20	1 2	1.1	1.0	1 0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.5	1.0	7.0	7.8	6.5	5.5	4.6	2.5	2 0	2.0	1.5	1 4	1.2	1.0	1.0	0.8	0.6	1.0
Little Rock	do	23	-0.2	-0 3	-0.3	-0.4	-0.4	-0.5	-0.5	-0.6	-0.9	-0.9	-0.8	-0.8	-0.8	-0.7	-0.2	0.5	7.7	7.9	6.6	5.2	4.0	2.9	1.9	1.0	0 6	0.3	0.0	-0.1	-0.2	-0.3	-0.1
Pine Bluff	do	25	4.8	4 7	4.6	4.4	4.4	4.4	4.3	4.3	4.2	4.1	4.1	4.0	4.0	4.0	4.0	4.4	7.0	11.4	10.9	9.9	8.9	8.8	7.8	7.0	6.8	6.2	6.0	5.8	5.6	5.4	5.3
Yancopin	do	29	7.3	7.3	7.2	7.1	6.9	6.8	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.1	6.0	6.2	6.4	7.1	16.4	17.1	15.8	14.3	12.7	11.4	10.2	9.2	8.5	8.0	7.7	7.4	7.4
Danville	Petit Jean	20	0.4	0.4	0.4	0.4	1.2	1.1	1.1	1.0	1.0	0.9	1.0	1.2	1.4	1.5	1.0	0.9	0.9	0.8	0.8	0 8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	7.4

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	18	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	1.1	1.0	1.1	1.2	1.6	1.5	1.6	1.4	1.5	1.5	1.6	1.8	2.2	4.5	4.2	3.9	3.4	3.7	2.2	1.9	1.7	2.0	1.6	1.6	1.7	1.6	1.6	1.7	1.6	1.7	7.5
Calico Rock	do	23	0.2	0.1	-0.2	-0.1	0.1	0.4	0.3	0.2	0.1	0.2	0.3	0.5	0.8	2.7	2.8	2.6	1.9	1.4	1.1	0.8	0.6	0.1	0.5	0.2	0.3	0.3	0.2	0.3	0.3	0.3	2.1
Batesville	do	26	4.9	4.8	4.6	4.6	4.8	4.8	5.0	4.9	4.9	4.9	4.8	5.0	5.0	5.5	7.7	7.8	7.6	6.8	6.2	5.8	5.6	5.4	5.4	5.2	5.0	5.1	5.1	5.1	5.2	5.2	8.0
Newport	do	20	2.6	2.6	2.6	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.1	3.7	3.9	3.8	3.2	2.9	2.5	2.4	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.9	2.0
Georgetown	do	21	2.3	2.2	2.2	2.2	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.2	3.0	3.8	4.2	4.0	3.8	3.4	3.1	2.9	2.7	2.6	2.3	2.2	2.2	2.2	2.2
De Valls Bluff	do	34	6.2	6.1	6.0	6.0	6.0	6.0	5.9	5.9	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.8	6.0	6.6	7.1	8.0	8.0	7.8	7.4	7.0	6.8	6.5	6.4	6.2	6.1	6.0	6.0
Clarendon	do	12	8.7	8.6	8.5	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.4	8.4	8.7	9.3	9.9	10.1	10.1	9.9	9.7	9.4	9.2	9.0	8.9	8.7	8.7	8.7
Gilbert	Buffalo	14	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	7.0
Black Rock	Black	30	2.5	2.4	2.2	2.4	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	4.0
Camden	Ouachita	28	4.2	4.2	4.2	4.2	4.3	4.3	4.1	4.0	4.0	4.0	4.2	4.3	4.3	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.1	4.0	4.0	4.1	4.1	4.1	4.1	4.2	4.2	4.3
Fulton	Red	44	7.8	7.6	7.4	7.3	7.0	6.8	6.8	6.7	6.6	6.3	5.9	5.8	6.2	9.8	11.8	11.3	10.7	10.3	10.8	11.3	10.7	9.3	8.4	8.0	7.6	7.3	7.0	6.9	6.8	6.7	7.0
Helena	Mississippi	48	6.4	6.2	6.3	6.7	7.0	7.5	8.0	8.9	9.8	10.1	10.2	10.8	13.2	13.8	15.0	15.8	16.1	15.9	15.0	13.2	11.1	9.3	8.1	7.1	6.2	6.6	7.7	8.9	9.8	10.6	11.2
Arkansas City	do	48	8.8	8.3	7.9	7.8	7.6	8.0	8.4	9.0	9.7	10.7	11.2	11.4	11.7	13.6	14.0	15.4	16.5	17.1	17.6	18.1	17.3	15.5	13.6	11.8	9.9	8.7	8.0	8.3	9.6	10.8	11.8

Daily Temperatures for October, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	79	80	80	64	68	69	69	83	73	80	84	81	76	77	74	85	87	85	84	69	69	65	65	59	59	71	74	63	70	76	69	73.8
	Minimum	57	52	50	51	57	50	48	50	49	51	60	62	61	62	59	54	54	57	57	57	50	43	39	32	32	35	37	51	59	61	58	51.5
Bentonville	Maximum	71	72	73	74	62	77	72	70	72	64	69	72	66	76	78	80	81	81	77	68	59	58	49	53	64	69	67	60	72	65	59	68.7
	Minimum	47	43	48	57	50	46	50	47	54	58	58	52	49	54	52	54	54	55	59	48	41	35	37	33	31	38	47	52	53	51	41	48.2
Bee Branch	Maximum	78	78	79	71	64	70	78	74	74	78	79	81	77	80	83	84	88	86	79	75	65	65	61	59	65	74	75	66	73	69	69	74.1
	Minimum	50	44	42	53	54	55	48	44	50	55	62	59	55	60	52	51	53	51	52	53	48	39	36	31	28	32	43	53	57	60	58	49.3
Blytheville	Maximum	83	75	82	..	75	78	79	78	76	81	78	75	78	84	84	87	82	82	85	81	72	76	64	58	70	78	83	78	77	75	76	77.7
	Minimum	51	52	45	..	52	53	56	47	47	47	48	46	47	46	53	52	57	48	46	62	41	44	39	35	36	39	60	54	56	62	62	49.4
Booneville	Maximum	80	80	74	74	70	78	81	75	74	71	79	75	73	77	84	85	85	85	79	73	68	67	59	61	70	77	66	73	77	73	69	74.6
	Minimum	54	46	50	58	59	48	52	52	53	59	62	60	56	63	55	53	54	56	64	57	47	39	38	33	30	33	44	54	56	62	52	51.6
Brinkley	Maximum	76	76	79	66	63	70	80	75	79	83	82	83	84	85	85	85	87	83	83	80	74	66	60	62	68	76	76	65	72	77	75	76.0
	Minimum	52	45	39	53	55	58	46	45	44	59	57	57	60	62	51	48	53	49	51	59	47	39	37	28	28	31	45	55	60	63	61	49.6
Calico Rock§§	Maximum	75	77	82	63	66	75	75	73	70	70	80	79	79	83	85	86	86	84	80	75	65	65	57	59	71	79	78	62	79	72	68	74.1
	Minimum	43	38	38	41	56	57	50	41	40	40	40	50	45	45	47	48	48	45	46	49	47	35	40	28	28	29	30	39	55	51	61	43.5
Camden§§	Maximum	83	81	70	76	66	74	83	79	83	85	85	83	86	79	85	87	88	88	79	74	71	70	62	64	68	77	67	75	74	81	73	77.3
	Minimum	58	44	44	47	58	48	45	46	45	47	58	60	58	59	59	50	51	52	53	55	44	36	36	27	28	30	34	50	59	59	65	48.5
Center Point	Maximum	82	82	75	78	75	74	84	78	79	83	84	79	79	75	83	86	89	85	80	72	70	69	61	63	70	76	65	75	72	72	74	76.4
	Minimum	55	55	57	58	56	50	54	55	54	63	65	63	63	62	63	61	62	60	62	56	46	39	39	29	39	46	53	58	59	63	58	54.9
Conway	Maximum	78	77	79	68	65	69	70	75	77	83	83	83	81	78	83	84	87	86	80	76	62	67	63	60	66	76	74	65	78	73	72	74.8
	Minimum	55	47	45	56	58	59	50	48	50	56	65	64	60	64	55	55	55	52	56	57	49	43	41	32	30	33	45	56	62	64	60	52.3
Corning	Maximum	75	76	78	63	62	65	78	76	69	75	79	79	76	84	84	85	81	80	83	79	69	63	56	58	68	77	82	68	75	75	75	74.0
	Minimum	45	40	38	50	54	57	47	39	48	56	60	63	44	45	45	46	52	40	42	62	46	40	37	30	27	31	46	53	58	59	62	47.2
Dardanelle	Maximum	81	77	66	70	72	81	76	74	71	81	77	74	84	83	84	87	81	74	71	68	67	59	60	68	78	67	69	77	70	70	66	73.6
	Minimum	47	49	57	58	48	51	47	50	56	64	62	59	64	54	54	54	53	56	55	50	42	39	30	31	33	43	53	59	61	56	52	51.2
Dumas	Maximum	82	78	84	74	72	73	75	78	72	83	85	83	82	82	84	86	87	88	86	85	72	71	68	64	65	78	74	72	72	84	75	77.9
	Minimum	57	42	43	57	58	58	50	50	48	60	62	57	57	64	50	48	55	55	54	60	48	43	41	33	34	36	49	58	60	65	63	52.1
Dutton	Maximum	77	76	72	69	71	76	76	73	67	64	69	74	68	74	78	29	85	80	72	67	62	62	49	53	65	71	68	61	69	67	66	69.7
	Minimum	39	35	38	51	39	37	43	36	48	51	54	53	46	55	45	44	43	45	50	49	37	38	32	32	19	28	44	49	49	48	50	42.8
El Dorado	Maximum	81	80	72	76	70	74	82	80	85	84	87	83	85	79	85	86	87	89	80	77	71	70	62	65	69	67	74	77	75	86	78	77.9
	Minimum	60	50	50	58	61	59	51	52	51	60	59	62	60	65	63	55	56	57	59	61	49	44	51	36	36	41	54	59	59	66	66	55.2
Eureka Springs	Maximum	79	76	77	70	65	78	75	74	71	64	68	74	66	79	81	81	84	82	78	68	61	59	50	55	65	72	68	62	76	73	62	70.7
	Minimum	47	45	52	56	55	49	55	46	51	55	60	59	49	53	55	61	60	54	62	56	42	35	38	33	32	49	53	51	53	52	50	50.6
Fayetteville	Maximum	73	75	74	71	64	76	73	77	73	67	71	74	69	80	79	79	86	82	78	72	64	59	51	54	65	71	68	66	74	74	65	71.1
	Minimum	48	43	47	56	54	42	49	46	57	57	59	61	51	58	51	53	53	55	61	53	43	34	36	28	27	40	50	50	52	56	49	49.0
Fort Smith	Maximum	80	78	68	72	71	78	80	74	72	65	77	76	66	75	81	82	83	82	80	72	62	63	53	57	65	74	64	72	75	71	64	72.0
	Minimum	56	54	55	57	56	52	57	54	55	60	62	62	59	62	58	58	58	66	63	56	49	43	40	34	37	38	48	52	57	61	52	53.7
Grannis	Maximum	84	82	77	77	74	73	75	78	76	81	82	79	75	76	83	85	88	85	87	75	70	69	60	63	70	74	63	73	74	68	72	75.7
	Minimum	50	46	47	58	53	45	50	49	46	56	61	59	60	60	54	50	51	51	57	56	43	34	36	33	40	33	42	54	47	52	52	49.1
Gravette	Maximum	77	72	74	72	64	75	72	72	72	67	68	71	66	75	79	87	85	82	79	71	64	58	48	52	61	69	65	62	72	72	62	69.8
	Minimum	47	43	48	56	52	45	52	50	54	52	57	54	49	54	52	53	54	56	61	56	55	35	38	31	27	34	45	57	53	55	46	49.1
Helena	Maximum	74	73	77	64	64	75	78	74	79	81	80	82	80	82	81	85	87	81	89	82	68	65	61	61	67	75	75	64	73	80	73	75.2
	Minimum	54	41	44	51	56	57	50	50	56	62	55	59	60	62	52	55	55	50	55	62	47	36	35	31	31	40	49	55	59	62	61	51.5
Hope	Maximum	86	86	76	78	75	66	85	83	87	90	92	84	90	80	90	91	93	92	82	73	74	72	63	61	60	68	79	80	79	80	77	79.7
	Minimum	56	50	55	61	53	48	47	53	47	60	61	63	63	60	59	53	54	55	55	57	48	46	39	34	33	36	48	60	57	62	59	52.6
Hot Springs	Maximum	87	84	82	78	82	82	80	82	82	88	88	87	88	86	80	76	76	70	72	69	70	68	62	61	71	74	68	69	77	75	74	77.0
	Minimum	64	64	62	60	62	61	58	56	62	65	66	63	70	63	65	60	58	56	59	42	39	38	44	33	33	37	39	52	54	56	59	54.8
Jonesboro	Maximum	73	73	78	69	62	68	76	72	72	80	80	82	77	80	84	85	79	80	84	80	80	64	57	58	68	75	78	69	68	75	70	74.1
	Minimum	51	47	45	54	54	58	50	50	52	57	58	61	55	55	53	55	59	50	49	48	48	41	40	36	35	38	52	54	58	61	62	51.2
Lead Hill	Maximum	77	74	80	70	69	78	75	73	73	67	73	73	68	79	82	82	85	84	73	68	62	60	54	57	69	76	76	65	76	76	68	72.8
	Minimum	41	38	40	55	55	42	50	39	51	49	60	59	45	52	44	49	49	17	51	49	41	31	41	31	24	28	37	52	49	55	55	45.5
Little Rock	Maximum	76	75	76	63	64	68	77	74	74	82	80	79	78	78	81	84	85	83	76	74	65	63	57	58	68	73	70	64	74	75	69	73.0
	Minimum	56	53	54	56	57	57	53	55	51	59	63	64	63	64	59	60	61	58	60	55	52	46	41	38	39	44	52	56	63	64	58	55.2
Lutherville	Maximum	79	79	77	67	71	75	79	75	72	69	81	74	73	80	82	82	87	85	74	67	66	65	57	58	65	74	70	64	75	70	68	72.9
	Minimum	52	48	49	54	56	47	52	53	53	58	61	61	49	62	55	56	57	56	60	56	47	10	37	30	31	38	49	50	58	60	53	51.2
Magnolia	Maximum	75	71	66	68	65	63	71	68	73	75	76	78	76	67	77	76	78	78	70	67	61	59	53	54	61	68	63	68	78	82	80	69.8
	Minimum	59	48	50	55	58	50	50	55	52	61	60	62	60	64	62	54	53	57	61	53	46	38	41	31	32	39	53	55	58	58	62	52.8
Malvern	Maximum	83	84	76	67	67	75	84	79	81	83	86	81	81	80	85	86	89	87	75	74	70	69	66	63	70	75	69	69	78	79	76	77.0
	Minimum	56	47	45	57	60	49	48	49	48	55	61	64	60	63	54	52	53	56	57	57	49	36	35	27	31	33	45	57	60	64	64	51.4
Mammoth Spg	Maximum	69	77	79	74	66	63	73	73	66	73	79	76	74	72	83	84	81	80	78	67	64	61	56	58	68	76	78	63	78	73	75	72.2
	Minimum	57	55	59	40	52	59	53	54	57	54	64	66	43	45	41	46	40	38	40	58	46	37	42	35	26	28	45	54	56	56	60	48.6
Marshall	Maximum	77	74	77	80	77	76	75	74	75	77	78	74	71	79	82	82	85	85	76	68	62	60	59	60	72	68	74	68	76	72	71	73.7
	Minimum	41	37	58	40	46	14	48	39	34	53	62	60	50	56	48	49	50	49	61	53	44	33	40	29	27	27	52	40	58	67	58	46.5
Mena	Maximum	77	77	65	73	69	73	80	73	73	74	75	72	66	70	79	81	80	81	75	68	63	62	55	58	66	72	60	68	74	70	67	70.8
	Minimum	55	49	51	54	57	48	50	55	53	59	67	60	58	61	55	54	56	54	60	56	48	44	39	29	35	40	50	54	51	58	52	52.0
Mount Ida	Maximum	80	82	67	74	70	72	83	75	76	82	78	76	77	75	83	85	86	83	77	68	67	67	59	61	70	76	64	73	75	76	69	74.4
	Minimum	50	41	43	55	53	49	45	45	42	50	61	59	62	64	54	47	43	47	54	51	45	34	34	24	27	29	42	54	48	57	54	47.2
Newport	Maximum	78	79	72	68	65	70	78	76	75	79	83	83	79	85	86	88	84	83	85	82	70	68	62	62	71	76	78	68	76	77	72	76.1
	Minimum	51	45	42	55	54	57	48	45	49	53	60	61	53	57	52	51	55	48	49	60	48	40	39	33	33	34	46	54	58	62	63	50.2
Pine Bluff	Maximum	78	78	84	65	65	73	81	79	81	86	87	84	83	79	85	88	90	88	83	81	69	69	63	63	70	77	70	65	74	82	76	77.3
	Minimum	57	52	46	57	50	59	51	53	51	61	61	62	62	64	55	54	58	57	58	58	52	42	41	36	36	39	52	58	61	65	65	54.0
Pocahontas	Maximum	72	72	78	73	64	66	77	76	71	76	79	80	77	84	83	85	81	81	81	81	67	64	58	60	69	75	80	72	75	74	73	74.3
	Minimum	50	40	42	53	53	57	49	49	51	55	65	62	49	49	52	50	54	48	46	58	49	40	35	34	35	30	40	54	56	60	60	49.2
Portland	Maximum	80	77	74	73	67	73	80	75	78	80	79	80	81	79	81	83	84	84	82	81	71	68	63	64	67	75	73	69	68	83	78	75.8
	Minimum	60	47	44	56	61	59	50	53	49	58	60	55	57	63	55	48	51	52	54	61	49	42	43	34	31	36	46	58	60	65	64	52.8
Prescott	Maximum	87	81	77	77	78	79	84	85	84	86	87	84	86	81	85	86	87	88	83	83	70	70	64	65	66	68	67	76	78	82	75	78.9
	Minimum	58	52	50	51	58	49	53	56	49	52	54	58	59	61	60	57	55	57	61	54	49	41	40	35	35	36	41	40	61	63	61	51.8
Rison	Maximum	82	80	78	72	67	78	84	79	84	85	87	83	86	81	85	86	89	90	86	81	71	69	66	62	68	78	74	70	77	83	82	78.8
	Minimum	57	47	48	56	59	58	50	52	50	60	61	61	61	63	57	54	56	57	56	60	48	44	40	33	35	37	50	58	61	64	64	53.5
Searcy	Maximum	78	78	79	69	65	70	77	74	76	84	85	85	80	84	84	85	88	83	82	80	68	70	62	62	67	75	77	64	74	76	72	75.9
	Minimum	53	46	42	54	55	57	47	45	50	53	60	61	59	61	52	50	52	50	52	55	45	38	38	28	28	29	44	54	59	62	62	49.7
Stuttgart	Maximum	77	77	81	71	64	75	79	74	69	82	83	84	81	84	84	85	90	85	84	81	71	67	60	61	67	75	72	65	82	80	75	76.3
	Minimum	53	44	42	56	55	58	48	46	46	59	59	59	60	63	51	50	55	52	56	60	47	40	41	33	31	38	47	55	60	64	63	51.3
Texarkana	Maximum	81	81	71	78	72	69	79	78	83	85	85	87	82	83	84	87	89	87	79	74	73	70	63	61	72	73	74	73	75	78	75	77.5
	Minimum	58	52	56	52	52	18	46	56	54	60	63	64	60	60	59	58	56	56	58	58	48	42	38	31	35	32	50	50	51	54	60	52.2
Thornburg	Maximum	78	77	76	64	63	71	78	74	74	78	80	81	77	78	82	82	86	84	70	70	64	62	50	57	66	79	72	65	75	67	68	72.5
	Minimum	51	35	38	53	52	40	41	39	39	50	61	55	50	52	46	46	46	46	55	52	46	38	36	28	25	28	39	54	59	61	56	45.7
Warren	Maximum	81	76	74	72	70	73	77	77	77	80	80	80	81	78	81	84	82	81	82	80	67	66	64	59	63	74	71	69	70	80	79	75.1
	Minimum	60	51	48	56	60	59	53	55	50	60	63	60	61	64	61	56	59	54	58	59	52	45	45	40	36	41	52	60	60	66	65	55.1
Wilson	Maximum	70	71	75	67	61	71	74	72	73	79	79	80	77	81	80	84	79	79	84	79	66	63	58	58	67	68	70	74	71	73	71	72.7
	Minimum	50	41	39	53	52	57	48	42	45	59	59	58	57	51	48	49	54	41	43	60	49	40	38	33	33	32	34	39	54	61	61	47.7
Wynne	Maximum	74	74	72	74	66	72	77	74	79	82	80	83	83	88	82	86	82	82	83	79	68	65	63	62	69	76	81	68	70	75	72	75.5
	Minimum	51	44	40	54	55	57	47	50	49	59	58	58	59	55	51	50	54	51	54	57	47	39	35	30	29	37	47	55	59	63	61	50.2

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

Weather Bureau, Little Rock, Ark., 11-20-29--980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., NOVEMBER, 1929 No. 11

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during November were the negative temperature and precipitation departures, and the heavy snowfall, all stations for which normals have been computed showing temperatures below normal and all except 12 southern stations negative precipitation departures. This was the coldest November in Arkansas since state wide records have been kept, November, 1911, with a mean temperature of 46.8°, being the next coldest. The lowest this month, 7° at Dutton on the 30th, while unusual, is not the record low temperature for November, 2° having been recorded at Witts Springs, Searcy County, November 18, 1903.

The mean temperature for the month, as determined from the records of 61 stations, was 46.1° which is 5.5° below normal. Monthly means ranged from 39.4° at Mountain Home to 51.6° at Rison, a difference of 12.2° between northern and southern sections of the State. Extremes ranged from 85° at Rison on the 12th to 7° at Dutton on the 30th. The highest occurred in most sections about the 10th or 12th and the lowest on either the 23d or the 30th. The greatest daily range was 46° at Hope on the 28th. Killing frost or freezing temperatures occurred over the greater part of the State the latter part of October and in remaining localities about November 5th.

The average precipitation for 91 stations was 2.61 inches which is 1.04 inches below normal. Monthly totals ranged from 6.57 inches at Helena to 0.78 inch at Mountain Home. The average snowfall for 65 stations was 3.2 inches, 8.0 inches being measured at Clarendon, Dumas, and El Dorado. Snowfall was heaviest in the southern half of the State. This is the greatest November snowfall on record in Arkansas. The greatest precipitation for any 24 hour period was 3.54 inches at Camden on the 13th.

The weather for the month as a whole was unfavorable for fall farm activities, being too wet or too cold for picking cotton, gathering corn, and threshing rice and at the close of the month this work was not yet completed. The snowfall of the 21st was favorable for wheat, oats, and meadows. W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--1st, 2; 6th, 1; 9th, 1; 10th, 2; 12th, 11; 13th, 10; 14th, 1.

SOLAR HALOS:-----24th, 1.

LUNAR HALOS:-----25th, 1.

DENSE FOG:------4th, 1; 6th, 1; 10th, 1; 11th, 2; 12th, 13; 20th, 1; 23d, 1; 26th, 4; 27th, 6.

METEOR:---Eastern half of State 9:15 p.m of the 8th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	30.14	30.54	21	29.70	28	3,406	20	s.	25	......	......	54
Fort Smith	30.16	30.53	20	29.75	28	4,533	23	n.	28	82	66	44
Little Rock	30.16	30.57	21	29.68	28	5,290	34	n.	29	78	57	45
Memphis	30.14	30 59	21	29.66	28	4,652	24	w	28	81	74	35

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**51.6**		**96**		**2**		**3.65**		**15**	**6**	**9**	**6**
1891	49.7	−1.9	87	6	10	30	5.56	+1.91	13	7	10	8
1892	49.9	−1.7	79	27	20	7	5.83	+2.18	11	7	12	9
1893	49.3	−2.3	84	7	10	24	4.21	+0.56	14	8	8	3
1894	50.4	−1.2	81	1	12	11	1.12	−2.53	19	6	5	2
1895	49.9	−1.7	82	18	16	25	4.82	+1.17	14	5	11	6
1896	52.8	+1.2	88	10	8	30	4.34	+0.69	14	7	9	7
1897	51.6	0.0	88	15	15	30	2.82	−0.83	16	6	8	6
1898	47.5	−4.1	87	5	9	22	3.20	−0.45	13	8	9	4
1899	54.3	+2.7	87	7	17	3	2.61	−1.08	13	8	9	6
1900	51.4	−0.2	90	3	18	12	4.28	+0.63	15	7	8	6
1901	50.5	−1.1	88	2	15	16	2.99	−0.66	16	7	7	5
1902	56.5	+4.9	90	11	18	27	6.66	+3.01	8	9	13	9
1903	47.6	−4.0	89	4	2	18	0.64	−3.01	13	9	8	3
1904	51.4	−0.2	89	4	17	15	1.38	−2.27	17	5	8	3
1905	53.2	+1.6	88	18	9	30	3.28	−0.37	16	5	9	5
1906	50.2	−1.4	88	16	13	22	5.90	+2.15	14	7	9	6
1907	49.0	−2.6	84	5	10	13	5.71	+2.06	16	5	9	6
1908	53.8	+2.2	88	10	5	14	5.40	+1.75	15	6	9	3
1909	59.3	+7.7	90	4	16	18	3.75	+0.10	13	8	9	7
1910	51.5	+0.1	85	24	17	29	0.47	−3.18	16	9	5	3
1911	46.8	−4.8	86	11	5	12	3.18	−0.47	14	8	8	7
1912	50.5	−1.1	89	11	13	25	1.66	−1.99	19	7	4	2
1913	57.6	+6.0	85	18	20	9	2.47	−1.18	10	9	11	5
1914	52.6	+1.0	88	5	11	20	2.32	−1.33	15	6	9	4
1915	54.8	+3.2	88	1	17	15	5.40	+1.75	16	5	9	6
1916	52.1	+0.5	87	2	10	10	2.95	−0.70	20	4	6	5
1917	50.7	−0.9	85	10	11	24	1.96	−1.69	17	4	9	4
1918	49.7	1.9	88	6	18	30	3.91	+0.26	15	4	11	6
1919	51.4	−0.2	86	1	14	13	6.27	+2.62	17	3	10	7
1920	47.8	−3.8	89	7	10	13	1.95	−1.70	15	4	11	5
1921	54.9	+3.3	88	17	17	12	5.53	+1.88	13	6	11	7
1922	52.9	+1.3	88	4	20	21	3.89	+0.24	16	6	8	6
1923	50.8	−0.8	81	10	21	6	3.34	−0.31	15	4	11	6
1924	53.4	+1.8	88	2	15	25	2.36	−1.29	16	5	9	4
1925	50.4	−1.2	89	12	15	25	5.67	+2.02	16	4	10	8
1926	47.2	−4.4	81	6	10	19	3.33	−0.32	14	5	11	6
1927	56.7	+5.1	96	1	20	17	3.68	+0.02	7	8	15	6
1928	50.2	−1.4	82	8†	13	26	4.25	+0.60	13	3	14	8
1929	46.1	−5.5	85	12	7	30	2.61	−1.04	19	6	14	8

Climatological Data for November, 1929

				Temperature	(Degrees Fahrenheit)						Precipitation, inches				Number of days					
Stations	Counties	Elevation, feet	Length of record years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	34	45.7	−6.9	82	12	19	30	36	3.22	−0.74	1.15	4.2	8	7	17	6	n.	J. W. Campbell
Arkadelphia	Clark	250	33	.....	.....	.....	.....	.....	.....	.....	2.92	−0.63	0.90	3.0	12	11	0	19	n.	W. K. Brown
Arkansas City	Desha	145	45	.....	.....	.....	.....	.....	.....	.....	6.03	+2.24	1.40	5.0	9	6	3	21	.....	J. H. Catham
Arlberg	Stone	700	7	.....	.....	.....	.....	.....	.....	.....	2.64	.....	0.96	1.2	6	9	9	12	se.	J. D. Reeves
Batesville	Independence	277	30	43.3	−5.9	75	12	12	30	44	1.05	−2.50	0.40	T.	7	12	4	14	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	45.0	−6.3	69	12	14	30	35	2.60	−0.83	1.03	0.1	8	9	8	13	w.	J. E. Scanlan
Bentonville	Benton	1303	24	40.7	−6.0	71	11	13	22	30	1.42	−1.57	0.39	1.2	9	15	2	13	nw.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	.....	.....	.....	.....	.....	.....	.....	0.99	−3.16	0.47	T.	6	16	0	14	n.	Vernon C. Howe
Blytheville	Mississippi	252	4	47.7[d]	.....	79[d]	1	14[d]	30	31[d]	2.19	.....	0.58	2.0	7	8[d]	4[d]	14[d]	n.	B. E. Smith
Booneville	Logan	465	15	45.4	−8.4	75	10	16	30	40	1.90	−2.12	0.80	0.2	6	14	2	14	w.	F. H. Randolph
Brinkley	Monroe	205	42	47.4	−4.4	77	10	12	23	37	3.02	−1.17	1.23	7.0	11	11	5	14	nw.	R. J. Torry
Calico Rock	Izard	361	25	43.6	−5.0	76	12	13	30	45	1.40	−1.69	0.41	T.	8	5	18	7	nw.	W. J. Copp
Camden	Ouachita	158	44	48.6	−3.6	83	12	13	23†	40	5.27	+1.20	3.54	6.0	11	6	5	19	ne.	A. B. Quarterman
Center Point	Howard	470	30	48.4	−6.0	78	12	21	30	31	3.02	−0.36	1.02	3.8	13	8	9	13	ne	John C. Floyd
Clarendon	Monroe	200	25	.....	.....	.....	.....	.....	.....	.....	2.86	−1.04	0.70	8.0	12	8	5	17	n.	J. W. Bishop
Clinton	Van Buren	516	8	.....	.....	.....	.....	.....	.....	.....	3.08	.....	0.93	T.	9	9	11	10	sw.	A. L. Stephens
Conway	Faulkner	309	46	47.6	−4.2	73	10	16	30	39	2.22	−1.88	0.82	2.0	9	14	6	10	w.	E. E Cordrey
Corning	Clay	293	36	45.4	−2.6	75	10	11	30	34	1.82	−1.86	0.80	3.0	6	13	9	8	nw.	Winfred D. Polk
Corning (river)	Clay	280	5	.....	.....	.....	.....	.....	.....	.....	1.20	.....	0.60	T.	5	6	13	11	.....	Henry Stafford
Cotter	Marion	408	2	.....	.....	.....	.....	.....	.....	.....	1.15	.....	0.80	T	4	8	8	14	n.	J O. Linck
Crossett	Ashley	175	14	49.0	−5.4	84	13	19	23†	37	5.01	+1.24	2.10	4.5	12	9	0	21	ne.	G. A. Gifford
Danville	Yell	327	13	.....	.....	.....	.....	.....	.....	.....	2.34	−1.19	1.76	0.0	3	13	1	16	e.	C. G. Hudson
Dardanelle	Yell	330	43	47.5	−4.9	73	10	18	30	37	2.59	−0.91	1.33	0.0	7	6	20	4	w.	Geo. N. Goodier
De Valls Bluff	Prairie	153	2	.....	.....	.....	.....	.....	.....	.....	2.41	.....	0.50	6.8	11	6	3	21	.....	H. G Pate
Dumas	Desha	162	23	49.1	−4.8	82	12	13	20	36	4.22	+0.33	0.75	8.0	15	5	17	8	n	Ben Johnson
Dutton	Madison	1590	26	40.0	−7.6	69	11	7	30	38	1.87	−1.52	0.88	0.2	5	5	15	10	n.	J. M Ricketts
El Dorado	Union	270	28	50.4	−4.5	83	12	18	23	38	3.53	+0.31	0.83	8.0	13	10	2	18	n.	J J Babb
England	Lonoke	229	22	48.6	−5.1	80	12	15	23	35	2.05	−1.66	0.42	6.5	11	10	6	14	n.	Dr R. H Hardin
Eureka Springs	Carroll	1465	29	42.7	−8.9	77	11	14	22	31	1.59	−1.36	0.36	1.2	7	8	8	14	n.	Geo. W. Nicholds
Fayetteville	Washington	1451	42	42.4	−7.4	71	11	18	22	33	1.12	−1.96	0.28	T.	6	10	9	11	nw	University of Arkansas
Fort Smith	Sebastian	457	48	45.1	−5.9	68	10	23	30	35	1.40	−1.47	0.44	T.	10	9	6	15	e	U. S. Weather Bureau
Freeman Springs	Pope	2240	5	.....	.....	.....	.....	.....	.....	.....	2.38	.....	1.01	0.8	10	13	6	11	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	.....	.....	.....	.....	.....	.....	.....	3.63	+0.12	1.18	T.	8	8	7	15	.....	T. J. Logan
Georgetown	White	200	17	.....	.....	.....	.....	.....	.....	.....	2.31	−1.28	1.05	5.0	7	10	1	19	.....	W. R. Owens
Gilbert	Searcy	675	6	.....	.....	.....	.....	.....	.....	..	1.71	.....	0.80	0.1	7	11	13	6	.....	Ben F. Battenfield
Grannis	Polk	900	10	45.5	.....	75	12	13	30	43	3.32	.....	0.94	2.5	9	16	5	9	sw.	W. E. McVay
Gravette	Benton	1250	32	40.7	−8.7	72	11	13	22	29	1.28	−1.73	0.50	0.5	6	10	9	11	nw.	A. F Stevens
Harrison	Boone	1052	28	42.2[b]	−6.5	76[b]	10	12[b]	23†	42[b]	1.60	−1.19	0.50	T.	6	11[b]	6[b]	11[b]	.....	G. L Wright
Helena	Phillips	250	57	48.0	−5.2	74	10†	19	30	33	6.57	+2.08	2.81	3.8	11	7	8	15	n.	James A. Burnett
Higden	Cleburne	445	11	.....	.....	.....	.....	.....	.....	.....	2.51	.....	1.07	T.	7	6	10	14	n.	Geo W. Baker
Hope	Hempstead	377	58	49.4	−5.2	78	28	17	23	46	4.10	−0.37	1.45	5.2	11	11	5	14	n.	N. P. O'Neal
Hot Springs	Garland	600	38	46.6	−6.2	70	8	30	5†	36	4.49	+0.19	1.70	4.0	6	10	15	5	.....	G. C. Bolton
Index ‡‡	Little River	275	4	.....	.....	.....	.....	.....	.....	.....	3.02	.....	0.78	5.0	10	9	0	21	.....	H. G. Sanderson
Jessieville ††	Garland	750	3	.....	.....	.....	.....	.....	.....	.....	3.65	.....	1.26	3.0	6	12	4	14	.....	U. S. Forest Service
Jonesboro	Craighead	345	34	46.6	−4.8	73	10	14	30	40	2.38	−1.08	0.80	0.5	8	12	9	9	n.	Benedictine Sisters
Junction ‡‡	Union	182	35	49.4	−4.5	74	11	17	22	39	1.66	−1.67	0.50	5.0	4	14	5	11	n.	J. A. Lowderback
Lead Hill	Boone	650	2	42.8	.....	72	11	11	30	40	1.61	.....	0.62	T.	6	11	7	12	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	50	47.6	−4.5	74	12	22	30	28	1.85	−2.34	0.37	4.9	13	9	8	13	n.	U. S. Weather Bureau
Lurton	Newton	2100	4	41.3	.....	68	12	16	30	28	2.47	.....	1.02	1.1	13	10	10	10	n.	I. C Sutton
Lutherville ‡‡	Johnson	775	31	45.8	−5.4	69	3†	17	30	30	2.31	−1.12	1.15	1.0	6	13	5	12	w	H. G. Lenhardt
Magnolia	Columbus	315	10	48.4[a]	.....	85[a]	12	15[a]	23	39[a]	4.40	.....	2.40	5.0	8	8[a]	7[a]	14[a]	ne.	State Agri. School
Malvern	Hot Springs	277	42	48.2	−4.0	80	12	16	23	38	4.37	−0.21	1.60	4.0	12	14	6	10	ne.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	24	....	.....	..	..	..	..	..	.....	.....	...	...	..	..	..	..	.....	W. C Gregg
Marianna	Lee	235	17	47.4	−4.6	74	12	16	23	40	2.15	−0.85	0.50	4.2	9	17	8	5	n.	C. N. Houck
Marked Tree	Poinsett	229	24	45.4	−3.9	75	10	13	30	37	2.85	−1.65	1.05	2.5	12	8	15	7	s.	Charles Walton
Marshall	Searcy	1070	15	45.6[b]	−6.1	83[b]	2	15[b]	30	41[b]	1.80	−2.09	0.81	0.1	8	10	3[b]	15[b]	n.	A. J. Parks
Mena	Polk	1185	41	44.8	−8.3	68	12	18	30	32	3.10	−0.36	1.13	T.	10	13	7	10	w.	E. W. St. John
Morrilton	Conway	347	8	45.8	.....	72	10	18	30	36	3.84	.....	1.25	T.	7	10	5	15	nw.	John Cook
Mountain Home ††	Baxter	800	15	39.4	−10.2	63	10†	12	31	27	0.78	2.48	0.63	T.	2	12	3	15	n.	B. S. Halbert
Mount Ida	Montgomery	650	30	45.2	−5.9	74	12	13	30	45	2.98	−1.06	1.46	2.0	10	11	6	13	nw.	G. A. Whittington
Newport	Jackson	231	45	47.8	−3.2	76	12	15	30	42	1.88	−2.52	0.71	0.5	9	11	3	16	s.	A. C. Wilkerson
Norman	Montgomery	750	2	.....	.....	.....	.....	.....	.....	.....	3.15	.....	1.24	2.0	8	12	10	8	.....	U. S. Forest Service
Oden	Montgomery	800	3	.....	.....	.....	.....	.....	.....	.....	2.77	.....	1.05	1.5	6	10	4	16	nw.	U. S. Forest Service
Osceola ††	Mississippi	240	31	46.6	−3.2	75	10	18	29	40	2.41	−2.44	0.80	2.0	6	13	2	15	n.	June Thomason
Ozark	Franklin	396	33	44.0	−8.2	70	2†	16	30	36	1.76	−1.42	0.55	T.	5	11	0	19	sw.	Orkney O. Milton
Paragould	Greene	301	3	.....	.....	.....	.....	.....	.....	.....	3.47	.....	0.95	0.0	7	9	9	12	nw.	W. R. Heagler
Patterson	Woodruff	196	13	.....	.....	.....	.....	.....	.....	.....	2.31	−2.71	0.75	1.0	6	10	2	18	n.	W. E. Baker
Piggott	Clay	307	5	.....	.....	.....	.....	.....	.....	.....	2.74	.....	1.07	T.	8	10	7	13	ne.	V. C. Wright
Pine Bluff	Jefferson	215	42	49.0	−3.8	85	12	15	23	34	2.54	−1.65	0.79	5.0	13	12	5	13	n	Miss Theresa Scheu
Pocahontas	Randolph	300	36	46.6	−4.6	75	10	13	30	35	1.54	−1.97	0.68	0.0	6	12	9	9	n.	Benedictine Sisters
Portland	Ashley	122	23	50.8	−3.1	81	12	20	30	36	6.32	+2.72	1.65	5.5	10	6	5	19	n.	W. E. Edmiston
Prescott	Nevada	329	41	49.8	−4.4	80	12	18	23	38	2.65	−0.84	0.94	5.0	6	12	0	18	n.	C. D Calhoun
Princeton	Dallas	287	23	.....	.....	.....	.....	.....	.....	.....	3.15	−0.78	0.72	5.0	8	7	7	16	.....	Mrs. Dora Coleman
Rison	Cleveland	243	28	51.6[b]	−1.5	85[b]	12	16[b]	23	42[b]	3.03	−0.35	1.43	3.0	7	13	2[b]	13[b]	nw.	Mrs M. V Tisdale
Rogers	Benton	1385	38	41.4	−7.9	74	11	14	23†	38	1.33	−1.60	0.34	0.5	7	7	8	15	w.	Carl A. Starck
Saratoga	Howard	288	1	48.6	.....	76	12	15	30	44	3.12	.....	0.69	0.3	12	7	8	15	n.	Frank K. Hensley
St. Francis	Clay	290	2	.....	.....	.....	.....	.....	.....	.....	2.76	.....	0.68	T.	7	14	0	16	.....	S. T Rooney
Searcy	White	236	20	46.8	−3.9	75	12	13	30	35	1.81	−3.67	0.64	1.0	9	17	5	8	ne.	Arthur D Smith
Springbank ‡‡	Miller	240	22	.....	.....	.....	.....	.....	.....	.....	3.63	+0.16	1.15	6.0	9	10	0	20	.....	Miss Grace Field
Story	Montgomery	700	5	.....	.....	.....	.....	.....	.....	.....	2.33	.....	1.30	1.0	5	11	6	13	n.	S. C. Story
Stuttgart	Arkansas	228	42	48.4	−3.8	79	12	14	23	34	3.87	−0.12	2.04	5.0	11	11	5	14	n.	Adam F Buerkle
Subiaco	Logan	1050	32	46.2	−6.8	71	10	18	30	34	2.29	−0.83	1.08	0.8	9	15	3	12	s.	New Subiaco Abbey
Texarkana	Miller	332	43	47.8	−7.6	79	12	18	30	40	3.02	−0.13	0.93	3.0	5	8	0	13	n.	H. S. Brashear
Thornburg	Perry	650	5	42.6	.....	72	10	10	23†	42	2.39	.....	1.54	1.5	6	14	4	12	n	Edward E Holmes
Waldron	Scott	675	10	.....	.....	.....	.....	.....	.....	.....	2.18	.....	0.96	0.5	7	9	4	17	nw.	Dr. Cheves Bevill
Warren	Bradley	206	35	51.0	−2.6	79	12	24	30	33	4.00	+0.03	1.00	6.5	10	12	7	11	ne.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	.....	.....	.....	.....	.....	.....	.....	2.68	.....	1.09	T.	5	11	7	12	nw.	J. R. Huddleston
Whitecliffs	Little River	290	25	.....	.....	.....	.....	.....	.....	.....	3.10	+0.16	0.98	4.0	7	9	2	19	e.	Nannie O. Schirmer
Wilson	Mississippi	237	4	47.2	.....	75	10	13	30	36	2.60	.....	0.60	2.0	8	15	3	12	n.	D. Anderson
Winslow	Washington	1734	14	41.2[e]	−4.9	68	3	14[f]	30	31[f]	2.72	−0.16	1.15	T.	10	3	17	10	n.	O. H. Black
Wynne	Cross	250	21	47.6	−4.2	76	11†	15	30	35	2.60	−1.05	0.50	3.5	8	10	9	11	nw.	R. T. Cobbs
Yancopin	Desha	167	5	.....	.....	.....	.....	.....	.....	.....	4.47	.....	1.18	5.8	12	6	2	22	.....	W. E Barton
State Means and Extremes				46.1	−5.5	85	12	7	30	46	2.61	−1.04	3.54	3.2	8	10	6	11	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for November, 1929

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.89						.10		.08	.27			1.15				.18	.15			.40									T.		3.22
Arkadelphia	Ouachita	.24	12					.20		.05	.20			.90		.07	.35	.30					.40				.08			.01			2.92
Arkansas City	Mississippi	.78	1.25							T.	T	T.	.60	1.40	.25	T.	.73		.22				.50					.30					6.03
Arlberg	White	.78						.14		.28				.96		.36						.12											2.64
Batesville	White	.38	T.					.10			.08	T.	.03	.40	T.		.04		.02				T.										1.05
Bee Branch	Arkansas	1.03					T	.17		T.	.19		.09	.81			.25	.05					.01				T.						2.60
Bentonville ***	Arkansas						.37	.02		.21	.16		.15	T.		.02	.24	.13				.12					T	T.					1.42
Black Rock	White	.47	.09								.07	T.	T.	.27			.06	T					T.				.03						0.99
Blytheville	Mississippi	.50	.32											.53	.58				T.				.20	.05			.01						2.19
Booneville	Arkansas						.33				.27			.80		T.	.40	.08				T.				T.	.02						1.90
Brinkley	White	.32	.20					.06				.14	.12	1.23	.09		.28		.10				.37				.11						3.02
Calico Rock	White	.41	.27					.05			.09			.34	T.		.09		T.				.01				.14						1.40
Camden	Ouachita	.07	.07					.02		.03	.17		.03	3.54			.25		.47				.55				.07						5.27
Center Point	Red	.02	.01					.05		.14	.45		.04	1.02		.10	.42	.34				.30	.08				.05			T.			3.02
Clarendon	White	.46	.13					.06			.03	.18	.03	.67	.06		.30		.17				.70				.07	T.					2.86
Clinton	White	.87						.18			.27		.21	.93	.30		.28	.03					.01										3.08
Conway	Arkansas	.82						.08		.06			.09	.61			.26	.06				.21					.03						2.22
Corning	White	.80	.08								.06		.24	.38									T.				.26						1.82
Corning (river)	White		.60									.05	.07	.38									T.				.10						1.20
Cotter	White	.07						.18			.10			.80	T.			T.					T.										1.15
Crossett	Ouachita	.52	.55						.03	.05	.06	.08	.30	2.10		T.	.47		.05				45	T.			.35						5.01
Danville	Arkansas							.14		T.			T.	1.76			.44	T.															2.34
Dardanelle	Arkansas	.30						.10			.30			1.33			.48	.06									.02						2.59
De Valls Bluff	White	.32	.18					.08				.18	.05	.50	.04		.22		.25				.50				.09						2.41
Dumas	Mississippi	.75	.72					.03	.02	T.	.10	.24	10	.58	.20	.28	.17	.43	.02				.50			.08				T.			4.22
Dutton	White		T.				.03			T.	.88	T	T.	.48		T.	.39	.09				T.	T.										1.87
El Dorado	Ouachita	.15	.25					.02	.03	.02	.40	.05	.15	.88			.40		.15				.80			.23							3.53
England	Arkansas	.19	.02					.12				.16		.42		.11	.29	.22				.11	.32				.09						2.05
Eureka Springs	White						.36	.15			.32			.30			.26	.10				.10											1.59
Fayetteville	White						.28	.14		T.	.22		T.	.16	T.		.21	.11				T	T.				T.						1.12
Fort Smith ***	Arkansas						.25	.01		.22	.15		.13	.01		.20	24	.18				T				.01			T.				1.40
Freeman Sprgs.	Arkansas	T.						.23			.55		.02	1.01	.02		.40	.06	.03				.01				.05						2.38
Fulton	Red	1.18		T.				.07		.11	.54		T.	.75		T.	.35	.30					.33				T.	T.					3.63
Georgetown	White	.36						.08			.12		33	1.05			.08		.11				.12				.06						2.31
Gilbert	White	.13	T.					29			.08			.80			.22	.15	.04				T.			T.							1.71
Grannis	Red						T.	.15	.02	.54	.90	.09		.94			.40	.14				.14								T			3.32
Gravette	Arkansas							.50		T.	.25			.02			.33	.16					.02										1.28
Harrison	White						.14	23			.50			.43			.22	.08					T.										1.60
Helena	Mississippi	1.48	.52									.06	.26	2.81	.30		.51		.11				.40	.01			.11						6.57
Higden	White	.75							.21		.14		.07	1.07			.18					T.					.09						2.51
Hope	Red	1.45						.10		.32	.21		.32	.60		.17	.21	.36					.30				.06						4.10
Hot Springs	Ouachita	1.70										.40	1.46		.10	T.		.42				.41								T.			4.49
Index	Red	.55	.01					.10		.13	.56			.78		T.	.22	.26	T.				.21				.20						3.02
Jessieville	Ouachita	1.26								.31	.16		1.22		T.		.40						.30							T.			3.65
Jonesboro	White	.80									.30		.41	.04	.70			.05					.05				.03						2.38
Junction	Ouachita	.36							T.		.48					32		T.					.50										1.66
Lead Hill	White	T.					.11	46			.18			.62			.19	.05				T.	T.										1.61
Little Rock ***	Arkansas	.30	T.				.08	.08	T.	01	.08	.01	.31	.08		.24	.11	.16				.35	T.				.04		T.	T.			1.85
Lurton	White	.05					.03	.16		T.	.58		.05	1.02	.01		.36	.08	.01			.06	.05				.01						2.47
Lutherville	Arkansas						T.				.55			1.15			.37	.12				.03					.09						2.31
Magnolia	Red	.45									.36		.20	2.40		.05	.22	.20					.52										4.40
Malvern	Ouachita	1.60	.10					.19		.05	.21		.11	1.10		.05	.31		.10				.50				.05						4.37
Mammoth Spg.	White																																
Marianna	Mississippi	.50	.18									.13	.10	.25	.37	.30		.18					.14										2.15
Marked Tree	Mississippi	.38	.33					.02			T.	.17	.32	1.05	.27		.02		.14				.10				.03	.02					2.85
Marshall	White	.21					T.	.31	T.	.15			.81			.28	.01					T.	.01			.02							1.80
Mena	Ouachita							.30	.09	.23	.54		.02	1.13			.54	.20	.01				.04							T			3.10
Morrilton	Arkansas	.90	.35					.10			.10			1.25			.34						.80										3.84
Mountain Home	White													.63			.15						T.										0.78
Mount Ida	Ouachita	.10						.10		.23	.32		.02	1.46		.04	.52	.08				.11								T			2.98
Newport	White	.71	.07					.04				.13	.25	.60			.04		.02				.02							T.			1.88
Norman	Ouachita	.10						.15			.60	.12		1.24			.62	.12				.20								T.			3.15
Oden	Ouachita							.15	.22	.18			1 02			1.05		T.				.15								T.			2.77
Osceola	Mississippi		.49									.27		.80	.65				.12				.08				T.						2.41
Ozark	Arkansas							.26			.43			.55			.35	.17					T.										1.76
Paragould	Mississippi	.70									.37		.45	.78	.19	.03		T.								.95							3.47
Patterson	White	.75									.11		.56	.71			08						.10										2.31
Piggott	Mississippi	1.07						.02			.39		.36	.66	.12			.03					T.				.09						2.74
Pine Bluff	Arkansas	.15	.20					.12		.05	.03	.01	.05	.79			.32	.01	.23				.52				.06	T.			T.		2.54
Pocahontas	White	.68									.18		.25	.26			.05											.12					1.54
Portland	Ouachita	1.65	1.56					T.	T.	T.	.10	.12	.30	.60		.07	.60						.80				.52						6.32
Prescott	Ouachita	.18					T.			.21		T.	.94			.48		.39				.45					T.			T.			2.65
Princeton	Ouachita	.10						.35			.55			.72	.56				.15	.25			.50										3.18
Rison	Ouachita	.17						.20				.20		1.43			.33	.40				T.	.30										3.03
Rogers	White						.20	.32			.34				.14		.28					.03	.02							T.			1.33
Saratoga	Red	.58	.02					.06		.16	.43		.04	.69		.09	.35	.48				.11	.11										3.12
St. Francis	Mississippi	.58	.52					T.			.14		.52	.68	.22	T.	T.					T.					.10						2.76
Searcy	White	.64						.11			.08		.08	.63			.09	.08					.05				.05						1.81
Springbank	Red	.22	T.					T.	T.	.32	.85	.05	T.	1.15	T.	T.	.08	T.	.08			T.	.80				.08	T.					3.63
Story	Ouachita									.33			1.30		.50		.10					.10											2.33
Stuttgart	Arkansas	.12					.07			.03	.07	.08	.58	2.04		.26		.21			.29					.12							3.87
Subiaco	Arkansas						T.	.28		.01	.28			1.08		.02	.37					.11	.04			T.	.10						2.29
Texarkana	Red	.84									.93			.63					.30				.32										3.02
Thornburg	Arkansas	1.54								.03	.16					T.	.44	.11					.11							T.			2.39
Waldron	Arkansas							.17			.43			.96			.48	.09					.03			T.				.02			2.18
Warren	Ouachita	.13		.45				.15		T.		T.	.87	1.00	.05		.55				.30		.20					.30					4.00
Waters	Ouachita										.72			1.09			.64	.09				.14								T.			2.68
Whitecliffs	Red	.22						T.	T.	.36	.46			.98			.33	.35	T.				.40				T.			T.			3.10
Wilson	Mississippi	.50	.50									.25	.10	.40	.60								.10				.15						2.60
Winslow	Arkansas	1.15	T.				.20	.16			.44		T.	.25			.31	.13				T.	.02			.01	.05			T.			2.72
Wynne	Mississipp	.40									.30		.45	.35		.20		.20					.50	.20									2.60
Yancopin	Arkansas	.50	1.18	.03				.04		T.		.05	.41	.49	.35		.55		.28				.40				.19				T.		4.47

Daily River Stages for November, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.8	6.1	6.6	5.7	5.2	4.7	4.8	5.2	5.0	5.3	5.1	5.4	5.5	5.1	4.9	4.9	4.9	5.2	5.4	5.3	5.1	4.8	4.6	4.2	4.1	3.9	3.8	3.8	3.7	3.9	
Ozark	do	22	1.8	3.4	3.0	2.8	2.7	2.5	2.4	2.2	3.4	3.0	2.6	2.4	2.4	2.8	2.6	2.5	2.4	2.3	2.3	2.6	2.8	2.7	2.6	2.4	2.0	1.7	1.5	1.3	1.1	1.1	
Dardanelle	do	20	6.2	6.2	6.2	6.3	6.1	5.8	5.3	5.3	5.5	5.5	5.6	6.4	5.8	6.0	6.5	6.8	6.0	5.8	5.5	5.7	6.0	5.5	5.5	5.4	5.3	5.0	4.8	4.8	4.9	4.8	
Morrillton	do	20	3.0	2.6	3.0	2.6	2.8	2.5	2.0	2.0	1.8	2.0	2.1	2.0	2.0	2.5	2.8	2.6	2.5	2.3	2.0	1.8	1.8	1.8	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	
Little Rock	do	23	0.5	3.0	3.3	3.4	2.9	2.8	2.5	2.9	1.9	1.0	1.1	1.3	1.5	1.8	2.0	2.5	2.6	2.1	1.9	1.6	1.5	2.0	2.0	1.8	1.5	1.3	0.9	0.7	0.7	0.5	
Pine Bluff	do	25	6.1	6.3	8.2	8.7	8.5	8.1	8.1	7.7	7.0	6.8	6.6	6.8	7.0	7.1	7.2	7.6	7.8	7.7	7.5	7.2	7.0	7.0	7.2	7.4	7.2	6.9	6.6	6.4	6.0	5.8	
Yancopin	do	20	7.3	7.2	7.5	10.0	11.7	12.0	11.9	12.0	12.3	12.5	12.9	13.2	13.5	13.8	13.8	13.7	13.5	13.4	13.0	12.7	12.7	13.5	14.8	16.0	16.9	17.6	18.2	18.3	19.4	19.8	
Danville	Petit Jean	20	16.8	11.7	7.4	3.6	2.8	2.6	2.4	2.1	2.0	2.0	2.0	2.0	3.2	5.1	4.8	4.4	4.5	4.6	4.5	4.4	4.4	4.3	3.8	3.5	8.2	2.8	2.6	2.5	2.4	2.4	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	13.0	8.0	6.7	5.6	4.8	4.5	3.9	3.6	3.6	3.5	3.8	3.3	3.6	4.0	3.9	4.2	4.0	3.6	3.8	3.6	3.4	3.2	3.1	2.9	2.4	2.7	2.9	2.7	1.9	2.0	
Calico Rock	do	23	15.1	9.8	6.4	5.1	4.2	3.7	3.3	2.5	2.4	2.2	2.1	2.1	2.1	1.9	2.6	2.8	2.5	2.4	2.2	2.2	2.0	1.7	1.5	1.5	1.5	1.3	1.1	1.4	1.2	0.9	
Batesville	do	26	17.8	20.3	14.0	11.4	10.3	9.4	8.8	8.3	7.7	7.6	7.4	7.3	7.1	7.3	7.1	7.7	8.2	7.6	7.4	7.2	7.2	7.2	6.7	6.4	6.2	6.2	6.1	6.4	6.1	5.8	
Newport	do	20	5.1	15.9	19.8	13.6	11.0	9.1	7.7	6.7	6.7	5.0	4.9	4.5	4.5	4.1	4.8	4.1	4.5	4.5	4.4	4.1	4.0	3.9	3.8	3.5	3.4	3.1	3.0	2.9	2.9	2.9	
Georgetown	do	21	2.3	4.1	12.5	15.1	15.0	14.1	12.8	11.5	10.2	9.0	8.0	7.3	6.8	6.4	6.0	5.8	5.9	5.9	5.9	5.9	5.8	5.6	5.4	5.2	5.0	4.7	4.5	4.3	4.0	4.0	
De Valls Bluff	do	34	6.0	6.1	9.2	14.6	16.7	17.2	17.3	16.8	16.0	15.0	13.8	12.8	12.0	11.3	10.9	10.6	10.3	10.2	10.3	10.3	10.2	10.1	9.8	9.6	9.4	9.1	8.8	8.6	8.8	8.1	
Clarendon	do	12	8.7	8.6	9.5	13.6	16.3	17.7	18.3	18.5	18.3	17.9	17.1	16.2	15.3	14.6	14.0	13.5	13.1	13.0	12.9	12.9	12.8	12.7	12.6	12.4	12.3	12.2	12.0	11.8	11.6	11.5	
Gilbert	Buffalo	14	6.0	4.7	4.4	4.1	3.9	3.8	3.7	3.5	3.4	3.4	3.4	3.4	5.8	5.0	4.6	4.2	3.9	3.7	3.6	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	
Black Rock	Black	30	6.0	6.2	6.6	7.0	6.6	6.2	6.0	5.8	5.5	5.1	5.0	4.8	4.7	4.5	4.3	4.2	4.2	4.1	4.0	3.7	3.5	3.5	3.3	3.2	3.1	3.0	3.0	3.0	2.9	2.9	
Camden	Ouachita	28	4.8	5.3	8.0	11.3	9.2	7.1	6.0	6.0	5.9	6.0	6.0	5.0	4.8	4.9	5.0	8.9	9.1	9.6	9.3	9.0	9.3	8.9	8.3	7.8	7.3	7.0	6.0	6.0	6.0	5.9	
Fulton	Red	44	7.5	10.5	11.4	12.0	12.4	11.7	10.3	9.3	8.3	7.8	7.4	7.8	9.3	10.4	11.6	12.0	11.1	10.2	9.8	9.5	9.8	10.1	10.1	9.6	9.0	8.6	8.3	7.9	7.6	7.4	
Helena	Mississippi	48	11.9	12.7	13.5	14.5	15.2	16.0	17.0	18.4	20.2	21.7	22.9	23.1	23.4	23.2	22.8	22.1	21.2	20.5	20.2	20.9	22.9	25.1	26.9	28.0	28.9	29.8	30.7	31.5	32.0	32.1	
Arkansas City	do	48	12.6	13.1	13.8	14.5	15.8	17.0	18.0	19.2	20.4	22.3	23.8	25.1	25.7	26.0	26.0	25.7	25.3	24.6	23.8	23.4	23.5	24.8	26.7	28.6	29.7	30.7	31.5	32.3	33.0	33.6	

Daily Temperatures for November, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	64	66	69	56	63	60	61	60	60	71	66	82	45	51	47	54	46	60	58	47	37	35	36	50	47	43	64	69	40	45		55.1
	Minimum	51	50	44	40	30	30	36	46	48	48	46	49	43	36	35	39	39	31	32	31	33	27	20	20	30	32	38	33	33	19		36.3
Bentonville	Maximum	61	56	61	50	58	53	55	55	58	65	71	57	39	42	45	42	47	46	39	38	30	34	40	44	47	44	59	56	32	37		48.7
	Minimum	41	35	31	31	29	35	43	45	47	43	43	39	34	35	40	36	34	32	31	26	20	13	19	28	29	35	34	33	21	19		32.7
Bee Branch	Maximum	64	65	66	65	56	55	59	62	61	67	66	69	68	52	51	52	49	55	54	50	42	37	42	47	47	46	64	64	59	37		55.9
	Minimum	48	47	39	37	26	31	43	40	46	43	40	55	40	38	36	41	33	31	29	30	24	23	15	22	26	36	31	32	24	14		34.0
Blytheville	Maximum	79	63	69	71	62	60	62	..	..	..	..	73	70	59	54	63	56	56	59	52	45	43	50	47	47	50	66	55	44	42		57.6
	Minimum	54	50	52	40	32	34	47	..	..	..	..	53	52	46	46	46	40	33	35	36	25	25	21	32	34	40	38	36	22	14		37.8
Booneville	Maximum	67	68	70	62	63	57	59	61	60	75	68	65	51	44	49	49	49	58	56	59	40	40	46	49	53	45	65	65	57	45		56.5
	Minimum	46	42	36	36	27	34	46	44	49	49	41	51	38	38	33	41	37	28	30	28	30	25	18	23	26	31	25	30	31	16		34.3
Brinkley	Maximum	62	62	70	66	62	64	68	62	61	77	67	76	67	53	51	58	47	60	55	49	38	38	45	48	46	45	62	68	62	42		57.7
	Minimum	54	50	47	37	25	27	46	41	48	56	42	58	47	42	41	46	35	31	29	34	27	26	12	23	30	40	40	33	29	14		37.0
Calico Rock§§	Maximum	60	65	68	55	61	61	64	64	62	75	70	76	46	49	52	57	52	55	53	44	36	39	46	49	51	61	69	71	38	45		56.5
	Minimum	51	46	36	34	27	28	31	33	34	42	36	38	42	40	41	42	31	29	30	31	17	19	14	14	22	26	26	26	24	13		30.8
Camden§§	Maximum	58	61	71	61	64	62	69	63	67	71	68	83	49	55	48	57	59	62	62	52	38	35	43	48	47	48	65	71	42	46		57.5
	Minimum	57	54	48	40	27	27	37	47	49	51	43	53	46	37	35	39	37	31	31	32	36	28	13	13	33	34	41	31	31	18		36.6
Center Point	Maximum	68	67	73	63	61	60	65	61	58	70	70	78	67	53	48	53	50	59	59	53	44	37	42	51	47	46	58	69	64	44		57.9
	Minimum	52	47	46	36	37	43	45	49	48	52	52	63	42	33	32	38	40	31	34	34	29	27	22	27	34	38	38	40	33	21		38.8
Conway	Maximum	63	66	69	62	62	63	64	64	62	73	70	72	59	53	53	57	50	59	54	48	42	39	44	49	50	49	60	71	60	44		57.7
	Minimum	52	50	42	40	27	32	47	44	51	57	44	59	44	42	39	44	37	32	33	34	29	28	18	26	28	40	28	32	29	16		37.5
Corning	Maximum	67	66	67	58	58	58	60	63	64	75	70	68	63	52	51	59	51	59	53	49	37	38	44	48	51	53	68	60	34	40		56.1
	Minimum	52	48	38	37	24	37	45	35	41	56	37	54	47	44	45	45	31	28	30	30	17	23	14	21	24	38	33	32	21	11		34.6
Dardanelle	Maximum	66	67	70	60	63	59	63	61	61	73	68	67	59	57	54	55	50	58	56	50	43	42	44	50	51	48	66	68	59	45		57.8
	Minimum	52	48	40	39	29	34	47	41	51	54	43	58	42	40	37	45	41	31	33	33	27	28	19	24	29	39	29	32	32	18		37.2
Dumas	Maximum	65	62	72	62	62	65	68	62	66	70	62	82	71	55	52	58	50	61	57	51	42	37	39	49	48	60	64	70	64	47		59.1
	Minimum	56	53	55	42	29	31	47	47	52	56	49	59	48	42	38	44	39	34	34	35	30	26	13	21	31	40	40	35	28	20		39.1
Dutton	Maximum	63	60	64	52	52	52	58	65	58	65	69	68	46	40	48	47	44	49	48	49	34	38	42	46	47	44	61	62	48	35		51.8
	Minimum	38	32	26	30	19	25	39	35	42	43	36	43	32	32	36	35	30	34	29	24	13	18	11	17	19	34	31	25	20	7		28.2
El Dorado	Maximum	70	62	71	65	62	63	67	63	65	73	72	83	67	55	47	58	53	64	62	56	49	39	42	47	45	48	68	74	68	41		60.0
	Minimum	57	54	54	43	33	35	46	49	52	62	53	66	45	39	37	40	39	38	33	30	30	27	18	28	35	40	38	36	34	22		40.8
Eureka Springs	Maximum	63	57	63	53	62	57	60	61	58	66	77	62	47	44	47	45	51	49	41	40	32	40	43	46	52	43	63	59	41	36		51.9
	Minimum	40	36	35	31	31	38	42	40	45	47	46	46	34	35	39	39	33	33	29	26	18	14	19	27	30	36	37	40	21	19		33.5
Fayetteville	Maximum	62	60	62	64	60	53	59	59	60	66	71	61	43	44	48	44	50	49	44	39	33	40	44	46	50	45	60	53	42	38		51.8
	Minimum	41	36	33	31	29	32	43	42	46	45	46	42	33	35	40	40	35	32	29	26	20	18	19	25	28	34	33	35	23	19		33.0
Fort Smith	Maximum	66	63	68	56	62	50	57	62	60	68	68	60	44	45	49	47	51	56	54	44	37	39	43	44	51	45	64	60	37	45		53.2
	Minimum	48	45	40	40	33	39	45	49	52	49	46	44	38	38	39	42	37	33	33	32	31	26	23	27	30	35	29	36	28	23		37.0
Grannis	Maximum	74	71	74	61	61	57	61	63	66	68	64	75	54	50	56	51	48	62	62	50	44	41	44	51	46	45	70	71	63	41		58.1
	Minimum	46	42	38	32	26	31	42	43	46	44	41	52	39	30	28	36	38	25	25	28	28	24	16	22	26	36	32	28	30	13		32.9
Gravette	Maximum	59	55	58	50	57	54	54	55	59	64	72	63	43	43	45	44	45	44	44	39	33	32	39	42	47	45	59	56	47	37		49.5
	Minimum	41	34	31	29	28	27	42	45	45	44	43	41	31	31	37	39	32	36	29	26	21	13	18	26	26	35	33	34	23	17		31.9
Helena	Maximum	68	60	70	57	60	63	68	62	62	74	65	74	68	51	50	58	50	59	56	48	39	36	42	49	45	49	62	69	44	41		56.7
	Minimum	54	51	53	39	33	33	44	43	50	58	48	56	49	42	44	44	39	33	31	33	29	25	23	26	38	39	40	36	22	19		39.2
Hope	Maximum	68	64	74	64	67	65	69	68	59	70	69	87	70	55	59	60	49	61	68	49	40	38	51	53	53	45	63	78	60	57		61.1
	Minimum	52	51	45	37	30	35	46	45	49	55	54	64	43	34	34	38	41	31	30	35	30	25	17	25	31	40	36	32	27	19		37.7
Hot Springs	Maximum	65	67	64	63	66	59	64	70	68	61	62	68	63	62	62	58	52	50	48	52	48	46	44	46	50	54	50	54	48	46		57.0
	Minimum	50	39	36	29	30	40	42	46	47	49	49	46	39	34	34	34	35	35	34	32	30	31	30	30	31	32	34	31	30	31		36.3
Jonesboro	Maximum	58	60	62	68	61	60	61	64	64	73	66	68	69	69	51	58	50	57	53	52	50	39	44	50	48	44	46	65	43	54		56.9
	Minimum	36	38	37	39	30	30	31	40	45	56	42	56	58	43	45	44	38	34	35	30	24	24	20	28	30	39	39	40	23	14		36.3
Lead Hill	Maximum	62	61	64	55	62	56	60	63	61	71	72	68	51	46	49	52	50	50	45	43	35	38	46	47	55	49	63	63	45	40		54.1
	Minimum	48	36	30	28	22	27	48	34	40	52	34	49	38	38	43	41	37	28	30	29	15	19	12	20	22	30	26	33	21	11		31.4
Little Rock	Maximum	59	62	67	54	61	60	63	61	60	73	68	74	50	51	50	55	46	61	53	44	37	31	42	48	48	45	66	66	45	42		54.9
	Minimum	52	51	48	42	36	41	47	46	49	56	51	50	44	42	40	42	40	35	38	35	29	27	24	32	36	40	38	42	29	22		40.2
Lutherville	Maximum	66	66	69	61	60	55	63	65	59	69	65	65	52	50	51	51	49	56	55	50	40	41	45	45	50	46	64	61	54	40		55.4
	Minimum	50	45	39	39	30	36	44	43	50	51	45	51	40	38	36	42	38	32	32	30	27	24	19	25	28	38	33	39	26	17		36.2
Magnolia	Maximum	65	60	65	70	64	61	67	64	63	71	..	85	69	53	49	57	50	61	62	56	46	34	42	47	46	47	65	72	65	45		58.7
	Minimum	55	54	45	40	29	35	45	48	50	58	..	58	44	36	35	38	39	30	30	37	30	28	15	27	34	40	34	33	35	20		38.0
Malvern	Maximum	70	65	72	65	62	63	67	62	61	73	68	80	69	54	49	56	49	61	59	52	44	39	44	52	47	46	64	69	64	44		59.0
	Minimum	53	50	44	37	28	31	46	47	49	57	45	59	44	37	35	42	37	31	29	35	30	27	16	25	31	40	39	31	30	19		37.5
Mammoth Spg	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Marshall	Maximum	68	83	63	63	53	59	59	62	58	59	67	75	71	61	50	51	47	52	..	..	54	42	42	45	54	57	65	66	54	41		57.9
	Minimum	49	42	35	31	26	31	44	35	42	53	40	51	31	31	41	41	35	39	..	..	19	22	17	22	26	36	30	34	22	16		33.2
Mena	Maximum	66	67	67	56	59	67	59	58	55	66	62	68	50	42	44	48	45	56	54	44	35	36	43	48	48	45	65	66	55	42		53.9
	Minimum	57	46	41	40	29	35	43	46	46	48	44	48	37	31	32	36	38	29	34	30	27	26	19	24	30	34	34	36	27	18		35.6
Mount Ida	Maximum	66	67	72	63	61	59	62	60	59	71	66	74	54	49	48	51	47	61	58	50	42	40	45	51	47	48	69	71	61	43		57.2
	Minimum	50	43	35	32	23	27	45	39	45	55	39	53	40	31	28	40	45	25	25	28	23	28	14	20	25	39	27	26	29	13		33.1
Newport	Maximum	69	67	71	58	60	66	66	66	64	74	66	76	66	56	52	58	53	61	55	47	39	40	45	51	69	50	67	68	43	42		58.8
	Minimum	52	48	48	39	29	30	45	39	44	59	41	58	45	41	48	43	37	29	34	33	25	25	18	24	27	39	33	35	25	15		36.9
Pine Bluff	Maximum	70	59	70	60	56	64	67	63	63	79	64	83	65	58	49	59	48	62	57	50	41	37	43	48	48	47	66	69	63	47		58.5
	Minimum	55	53	50	42	37	32	47	47	50	57	48	60	47	42	39	42	42	34	34	37	30	22	15	27	33	40	40	35	30	20		39.6
Pocahontas	Maximum	69	65	66	65	59	61	62	65	65	75	69	70	65	52	52	57	58	57	54	51	39	39	46	48	50	54	68	66	40	39		57.4
	Minimum	50	48	42	38	27	28	44	40	44	56	39	55	48	43	44	45	34	30	35	31	18	22	15	23	25	39	33	39	22	13		35.7
Portland	Maximum	76	69	71	67	59	61	67	62	65	74	68	81	75	54	51	58	50	62	58	53	46	38	36	47	45	50	67	72	64	44		59.7
	Minimum	58	54	56	46	32	33	46	49	52	60	59	62	51	42	41	42	38	34	33	40	35	30	24	27	35	40	43	36	40	20		41.9
Prescott	Maximum	75	77	78	69	68	60	63	67	69	81	28	80	72	68	64	66	64	63	59	57	48	46	47	53	55	55	54	55	58	48		62.6
	Minimum	52	51	49	43	30	34	39	44	46	47	45	46	44	34	35	36	35	32	33	34	33	26	18	29	32	38	37	39	33	20		37.1
Rison	Maximum	74	61	71	66	65	65	69	65	65	74	75	85	77	59	66	59	56	62	69	57	50	39	45	49	..	48	67	71	..	68		63.5
	Minimum	55	53	49	40	31	33	46	48	51	59	47	59	47	41	38	42	41	33	32	32	33	22	16	27	..	33	40	36	..	26		39.6
Searcy	Maximum	65	65	69	58	59	63	65	64	63	74	65	75	70	54	53	57	51	59	55	51	44	39	46	49	44	47	64	67	58	42		57.8
	Minimum	51	49	42	37	26	29	46	42	47	57	40	58	44	42	38	43	35	28	27	34	26	25	17	24	26	38	34	32	27	13		35.9
Stuttgart	Maximum	64	60	69	65	61	63	66	60	64	76	71	79	70	58	50	57	53	60	56	50	42	35	43	47	46	48	64	68	63	43		58.4
	Minimum	55	51	49	39	29	31	46	44	50	57	47	58	48	43	40	45	39	34	31	33	30	25	14	25	32	40	40	34	18	28		38.5
Texarkana	Maximum	65	65	73	65	65	67	69	63	60	67	73	79	60	53	45	45	49	65	64	51	43	36	45	45	50	56	67	74	59	45		58.8
	Minimum	52	49	45	37	30	29	44	49	49	49	51	60	40	34	30	34	35	28	29	34	27	23	18	24	34	37	30	34	34	18		36.7
Thornburg	Maximum	58	65	66	55	60	59	59	58	58	72	67	69	49	44	48	53	45	57	52	44	35	36	45	47	46	45	65	68	56	41		54.0
	Minimum	47	43	34	35	21	25	43	36	45	48	37	49	38	36	35	37	31	26	32	28	20	16	10	20	24	37	24	26	27	10		31.3
Warren	Maximum	75	60	69	65	69	59	64	62	64	68	62	79	76	61	52	72	65	70	60	60	50	54	40	59	47	49	48	69	61	55		61.2
	Minimum	56	55	54	43	32	35	47	49	53	60	49	61	46	41	39	42	42	45	34	29	29	28	30	30	30	31	42	36	33	24		40.8
Wilson	Maximum	60	60	68	60	58	61	64	61	66	75	71	74	66	54	52	57	55	56	52	46	39	38	44	47	46	47	61	57	59	49		56.9
	Minimum	53	49	48	39	28	29	44	40	44	57	46	57	50	39	46	45	35	32	33	35	21	23	17	27	33	40	38	40	23	13		37.5
Wynne	Maximum	69	64	69	59	60	65	64	67	64	75	76	76	65	55	49	57	51	63	58	60	52	37	43	50	45	48	61	67	48	40		58.6
	Minimum	54	52	47	36	31	31	35	32	46	41	48	44	49	42	44	38	35	42	40	30	26	26	16	26	31	39	36	33	26	15		36.5

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

Weather Bureau, Little Rock, Ark., 12-26-29-980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXIV LITTLE ROCK, ARK., DECEMBER, 1929 No. 12

GENERAL SUMMARY

Although the mean temperature and average precipitation for the month of December were near normal, there were periods during the month with marked departures. The month opened with temperatures considerably below normal and cool weather prevailed in most sections during the first week. From the 10th to the 17th unusually warm weather prevailed, positive departures of 20° to 25° occurring. This was followed by severely cold weather from the 18th to the 24th, negative departures of 20° to 25° occurring with temperatures below zero at several northern stations. During the closing days of the month moderate temperatures again prevailed. Precipitation occurred in most sections of the State from the 13th to the 18th or 19th while during other periods amounts were light and scattered. The last decade had about one rainy day, unusually fine weather prevailing through the holidays.

The mean temperature for the month, as determined from the records of 59 stations, was 44.4° which is 1.9° above normal. Of the stations for which normals have been computed, four northern and five southern showed negative departures, positive at all others. Monthly means ranged from 37.6° at Mammoth Spring to 50.6° at Hope, a difference of 13.0° between northern and southern sections of the State. Extremes ranged from 82° at Hope on the 12th to 5° below zero at Dutton on the 20th.

The average precipitation for 90 stations was 3.84 inches which is 0.21 inch below normal. Monthly totals ranged from 5.88 inches at El Dorado to 1.51 inches at Jonesboro. The outstanding feature of the December precipitation in Arkansas was the unusually heavy snowfall in southern sections of the State on the 21st and 22d, El Dorado reporting 18.2 inches, an unprecedented snowfall for south Arkansas. The average snowfall for 65 stations was 3.7 inches.

For the month as a whole the weather was favorable for winter crops, wheat, rye, and meadows being in good condition at the close of the month. Some cotton was picked, corn gathered, and rice threshed and at the close of the month this work was practically completed. Some plowing was done, but in most sections the soil was too wet. Considerable meat spoiled during the period of high temperatures. W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:---6th, 6; 7th, 15; 8th, 1; 12th, 3; 13th, 12; 14th, 6; 15th, 11; 16th, 6; 17th, 21; 18th. 8; 27th, 1.

DENSE FOG:------7th, 4; 8th, 6; 9th, 20; 10th, 24; 11th, 4; 12th, 1; 13th 3; 14th, 14; 15th, 9; 16th, 7; 17th, 5; 23d, 2; 27th, 1; 28th, 8.

LUNAR HALOS:-----10th, 1; 11th, 1; 13th, 1; 20th, 1; 21st, 1.

SOLAR HALOS:-----12th, 1.

SLEET:---1st, 3; 18th, 4.

GLAZE:---1st, Grannis, Jessieville, Little Rock, Thornburg.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.10	30.57	21	29.60	31	4,643	23	s.	5	......	......	68
Fort Smith	30.14	30.62	21	29.68	17	5,072	26	nw.	18	83	69	55
Little Rock	30.16	30.63	21	29.68	17	5,926	26	nw.	18	81	64	50
Memphis	30.16	30.65	21	29.63	18	5,765	29	n.	18	79	74	42

COMPARATIVE DATA FOR DECEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**42.5**		**88**		**-21**		**4.05**		**12**	**6**	**13**	**7**
1891	46.9	+4.4	72	5	13	26	4.69	+0.64	14	7	10	7
1892	40.9	-1.6	83	3	-10	26	8.79	+4.74	7	6	18	10
1893	45.4	+2.9	79	25	3	4	1.83	-2.22	14	8	9	5
1894	44.6	+2.1	82	8	-11	27	3.48	-0.57	14	6	11	6
1895	43.8	+1.3	78	18	5	3	3.96	-0.09	13	6	12	7
1896	45.8	+3.3	81	10	8	1	0.84	-3.21	8	7	16	8
1897	40.3	-2.2	81	9	10	4	6.00	+1.95	10	5	16	5
1898	39.5	-3.0	76	29	-4	14	1.87	-2.18	16	6	9	5
1899	41.0	-1.5	74	1	8	15	4.08	+0.03	15	7	9	7
1900	44.9	+2.4	82	17	10	31	2.76	-1.29	16	6	9	5
1901	38.5	-4.0	87	24	-6	15	4.42	+0.37	12	6	13	6
1902	40.8	-1.7	75	3	5	26	5.71	+1.66	10	6	15	8
1903	39.7	-2.8	74	22	6	26	3.44	-0.61	18	5	8	6
1904	42.9	+0.4	80	2	3	29	5.10	+1.05	12	7	12	7
1905	38.5	-4.0	69	8	7	4	4.96	+0.91	14	5	12	9
1906	46.5	+4.0	83	3	10	23	5.64	+1.59	8	7	16	8
1907	44.4	+1.9	85	23	11	11	2.70	-1.35	12	6	13	7
1908	46.0	+3.5	82	15	11	2	1.50	-2.55	13	7	11	5
1909	35.3	-7.2	82	4	1	9	5.26	+1.21	14	6	11	9
1910	40.8	-1.7	75	28	9	7	3.57	-0.48	13	6	12	6
1911	43.0	+0.5	78	10	3	31	7.00	+2.95	10	7	14	12
1912	41.7	-0.8	76	19	8	9	2.63	-1.42	14	7	10	7
1913	43.6	-1.1	77	1	14	26	3.26	-0.79	7	7	17	9
1914	36.1	-6.4	70	2	-11	15	6.26	+2.21	8	4	19	12
1915	43.9	+1.4	78	21	11	16	4.73	+0.68	12	4	15	7
1916	42.1	-0.4	82	1	-16	15	3.35	-0.70	14	6	11	6
1917	34.8	-7.7	81	3	-21	9	1.29	-2.76	13	6	12	3
1918	47.6	+5.1	88	10	9	26	5.62	+1.57	14	5	12	7
1919	40.4	-2.1	78	31	1	10	1.94	-2.11	13	4	14	5
1920	43.2	-0.7	74	31	6	25	5.95	+1.90	13	5	13	8
1921	47.1	+4.6	82	13	11	25	2.78	-1.27	13	6	12	6
1922	47.8	+5.3	86	5	12	18	4.59	+0.54	12	5	14	9
1923	49.1	+5.6	80	8	9	31	6.24	+2.19	9	5	17	13
1924	41.4	-1.1	86	14	-8	25	5.65	-0.10	14	5	12	6
1925	40.2	-2.3	81	8	-6	28	1.71	-2.34	15	5	11	3
1926	43.3	-0.8	79	4	-3	26	7.15	+3.10	11	4	16	10
1927	40.9	-1.6	84	13	-2	31	4.18	+0.13	14	5	12	6
1928	43.4	+0.9	87	28	10	20	4.41	+0.36	18	5	8	6
1929	44.4	+1.9	82	12	-5	20	3.84	-0.21	13	5	13	8

Climatological Data for December, 1929

Stations	Counties	Elevation, feet	Length of record, years	Temperature (Degrees Fahrenheit): Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: With precip 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	34	45.0	+2.2	75	12	9	19†	46	3.39	-1.02	1.30	0.0	7	14	8	9	sw.	J. W. Campbell
Arkadelphia	Clark	250	33	.....	.....	.....	.....	.....	.....	.....	1.46	-0.38	0.90	T.	7	13	3	15	s.	W. K. Brown
Arkansas City	Desha	145	45	.....	.....	.....	.....	.....	.....	.....	4.05	-0.86	1.10	10.0	5	10	3	18	.....	J. H. Catham
Arlberg	Stone	700	7	.....	.....	.....	.....	.....	.....	.....	4.98	.....	1.33	5.7	10	12	2	17	ne.	J. D. Reeves
Batesville	Independence	277	30	40.2	-0.4	74	11	1	3	49	2.81	-1.10	1.64	2.0	10	15	0	16	s.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	37	43.2	+1.0	72	11	9	20	47	4.89	+0.94	1.25	1.0	9	12	2	17	s.	J. E. Scanlan
Bentonville	Benton	1303	24	41.2	+3.7	73	11	0	19	34	2.71	0.45	1.61	1.0	9	21	1	9	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	27	.....	.....	.....	.....	.....	.....	.....	4.17	+0.72	2.22	3.5	9	17	2	12	s.	Vernon C. Howe
Blytheville	Mississippi	252	4	45.8	.....	76	11	4	3	38	2.31	.....	1.12	5.5	9	7	8	16	se.	B. E. Smith
Booneville	Logan	465	15	45.4	+1.9	75	10†	7	19	44	4.73	+1.88	1.57	T.	9	15	4	12	w.	F. H. Randolph
Brinkley	Monroe	205	42	45.6	+2.4	75	11†	9	20	39	4.36	-0.35	1.21	1.0	9	13[a]	6[a]	11[a]	se.	R. J. Torry
Calico Rock	Izard	361	25	40.4	+0.9	76	12	2	3†	52	5.70	+2.71	1.82	3.0	10	10	9	12	w.	W. J. Copp
Camden	Ouachita	158	44	44.8	-0.5	76	15	8	25†	46	4.23	-0.14	0.81	7.0	9	10	5	16	sw.	A. B. Quarterman
Center Point	Howard	470	30	47.1	+2.5	74	12	9	19	44	2.87	-1.35	1.31	T.	8	13	4	14	s.	John C. Floyd
Clarendon	Monroe	200	25	.....	.....	.....	.....	.....	.....	.....	5.59	-0.38	1.25	2.9	11	11	3	17	s.	J. W. Bishop
Clinton	Van Buren	516	8	.....	.....	.....	.....	.....	.....	.....	5.27	.....	1.65	0.3	9	13	2	16	sw.	A. L. Stephens
Conway	Faulkner	300	46	45.6	+3.4	77	14	10	20	40	2.12	-1.72	0.65	3.0	8	16	5	10	s.	[illegible] E. Cortney
Corning	Clay	293	36	42.0	+2.0	75	15	4	3	39	4.45	+0.10	2.15	6.0	7	16	5	10	sw.	Winfred D. Polk
Corning (river)	Clay	289	5	.....	.....	.....	.....	.....	.....	.....	3.55	.....	1.91	1.3	7	12	5	14	.....	Henry Stafford
Cotter	Marion	468	2	.....	.....	.....	.....	.....	.....	.....	3.95	.....	0.98	1.0	8	12	5	14	n.	[illegible] O. Linck
Crossett	Ashley	175	14	45.5	-1.2	79	10	7	23	41	4.51	+0.46	1.48	11.5	7	11	7	13	sw.	G. A. Gifford
Danville	Yell	327	15	.....	.....	.....	.....	.....	.....	.....	3.67	+0.71	1.11	0.0	6	17	1	13	w.	C. G. Hudson
Dardanelle	Yell	330	43	46.0	+3.8	76	11	10	19	43	2.10	-1.10	1.95	0.0	9	10	15	6	w.	C. O. N. Goodier
De Valls Bluff	Prairie	153	2	.....	.....	.....	.....	.....	.....	.....	3.67	.....	1.21	0.5	8	14	3	14	.....	R. G. Pate
Dumas	Desha	162	23	47.8	+0.4	79	12	15	15†	41	3.91	-1.45	0.97	10.0	8	11	12	8	s.	Ben Johnson
Dutton	Madison	1590	26	39.6	+1.6	70	11	-5	20	45	3.93	+0.53	0.85	3.0	8	12	10	9	s.	[illegible] M. Ricketts
El Dorado	Union	270	28	40.5	+1.3	75	9†	12	23	40	5.88	+1.22	1.50	18.2	5	12	5	14	sw.	J. J. Babb
England	Lonoke	229	22	47.0	+3.8	77	14	12	26	59	3.93	-0.65	1.30	0.5	11	14	6	11	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	20	38.6	+1.4	73	11	-2	19	31	2.66	+0.24	0.97	2.0	8	15	7	9	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	42	40.3	+2.4	74	11	0	19	55	3.12	+0.51	1.01	0.5	7	19	3	9	sw.	University of Arkansa
Fort Smith	Sebastian	457	48	44.5	+2.4	75	11	7	19	35	4.12	+1.30	1.45	T.	9	13	7	11	e.	U. S. Weather Burea
Freeman Springs	Pope	2240	5	.....	.....	.....	.....	.....	.....	.....	3.94	.....	1.10	1.9	11	13	2	16	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	43	.....	.....	.....	.....	.....	.....	.....	2.69	-1.62	0.79	0.0	6	12	0	19	.....	T. J. Logan
Georgetown	White	200	17	.....	.....	.....	.....	.....	.....	.....	3.25	+0.59	1.57	0.3	9	14	2	15	.....	W. R. Owens
Gilbert	Searcy	675	6	.....	.....	.....	.....	.....	.....	.....	3.61	.....	0.93	1.0	11	14	8	9	.....	Ben F. Battenfield
Grannis	Polk	900	10	45.8	.....	72	10	6	18	46	3.25	.....	1.26	T.	13	14	3	14	sw.	W. E. McVay
Gravette	Benton	1250	32	41.2	+3.6	73	11	0	19	41	1.69	-0.20	0.78	2.0	9	18	3	10	sw.	A. F. Stevens
Harrison	Boone	1052	28	43.7[a]	+6.4	80[a]	11	0[a]	19	39[a]	3.52	+1.62	1.45	1.5	7	17	6	8	.....	G. L. Wright
Helena	Phillips	250	57	45.9	+1.1	76	10	9	20	36	3.3	-1.64	0.92	3.0	9	12	5	14	s.	James A. Burnett
Higden	Cleburne	445	11	.....	.....	.....	.....	.....	.....	.....	3.80		1.05	0.6	10	5	10	16	s.	Geo. W. Baker
Hope	Hempstead	377	58	50.6	+3.9	82	12	11	19	47	3.94	-0.40	1.48	0.0	7	15	6	10	w.	N. P. O'Neal
Hot Springs	Garland	600	36	41.7	-4.5	70	10	6	18	38	2.85	-1.33	1.50	T.	4	8	16	7	.....	G. C. Bolton
Index‡‡	Little River	275	4	.....	.....	.....	.....	.....	.....	.....	2.90	.....	0.96	0.0	8	10	0	21	.....	H. G. Sanderson
Jessieville††	Garland	750	3	.....	.....	.....	.....	.....	.....	.....	2.63	.....	1.06	0.5	8	14	1	16	.....	U. S. Forest Service
Jonesboro	Craighead	345	33	43.0	+2.0	73	9	8	3†	45	1.51	-3.11	0.31	4.2	9	13	10	8	sw.	Benedictine Sisters
Junction‡‡	Union	182	35	45.5	-0.6	74	17	9	22	45	4.22	+0.45	2.12	13.0	4	16	5	10	sw.	J. A. Lowderback
Lead Hill	Boone	650	2	41.6	.....	75	11†	3	25	39	2.71	.....	0.73	0.5	9	19	3	9	sw.	J. H. Crosswhite
Little Rock	Pulaski	357	50	46.1	+1.9	76	14	15	19	31	5.81	-0.33	1.16	0.6	10	12	5	14	sw.	U. S. Weather Bureau
Lurton	Newton	2100	4	40.5	.....	65	11	1	19	29	1.55	.....	1.06	2.4	11	14	8	9	s.	L. C. Sutton
Lutherville‡‡	Johnson	775	31	43.8	+2.6	76	11†	6	19	52	4.66	+1.12	1.33	1.5	8	14	3	14	e.	H. G. Lenhardt
Magnolia	Columbus	315	10	48.4	.....	78	29	15	19	47	5.20	.....	0.93	11.0	8	16	5	10	sw.	State Agri. School
Malvern	Hot Springs	277	42	46.0	+3.0	76	12	11	19	41	4.45	-0.25	1.00	0.0	8	14	2	15	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	24	37.6	-1.1	75	17	-2	3	51	4.35	+1.27	1.02	4.5	5	13	6	12	s.	W. C. Gregg
Marianna	Lee	235	17	45.5	+3.8	73	10	11	24	37	3.77	-0.79	1.21	2.2	7	11	9	8	s.	C. N. Houck
Marked Tree	Poinsett	229	21	41.2	+0.2	72	14	5	20	45	2.64	-1.84	0.93	0.9	9	10	15	6	ne.	Charles Walton
Marshall	Searcy	1070	15	40.5	+1.0	73	12	4	3†	43	4.09	+0.46	1.12	1.8	10	14	7	10	sw.	A. J. Parks
Mena	Polk	1185	41	44.6	+2.0	69	10†	5	19	38	3.06	-0.51	0.36	0.0	12	15	4	12	nw.	E. W. St. John
Morrillton	Conway	347	8	44.2	.....	73	12	12	19	41	3.50	.....	1.45	T.	7	14	2	15	ne.	John Cook
Mountain Home	Baxter	800	15	..	.....	..	..	..	..	..	.....	.....	.....	.....	..	..	..	..	.....	B. S. Halbert
Mount Ida	Montgomery	650	30	44.8	+1.3	74	14	6	20	45	2.88	-1.31	0.96	T.	5	14	1	16	sw.	G. A. Whittington
Newport	Jackson	231	45	44.6	+2.7	76	11	8	3	39	3.40	-0.46	1.34	1.5	11	12	5	14	n.	A. C. Wilkerson
Norman	Montgomery	750	2	.....	.....	.....	.....	.....	.....	.....	3.67		2.25	T.	5	13	6	12	.....	U. S. Forest Service
Oden	Montgomery	800	3	.....	.....	.....	.....	.....	.....	.....	3.53	.....	1.80	0.0	4	12	4	15	sw.	U. S. Forest Service
Osceola	Mississippi	240	31	44.4	-1.4	70[j]	10	7[j]	2	33[j]	5.46	-0.69	1.45	4.5	9	6[j]	6[i]	9[j]	s.	June Thomason
Ozark	Franklin	396	33	46.8	-0.4	77	11	8	14	40	4.36	+1.12	1.36	T.	8	14	2	15	sw.	Orkney O. Milton
Paragould	Greene	301	3	.....	.....	.....	.....	.....	.....	.....	5.30	.....	3.01	5.0	8	16	4	11	s.	W. R. Heagler
Patterson	Woodruff	196	13	.....	.....	.....	.....	.....	.....	.....	3.48	-0.52	1.25	9.2	7	16	0	15	s.	W. E. Baker
Piggott	Clay	307	5	.....	.....	.....	.....	.....	.....	.....	5.03	.....	2.24	5.0	11	14	2	15	sw.	V. C. Wright
Pine Bluff	Jefferson	215	42	48.3	+3.9	79	12	14	3†	40	5.00	+0.03	1.46	2.0	9	14	6	11	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	36	42.8	+2.0	70	11†	0	3	41	5.59	-1.95	2.55	0.5	8	10	5	16	s.	Benedictine Sisters
Portland	Ashley	122	23	45.2	+0.8	79	10	5	23	36	3.94	-1.56	1.20	12.5	5	10	7	14	n.	W. E. Edmiston
Prescott	Nevada	329	41	45.4	-0.3	78	26	12	19	50	2.77	-1.34	0.98	T.	7	14	0	17	n.	C. D. Calhoun
Princeton	Dallas	287	23	.....	.....	.....	.....	.....	.....	.....	3.79	-1.61	1.05	1.0	8	9	7	15	.....	Mrs. Dora Coleman
Rison	Cleveland	243	28	49.4	+3.9	78	9†	13	19	39	4.18	+0.47	1.25	2.5	6	15	6	10	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	38	42.1	+3.5	78	12	0	19	41	2.36	-0.06	1.19	1.9	7	19	3	9	sw.	Carl A. Starck
Saratoga	Howard	288	1	46.6	.....	75	12	9	3	49	4.38	.....	1.51	0.0	9	6	13	12	s.	Frank K. Hensley
St. Francis	Clay	200	2	.....	.....	.....	.....	.....	.....	.....	4.37	.....	1.80	5.4	10	15	0	16	.....	S. T. Rooney
Searcy	White	236	20	44.4	+1.9	75	12	8	20	41	3.36	-1.36	1.21	0.5	10	12	6	13	w.	Arthur D. Smith
Springbank‡‡	Miller	240	22	.....	.....	.....	.....	.....	.....	.....	5.35	+0.50	1.50	14.0	8	11	0	20	.....	Miss Grace Field
Story	Montgomery	700	5	.....	.....	.....	.....	.....	.....	.....	4.26	.....	0.98	0.2	9	14	6	11	s.	S. C. Story
Stuttgart	Arkansas	228	42	46.6	+3.0	76	11	13	20	33	5.18	+0.47	1.74	1.0	10	15	6	10	w.	Adam F. Buerkle
Subiaco	Logan	1050	32	45.3	+3.1	77	12	13	2	42	3.75	-0.80	1.05	T.	11	17	2	12	s.	New Subiaco Abbey
Texarkana	Miller	332	43	46.9	+0.1	77	10†	9	19	42	3.56	+0.03	1.23	2.0	5	12	9	10	n.	H. S. Brashear
Thornburg	Perry	650	5	43.9	.....	73	14	5	3	45	3.30	.....	1.32	0.7	9	14	4	13	s.	Edward E. Holmes
Waldron	Scott	675	10	.....	.....	.....	.....	.....	.....	.....	3.92	.....	0.83	4.2	8	15	0	16	sw.	Dr. Cheves Bevill
Warren	Bradley	206	35	48.0	+3.3	75	10†	11	23	37	5.62	+0.19	1.30	9.0	7	16	9	6	se.	Miss Evelyn Hoyle
Waters	Montgomery	800	5	.....	.....	.....	.....	.....	.....	.....	3.52	.....	1.51	0.5	4	13	7	11	sw.	J. R. Huddleston
Whitecliffs	Little River	290	25	.....	.....	.....	.....	.....	.....	.....	3.95	+0.06	1.50	0.0	6	11	0	20	nw.	Nannie O. Schirmer
Wilson	Mississippi	237	4	44.0	.....	71	11	4	3	31	3.08	.....	1.35	2.5	7	14	6	11	s.	D. Anderson
Winslow	Washington	1734	14	40.8	+4.8	70	11	-2	19	35	3.61	-0.83	1.09	2.5	8	13	9	9	s.	O. H. Black
Wynne	Cross	250	21	45.1	+3.3	76	15	8	20	37	4.05	-0.71	1.30	4.4	8	3	10	18	n.	R. T. Cobbs
Yancopin	Desha	167	5	.....	.....	.....	.....	.....	.....	.....	4.14	.....	1.06	9.0	8	10	0	21	.....	W. E. Barton
State Means and Extremes				44.4	+1.9	82	12	-5	20	52	3.84	-0.21	3.01	3.7	8	13	5	13	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for December, 1929

Stations	Drainage-basin	Day of Month																															Total
		1	2	3		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.30						1.30									.63	.38	.58									.11	.09				3.39
Arkadelphia	Ouachita			.35				.90									.71	.75	.65									.65	.45				4.46
Arkansas City	Mississippi		.98					1.10											.84				1.00						.11				4.03
Arlberg	White	.23	.31					.73						.61	.27	.17	1.15	1.33	.10									.08					4.98
Batesville	White		.32					.46	.18					T.	.18	.06	.18	.25	1.04	06								.08					2.81
Bee Branch	Arkansas	.10						.90						.15	1.10	.25	.60	.39	1.25									.15					4.89
Bentonville ***	Arkansas	.01					.01	.38			T	T.	T.	.12	.52	1.09	.01	.57	.05														2.71
Black Rock	White		.42					.44	.16					T.	.30	.10		.63	2.22	.16								T.	.04				4.47
Blytheville	Mississippi	.05	.07					.24	.10			T.	T		.08	T		.21	1.12	.03									.41				2.31
Booneville	Arkansas	.20						.75					T	.04	.36	.65	.40	1.57	.37									.39					4.73
Brinkley	White		.48					.48	.14			.02						1.00	1.21	.04			.02						1.20				4.59
Calico Rock	White		.40					.76						.44	.82	.12	.55	.48	1.82	.20									.11				5.70
Camden	Ouachita		.65					.81									.57	.26	.79	.02			45					.01	.67				4.23
Center Point	Red	.25						.81		.02						.22	1.34	.05	.11									.07					2.87
Clarendon	White		.48					.55	1.00	.01	.01	T.				.22	T.	.50	1.25	.09			.06					T.	1.22				5.39
Clinton	White	.03			.26			.92						.18	1.18	.28	.63	1.66										.13					5.27
Conway	Arkansas	.23						.65					03			.20	.60	.16	.35									.20					2.42
Corning	White	.24								.22				.68		.18	.38		2.15	.20													4.05
Corning (river)	White		.30					.10		T.	T.		T.			.15	.25	1.00	1.90	.15													3.85
Cotter	White	.08						.75	T.					.20	T.	.98	.82	.25	.78	.10									T.				3.96
Crossett	Ouachita		.83					1.48									.04	T.	.92	T.		.10	.72	T.				.42					4.51
Danville	Arkansas		.32					1.11							.61		.63		.90									.10					3.67
Dardanelle	Arkansas		.27						.15					.03	.05	.04		.31	1.05										.15	.05			2.10
De Valls Bluff	White		.42					.38	.31									.54	1.21	.06			.05						1.00				3.97
Dermott	Mississippi	.78	.48				.02	.95									.16	T.	.10			.45						.97					3.91
Dutton	White	.06						.85						.66	.34	.67		.63	.61									.11					3.93
El Dorado	Ouachita		.85					1.50			.02						.43		.80			20	1.23						.85				5.88
England	Arkansas	.37	.06				.02	61							.09		.39	.06	1.30				.07					.94	.02				3.93
Eureka Springs	White	.05						.41						21	.50	.97		.28	.20	.04													2.66
Fayetteville	White							.30						.28	.33	1.01		.98	.19	.03													3.12
Fort Smith ***	Arkansas	08					.56	.16		T.	T		T.	.05	.55	1.34	.01	1.19	T.									.18				T.	4.12
Freeman Sprgs.	Arkansas		.34					1.10	.04					11	.23	.22	.71	.33	.68	.03								T.	.15				3.94
Fulton	Red		.33					40			T		T.	T.	T.	T.	.78	.17	79									.22					2.69
Georgetown	White		.06					21	.32		T.	T.					.14	.86	1.50	.04								.05	.10				3.28
Gilbert	White		.17					82	.04					.40	.03	.37	.40	.50	.93	.04								.14					3.84
Grannis	Red	.36					T.	1.26	.04	.04	.04	.04	.03	08	.02	.44	.62	.10	.21													T.	3.28
Gravette	Arkansas	.02						.02					T.	.40	.30	.78	.01	.30	.06	.10													1.99
Harrison	White							.52						1.43	.32	.56	.09	.50	.10														3.52
Helena	Mississippi		.64					.60	.08						.02	.04			.70	.05			.25						.92				3.30
Harden	White	.36						.93				.05		.03	.39	.38	.28	.18	1.08									.18					3.86
Hope	Red	30					.08	.73		T.			.07				1.48		.70									.58					3.94
Hot Springs	Ouachita	T.					.15	.61	.66	T.						1.40					T.		T.		T.								2.85
Index	Red		.24					.58					.02				.96	.26	.23									.11	.10				2.50
Jessieville	Ouachita	43												.02	.01	.21	.26	.43	1.06									.21					2.63
Jonesboro	White	.31						27		.30	.10			.09	.02				.20	.02								.20					1.51
Junction	Ouachita						.68											.88				2.12						.54					4.22
Lead Hill	White	.03						.51						.73	.42	.32	.08	.35	.25	.02	T												2.71
Little Rock ***	Arkansas	.31					.04	.63			.01	.01	.01	T.	T.	T.	.85	1.24	.27	T.			T.					.44					3.81
Lurton	White	*	.19					.99		.03			.02	1.66		58	.58	.50	.04									.15					4.05
Lutherville	Arkansas	.36						.88						.58	1.33	.24	.15		.65									.47					4.66
Magnolia	Red	90						.93							.44		.80	.08	.87			.45					.73						5.20
Malvern	Ouachita		.45					.90			.03						59	1.00	.93									.18	.37				4.45
Mammoth Spg.	White	T.	.47					.76						.63	.33	.21	72		1.02	.21													4.35
Marianna	Mississippi							1.21			.01						.16		.95				20			.25		.99					3.77
Marked Tree	Mississippi		.43					.28	.17						.01			.20	.93	.06			.01						.55				2.64
Marshall	White	.12	.09					.95						1.12	.30	.48	.30	.03	.60	T								.10					4.09
Mena	Ouachita	.01	.24					.80	T.				T.	.01	.22	.01	.96	.05	.54	.03								.10	.09				3.06
Morrillton	Arkansas	T.	.25					.52	24								.34	.58	1.45	T.									.12				3.50
Mountain Home	White																																
Mount Ida	Ouachita	.34														.42	.90		.96									.26					2.88
Newport	White		.17					.17	.22			.03			.02		.02	1.12	1.34	.02								.15	.14				3.40
Norman	Ouachita	.30						.68		T.	T.	T.	.12					2.25	T.									.32					3.67
Oden	Ouachita	.20						1.80										1.58		T.	T.							.25					3.83
Osceola	Mississippi		.52					.41				.08	.10	.16			T.	1.45	.12			.12							.50				3.46
Ozark	Arkansas		T.					.83						T.	.42	.75	.65	10	1.36									.18	.07				4.36
Paragould	Mississippi	.84	T							T.			.01	.55	.04		.47	3.01	.28	.15													5.35
Patterson	White							.84							.32		.15	.65	1.25	.03								.24					3.48
Piggott	Mississippi	.33						.55		T.	.03		.02	.51	.04	.25	.45	.51	2.24	.10								T.					5.03
Pine Bluff	Arkansas		.64					.50	.04		T.			T.		.10	.20	.52	1.40	.02			.12					T.	1.46				5.00
Pocahontas	White	.34						.30						.95		.20	.65	.40	2.65	.10													5.59
Portland	Ouachita		.82					1.20										T		.75			.75						.42				3.94
Prescott	Ouachita	.18					.31			T.						.12	.98	.52	T.									.18	.48				2.77
Princeton	Ouachita									.25	.15						.16	.82	1.05				.10					.35	.82				3.70
Rison	Ouachita		.73					.50									.38		1.25			T	.25						1.07				4.18
Rogers	White	T.						.37						.10	.06	1.19		.47	.15									.02					2.36
Saratoga	Red	.32	.02					1.00		T.		.06		T		.60	1.51	.03	.60									.24					4.38
St. Francis	Mississippi		.30				.17	.10		T.	.12	T.		.64	.14	.52	.98	1.80	.10									T				T.	4.87
Searcy	White	.38					.02	.50		.01	.03				.11	T.	.54	.24	1.21									.32					3.36
Springbank	Red		.50					.70			.03	.02	T.			T.	1.50		1.20			T.	.70						.70				5.35
Story	Ouachita	.11					.96	.98						.13		.48	.50	.90	.02									.18					4.26
Stuttgart	Arkansas	.68					.62	.26		.02					.29	.02	.34	1.74	T.			.07						1.14					5.18
Subiaco	Arkansas	.30					T.	.88	T.		.01	.02	T.	.03	.33	.43	.15	1.05	.22									.36					3.78
Texarkana	Red		.63					1.20									1.23						.15						.35				3.56
Thornburg	Arkansas	.54	T.				T.	1.32				T	.03	T	.02	.22	.75	T.	.20	.07								.15				T.	3.30
Waldron	Arkansas	.10						.87				T.	T	.18	.48		.83	.30	.42									.56					3.74
Warren	Ouachita		1.10					.97								T.	.30		1.00	.05			.90						1.30				5.62
Waters	Ouachita							1.51									.83	.82	.36														3.52
Whitecliffs	Red		.40					.86									.97	.16	1.50				T.					.06					3.95
Wilson	Mississippi		.40					.30	.25										1.35	.02				.06					.70				3.08
Winslow	Arkansas	.10						.82						.67	.44	1.09		.31	.16	.02								T.					3.61
Wynne	Mississippi	.50	.50					.50									.20		1.30		.20		.15					.70					4.05
Yancopin	Arkansas		.83					.84					.02					.05	1.06	.02	T.		.43						.89				4.14

Daily River Stages for December, 1929

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.9	3.7	3.6	3.5	3.4	3.3	3.5	3.5	3.3	3.4	3.5	3.5	3.4	3.4	3.7	7.0	10.8	11.2	11.1	9.7	7.4	6.3	5.6	5.0	4.7	4.5	4.3	4.3	4.3	4.3	3.9
Ozark	do	22	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.4	0.3	0.3	0.0	0.0	0.9	5.9	9.0	9.0	8.7	6.0	4.9	3.5	3.0	2.5	2.3	2.2	2.2	2.1	2.0	1.9
Dardanelle	do	20	4.8	4.8	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.8	4.8	4.8	4.9	4.8	7.5	10.8	11.8	11.0	10.0	8.5	7.5	7.2	7.2	6.5	6.3	6.0	5.6	5.3	5.0
Morrillton	do	20	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.7	2.0	6.5	9.0	9.0	8.0	6.5	4.8	3.6	2.9	2.5	2.0	2.0	2.0	1.8	1.7
Little Rock	do	23	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.5	0.6	0.5	0.3	0.3	0.3	0.4	0.8	2.8	10.0	11.3	10.2	8.9	7.4	6.0	4.2	3.2	2.8	2.1	2.0	1.8	1.6
Pine Bluff	do	25	5.4	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.8	4.7	5.0	5.2	5.2	5.1	5.1	5.1	5.2	5.6	8.0	13.8	14.5	13.9	12.5	11.2	10.0	9.0	8.3	7.8	7.4	7.2	7.1
Yancopin	do	29	20.0	20.1	19.8	19.0	17.9	16.5	14.7	12.6	10.6	9.1	8.3	7.9	8.0	8.1	8.1	7.9	7.8	8.0	8.4	14.0	19.4	20.4	20.0	19.0	18.3	18.1	18.3	18.6	18.6	18.6	18.5
Danville	Petit Jean	20	2.1	2.1	2.1	2.0	2.0	2.0	2.7	3.4	3.9	4.4	4.2	3.9	3.7	4.0	4.1	4.3	4.5	14.9	18.7	17.7	16.4	12.4	10.4	9.3	6.8	4.8	4.1	4.5	4.6	4.6	4.2

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	2.5	2.4	2.1	2.1	2.5	2.2	2.1	1.8	1.8	2.5	2.1	2.2	2.5	2.7	4.2	4.7	4.7	4.8	5.9	6.1	5.8	5.7	5.1	4.7	4.4	3.9	4.1	4.0	3.6	3.3	2.9
Calico Rock	do	23	1.1	1.1	1.3	1.0	1.0	1.1	1.1	1.0	0.9	0.9	1.5	0.9	1.1	1.8	2.9	5.4	5.1	7.5	6.8	6.5	5.6	5.1	4.6	4.1	3.6	3.4	2.8	2.7	2.8	2.5	2.1
Batesville	do	26	5.7	5.8	5.8	6.0	5.7	5.7	5.7	5.9	5.7	5.7	5.7	6.0	5.6	6.4	6.7	9.8	10.9	16.1	14.3	13.3	12.4	11.6	10.8	10.1	9.5	9.1	8.7	8.5	8.1	8.1	7.8
Newport	do	20	2.8	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	4.5	6.7	8.5	14.5	15.5	15.6	14.8	13.8	12.7	11.6	10.4	9.4	8.5	7.9	7.7	7.2
Georgetown	do	21	3.8	3.7	3.5	3.3	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	3.1	3.2	3.3	3.5	4.8	7.8	12.6	17.0	17.4	17.3	17.1	16.8	16.3	15.7	15.0	14.0	13.2	12.5	11.8
De Valls Bluff	do	34	8.1	8.0	7.8	7.5	7.4	7.3	7.3	7.3	7.3	7.2	7.1	7.2	7.3	7.4	7.5	7.6	7.7	9.3	12.1	15.7	17.8	18.8	19.2	19.5	19.5	19.4	19.3	19.1	18.6	18.0	17.3
Clarendon	do	12	11.4	11.4	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.1	10.0	10.0	10.0	10.1	10.1	10.2	10.4	11.1	12.8	15.5	17.7	19.0	20.0	20.6	21.0	21.3	21.6	21.8	21.8	21.7	21.4
Gilbert	Buffalo	14	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.6	3.5	3.5	3.5	3.5	3.8	3.6	4.2	4.8	5.0	7.0	5.5	5.0	4.6	4.4	4.2	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
Black Rock	Black	30	2.9	2.9	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.8	3.0	4.5	1.7	6.0	10.4	13.5	13.0	13.0	12.0	10.5	9.8	9.6	9.6	8.8	8.4	8.0	7.8	7.7
Camden	Ouachita	28	5.8	5.6	5.5	4.8	4.7	4.6	4.9	5.2	6.3	7.1	8.7	10.0	10.0	9.5	9.3	8.0	7.4	8.8	13.0	17.7	20.5	20.0	17.8	14.4	13.3	11.0	10.0	9.5	9.3	9.9	8.8
Fulton	Red	44	7.2	7.0	6.8	6.8	6.5	6.5	6.5	6.5	6.5	7.7	8.2	8.1	7.8	7.2	7.0	7.4	12.8	17.6	19.3	18.3	18.2	17.4	16.6	15.9	14.6	13.3	11.6	10.3	9.4	9.0	8.9
Helena	Mississippi	48	31.8	31.1	20.8	27.9	25.9	23.1	20.6	18.3	16.3	14.7	13.6	12.7	12.1	11.6	11.6	11.9	12.3	13.0	14.0	15.1	16.7	18.6	20.6	22.6	24.5	25.9	26.8	27.3	27.4	27.3	27.1
Arkansas City	do	48	34.1	33.9	33.6	33.4	31.7	30.3	28.4	26.7	23.4	20.4	18.2	17.1	16.4	15.8	14.8	13.7	13.7	14.0	14.4	15.4	17.7	20.2	23.0	24.9	26.2	27.7	28.9	29.9	30.6	30.6	30.7

Daily Temperatures for December, 1929

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	35	30	42	60	66	67	59	52	59	71	69	75	65	74	72	61	62	45	37	37	34	41	46	51	65	67	56	61	65	65	68	56.7
	Minimum	20	20	13	14	26	31	47	39	35	41	59	61	61	56	57	56	56	26	9	9	17	22	20	20	22	31	37	27	28	31	39	33.3
Bentonville	Maximum	37	22	41	55	62	60	50	54	61	68	73	70	65	63	61	62	59	25	13	28	28	31	37	48	61	60	50	49	58	65	64	51.0
	Minimum	18	12	11	23	38	42	34	34	37	47	58	61	60	59	54	51	25	5	0	7	8	8	13	26	30	43	33	28	28	39	43	31.5
Bee Branch	Maximum	38	35	35	51	61	60	56	47	55	64	72	71	70	68	65	68	66	65	22	30	34	36	37	45	58	66	65	53	54	63	58	54.0
	Minimum	28	15	8	20	25	29	45	37	33	41	56	61	59	53	59	51	55	18	15	9	13	19	13	17	27	31	41	25	26	36	32	32.3
Blytheville	Maximum	38	36	33	50	58	68	62	54	60	72	76	71	70	72	68	71	70	62	36	30	37	33	35	43	57	69	59	55	58	70	67	56.1
	Minimum	25	18	4	19	32	40	42	42	38	41	55	62	56	57	62	62	59	29	14	8	15	19	16	22	21	31	42	31	32	40	37	34.5
Booneville	Maximum	39	34	47	63	69	64	56	58	69	75	75	75	69	64	63	60	71	56	21	34	34	38	44	57	67	71	64	56	61	73	68	57.9
	Minimum	32	17	11	20	26	41	39	36	45	[illegible]	49	59	63	60	58	54	51	16	7	19	10	14	15	20	26	35	46	25	22	29	36	33.0
Brinkley	Maximum	36	33	37	55	64	62	61	54	63	74	72	70	71	75	71	68	63	62	25	31	35	38	38	46	63	66	60	56	58	65	68	56.4
	Minimum	27	19	10	19	28	42	50	41	36	[illegible]	57	63	57	56	62	58	60	23	19	9	15	25	15	21	30	36	42	26	27	38	39	35.1
Calico Rock§§	Maximum	26	26	40	55	68	65	52	49	59	72	75	76	68	68	[illegible]	61	67	26	10	31	32	35	40	47	63	69	49	60	64	74	64	54.0
	Minimum	11	13	2	2	14	23	40	35	35	41	18	49	54	56	56	55	54	23	6	4	5	10	10	12	16	23	29	24	20	22	27	26.7
Camden§§	Maximum	39	37	42	61	65	64	67	61	71	70	72	74	76	65	72	67	65	34	27	35	30	39	44	49	63	66	57	60	62	67	72	57.2
	Minimum	18	26	15	15	22	26	45	43	35	41	58	63	57	55	55	57	59	33	13	13	17	22	8	8	18	29	37	30	26	30	31	32.4
Center Point	Maximum	46	36	41	53	65	59	60	48	66	72	68	74	70	73	67	62	64	63	25	33	33	40	45	50	64	67	61	59	60	64	70	56.7
	Minimum	32	20	14	28	36	42	44	38	42	57	63	64	61	58	58	57	58	19	9	12	22	25	20	24	30	36	48	33	32	35	45	37.5
Conway	Maximum	36	33	39	56	67	58	60	50	58	70	74	75	72	77	70	63	70	62	23	31	31	37	38	51	62	67	62	52	61	69	63	56.0
	Minimum	29	20	13	21	29	38	49	41	35	43	62	64	62	57	61	56	58	22	11	10	17	24	17	22	27	39	43	28	29	30	37	35.3
Corning	Maximum	34	34	33	46	63	65	56	47	49	65	70	[illegible]	72	72	73	62	64	60	23	23	27	31	31	38	52	61	56	50	56	64	64	51.9
	Minimum	28	9	-4	7	31	41	46	37	40	46	56	61	58	55	60	60	58	25	10	7	9	19	11	19	30	36	20	23	23	35	37	32.0
Dardanelle	Maximum	39	33	44	58	69	60	54	47	52	72	73	73	70	66	67	61	70	65	48	37	36	38	13	54	62	70	58	56	64	68	64	57.3
	Minimum	31	18	11	21	26	39	50	35	38	13	56	65	65	58	58	57	56	26	10	13	17	19	17	23	26	38	44	28	25	30	37	34.8
Dumas	Maximum	40	40	39	51	66	60	67	63	71	78	71	79	[illegible]	68	73	72	70	65	40	31	32	36	30	51	66	65	65	68	62	66	68	59.2
	Minimum	29	24	16	23	31	40	51	43	37	54	[illegible]	[illegible]	55	54	59	58	60	21	15	15	19	22	22	15	28	35	46	32	31	32	32	36.3
Dutton	Maximum	33	33	35	55	60	55	54	56	60	68	70	69	67	61	59	59	62	54	12	24	30	32	38	44	57	61	58	53	56	65	61	51.6
	Minimum	26	9	1	14	23	[illegible]	31	30	35	38	52	60	58	56	54	[illegible]	49	8	-3	-5	2	0	1	14	17	31	37	17	16	28	28	26.3
El Dorado	Maximum	41	38	43	61	65	65	67	60	75	72	72	74	75	70	72	68	66	63	23	30	30	35	25	36	44	51	55	58	55	58	65	54.9
	Minimum	35	27	17	27	32	45	17	40	42	60	62	63	58	57	57	59	61	23	14	15	21	20	12	15	30	37	49	33	30	36	44	37.7
Eureka Springs	Maximum	36	29	42	59	66	63	56	60	66	72	73	71	66	62	60	65	61	35	16	29	30	34	40	47	62	64	55	53	58	70	66	53.7
	Minimum	28	11	11	26	47	47	35	35	32	15	60	61	61	55	56	52	35	11	-2	4	9	10	13	29	31	19	38	33	30	45	44	33.6
Fayetteville	Maximum	38	37	42	56	64	60	55	60	63	70	74	72	66	62	62	64	63	36	15	25	28	31	37	44	58	60	54	46	54	67	66	52.5
	Minimum	30	12	10	21	28	45	35	35	37	44	14	62	61	59	57	52	36	11	0	5	11	9	12	26	27	46	37	26	29	37	44	32.1
Fort Smith	Maximum	40	29	46	58	69	63	57	49	63	74	75	75	71	64	61	66	66	32	20	32	33	36	41	50	64	69	57	54	62	65	67	54.8
	Minimum	26	18	16	28	34	36	38	36	39	49	55	66	63	61	56	55	32	12	7	15	19	19	20	21	32	36	38	30	30	36	40	34.2
Grannis	Maximum	37	38	43	49	63	60	57	[illegible]	68	72	67	70	69	69	67	61	64	61	24	42	37	43	45	51	64	62	60	61	60	64	71	56.2
	Minimum	30	17	8	20	[illegible]	29	42	32	34	46	61	62	[illegible]	56	56	54	56	15	6	7	20	22	14	9	27	24	35	23	22	26	32	31.3
Gravette	Maximum	37	30	41	54	[illegible]	61	55	54	61	68	73	79	[illegible]	61	62	62	60	34	13	21	27	27	37	48	60	59	51	48	54	63	65	51.5
	Minimum	29	11	9	19	[illegible]	19	34	32	37	46	51	62	62	59	57	50	34	10	0	1	9	12	9	27	19	43	36	18	21	36	45	31.0
Helena	Maximum	35	33	36	58	63	60	63	53	70	76	73	71	69	68	70	70	65	61	28	31	32	35	34	45	61	64	51	58	58	66	67	55.8
	Minimum	28	21	16	2	40	40	49	40	39	55	59	61	57	55	58	57	59	26	13	9	19	20	12	25	27	36	44	28	27	39	41	35.9
Hope	Maximum	38	45	49	67	77	69	69	71	71	81	74	82	71	68	68	67	71	63	35	46	31	50	62	60	73	76	58	72	74	77	74	61.4
	Minimum	30	22	15	22	36	40	46	41	37	56	60	[illegible]	[illegible]	53	59	57	58	20	11	14	24	25	17	24	30	39	48	32	27	32	43	36.8
Hot Springs	Maximum	36	32	39	58	60	60	59	60	60	70	66	61	67	62	66	68	58	33	36	36	34	37	40	47	60	55	54	57	50	50	46	52.0
	Minimum	24	19	12	28	36	28	39	31	44	49	42	48	51	49	49	50	20	6	9	11	8	14	22	28	37	30	38	42	34	31	29	31.4
Jonesboro	Maximum	31	32	21	30	40	61	57	72	73	69	68	68	67	72	68	67	69	60	28	29	30	30	32	36	39	40	55	55	60	64	60	51.3
	Minimum	[illegible]	20	8	10	20	21	45	45	58	57	57	58	57	57	56	58	58	50	10	8	13	14	20	28	30	34	36	26	[illegible]	38	15	34.7
Lead Hill	Maximum	38	34	45	61	69	61	79	51	62	72	75	75	72	69	65	62	63	47	18	29	28	33	39	51	64	70	53	53	60	72	70	[illegible]
	Minimum	32	13	6	16	20	[illegible]	35	37	35	37	46	46	61	57	56	52	45	16	4	3	5	7	7	14	22	24	34	20	20	33	34	27.7
Little Rock	Maximum	36	33	39	55	64	57	69	49	61	71	71	74	70	76	68	64	66	40	22	33	36	37	41	48	64	66	55	58	62	61	66	55.0
	Minimum	31	21	19	28	34	41	41	40	36	49	62	63	60	58	59	57	40	18	13	15	25	28	24	26	33	39	38	34	36	38	45	37.2
Lutherville	Maximum	38	32	37	56	67	62	55	47	59	72	73	73	67	62	64	60	66	63	20	30	34	36	37	46	60	68	58	53	55	65	66	54.0
	Minimum	29	15	10	26	32	37	44	33	41	47	60	63	46	57	58	55	54	11	6	10	15	17	16	21	30	35	42	28	29	38	39	33.7
Magnolia	Maximum	41	36	42	61	65	67	65	63	70	71	71	73	74	68	70	69	68	64	27	33	32	35	41	49	68	65	59	62	78	72	72	59.2
	Minimum	30	25	15	21	35	45	53	43	43	57	62	64	58	58	57	59	60	25	13	15	21	28	14	17	21	41	32	28	37	46	45	37.7
Malvern	Maximum	40	35	40	58	65	60	63	56	61	70	71	76	69	71	70	65	64	62	25	36	33	41	44	51	66	67	69	57	62	61	68	57.2
	Minimum	32	21	12	21	21	37	50	37	[illegible]	45	62	64	59	54	61	57	60	22	11	13	19	27	17	20	25	30	45	29	24	30	35	34.8
Mammoth Spg	Maximum	[illegible]	33	25	37	55	61	62	49	54	60	69	78	76	63	69	62	61	64	28	16	30	28	34	37	42	58	64	49	58	62	74	51.8
	Minimum	14	12	-2	-1	9	18	29	34	37	42	45	41	48	47	51	19	52	20	3	1	4	8	8	11	14	20	28	26	18	19	23	23.3
Marshall	Maximum	36	33	36	56	63	61	67	56	61	68	72	73	68	67	66	61	67	58	17	27	29	31	37	44	60	65	60	57	58	69	60	54.1
	Minimum	29	13	4	19	36	46	39	35	39	45	60	63	62	57	58	51	54	15	4	7	11	13	12	21	25	45	40	21	26	39	41	33.5
Mena	Maximum	36	34	39	58	61	57	58	48	63	69	68	67	66	66	64	60	64	52	19	33	35	38	42	50	61	64	56	57	57	62	60	54.1
	Minimum	32	17	13	26	38	42	39	53	[illegible]	52	62	65	60	59	56	54	52	14	5	9	21	17	17	23	30	39	42	27	29	37	46	35.2
Mount Ida	Maximum	[illegible]	35	45	61	65	58	59	50	65	73	69	69	68	71	71	61	65	61	21	37	37	41	46	52	66	69	62	61	63	66	68	57.4
	Minimum	30	18	7	17	20	47	42	35	30	42	64	64	62	57	58	55	53	17	8	6	16	14	10	15	22	48	45	22	20	26	30	32.3
Newport	Maximum	39	33	35	50	62	57	67	48	46	66	76	72	68	70	72	68	68	62	25	32	33	36	38	47	60	65	59	57	59	63	65	54.8
	Minimum	35	17	8	18	32	35	46	38	36	37	57	63	59	52	61	61	59	23	10	10	16	23	16	22	30	39	43	26	29	33	39	34.5
Pine Bluff	Maximum	37	34	42	60	67	60	68	61	71	71	75	79	73	72	72	68	68	62	26	37	33	38	43	51	67	70	57	60	63	69	70	59.0
	Minimum	39	23	14	24	33	43	52	41	37	51	60	64	54	56	61	66	61	22	14	14	19	25	17	22	29	41	44	30	39	40	44	37.6
Pocahontas	Maximum	40	31	32	45	62	65	56	49	50	65	70	70	69	64	70	65	66	60	30	28	30	34	35	42	57	64	59	55	60	68	61	53.3
	Minimum	28	13	0	12	27	37	17	36	40	45	50	61	59	55	60	58	58	26	8	2	10	21	13	15	29	35	41	23	30	27	32	32.2
Portland	Maximum	42	43	41	54	64	62	71	62	74	79	76	77	77	68	75	69	65	67	34	33	29	35	41	46	60	63	62	59	60	68	70	58.9
	Minimum	29	28	16	24	29	40	52	45	38	59	61	60	53	55	55	59	59	52	16	15	21	24	5	10	25	35	50	35	32	36	42	37.5
Prescott	Maximum	45	46	47	61	63	67	67	69	67	64	69	71	66	69	62	76	66	41	25	29	27	41	52	56	68	78	69	71	64	66	74	59.2
	Minimum	23	20	15	21	29	35	[illegible]	44	43	42	32	16	47	44	43	41	49	25	12	14	22	22	16	22	26	28	36	30	33	31	37	31.6
Rison	Maximum	62	40	42	52	66	63	69	61	72	78	71	76	75	69	72	69	67	66	49	37	35	40	46	50	66	67	63	52	61	67	72	60.9
	Minimum	31	24	15	25	33	43	53	42	33	49	62	62	55	55	57	[illegible]	59	19	13	14	20	24	26	32	31	40	45	30	30	37	44	37.9
Searcy	Maximum	39	33	37	[illegible]	61	66	61	[illegible]	54	67	71	75	70	74	70	65	70	62	24	31	34	38	40	47	62	64	62	57	60	61	66	55.5
	Minimum	[illegible]	17	11	18	22	35	47	29	33	43	58	65	56	53	58	57	59	21	10	8	14	24	17	21	25	37	41	25	27	31	33	33.3
Stuttgart	Maximum	37	33	38	54	65	60	63	59	68	75	76	75	72	72	72	65	67	64	28	31	32	37	40	48	54	67	59	56	59	65	67	56.8
	Minimum	28	21	14	23	32	39	50	42	35	48	59	63	55	55	61	59	50	32	14	13	19	21	18	23	31	35	43	20	32	36	40	36.4
Texarkana	Maximum	40	33	46	61	62	61	63	56	77	77	73	75	69	71	65	66	65	60	25	35	31	41	47	53	61	67	69	65	65	69	71	58.7
	Minimum	31	21	12	22	31	39	48	34	13	55	61	65	59	52	56	55	50	18	9	12	24	23	15	23	25	35	38	30	27	35	45	35.1
Thornburg	Maximum	39	32	40	58	65	57	57	46	62	69	70	72	66	73	66	59	68	60	18	32	33	26	41	49	65	65	58	60	61	68	62	55.1
	Minimum	28	15	5	15	29	44	38	26	29	41	63	62	60	52	56	54	52	15	15	10	10	18	9	19	24	49	37	27	28	32	41	32.7
Warren	Maximum	59	44	38	54	52	53	69	63	59	75	73	75	75	69	74	70	65	61	24	35	35	34	39	45	60	64	62	55	58	65	70	57.4
	Minimum	32	27	17	26	30	42	54	43	39	53	64	64	58	56	58	61	61	24	17	17	23	23	11	12	33	41	51	52	35	39	46	38.6
Wilson	Maximum	41	34	32	45	61	58	57	51	59	68	71	69	66	70	70	67	66	60	33	27	33	32	32	42	55	62	56	53	55	64	64	53.3
	Minimum	29	16	4	18	32	40	50	39	41	43	55	61	55	57	60	58	58	29	14	7	14	23	10	20	30	36	43	27	29	36	41	34.7
Wynne	Maximum	40	33	36	50	63	61	57	52	39	69	73	70	69	75	76	68	67	61	32	31	34	30	37	42	52	66	59	62	64	67	62	55.5
	Minimum	28	17	11	21	31	35	48	33	41	39	58	57	56	57	62	59	59	24	13	8	17	20	15	22	31	34	43	25	32	34	41	34.7

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXIV   LITTLE ROCK, ARK., YEAR, 1929   No. 13

GENERAL SUMMARY

The outstanding features of the weather in Arkansas during 1929 were the low monthly mean temperatures of February and November, the unusually warm weather of March, heavy snowfall in February, November, and December, and the destructive storms and floods of April and May.

The mean temperature for the year was 60.5° which is 0.7° below normal. Positive departures occurred at 11 of the stations for which normals have been computed, negative departures at all others. Monthly means were normal or above in March, April, July, August, October, and December, below the other six months of the year. July, with a mean temperature of 81.2°, was the warmest month of the year while February, with a temperature of 35.4°, was the coldest. Annual means ranged from 54.5° at Dutton to 64.7° at Rison, a difference of 10.2° between northwestern and southern sections of the State. Extremes ranged from 20° below zero at Lead Hill on February 10th to 110° at Booneville on August 6th. The maximum temperature during March, 98° at Harrison on the 24th, is a new March record for Arkansas and the minimum of 41° at Dutton on August 15th is within 2° of the lowest on record for August. The mean temperature for November, 46.1°, is the lowest November mean since records have been kept in Arkansas. The temperature during the crop season, April 1st to October 31st, was 0.3° above normal.

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The average precipitation, as determined from the records of 85 stations with unbroken annual records, was 46.10 inches which is 1.62 inches below normal. May, with an average rainfall of 6.31 inches, was the wettest month of the year and August, with 1.29 inches, was the driest. Annual amounts ranged from 58.72 inches at Dutton to 33.83 inches at England. Annual amounts in excess of the normal were recorded at numerous stations in the northwestern half of the State while only two stations in the lowlands of eastern Arkansas had more than normal precipitation. The annual snowfall was 19.9 inches, the greatest on record for the State. Unusually heavy snow occurred in February and again in November and December, the snows of November and December being unprecedented in the history of south Arkansas. Precipitation was above normal during January, February, April, May, and October, below the other months of the year. During the month of August five stations reported less than 0.01 inch of rain. The greatest monthly total during the year was 12.94 inches at Marshall in April. The greatest 24-hour amount recorded was 4.96 inches at Gravette, October 11th. The heavy spring rains resulted in a flood in the eastern lowlands during April and May, details being given under "Weather by Months". The precipitation for the crop growing season, April 1st to October 31st, was 26.79 inches which is 1.04 inches less than normal.

The last killing frost in spring occurred at most stations about March 17th and the first in autumn October 25th or November 5th, the length of the growing season for 90 stations being 231 days which is about 16 days longer than the average. The growing season ranged from 272 days at El Dorado to 195 days at Winslow, a difference of two and a half months between the Ozarks and the southern section of the State. There were 162 clear days during the year, 83 partly cloudy, 120 cloudy, and 98 with 0.01 inch or more precipitation. The prevailing wind was from the south.   W.C.H.

WEATHER BY MONTHS

January.—The temperature during the month was somewhat below normal and the precipitation slightly above. The weather was mostly unfavorable for farm work and outdoor pursuits, frequent rains and thawing and freezing weather keeping the soil too wet for plowing. Heavy rains the latter part of the month caused flood stages in the smaller streams of the State.

February.—This was the coldest February in Arkansas since 1905, the monthly mean being below normal at all stations. Zero or lower was reported at 16 stations, 20° below at Lead Hill on the 10th being the lowest for the State. Precipitation was slightly above normal with snowfall unusually heavy, the average for 69 stations being 11.9 inches. Heavy precipitation the latter part of this month caused flood stages in the smaller streams and moderately high stages in the Arkansas and White rivers. The snow cover was favorable for winter grains, meadows, and pastures.

March.—Unusually warm weather prevailed during March, the highest March temperatures on record being reported in most sections of the State on the 24th, 98° at Harrison on that date being the highest recorded. Daily means were below normal during the first decade, but thereafter they were almost uniformly above. Rainfall was slightly below normal. There were frequent showers, but the daily amounts were mostly light. Truck, gardens, fruit, and strawberries made excellent progress and early berries were blooming at the close of the month. The last killing frost of the spring occurred in most localities on the 10th or 17th.

April.—The outstanding features of the weather in Arkansas during April were the positive temperature and precipitation departures and the destructive storms on the 10th, 14th, 20th, and 21st. The number of rainy days was considerably above normal in some sections of the State, several stations reporting 12 to 18 days. Heavy rains kept all streams at moderately high stages most of the month, the Black being above flood stage practically the entire month. The Arkansas and the White exceeded flood stages at a few points, but the loss was not large, little farm work having been done and no crops planted.

May.—The mean temperature for the month was 1.4° below normal, the average precipitation 1.29 inches above normal. The weather was mostly cloudy and showery, rain being reported in the State every day except the 21st and 22d. Seven stations reported monthly totals exceeding ten inches. Moderately high stages prevailed in most streams during the closing days of April and the rains of May caused flood stages in the principal streams of the State. Highway No. 70 to Memphis was inundated most of the month, necessitating long and difficult detours. The flood loss was estimated at $970,000. The weather of the month was mostly unfavorable for farm work, being too cool for growth and too wet for cultivation. Stands of corn and cotton were poor in many localities and at the close of the month all crops were badly in need of cultivation.

June.—The weather during June was cool and dry except in northwestern counties where the rainfall was heavy. Conditions were mostly favorable for crops in the northern half of the State, but it was too dry for corn in many localities in southern counties. Cotton made good progress and chopping was practically completed during the month, fields being clean in most localities, but stands were irregular. Corn was hurt by the dry weather in southern and southeastern sections of the State, but elsewhere the crop made excellent progress.

July.—High day temperatures, cool nights, daily means almost uniformly above normal, abundant sunshine, and slightly deficient precipitation were the distinguishing characteristics of the weather during July. The weather of the month was mostly favorable for the growth and cultivation of all crops except that it was too dry for corn locally in southern and central sections of the State.

August.—Temperatures were somewhat above and precipitation considerably below normal during August, this being, with one exception, the driest August on record in Arkansas. The average precipitation for 88 stations was 1.29 inches. The least August precipitation on record for the State is 1.27 inches in August, 1909. The weather of the month was favorable for the cultivation, but too dry for the growth of most crops. Cotton picking and ginning started the last of the month in southern and central counties.

September.—The month was marked by temperature and precipitation below normal, but no extremes approached the records of previous years. Precipitation was heavier in western sections of the State, least in the Arkansas and White River valleys. The weather was favorable for picking and ginning cotton. Corn was practically matured by September 30th.

October.—The temperature for the State was normal during October while the average precipitation was 1.32 inches above normal. Freezing temperatures and heavy to killing frosts were reported over the greater part of the State on the 24th and 25th. The month was dry until the last three or four days when heavy to excessive rains occurred in numerous localities. The rainfall was excessive at Little Rock on the 30th, previous intensity records for October being broken. The weather as a whole was favorable for harvesting and all fall farm activities.

November.—The outstanding features of the weather during November were the negative temperature and precipitation departures and the heavy snowfall. This was the coldest November in Arkansas since records have been kept, the mean temperature for 61 stations being 5.5° below the November normal. Killing frost occurred in practically all remaining localities on the 5th. The average snowfall for 65 stations was 3.2 inches, 8.0 inches being measured at Clarendon, Dumas, and El Dorado. The snowfall was heaviest in the southern half of the State. This is the greatest November snowfall on record. The weather was unfavorable for farm activities.

December.—The temperature averaged 1.9° above normal, the precipitation 0.21 inch below normal. Unusually warm weather prevailed from the 10th to the 17th while a severe cold wave from the 18th to the 24th brought zero temperatures in the northwestern counties. Unusually heavy snowfall occurred in southern counties on the 21st and 22d, El Dorado reporting 18.2 inches, the heaviest on record. The average snowfall for 65 stations was 3.7 inches.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1929

Month	Temperature, in degrees Fahrenheit				Precipitation, n inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Amt. Snow	Greatest local amount	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January...	39.4	− 1.7	79	2	5.08	+0.98	1.0	8.00	10	12	5	14	n.
February..	35.4	− 7.4	76	−20	4.01	+0.66	11.5	6.29	10	9	4	15	n.
March.....	55.7	+ 3.0	98	19	3.77	−0.97	0.5	6.27	10	12	7	12	s.
April......	64.0	+ 2.6	92	29	5.69	+0.81	T.	12.94	10	11	7	12	s.
May......	67.6	− 1.4	97	25	6.31	+1.29	0.0	11.52	13	9	9	13	s.
June......	76.2	− 0.9	102	41	3.68	−0.34	0.0	8.05	7	17	8	5	s.
July.......	81.2	+ 1.2	105	51	3.07	−0.75	0.0	8.44	7	17	10	4	s.
August....	80.8	+ 1.1	110	41	1.29	−2.40	0.0	4.73	3	22	7	2	s.
September.	73.4	− 0.8	102	41	2.46	−0.97	0.0	5.86	5	15	8	7	s.
October...	62.2	0.0	93	19	4.29	+1.32	0.0	9.33	7	15	7	9	n.
November.	46.1	− 5.5	85	7	2.61	−1.04	3.2	6.57	8	10	6	14	n.
December..	44.4	+ 1.9	82	− 5	3.84	−0.21	3.7	5.88	8	13	5	13	s.
Annual....	60.5	− 0.7	110	−20	46.10	−1.62	19.9	12.94	98	162	83	120	s.

W. B. O., Little Rock, Ark.--2-14-30.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation			Number of days				Wind Direction
	Monthly average	Departure	Highest	Lowest	Monthly average	Departure	Snowfall inches	Clear.	Partly cloudy	Cloudy	Precip. .01 or more	
Means and Extremes	**61 2**		**116**	**−29**	**47.72**			**170**	**95**	**100**	**84**	
1891.......	60.5	−0.7	108	6	44.49	− 3.23	....	180	94	91	94	s.
1892.......	60.0	−1.2	106	−14	57.75	+10.03	....	159	98	109	98	s.
1893.......	60.7	−0.5	103	−13	47.91	+ 0.19	....	185	95	85	75	s.
1894.......	61.3	+0.1	108	−22	49.05	+ 1.33	....	176	97	92	75	s.
1895.......	59.8	−1.4	105	−17	44.69	− 3.03	....	167	92	106	83	s.
1896.......	63.0	+1.8	112	4	38.02	− 9.70	5.2	171	97	98	79	s.
1897.......	62.4	+1.2	111	− 2	46.52	− 1.20	5.4	178	96	91	76	s.
1898.......	61.4	+0.2	108	− 4	56.83	+ 9.11	3.4	159	105	102	89	s.
1899.......	60.6	−0.6	112	−25	41.49	− 6.23	7.0	170	105	90	76	s.
1900.......	62.0	+0.8	108	− 5	49.03	+ 1.31	2.2	150	120	95	92	s.
1901.......	61.1	−0.1	116	− 6	35.28	−12.44	3.3	175	111	79	65	s.
1902.......	60.4	−0.8	108	− 2	51.70	+ 3.98	9.3	150	121	94	81	sw.
1903.......	59.3	−1.9	105	−12	44.62	− 3.10	7.7	162	107	96	84	sw.
1904.......	60.5	−0.7	105	− 5	43.45	− 4.27	3.5	169	112	85	78	s.
1905.......	59.5	−1.7	106	−29	63.65	+15.93	15.5	146	107	112	103	sw.
1906.......	60.2	−1.0	101	− 7	56.97	+ 9.25	5.2	156	96	113	95	sw.
1907.......	61.7	+0.5	113	− 8	49.71	+ 1.99	2.5	163	91	111	86	s.
1908.......	62.1	+0.9	103	0	48.88	+ 1.16	5.4	158	100	108	92	sw.
1909.......	62.1	+0.9	111	−19	44.05	− 3.67	6.8	173	93	96	83	s.
1910.......	61.0	−0.2	105	−13	45.21	− 2.51	10.8	172	109	84	84	sw.
1911.......	62.9	+1.7	107	− 9	49.53	+ 1.81	3.0	152	117	96	95	sw.
1912.......	59.8	−1.4	106	−16	45.83	− 1.89	11.3	171	110	85	81	sw.
1913	61.6	+0.4	108	− 1	54.01	+ 6.29	7.1	158	107	100	89	s.
1914.......	61.4	+0.2	110	−11	42.85	− 4.87	16.2	149	109	107	82	s.
1915.......	60.6	−0.6	107	− 3	53.08	+ 5.36	4.7	163	81	121	82	sw.
1916.......	61.9	+0.7	107	−16	42.18	− 5.54	6.2	191	76	99	75	s.
1917.......	59.2	−2.0	106	−21	40.72	− 7.00	12.1	187	74	104	75	s.
1918.......	61.4	+0.2	115	−23	44.64	− 3.08	18.1	174	76	115	75	s.
1919.......	61.6	+ .4	113	−10	54.52	+ 6.80	3.4	166	75	124	91	s.
1920.......	60.7	−0.5	105	− 2	54.28	+ 6.56	4.2	171	74	118	90	s.
1921.......	64.2	−3.0	107	− 3	47.46	− 0.26	15.3	178	85	102	83	s.
1922.......	62.7	+1.5	111	7	46.50	− 1.22	5.2	170	83	112	87	s.
1923.......	61.6	+0.4	109	2	59.85	+12.13	9.0	160	82	123	102	s.
1924.......	60.1	−1.1	110	− 8	37.03	−10.69	14.3	193	68	105	74	n-e.
1925.......	63.0	+1.8	113	− 6	42.19	− 5.53	5.4	184	81	100	74	s.
1926.......	61.3	+0.1	110	−17	49.21	+ 1.61	12.5	175	79	111	88	s.
1927.......	63.1	+1.9	105	− 2	65.85	+18.33	11.1	161	85	119	99	s.
1928.......	61.1	−0.1	105	−10	50.50	+ 2.78	6.0	183	76	107	86	s.
1929.......	60.5	−0.7	110	−20	46.10	− 1.62	19.9	162	83	120	98	s.

KILLING FROSTS, 1929

Stations	Last in spring	First in autumn	Length growing season
Amity	Mar. 10	Nov. 5	240
Arkadelphia...	Mar. 10	Nov. 5	240
Arkansas City.	Mar. 10	Nov. 5	240
Arlberg.......	Mar. 17	Oct. 25	222
Batesville......	Mar. 19	Oct. 25	220
Bee Branch....	Mar. 18	Oct. 25	221
Bentonville....	Mar. 9	Oct. 25	230
Black Rock.....	Apr. 2	Oct. 25	206
Blytheville	Mar. 17	Nov. 5	233
Booneville.....	Mar. 17	Oct. 25	222
Brinkley.......	Mar. 17	Nov. 5	233
Calico Rock...	Mar. 18	Nov. 5	232
Camden	*Mar. 18	Nov. 5	232
Centerpoint....	Mar. 10	Oct. 24	228
Clarendon......	Mar. 10	Nov. 5	240
Clinton........	Mar. 18	Oct. 24	220
Conway........	Mar. 10	Oct 25	229
Corning	Mar. 10	Oct. 25	229
Corning(River)	Mar. 12	Oct. 25	227
Cotter..........	Mar. 10	Oct. 25	229
Crossett.... ...	Mar. 2	Nov. 5	248
Danville	Mar. 10	Oct. 25	229
Dardanelle.....	Mar. 23	Nov. 5	227
De Valls Bluff..	Mar. 10	Nov. 5	240
Dumas	Mar. 10	Nov. 5	240
Dutton.........	Apr. 1	Oct. 24	206
El Dorado.....	Feb. 23	†Nov. 22	272
England	*Mar. 10	Nov. 5	240
Eureka Springs	Mar. 9	Nov. 4	240
Fayetteville...	*Apr. 1	†Oct. 24	206
Fort Smith. .	Mar. 10	Nov. 5	240
Freeman Spr. .	Mar. 10	Oct. 22	226
Fulton......	Mar. 4	Nov. 5	246
Georgetown ...	Feb. 24	Oct. 24	242
Gilbert...... . .	Mar. 23	Oct. 23	214
Grannis........	Mar. 17	Oct. 24	221
Gravette.......	Apr. 1	Oct. 25	207
Harrison	*Mar. 29	Oct. 25	210
Helena	*Mar. 16	Oct. 24	222
Higden	Mar. 17	Oct. 24	221
Hope	*Mar. 10	Nov. 5	240
Hot Springs...	*Mar. 10	Oct. 25	229
Index...... . ..	Mar. 10	Nov. 5	240
Jessieville......	Mar. 10	Oct. 24	228
Jonesboro......	Mar. 10	Nov. 5	240
Junction	....	Nov. 5	....
Lambrook.......	Mar. 10	....	....
Lead Hill........	Mar. 11	Oct. 25	228
LITTLE ROCK ...	Mar. 10	Nov. 5	240
Lurton	Apr. 1	Nov. 5	218
Lutherville......	Mar. 10	Oct. 25	229
Magnolia	Mar. 10	Nov. 5	240
Malvern	Mar. 10	Nov. 5	240
MammothSpring	Mar. 31	Oct. 25	208
Marianna	Mar. 10	Nov. 5	240
Marked Tree . .	Mar. 10	Oct. 25	229
Marshall...... .	*Mar. 10	Oct. 24	228
Mena	Mar. 16	Nov. 5	240
Morrillton......	Mar. 10	Nov. 5	240
Mountain Home	*Mar. 10	Oct. 25	229
Mount Ida......	Mar. 17	Oct. 24	221
Newport........	Mar. 10	Nov. 5	240
Norman	Mar. 17	Oct. 24	221
Oden...........	Mar. 17	Oct. 25	222
Osceola	Mar. 17	Nov. 5	233
Ozark	Mar. 10	Nov. 5	240
Paragould	Mar. 17	Oct. 25	222
Patterson.......	Mar. 10	Nov. 5	240
Piggott.........	Mar. 17	Oct. 25	222
Pine Bluff......	Mar. 10	Nov. 5	240
Pocahontas.....	Mar. 10	Nov. 5	240
Portland........	Feb. 23	Nov. 5	255
Prescott	Feb. 13	Nov. 5	265
Princeton	Mar. 8	Oct 24	231
Rison.	Mar. 10	Nov. 5	240
Rogers	Mar. 18	Oct. 21	220
Saratoga........	....	Nov. 5	....
Saint Francis...	Mar. 17	Oct. 25	222
Searcy.	Mar. 18	Oct. 25	221
Springbank	Mar. 2	Oct. 24	236
Story	Mar. 16	Oct. 25	223
Stuttgart	Mar. 9	Oct. 25	230
Subiaco	Mar. 10	Nov. 5	240
Texarkana.....	*Mar. 10	Oct. 24	228
Thornburg .. .	*Mar. 10	Oct. 25	229
Waldron	Mar. 10	Nov. 5	240
Warren	Mar. 10	Nov. 5	240
Waters...	Mar. 17	Oct. 24	221
Whitecliffs	Mar. 10	Nov. 5	240
Wilson..... . ..	Mar. 10	Nov. 5	240
Winslow........	Apr. 12	Oct. 24	195
Wynne	*Mar. 10	Oct. 25	229
Yancopin	Mar. 10	Nov. 5	240

*No killing frost recorded; last freezing temperature in spring.

†No killing frost recorded; first freezing temperature in autumn.

Climatological Data for Year, 1929

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Amity	Clark	700	30	61.5	105	July 30†	9	Dec. 19†	34	32.58	5.18	Oct.	1.48	Mar.	9.2	79	129	143	93	n.
Arkadelphia	Clark	250	......	......	......	......	......	......	33	41.47	5.29	Jan.	0.32	Aug.	4.4	99	189	53	123	n.
Arkansas City	Desha	145	......	......	......	......	......	......	45	40.38	6.03	Nov.	1.66	Sept.	15.0	80	140	61	164	......
Arlberg	Stone	700	......	......	......	......	......	......	7	53.41	8.36	May	1.20	Aug.	24.9	89	145	89	131	ne.
Batesville	Independence	277	23	......	103	Aug. 3	1	Dec. 3	30	44.88	7.45	Apr.	0.66	Aug.	12.0	117	211	27	127	ne.
Bee Branch	Van Buren	700	36	59.3	103	Aug. 3	0	Feb. 10	37	50.77	9.38	Apr.	T.	Aug.	14.1	102	99	142	124	s.
Bentonville	Benton	1303	24	56.4	101	Aug. 6	−8	Feb. 10	24	52.44	9.93	May	0.20	Aug.	20.7	124	236	54	75	s.
Black Rock	Lawrence	259	......	......	......	......	......	......	27	55.96	9.38	Apr.	0.99	Nov.	17.2	117	205	21	139	s.
Blytheville	Mississippi	252	4	60.9	98	Aug. 2†	4	Dec. 3	4	47.59	7.95	Apr.	1.74	Sept.	20.3	120	133[j]	75[j]	147[j]	sw.
Booneville	Logan	465	15	61.1	110	Aug. 6	−3	Feb. 10	15	45.00	6.14	May	0.34	Aug.	11.8	102	155	92	118	e.
Brinkley	Monroe	205	42	61.0	102	Aug. 6	9	Dec. 26	42	48.53	5.97	Apr.	2.83	Sept.	14.5	113	150[a]	116[a]	98[a]	se.
Calico Rock	Izard	361	15	57.5	103	Aug. 3	−9	Feb. 10	25	47.44	7.55	Apr	0.82	Aug	14.5	109	100	186	79	sw.
Camden	Ouachita	158	38	62.0	102	Aug. 7	8	Dec. 23†	44	35.18	5.27	Nov.	0.02	June	13.0	100	144	71	150	s.
Center Point	Howard	470	26	63.4	105	Aug. 6	9	Dec. 19	30	39.63	6.99	May	0.38	Aug.	6.8	108	149[c]	93[c]	120[c]	se.
Clarendon	Monroe	200	......	......	......	......	......	......	25	42.38	7.02	Apr.	0.76	Aug.	12.0	116	137	61	167	s.
Clinton	Van Buren	516	......	......	......	......	......	......	8	49.69	6.66	May	0.54	Aug.	9.9	101	115[a]	139[a]	110[a]	sw.
Conway	Faulkner	309	31	61.6	107	Aug. 6	8	Feb. 10	46	43.60	7.94	May	0.44	July	14.5	93	203	82	80	s.
Corning	Clay	293	29	58.8	101	July 29†	−4	Dec. 3	36	51.36	10.02	Apr.	1.09	Sept.	18.2	82	193	84	88	w.
Corning River	Clay	280	......	......	......	......	......	......	5	49.57	8.78	Apr.	1.20	Nov.	12.6	96	163	92	110	..
Cotter	Marion	408	......	......	......	......	......	......	2	46.40	7.50	May	1.15	Nov.	17.4	88	154	68	143	s.
Crossett	Phillips	175	14	63.4	102	Aug 12	7	Dec. 23	14	45.88	5.95	Apr.	0.25	Aug.	16.0	101	128	89	148	sw.
Danville	Yell	327	......	......	......	......	......	......	13	46.80	6.65	June	0.60	Aug.	9.8	58	172	42	151	e.
Dardanelle	Yell	330	17	62.2	107	Aug. 6	2	Feb. 10	43	44.60	6.75	Oct.	0.29	Aug.	10.5	111	130	171	64	w.
DeValls Bluff	Prairie	153	......	......	......	......	......	......	2	35.70	4.84	May	0.90	Sept.	10.7	96	191	31	143	......
Dumas	Desha	162	15	62.7	101	Aug. 25	13	Nov. 23	23	40.13	4.85	Mar.	0.57	Sept.	18.0	112	89	177	99	s.
Dutton	Madison	1590	16	54.5	99	Aug. 6	−16	Feb. 10	26	58.72	8.44	July	0.98	Aug.	25.7	100	147	134	84	s.
El Dorado	Union	270	25	64.6	101	Aug. 12	12	Dec. 23	28	42.63	5.88	Dec.	1.38	Oct.	26.2	105	108	113	144	sw.
England	Lonoke	229	16	62.4	102	July 29†	12	Dec. 20	22	33.83	4.68	Apr.	0.10	Aug.	10.0	105	150[i]	82[i]	114[i]	s.
Eureka Springs	Carrroll	1465	28	58.2	104	Aug. 6	−4	Feb. 9	29	57.73	10.86	May	1.42	Aug.	18.2	110	146	104	115	sw.
Fayetteville	Washington	1451	38	57.9	105	Aug. 6	−13	Feb. 10	42	52.78	7.47	May	0.35	Aug.	13.3	116	153	101	111	s.
Fort Smith	Sebastian	457	48	60.5	105	Aug. 6	3	Feb. 10	48	44.71	7.10	May	0.12	Aug.	11.4	105	152	93	120	e.
Freeman Springs	Pope	2240	......	......	......	......	......	......	5	51.56	8.53	May	0.07	Aug.	24.2	120	184	66	115	sw.
Fulton	Hempstead	260	......	......	......	......	......	......	43	40.43	5.99	May	0.74	June	1.8	85	163	55	147	......
Georgetown	White	200	......	......	......	......	......	......	17	42.75	7.95	May	1.36	July	16.1	97	161	31	173	......
Gilbert	Searcy	675	......	......	......	......	......	......	6	48.62	7.67	Apr.	0.98	Aug.	28.6	103	130	169	66	......
Grannis	Polk	900	9	59.8	104	Aug. 6†	6	Dec. 18	10	52.56	7.72	Jan.	0.55	Aug.	6.5	123	177	74	114	sw.
Gravette	Benton	1250	31	56.8	100	Aug. 6	−16	Feb. 10	32	55.38	11.08	May	0.16	Aug.	17.7	97	154[a]	109[a]	101[a]	s.
Harrison	Boone	1052	28	58.2	108	Aug. 5	−17	Feb. 10	28	48.90	8.29	May	0.99	Aug.	15.0	......	163‡	82‡	88‡	......
Helena	Phillips	250	35	62.0	100	July 29†	9	Dec. 20	57	53.85	7.48	May	0.64	Aug.	7.6	118	125	68	172	s.
Higden	Cleburne	445	......	......	......	......	......	......	11	47.25	7.49	Apr.	0.21	Aug.	8.8	105	135	112	118	s.
Hope	Hempstead	377	23	64.2	107	Aug. 22	11	Dec. 19	58	37.56	5.40	Jan.	0.23	Aug.	6.2	86	189	73	103	n.
Hot Springs	Garland	600	32	......	106	Aug. 6	6	Dec. 18	35	48.25	6.46	May	1.48	Aug.	11.5	78	189*	112*	31*	......
Index‡‡	Little River	275	......	......		......	......	......	4	39.06	6.00	May	1.25	Aug.	6.0	99	152	30	183	......
Jonesboro	Craighead	345	33	60.3	101	Aug. 3	8	Dec. 3†	34	42.11	6.63	May	1.51	Dec.	20.3	107	229	53	83	sw.
Lead Hill	Boone	650	2	57.6	106	Aug. 6	−20	Feb. 10	2	43.97	9.39	May	1.46	Aug.	11.5	104	201	63	101	nw.
LITTLE ROCK	Pulaski	357	50	61.5	102	Aug. 3	13	Feb. 10†	50	41.17	6.20	May	1.20	July	12.4	128	122	101	142	e.
Lurton	Newton	2100	4	55.4	96	Aug. 6†	1	Feb. 10†	4	58.79	9.15	May	1.19	Aug.	29.0	129	175[f]	[illegible]	93[f]	s.
Lutherville ‡‡	Johnson	775	31	59.9	104	Aug. 21	1	Feb. 10	31	54.21	7.01	Jan.	0.09	Aug.	23.9	97	157	75	133	e.
Magnolia	Columbia	315	10	63.8	105	Aug. 22	13	Dec. 19	10	38.71	5.20	Dec.	0.36	June	16.0	82	133[f]	136[f]	90[f]	ne.
Malvern	Hot Springs	277	41	61.7	104	July 17	11	Dec. 19	42	47.56	6.79	Jan.	0.21	Aug.	9.0	117	206	60	99	s.
Marianna	Lee	235	17	61.8	98	Aug. 3†	11	Dec. 20	17	37.29	5.99	Apr.	0.91	Aug.	9.9	91	237[g]	65[g]	56[g]	s.
Marked Tree	Poinsett	229	13	58.8	100	July 1	5	Dec. 20	24	49.28	10.02	May	1.41	July	13.7	122	145	147	73	n.
Marshall	Searcy	1070	14	58.7	102	Aug. 1†	−13	Feb. 10	15	59.49	12.94	Apr.	1.55	Sept.	18.2	106	155[b]	71[b]	137[b]	sw.
Mena	Polk	1185	37	60.1	108	Aug. 6	5	Dec. 19	41	56.53	10.23	May	0.27	Aug.	8.5	124	162	100	103	nw.
Morrillton	Conway	347	8	60.2	107	Aug. 3	9	Feb. 10	8	40.62	6.38	Jan.	0.15	Aug.	11.5	85	152	87	126	se.
Mount Ida	Montgomery	650	15	59.8	107	Aug. 3†	6	Feb. 10†	30	47.23	7.66	May	0.18	Aug.	11.0	90	171	65	129	sw.
Newport	Jackson	231	41	61.0	103	July 29†	6	Feb. 10	45	41.30	5.62	Apr.	1.23	Sept.	15.8	129	150[a]	102[a]	112[a]	n.
Norman	Montgomery	750	......	......		......	......	......	2	49.89	8.98	May	0.40	Aug.	11.5	85	158	122	85	...
Oden	Montgomery	800	......	......	......	......	......	......	3	45.36	6.51	May	2.15	Mar.	12.5	55	165	62	138	......
Osceola	Mississippi	240	26	59.8	100	Aug. 8	7	Dec. 2	31	45.16	7.75	May	1.60	Aug.	16.8	90	166[j]	64[j]	125[j]	s.
Ozark	Franklin	396	33	......	104	Aug. 1	0	Feb. 10	33	53.48	8.69	May	0.35	Aug.	9.0	91	180[l]	40[l]	133[l]	sw.
Paragould	Greene	301	......	......	......	......	......	......	3	47.62	5.53	Apr.	1.11	Oct.	23.5	100	193	82	90	se.
Patterson	Woodruff	196		......	......	......	......	......	13	41.62	6.73	June	0.65	July	11.2	78	206	23	136	s.
Piggott	Clay	307	......	......	......	......	......	......	5	52.95	6.39	July	1.83	Sept.	17.0	123	150	90	125	sw.
Pine Bluff	Jefferson	215	41	64.2	105	July 17	14	Dec. 3†	42	37.07	5.00	Dec.	0.31	Sept.	9.0	111	197	41	127	sw.
Pocahontas	Randolph	309	35	59.2	99	Aug. 3	0	Dec. 3	36	55.75	7.93	May	1.54	Nov.	9.6	108	119	115	131	n.
Portland	Ashley	122	23	63.9	99	July 17†	5	Dec. 23	23	48.36	6.32	Nov.	1.38	June	10.0	92	113	129	123	n.
Prescott	Nevada	329	40	63.9	107	Aug. 3	12	Dec. 19	41	36.32	5.10	Oct.	0.05	Aug.	6.5	89	180	18	167	n.
Princeton	Dallas	287	......	......	......	......		......	23	36.10	5.82	Mar.	1.22	June	8.0	77	184	39	142	......
Rison	Cleveland	243	22	64.7	104	Aug. 11	13	Dec. 19	25	55.99	5.03	Apr.	0.36	June	6.5	72	121[b]	99[b]	143[b]	nw.
Rogers	Benton	1385	36	57.5	106	Aug. 6	−14	Feb. 10	38	48.31	9.09	May	0.86	Aug.	18.6	93	154	90	121	s.
Saint Francis	Clay	290	......	......	......	......	......	......	2	51.09	6.42	Jan	2.28	Oct.	14.5	98	224	0	141	......
Springbank‡‡	Miller	240	..	......	......	......	......	......	22	46.81	7.34	Apr.	1.10	June	20.0	90	188	3	174	......
Story	Montgomery	700	......	......	......	......	......	......	5	49.26	6.20	Jan.	2.25	Sept.	16.1	102	184	72	109	s.
Stuttgart	Arkansas	228	39	62.4	104	Aug. 3	13	Dec 20	42	40.22	5.32	Apr.	0.50	Aug.	6.6	112	141	130	94	s.
Subiaco	Logan	1050	32	61.0	107	Aug. 6	3	Feb. 10	32	48.34	6.39	June	0.14	Aug.	17.6	108	156	64	145	s.
Texarkana	Miller	332	43	63.7	103	July 12†	9	Dec. 19	43	41.01	8.27	May	0.50	Aug.	5.0	75	175	78	112	n.
Thornburg	Perry	650	5	57.8	105	Aug. 6	−3	Feb. 10	5	55.10	8.73	May	1.22	Aug.	12.7	107	139	106	120	s.
Waldron	Scott	675	......	......	......	......	......	......	10	46.63	6.63	May	0.29	Aug.	25.1	95	115	84	166	sw.
Warren	Bradley	206	35	64.1	100	July 11	11	Dec. 23	35	43.02	5.62	Dec.	2.17	Aug.	15.5	77	184	123	58	s.
Waters	Montgomery	800	......	......	......	......	......	......	5	57.68	6.94	May	0.00	Aug.	10.0	73	141	96	128	sw.
Whitecliffs	Little River	290	......	......	......	......	......	......	25	42.90	6.28	May	T.	Aug.	6.0	77	143	42	180	e.
Wilson	Mississippi	237	4	59.7	100	July 1†	4	Dec. 3	4	44.84	6.85	May	2.29	June	14.5	83	205	85	75	s.
Wynne	Cross	250	17	60.8	102	July 29	8	Dec. 20	21	54.51	11.52	May	1.75	Sept.	15.4	80	152	112	101	s.
Yancopin	Desha	167	......	......	......	......	......	......	5	40.72	4.63	Feb.	1.20	Sept.	14.8	117	126	65	174	.

The departures from normal temperature and precipitation are computed only for stations having ten or more years record, but all complete reports are used in determining section means. T., less than 0.01 inch rain or melted snow. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example, [b] represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:- Index, Route A, Texarkana, Ark., Lutherville, R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark. *31 days missing. ‡32 days missing.

Monthly and Annual Mean Temperatures for the Year 1929, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	41.8	− 1.3	37.4	− 5.6	56.6	+ 1.6	64.8	+ 3.6	67.8	− 1.6	76.0	+ 1.2	83.0	+ 2.9	82.8	+ 2.8	74.6	+ 0.4	62.6	− 0.2	45.7	− 6.9	45.0	+ 2.2	61.5	− 0.1
Batesville	35.0	− 3.8	31.5	− 8.9	52.0	− 0.2	60.3	+ 1.4	61.9	− 2.9	73.0	− 2.4	.....	.....	78.0	− 1.6	70.5	− 2.5	59.3	− 1.9	43.3	− 5.9	40.2	− 0.4	...	.....
Bee Branch	36.2	− 5.1	32.8	− 9.3	54.0	+ 1.4	62.7	+ 1.8	66.8	− 1.8	75.4	− 1.4	80.4	+ 0.4	80.5	+ 1.1	73.3	− 1.1	61.7	− 0.9	45.0	− 6.3	43.2	+ 1.0	59.3	− 1.7
Bentonville	33.2	− 0.9	28.7	− 9.8	51.0	+ 3.7	60.4	+ 3.5	62.9	− 3.5	72.5	− 1.6	78.4	− 0.1	79.2	+ 2.7	69.8	+ 0.9	58.4	+ 0.4	40.7	− 6.0	41.2	+ 3.7	56.4	− 0.6
Blytheville	38.0	.....	35.4	.....	55.4	.....	63.7	.....	69.2	.....	77.8	.....	81.2	.....	79.8^e	.....	73.4	.....	63.6^a	.....	47.7^d	.....	45.3	.....	60.9	.....
Booneville	39.2	− 0.8	33.3	−13.3	56.4	0.0	65.6	+ 4.0	68.0	− 3.1	76.1	− 1.5	81.2	+ 0.1	84.6	+ 3.5	74.4	− 1.2	63.1	− 0.2	45.4	− 8.4	45.4	+ 1.9	61.1	− 1.5
Brinkley	29.6	− 2.2	36.0	− 7.0	56.7	+ 4.3	64.4	+ 3.7	68.8	− 1.2	76.6	− 1.1	81.6	+ 0.8	79.4	− 0.8	73.2	− 1.4	62.8	+ 0.7	47.4	− 4.4	45.8	+ 2.4	61.0	− 0.5
Calico Rock	34.6	− 1.6	30.0	−11.2	52.2	+ 4.3	60.8	+ 2.7	64.8	− 2.1	73.9	− 2.3	79.8	+ 0.3	79.0	+ 0.1	71.6	− 0.2	58.8	− 1.4	43.6	− 5.0	40.4	+ 0.9	57.5	− 1.3
Camden	42.2	− 2.7	38.5	− 8.5	57.0	+ 1.0	65.2	− 1.5	68.9	− 2.3	77.7	− 0.5	82.3	+ 1.3	81.9	+ 1.7	75.0	− 0.4	62.9	− 0.8	47.0	− 5.2	44.8	− 0.3	62.0	− 1.2
Center Point	43.6^e	− 1.8	39.1	− 7.1	58.2	+ 1.2	66.1	+ 3.4	69.2	− 1.8	78.5	− 0.1	82.7	+ 0.9	85.4	+ 4.0	76.4	− 0.3	65.6	+ 2.0	48.4	− 6.0	47.1	+ 2.5	63.4	− 0.2
Conway	38.8	− 3.2	35.6	− 7.7	56.5	+ 2.7	65.2	+ 3.7	69.0	− 1.1	77.4	− 0.8	83.4	+ 1.8	82.8	+ 1.4	73.8	− 1.2	63.6	+ 0.5	47.6	− 4.2	45.6	+ 3.4	61.6	− 0.4
Corning	36.7	− 0.6	32.4	− 5.3	54.2	+ 3.0	62.4	+ 2.8	66.5	− 2.0	75.1	− 0.5	80.5	+ 1.6	77.5	− 0.6	72.0	− 0.4	60.6	+ 1.6	45.4	− 2.6	42.0	+ 2.6	58.8	0.0
Crossett	45.0	+ 0.7	40.9	− 5.8	59.0	+ 2.4	67.6	+ 4.3	70.8	− 0.9	78.8	+ 0.2	82.3	+ 1.1	81.5	+ 0.3	76.1	+ 1.7	64.9	− 0.2	49.0	− 5.4	45.5	− 1.2	63.4	− 0.3
Dardanelle	39.2	− 1.0	35.2	− 8.4	57.0	+ 4.6	65.4	+ 4.0	70.2	+ 0.6	79.0	+ 1.2	83.4	+ 2.0	83.6	+ 3.6	75.1^a	+ 0.7	64.5	+ 1.5	47.5	− 4.9	46.0	+ 3.8	62.2	+ 0.7
Dumas	42.8	− 0.2	38.8	−10.5	57.6	+ 0.2	65.2	+ 2.4	69.6	− 2.6	77.4	− 1.4	81.6	0.0	80.9	+ 0.3	76.6	+ 1.0	65.0	− 0.2	49.1	− 4.8	47.8	+ 0.4	62.7	− 1.3
Dutton	34.1	− 1.8	28.4	− 9.5	49.7	+ 1.6	57.6	+ 1.6	61.4	− 2.7	69.6	− 2.2	74.4	− 1.1	75.4	+ 0.7	67.8	− 0.9	58.2	− 1.9	40.0	− 7.6	39.0	+ 1.6	54.5	− 1.8
El Dorado	46.5	+ 0.7	42.2	− 5.4	60.7	+ 4.3	68.3	+ 4.9	71.2	+ 0.2	73.4	+ 0.4	83.4	+ 1.9	83.0	+ 1.9	77.3	+ 0.9	66.6	+ 1.8	50.4	− 4.5	46.3	+ 0.3	64.6	+ 0.6
England	40.6	− 2.3	37.8^a	− 8.2	58.0	+ 2.8	65.8	+ 3.7	69.2	− 0.9	76.7^c	− 1.2	82.6	+ 1.3	82.5^e	+ 2.2	75.2	+ 0.1	64.3	+ 1.1	48.6	− 5.1	47.0	+ 3.8	62.4	− 0.2
Eureka Springs	35.8	− 1.8	30.8	− 9.0	53.2	+ 2.2	62.0	+ 3.6	64.4	− 2.4	73.0	− 1.0	79.3	+ 1.8	81.5	+ 3.5	71.5	− 0.3	60.6	+ 0.3	42.7	− 8.9	43.6	+ 4.4	58.2	− 0.7
Fayetteville	36.2	− 1.8	30.4	− 8.9	52.8	+ 2.9	61.2	+ 3.2	64.2	− 2.0	73.6	− 0.6	79.1	+ 1.1	80.7	+ 3.1	71.6	− 0.8	60.0	− 0.9	42.4	− 7.4	42.3	+ 2.4	57.9	− 0.8
Fort Smith	37.0	− 2.5	32.6	−10.2	55.0	+ 2.4	64.4	+ 2.8	67.2	− 2.4	76.7	− 0.8	82.3	+ 0.8	83.8	+ 3.3	74.0	0.0	62.8	0.0	45.2	− 5.8	41.5	+ 2.4	60.5	− 0.8
Grannis	40.2	.....	35.6	.....	55.1	.....	63.3	.....	65.6	.....	73.0	.....	78.4	.....	81.1^k	.....	72.8	.....	62.4	.....	45.5	.....	43.8	.....	59.8	.....
Gravette	34.8	− 1.9	29.1	− 8.7	51.6	+ 1.8	59.6	+ 3.0	63.2	− 2.4	72.9	− 0.7	78.6	+ 1.4	80.0	+ 2.8	70.4	− 0.4	59.4	− 0.6	40.7	− 8.7	41.2	+ 3.6	56.8	− 0.9
Harrison	35.4^d	− 1.0	31.1	− 6.6	53.9	+ 5.3	62.4	+ 5.7	65.0^b	− 0.4	74.2^b	+ 1.3	79.0^j	+ 2.5	80.0^g	+ 3.7	71.2^g	+ 1.0	60.0^c	− 1.5	42.2^c	− 6.5	43.7^a	+ 6.4	58.2	+ 0.8
Helena	43.0	0.0	38.7	− 4.9	57.4	+ 3.6	64.4	+ 2.0	69.2	− 1.6	77.1	− 1.1	81.8	+ 0.5	80.0	− 0.6	74.5	− 0.3	63.4	+ 0.9	46.0	− 5.2	45.9	+ 1.1	62.0	− 0.4
Hope	43.7	− 1.7	40.2	− 7.4	59.4	+ 1.4	66.4	+ 3.2	70.7	− 0.5	78.8	+ 0.4	84.0	+ 3.4	84.6	+ 3.2	76.4	+ 0.4	66.2	+ 0.6	49.4	− 5.2	50.6	+ 3.9	64.2	+ 0.1
Hot Springs	.....	.....	42.0	− 4.8	56.2	+ 1.9	64.6	+ 2.1	68.2	− 1.6	76.4	− 1.5	81.9	+ 0.5	82.8	+ 2.4	74.3	− 1.1	65.9	+ 2.0	46.6	− 6.2	41.7	− 4.5	.....	.....
Jonesboro	38.0	− 2.4	34.0	− 7.5	56.2	+ 3.4	63.4	+ 2.2	63.0	− 1.8	76.8	− 0.8	81.9	+ 2.0	79.6	− 0.3	73.4	− 0.9	62.6	+ 0.1	46.6	− 4.8	43.0	+ 2.0	50.3	− 0.7
Junction	46.0	+ 0.4	42.6	− 4.5	.....	.....	70.6	+ 5.0	70.7	− 1.1	.....	.....	83.3	+ 1.4	82.6	+ 1.8	76.9	+ 1.3	.....	.....	49.4	− 4.5	45.5	− 0.6	.....	.....
Lambrook	41.4	.....	37.0	.....	56.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lead Hill	36.4	.....	30.4	.....	52.2	.....	61.6	.....	64.6	.....	73.2	.....	79.4	.....	79.2	.....	71.2	.....	58.9	.....	42.8	.....	41.6	.....	57.6	.....
LITTLE ROCK	38.8	− 2.6	36.6	− 8.3	56.8	+ 3.8	61.7	+ 2.6	67.7	− 2.6	77.0	− 0.4	82.3	+ 1.4	81.6	+ 1.8	74.5	+ 0.4	61.1	+ 0.5	47.6	− 4.5	46.1	+ 1.9	61.5	− 0.5
Lurton	32.8	.....	28.6^a	.....	49.7^b	.....	57.2^d	.....	61.8^b	.....	70.8	.....	76.2	.....	78.0	.....	69.6	.....	58.6	.....	41.3	.....	40.5	.....	55.4	.....
Lutherville	37.2	− 2.8	32.6	− 8.4	54.6	+ 2.2	62.5	+ 2.7	65.7	− 2.6	75.4	− 0.4	81.2	+ 1.8	83.2	+ 4.4	74.4	+ 0.8	62.0	+ 0.2	45.8	− 5.4	43.8	+ 2.6	59.9	− 0.4
Magnolia	45.6	.....	41.9	.....	60.0	.....	67.6	.....	70.7^b	.....	78.9	.....	82.8^c	.....	83.9	.....	75.5	.....	61.3	.....	48.4^a	.....	48.4	.....	65.8	.....
Malvern	39.0	− 4.2	36.5	−10.4	55.8	+ 1.7	64.2	+ 3.1	67.8	− 2.1	77.4	− 0.1	82.7	+ 1.7	82.6	+ 2.9	75.8	+ 1.5	64.2	+ 1.4	48.2	− 4.0	46.0	+ 3.0	61.7	− 0.4
Mammoth Spring	35.2	− 1.6	32.9	− 6.5	51.7	+ 4.0	61.1	+ 2.7	64.3	− 1.9	72.0^c	− 2.3	79.6^a	+ 1.6	76.8	− 0.4	71.8	+ 0.4	60.4	+ 2.0	.....	.....	37.6	− 1.1	.....	.....
Marianna	42.4	+ 2.2	37.6	− 5.8	56.8	+ 2.0	65.6	+ 5.1	70.5	+ 0.3	79.0^f	+ 1.0	81.7	+ 1.5	79.2	− 0.2	73.4	+ 0.4	62.2	− 1.4	47.4	− 4.6	45.8	+ 3.8	61.8	+ 0.4
Marked Tree	36.0	− 3.1	34.0	−10.1	53.8	+ 2.6	62.2	+ 0.3	66.8	− 2.5	76.4	− 1.3	80.4	− 0.2	77.6	− 1.6	71.6	− 2.5	60.0	− 1.7	45.4	− 3.9	41.2	+ 0.2	58.8	− 2.1
Marshall	37.2	− 1.2	31.8	−11.9	53.9	+ 0.3	62.4	+ 1.6	65.4	− 1.8	73.2	− 3.4	79.4	+ 0.6	79.8	+ 1.1	72.4	− 0.1	60.1	− 1.4	45.8^b	− 5.9	43.8	+ 1.0	58.7	− 1.8
Mena	39.2	− 2.1	34.0	− 9.6	55.6	+ 3.0	63.5	+ 2.1	66.2	− 2.7	75.9	− 0.5	80.2	+ 0.4	83.2	+ 3.8	72.7	− 1.1	61.4	− 1.4	44.8	− 8.3	44.6	+ 2.6	60.1	− 1.2
Morrillton	36.8	.....	31.4	.....	53.2	.....	63.4	.....	67.3	.....	76.2	.....	82.5	.....	82.7	.....	75.8	.....	62.6	.....	45.8	.....	44.2	.....	60.2	.....
Mountain Home	35.6	− 1.6	30.8	− 9.9	53.4^b	+ 2.8	60.8^l	+ 1.4	64.6	− 1.3	73.6	− 1.2	79.2	+ 1.9	77.5	− 0.3	67.1	− 3.9	53.8	− 5.5	39.4	−10.2	.....	.....	.....	.....
Mount Ida	40.4^d	− 0.3	34.6	−11.2	55.2	+ 2.0	64.0	+ 2.6	67.2	− 1.1	73.8	− 2.7	79.5	0.0	80.6	+ 1.3	71.7	− 1.2	60.8	− 0.5	45.2	− 5.9	44.8	+ 1.3	59.8	− 1.3
Newport	38.2	− 1.0	35.1	− 5.4	56.8	+ 4.2	64.6	+ 2.8	68.8	− 1.2	77.4	− 0.4	81.8	+ 0.8	80.2	+ 0.4	71.0	+ 0.2	63.2	+ 1.8	47.8	− 3.2	44.6	+ 2.7	61.0	+ 0.1
Osceola	37.3	− 2.5	35.4	− 6.9	54.4	− 0.4	63.6	+ 3.9	66.6	− 3.0	77.2	0.0	81.3	+ 1.2	78.8	− 0.2	72.8	− 0.7	62.0	+ 0.4	46.6	− 3.2	41.4^j	− 1.4	59.8	− 1.0
Ozark	.....	.....	31.9^b	−11.0	55.6	+ 2.2	61.6	− 0.8	66.6	− 3.8	76.0^g	− 2.0	82.8^c	+ 1.0	82.4	+ 0.9	73.6	− 2.5	61.3	− 2.3	44.0	− 8.2	40.8	− 0.4	.....	
Pine Bluff	43.6	+ 0.5	40.4	− 5.0	60.4	+ 5.6	67.8	+ 3.4	71.6	− 0.4	80.2	+ 1.2	85.2	+ 3.0	82.2	+ 0.8	76.2	+ 0.2	65.6	+ 3.0	49.0	− 3.8	48.3	+ 3.9	64.2	+ 1.0
Pocahontas	35.8	− 2.2	33.6	− 6.8	54.8	+ 3.2	61.6	+ 1.6	66.9	− 1.7	75.4	− 1.0	80.8	− 0.9	78.4	− 2.6	72.4	− 2.4	61.8	− 1.1	46.6	− 4.6	42.8	− 2.0	59.2	− 1.4
Portland	46.8	+ 0.5	42.2	− 6.3	60.9	+ 2.1	68.2	+ 4.5	72.2	+ 0.9	78.6	− 0.6	80.6	− 0.9	80.0	− 1.1	74.7	− 1.7	64.0	− 0.8	50.8	− 3.1	48.2	+ 0.8	63.9	− 0.5
Prescott	43.2	− 0.9	41.6	− 4.7	59.4	+ 3.5	67.4	+ 4.5	70.2	0.0	80.4	+ 1.9	83.8	+ 2.1	83.8	+ 2.6	76.6	+ 0.8	65.4	+ 1.0	49.8	− 4.4	45.4	− 0.3	63.9	+ 0.5
Rison	45.2	+ 1.6	41.8	− 2.6	59.9	+ 4.9	67.4	+ 4.4	70.4	− 0.6	79.2	+ 1.3	84.0	+ 3.2	83.6	+ 2.6	77.4	+ 1.6	66.2	+ 2.6	51.6^b	− 1.5	49.4	+ 3.9	64.7	+ 1.8
Rogers	35.9	− 1.0	29.8	− 8.5	52.7	+ 3.3	61.7	+ 3.6	61.2	− 1.9	72.8	− 0.6	79.2	+ 2.2	80.0	+ 3.0	70.6	− 0.5	59.4	− 0.2	41.4	− 7.9	42.1	+ 3.5	57.5	− 0.4
Saratoga	.....	.....	.....	.....	.....	.....	.....	.....	69.6	.....	79.6^h	.....	81.7	.....	82.6	.....	76.2	.....	65.0	.....	48.0	.....	46.6	.....	.....	.....
Searcy	38.4	− 2.0	.....	.....	55.3	+ 2.3	63.4	+ 1.8	67.2	− 1.5	75.2	− 2.0	80.8	+ 0.1	79.8	− 0.1	72.6	− 0.8	62.8	+ 1.5	46.8	− 3.9	41.4	+ 1.9	.....	.....
Stuttgart	41.3	− 0.9	38.8	− 5.4	57.8	+ 3.8	65.6	+ 3.6	63.8	− 0.1	77.8	+ 0.2	82.8	+ 2.1	81.5	+ 1.2	75.2	+ 0.4	63.8	+ 1.0	48.4	− 3.8	46.6	+ 3.0	62.4	+ 0.4
Subiaco	38.5	− 2.9	33.4	− 9.0	55.8	+ 2.2	65.2^c	+ 4.1	68.2	− 1.8	77.0	− 0.4	82.0	+ 0.7	83.6^c	+ 2.8	73.4	+ 0.8	62.2	− 1.2	46.2	− 6.8	45.3	+ 3.1	61.0	− 0.6
Texarkana	45.0	− 1.2	40.9	− 6.9	60.2	+ 3.4	67.6	+ 3.8	71.6	0.0	73.4	+ 0.4	82.6	+ 0.3	83.0	+ 1.1	74.1	− 2.6	61.8	+ 0.2	47.8	− 7.6	46.9	+ 0.1	63.7	− 0.7
Thornburg	36.8	.....	32.2	.....	53.9	.....	62.4	.....	64.4	.....	71.4	.....	77.6	.....	78.1	.....	70.4	.....	59.0	.....	42.6	.....	43.9	.....	57.8	.....
Warren	46.0	+ 1.1	40.5	− 5.1	60.2	+ 4.1	67.4	+ 4.8	71.0	0.0	80.2	+ 1.4	83.4	+ 1.6	81.8	+ 0.7	75.0	− 1.0	65.1	+ 1.2	51.0	− 2.6	48.0	+ 3.3	64.1	+ 0.7
Wilson	38.9	.....	34.8	.....	54.4	.....	63.2	.....	67.8	.....	76.0	.....	80.8	.....	77.0	.....	71.9	.....	60.2	.....	47.1	.....	44.0	.....	59.7	.....
Winslow	.....	.....	.....	.....	.....	.....	59.3	+ 1.7	62.0	− 3.2	71.0	− 0.5	75.6	− 0.1	77.6	+ 2.6	69.8	+ 1.0	58.4	− 1.0	41.2^c	− 4.9	48.8	+ 4.8	.....	.....
Wynne	38.3	− 1.9	35.4	− 8.4	57.0	+ 5.4	61.6	+ 0.3	68.2	− 1.8	77.4	− 1.1	82.7	+ 1.7	78.8	− 1.0	71.4	+ 0.6	62.8	− 0.2	47.6	− 4.2	45.1	+ 3.3	60.8	− 0.6

Departures from the normal temperatures are based on records of 10 years or more. Reference letters ^{a} ^{b} ^{c} appearing in the table indicate number days missing

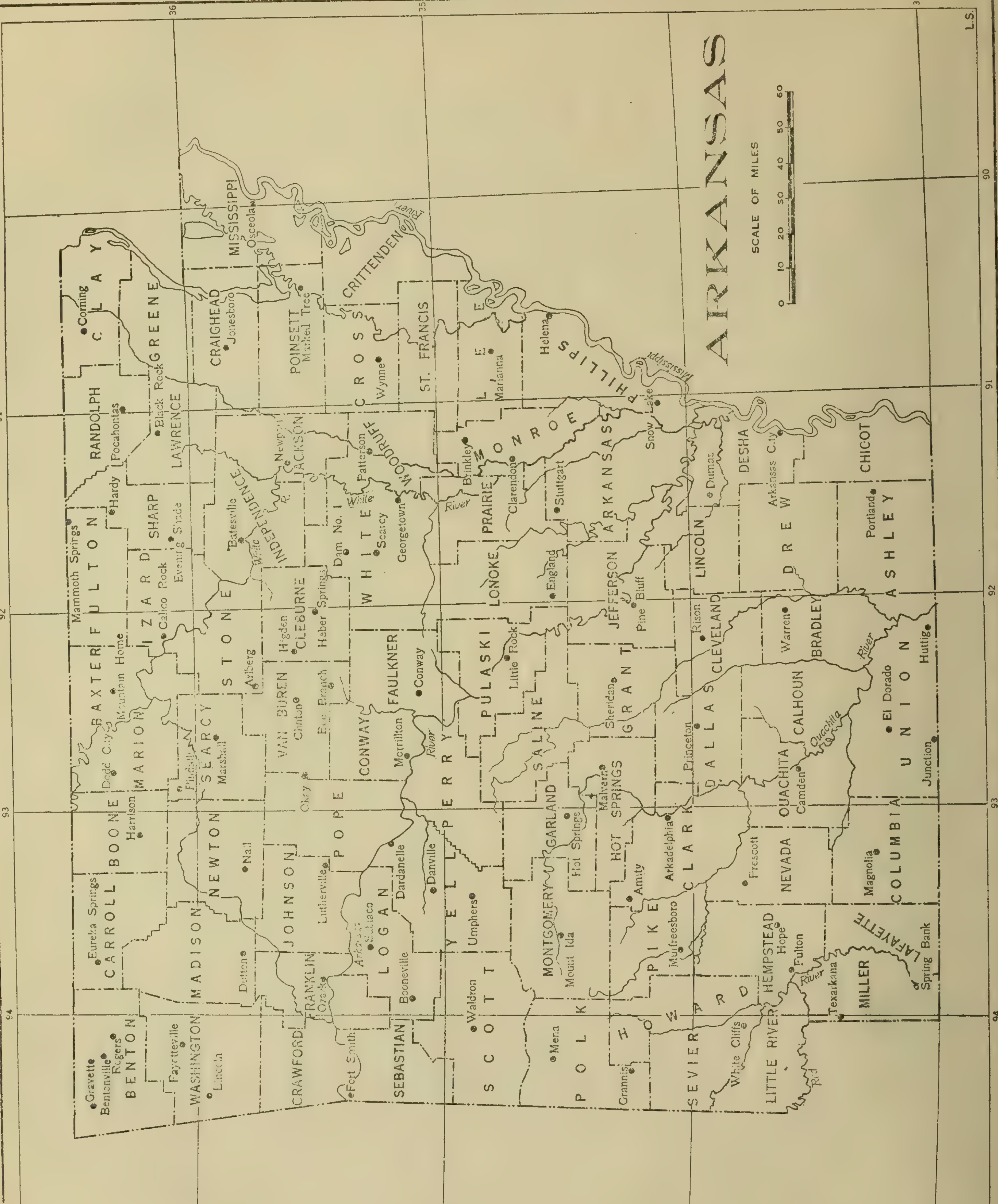
COOPERATIVE OBSERVERS

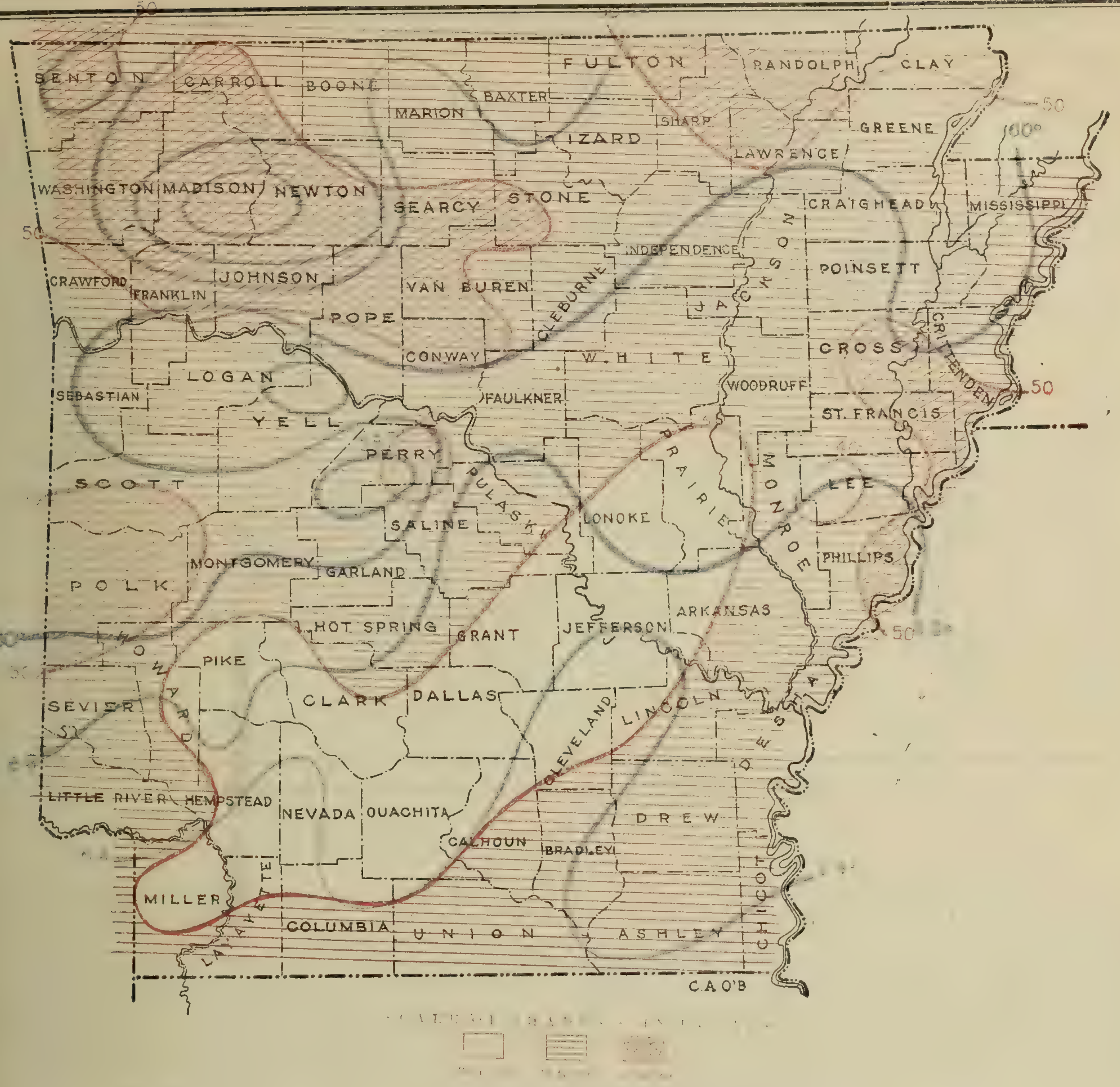
Stations	Observers
Amity	J. W. Campbell
Arkadelphia	W. K. Brown
Arkansas City	J. H. Catham
Arlberg	J. D. Reeves
Batesville	Mrs. Lelia I. Teter
Bee Branch	J. E. Scanlan
Bentonville	U. S. Weather Bureau
Black Rock	Vernon C. Howe
Blytheville	B. E. Smith
Booneville	F. H. Randolph
Brinkley	Robt. J. Torry
Calico Rock	W. J. Copp
Camden	A. B. Quarterman
Center Point	John C. Floyd
Clarendon	J. W. Bishop
Clinton	A. L. Stephens
Conway	E. E. Cordrey
Corning	Winfred D. Polk
Corning (River)	Henry Stafford
Cotter	J. O. Linck
Crossett	G. A. Gifford
Danville	C. G. Hudson
Dardanelle	G. N. Goodier
De Valls Bluff	H. G. Pate
Dumas	Ben Johnson
Dutton	J. M. Ricketts
El Dorado	J. J. Babb
England	Dr. R. H. Hardin
Eureka Springs	Geo. W. Nichoalds
Fayetteville	University of Ark.
Fort Smith	U. S. Weather Bureau
Freeman Springs	J. R. Mc Cuiston
Fulton	T. J. Logan
Georgetown	W. R. Owens
Gilbert	Ben. F. Bartenfield
Grannis	W. E. McVey
Gravette	A. F. Stevens
Harrison	G. L. Wright
Helena	James A. Burnett
Higden	George W. Baker
Hope	N. P. O'Neal
Hot Springs	Geo. C. Bolton
Index	H. G. Sanderson
Jessieville	U. S. Forest Service
Jonesboro	Benedictine Sisters
Junction	J. A. Lowderback
Lead Hill	J. H. Crosswhite
Little Rock	U. S. Weather Bureau
Lurton	I. C. Sutton
Lutherville	H. G. Lenhardt
Magnolia	State Agr. School
Malvern	Mrs. W. L. Matthews
Mammoth Spring	L. G. Humphrey
Marianna	C. N. Houck
Marked Tree	Chas. W. Walton
Marshall	A. J. Parks
Mena	E. W. St John
Morrillton	John Cook
Mountain Home	B. S. Halbert
Mount Ida	G. A. Whittington
Newport	A. C. Wilkerson
Norman	U. S. Forest Service
Oden	U. S. Forest Service
Osceola	June Thomason
Ozark	Orkney O. Milton
Paragould	W. R. Heagler
Patterson	W. E. Baker
Piggott	V. C. Wright
Pine Bluff	Miss Theresa Scheu
Pocahontas	Benedictine Sisters
Portland	W. E. Edmiston
Prescott	C. D. Calhoun
Princeton	Mrs. F. P. Coleman
Rison	Mrs. M. V. Tisdale
Rogers	Carl A. Starck
St. Francis	S. T. Rooney
Saratoga	Frank K. Hensley
Searcy	Arthur D. Smith
Springbank	Miss Grace Field
Story	S. C. Story
Stuttgart	A. F. Buerkle
Subiaco	New Subiaco Abbey
Texarkana	H. S. Brashear
Thornburg	Edward E. Holmes
Waldron	Dr. Cheves Bevill
Warren	Miss Evelyn Hoyle
Waters	J. R. Huddleston
Whitecliffs	Miss N. O. Schirmer
Wilson	D. Anderson
Winslow	O. H. Black
Wynne	R. T. Cobbs
Yancopin	W. E. Barton

Monthly and Annual Precipitation for the Year 1929, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Amity	3.27	-1.24	1.97	-1.80	1.48	-3.78	1.91	-3.71	3.10	2.42	1.67	-4.01	1.66	-2.30	1.84	-2.52	3.89	+0.60	5.18	+2.20	3.22	-0.74	3.39	-1.02	32.58	-20.80
Arkadelphia	5.29	+1.32	4.00	-0.47	3.90	-1.20	2.97	-2.42	5.06	-0.42	2.93	-2.16	2.96	-0.79	0.32	-4.20	1.64	-1.00	5.07	+2.24	2.92	-0.63	4.46	-0.38	41.47	-10.11
Arkansas City	2.35	-2.35	5.88	-1.38	5.49	+0.07	5.06	+0.40	2.22	-2.30	1.63	-2.61	2.03	-1.83	1.80	-2.12	1.06	-1.86	2.80	+0.60	6.63	+2.24	4.03	-0.86	40.38	-9.30
Arlberg	6.07	......	4.72	......	3.19	......	8.08	......	8.36	......	5.25	......	2.38	......	1.20	......	1.36	......	5.18	......	2.64	......	4.98	......	53.41	......
Batesville	5.86	+1.67	3.23	-0.19	4.54	+0.42	7.46	+2.78	7.39	+2.50	3.67	-0.40	2.88	-0.39	0.66	-3.59	1.22	-2.68	4.15	+1.29	1.05	-2.50	2.81	-1.10	44.88	-2.19
Bee Branch	7.03	+2.93	2.83	-0.80	5.61	+0.43	9.38	+4.41	4.81	0.00	5.31	+1.19	3.75	+0.04	T.	-3.87	0.93	-2.19	2.63	+0.81	2.60	-0.83	4.89	+0.94	50.77	+3.06
Bentonville	3.92	+1.29	2.90	+0.38	2.05	-1.77	7.55	+3.96	9.95	+4.71	8.07	+3.49	3.68	-0.63	0.20	-3.84	3.81	+0.34	5.92	+3.11	1.42	-1.57	2.71	+0.05	52.41	+9.42
Black Rock	6.77	+2.47	3.37	+0.24	4.53	+0.31	9.38	+3.97	7.85	+2.92	3.66	+0.29	2.97	-0.92	2.65	-1.70	3.87	+0.63	5.48	+2.91	0.99	-3.16	4.47	+0.72	55.96	+8.68
Blytheville	3.76	......	3.98	......	4.57	......	7.95	......	6.10	......	3.95	......	3.87	......	4.72	......	1.74	......	2.32	......	2.19	......	2.31	......	47.39	......
Booneville	5.31	+0.48	3.85	+1.78	2.59	-0.83	4.70	+0.51	6.14	+1.46	4.20	+0.01	3.60	+0.49	0.34	-2.65	4.10	+0.92	3.54	+0.65	1.90	-2.12	4.73	+1.88	45.00	-2.58
Brinkley	4.17	-0.83	4.50	+0.54	3.17	-2.80	5.97	+0.55	4.83	0.00	5.16	+1.72	3.01	-1.08	3.90	+0.38	2.83	-0.40	3.38	+0.46	3.02	-1.17	4.59	-0.35	48.53	-2.95
Calico Rock	5.26	+1.68	4.00	+1.58	2.05	-1.52	7.55	+2.86	6.59	+2.14	3.89	+0.34	3.20	-0.24	0.82	-4.28	1.11	-2.46	5.87	+3.36	1.40	-1.69	5.70	+2.71	47.44	+4.48
Camden	4.71	+0.11	3.55	-0.45	4.42	-0.75	3.40	-1.54	3.58	-0.89	0.02	-4.67	2.50	-1.41	0.36	-2.90	1.53	-1.79	1.64	-1.17	5.27	+1.20	4.23	-0.44	35.18	-14.70
Center Point	5.91	+2.17	3.97	+0.75	2.83	-2.24	2.40	-2.95	6.99	+0.71	1.76	-2.62	3.05	-1.05	0.38	-2.97	2.53	-1.14	3.92	+1.06	3.02	-0.36	2.87	-1.38	39.63	-10.02
Clarendon	5.28	+0.94	3.48	-0.31	2.80	-2.49	7.02	+0.69	3.72	-1.34	3.95	+0.61	1.12	-2.22	0.76	-3.45	2.78	-0.82	3.22	+0.18	2.86	-1.04	5.39	+0.38	42.38	-8.87
Clinton	5.84	......	5.29	......	6.27	......	5.92	......	6.66	......	2.16	......	2.52	......	0.54	......	1.13	......	5.01	......	3.08	......	5.27	......	49.69	......
Conway	4.39	+0.14	4.59	+0.93	4.03	-0.66	6.20	+1.55	7.94	+3.21	4.10	+0.05	0.44	-2.88	1.37	-2.14	1.85	-1.66	4.05	+1.40	2.22	-1.88	2.42	-1.72	43.60	-3.66
Corning	7.26	+3.57	4.59	+1.08	4.99	+0.29	10.02	+5.14	5.97	+1.61	3.58	-0.54	2.32	-1.15	3.46	-0.18	1.09	-2.63	2.21	-1.06	1.82	-1.86	4.05	+0.10	51.36	+4.37
Corning (river)	7.72	......	3.75	......	4.86	......	8.78	......	5.53	......	2.96	......	3.99	......	3.05	......	1.57	......	2.31	......	1.20	......	3.85	......	49.57	......
Cotter	5.77	......	5.51	......	1.35	......	5.16	......	7.50	......	3.24	......	3.23	......	2.33	......	1.55	......	5.65	......	1.15	......	3.96	......	46.40	......
Crossett	3.09	-2.08	4.39	+1.41	5.42	+0.20	5.95	+1.43	4.66	+0.54	0.37	-5.14	4.71	+0.13	0.25	-4.00	4.06	+1.56	3.49	+0.19	5.01	1.24	4.51	+0.46	45.88	-4.06
Danville	4.85	+1.46	4.22	+2.20	4.62	+0.32	3.49	-0.48	6.42	+2.61	6.65	+3.29	2.64	-0.50	0.00	-3.53	1.98	-0.97	5.97	+2.16	2.34	-1.19	3.67	+0.71	46.80	+6.08
Dardanelle	5.08	+1.73	4.72	+1.69	3.25	-1.21	5.75	+1.71	5.13	-0.37	3.90	+0.26	2.49	-1.04	0.29	-3.44	2.61	-0.68	6.75	+4.11	2.59	-0.91	2.10	-1.10	44.66	+0.81
De Valls Bluff	3.53	......	2.73	......	3.37	......	4.53	......	4.84	......	4.81	......	2.69	......	1.45	......	0.90	......	3.17	......	2.41	......	3.97	......	38.70	......
Dumas	4.63	-0.36	4.40	+0.44	4.85	-1.00	3.85	-1.10	3.85	-1.34	1.11	-3.02	3.21	-0.18	1.60	-2.35	0.57	-3.23	3.78	+0.50	4.22	+0.23	3.91	-1.45	40.13	-12.77
Dutton	8.00	+4.08	3.40	+0.48	3.97	-0.33	7.35	+1.57	7.47	+1.03	7.66	+2.16	8.44	+4.20	0.98	-3.47	1.18	-2.92	4.49	+1.49	1.87	-1.52	3.92	+0.50	58.72	+7.17
El Dorado	4.75	+1.56	5.77	+2.43	3.65	-0.79	5.08	-0.01	2.99	-1.56	1.56	-1.44	2.15	-1.12	1.45	-1.87	4.20	+1.34	1.38	-1.45	3.53	+0.31	5.88	+1.22	42.65	-1.38
England	3.82	-0.24	3.45	-0.73	3.30	-1.99	4.68	-1.36	3.43	-0.66	2.56	-1.10	2.52	+0.11	0.10	-4.50	0.46	-3.24	3.53	+0.65	2.05	-1.66	3.93	-0.65	33.83	-15.57
Eureka Springs	4.60	+1.52	2.57	-0.07	2.30	-1.62	8.69	+4.02	10.85	+5.03	7.02	+1.31	4.31	+0.39	1.42	-2.76	4.33	+0.37	7.35	+4.32	1.59	-1.36	2.66	+0.24	57.73	+10.45
Fayetteville	5.02	+2.03	3.68	+1.14	2.37	-1.71	6.90	+2.38	7.47	+1.86	6.66	+2.09	5.02	+0.90	0.35	-3.86	5.07	+1.89	6.00	+2.81	1.12	-1.96	3.12	+0.51	52.78	+8.08
Fort Smith	4.26	+1.72	2.66	+0.10	5.45	+2.44	3.78	-0.16	7.10	+2.28	5.22	+1.50	2.99	-0.38	0.12	-3.16	3.52	+0.53	4.09	+1.10	1.46	-1.47	4.12	+1.36	44.71	+5.84
Freeman Springs	6.86	......	4.26	......	3.58	......	6.17	......	8.53	......	2.91	......	4.86	......	0.67	......	2.55	......	5.40	......	2.38	......	3.94	......	51.56	......
Fulton	5.72	+1.63	3.65	+0.64	3.82	-0.75	3.58	-0.85	5.99	+1.42	0.74	-3.19	4.84	+1.43	0.94	-1.98	2.45	+0.01	2.38	+0.01	3.63	+0.12	2.69	-1.62	40.43	-3.13
Georgetown	2.78	-2.71	2.60	-0.68	4.09	-1.64	6.43	+0.68	7.95	+4.02	5.38	+1.93	1.36	-1.25	1.86	-2.36	1.97	-2.01	2.74	-1.89	2.31	-1.28	3.28	-0.99	42.75	-7.71
Gilbert	5.82	......	3.79	......	2.83	......	7.07	......	7.11	......	3.15	......	3.95	......	0.95	......	1.75	......	6.02	......	1.71	......	3.84	......	48.62	......
Grannis	7.72	......	5.18	......	3.24	......	5.75	......	6.78	......	3.1	......	2.07	......	0.55	......	5.44	......	6.14	......	3.32	......	3.28	......	52.56	......
Gravette	3.54	+1.04	2.92	+1.08	3.04	-0.66	9.11	+5.00	11.08	+5.56	6.68	+1.27	2.77	-1.42	0.16	-3.82	4.19	+0.78	8.62	+5.58	1.28	-1.73	1.99	-0.20	55.38	+12.48
Harrison	5.72	+2.83	2.62	+0.02	2.71	-0.46	7.25	+2.65	8.29	+3.2[illegible]	6.02	+2.04	2.01	-2.31	0.99	-2.73	3.40	-0.19	4.77	+2.08	1.60	-1.19	3.52	+1.02	48.90	+6.96
Helena	5.14	-0.23	4.30	-0.41	3.92	-2.26	6.85	+1.15	7.48	+2.99	4.06	+0.13	1.91	-1.89	0.64	-3.20	4.17	+0.74	5.53	+2.97	6.57	+2.08	3.30	-1.64	53.85	+0.43
Higden	6.60	......	3.27	......	5.22	......	7.49	......	6.94	......	3.70	......	2.50	......	0.21	......	0.77	......	4.18	......	2.51	......	3.86	......	47.25	......
Hope	5.40	+0.42	3.61	-0.38	3.37	-1.93	3.25	-2.17	4.79	-0.42	0.63	-3.26	3.97	-1.45	0.23	-3.37	2.93	-0.06	2.20	-1.15	4.10	-0.37	3.94	-0.40	37.56	-14.51
Hot Springs	6.09	+1.33	2.00	-1.62	4.10	-1.18	5.62	-0.40	6.46	+0.81	5.02	+0.44	2.78	-1.45	1.48	-2.42	3.22	-0.25	4.14	+1.03	4.49	+0.19	2.85	-1.33	48.25	-4.85
Index	5.43	......	3.51	......	5.12	......	2.95	......	6.00	......	1.27	......	3.62	......	1.25	......	2.79	......	1.60	......	3.02	......	2.50	......	39.06	......
Jessieville	6.39	......	3.66	......	3.37	......	6.89	......	3.76	......	......	......	2.20	......	......	......	1.16	......	5.86	......	3.65	......	2.63	......	......	......
Jonesboro	2.97	-2.26	3.81	-0.05	5.21	+0.30	5.48	+0.68	6.63	+2.46	3.80	+0.10	1.80	-1.70	1.78	-1.76	2.75	-0.74	3.93	+0.60	2.35	-1.08	1.51	-3.11	42.11	-6.62
Junction	3.36	-0.54	4.27	+0.85	......	......	4.28	-0.59	3.18	-1.38	......	......	3.85	-0.19	1.02	-2.54	3.33	+1.05	......	......	1.66	-1.67	4.22	+0.45	......	......
Lambrook	3.45	......	4.48	......	3.16	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Lead Hill	5.11	......	2.16	......	1.81	......	5.94	......	9.39	......	3.74	......	2.10	......	1.46	......	3.14	......	4.80	......	1.61	......	2.71	......	43.97	......
LITTLE ROCK	3.69	-1.01	2.38	-1.46	4.72	+0.10	4.93	-0.26	6.29	+1.42	4.25	+0.49	1.20	-2.30	1.95	-1.80	1.43	-1.74	4.76	+2.05	1.85	-2.34	3.81	-0.33	41.17	-7.21
Larton	7.28	......	4.70	......	4.43	......	6.54	......	9.15	......	4.21	......	4.43	......	1.19	......	1.92	......	8.42	......	2.47	......	4.05	......	58.79	......
Lutherville	7.01	+3.57	5.02	+1.95	6.08	+2.31	6.19	+1.7[illegible]	6.18	+1.08	3.88	-0.59	4.08	+0.58	0.09	-4.08	2.43	-1.62	6.31	+2.63	2.31	-1.12	4.66	+1.12	54.21	+8.16
Magnolia	4.37	......	3.36	......	4.18	......	4.60	......	2.80	......	0.36	......	3.21	......	0.61	......	3.94	......	1.68	......	4.40	......	5.20	......	38.71	......
Malvern	6.79	+1.50	5.03	+1.53	3.78	-1.47	3.87	-1.30	6.51	+1.91	3.24	-0.92	2.87	-0.58	0.21	-3.44	0.87	-2.31	5.57	+2.86	4.37	-0.21	4.45	-0.25	47.56	-2.88
Mammoth Spring	4.79	+1.40	4.00	+1.36	2.42	-2.44	6.05	-0.83	8.45	+5.15	2.72	-1.63	1.35	-2.22	2.81	-1.63	2.53	-1.08	2.84	-0.01	......	......	4.35	+1.27	......	......
Marianna	2.88	-1.90	4.60	+0.08	2.62	-3.06	5.99	+2.14	2.81	-2.12	4.10	-0.42	1.56	-2.14	0.91	-1.70	2.19	-1.05	4.31	+0.62	2.15	-0.85	3.77	-0.79	37.29	-11.21
Marked Tree	4.32	-1.17	6.24	+2.78	3.76	-1.2[illegible]	5.68	+0.09	9.02	+5.33	3.64	+0.71	1.41	-1.99	1.77	-2.20	2.87	+0.43	4.08	-0.18	2.85	-1.65	2.64	-1.84	49.28	-0.94
Marshall	5.89	+2.05	3.90	+1.68	2.71	-1.51	12.91	+6.84	10.15	+4.0[illegible]	3.34	-0.56	1.99	-1.28	1.80	-3.00	1.55	-2.38	9.38	+6.62	1.80	-2.09	4.09	+0.46	59.49	+10.88
Mena	6.81	+3.02	6.00	+2.79	2.57	-2.40	4.01	-1.75	10.23	+3.76	4.50	-0.34	4.36	+0.31	0.27	-4.63	5.60	+2.01	6.02	+2.65	3.10	-0.36	3.06	-0.81	56.53	+4.25
Morrilton	6.38	......	2.64	......	3.50	......	4.46	......	5.15	......	2.96	......	1.15	......	0.15	......	2.09	......	4.80	......	3.84	......	3.50	......	40.62	......
Mountain Home	5.58	+2.93	6.00	+3.62	2.23	-2.28	4.75	+0.5[illegible]	6.62	+1.16	4.11	-0.18	4.71	+0.29	1.78	-2.12	1.60	-2.46	7.92	+4.47	0.78	-2.48	......	......	......	......
Mount Ida	5.62	+1.31	4.14	+0.62	3.09	-1.72	5.54	-0.17	7.66	-1.84	2.51	-2.13	2.87	-0.65	0.18	-3.55	5.79	+2.60	3.97	+0.32	2.98	-1.06	2.88	-1.31	47.23	-4.50
Newport	3.67	-1.25	3.29	-0.33	4.31	-0.58	5.6[illegible]	+0.65	5.35	+1.06	5.55	+1.91	2.48	-0.68	1.55	-1.93	1.23	-2.52	2.99	+0.32	1.88	-2.52	3.40	-0.46	41.30	-6.35
Norman	5.10	......	4.65	......	3.31	......	5.51	......	5.98	......	3.18	......	3.49	......	0.40	......	4.57	......	3.88	......	3.15	......	3.67	......	49.89	......
Ola	5.03	......	5.58	......	2.15	......	2.8[illegible]	......	6.51	......	3.23	......	2.51	......	3.35	......	2.85	......	4.75	......	2.77	......	3.83	......	45.36	......
Osceola	2.78	-2.37	2.73	-0.99	4.61	-0.81	5.11	+0.85	7.75	+2.97	3.94	+0.48	4.43	+0.87	1.60	-1.23	2.17	-0.49	4.17	+1.92	2.41	-2.44	3.46	-0.69	45.16	-1.93
Ozark	6.29	+3.80	3.15	+0.60	5.55	+1.40	3.92	0.62	8.69	+3.15	8.02	+3.75	2.92	-0.43	0.55	-3.71	2.45	-0.54	6.02	+3.17	1.76	-1.42	4.36	+1.12	53.48	+10.27
Paragould	3.74	......	5.34	......	5.41	......	5.53	......	5.21	......	3.01	......	3.50	......	3.85	......	2.30	......	1.11	......	3.47	......	5.35	......	47.62	......
Patterson	2.77	-1.92	4.89	+1.90	3.97	-2.64	5.74	-0.57	6.11	+1.44	6.73	+2.63	0.65	-2.51	0.65	-2.08	0.77	-1.99	3.55	-0.64	2.31	-2.71	3.48	-0.52	41.62	-9.61
Piggott	6.13	......	5.05	......	4.03	......	5.50	......	5.76	......	4.48	......	6.39	......	3.50	......	1.83	......	2.51	......	2.74	......	5.03	......	52.95	......
Pine Bluff	4.95	-0.09	3.77	-0.23	3.18	-2.33	4.96	-0.54	2.50	-2.08	4.32	+0.45	1.88	-1.64	0.99	-2.35	0.31	-3.30	2.67	+0.06	2.54	-1.65	5.00	+0.03	37.07	-13.67
Pocahontas	7.02	+2.78	3.04	-0.23	4.36	-0.29	7.66	+2.88	7.93	+3.44	4.64	+0.69	4.26	-0.26	3.87	-0.69	1.82	-1.76	4.02	+1.20	1.54	-1.97	5.59	+1.95	55.75	+7.74
Portland	3.38	-1.67	4.07	-0.22	4.82	-0.44	6.07	+0.77	4.44	-1.90	1.38	-2.76	5.12	+0.62	2.33	-1.64	2.64	-0.11	3.85	+1.11	6.32	+2.72	3.94	-1.56	48.36	-5.08
Prescott	4.89	+0.55	2.65	-0.87	4.09	-0.52	3.03	-2.36	3.87	-1.13	1.44	-2.30	3.37	+0.25	0.08	-3.30	2.38	-0.60	5.10	+2.61	2.65	-0.84	2.77	-1.34	36.32	-9.85
Princeton	5.59	+1.30	3.55	-0.29	5.82	+0.70	2.82	-2.70	1.95	-3.21	1.22	-2.93	3.07	-1.32	1.69	-1.74	1.25	-2.08	2.32	-0.46	3.18	-0.78	3.70	-1.64	36.10	-15.15
Rison	4.40	-0.88	4.17	+1.03	3.40	-1.91	5.03	+0.46	3.22	-0.43	0.36	-3.59	1.71	-1.59	1.87	-1.50	1.69	-1.68	2.87	-0.01	3.03	-0.35	4.18	+0.47	35.99	-9.98
Rogers	4.67	+2.21	2.45	+0.57	1.85	-1.71	8.12	+3.77	9.09	+3.93	4.68	+0.07	3.02	-1.09	0.86	-2.70	3.85	+0.35	6.00	+3.19	1.33	-1.60	2.36	+0.06	48.31	+7.03
Saratoga	......	......	......	......	......	......	......	......	4.81	......	1.26	......	3.07	......	0.00	......	2.61	......	3.36	......	3.12	......	4.38	......	......	......
St. Francis	6.42	......	4.78	......	3.41	......	5.26	......	5.73	......	4.07	......	3.88	......	4.73	......	2.90	......	2.28	......	2.76	......	4.87	......	51.09	......
Searcy	4.25	+0.07	......	......	3.73	-1.74	5.53	+0.15	6.90	+2.05	4.45	+0.93	0.66	-1.88	0.41	-3.32	2.18	-1.11	2.87	-0.32	1.81	-3.67	3.36	-1.36	......	......
Springbank	5.23	+1.23	3.16	-0.21	3.28	-1.51	7.31	-0.08	5.77	+1.53	1.10	-3.26	5.34	+1.76	3.09	-1.10	1.17	-2.13	2.05	-1.01	3.63	+0.16	5.35	+0.50	46.81	-4.12
Story	6.26	......	5.21	......	3.99	......	5.05	......	5.65	......	3.73	......	3.27	......	2.52	......	2.28	......	4.79	......	2.33	......	4.26	......	49.26	......
Stuttgart	5.10	+0.19	4.44	+0.83	2.72	-3.05	5.32	+0.10	2.97	-2.62	3.46	-0.65	1.55	-2.30	0.50	-3.08	1.93	-1.51	4.05	+1.12	3.87	-0.12	5.18	+0.47	40.22	-10.62
Subiaco	5.83	+2.63	4.60	+1.91	4.30	-1.49	4.65	+0.37	5.27	-0.31	6.39	+2.42	2.78	-0.60	0.14	-3.74	2.87	-0.37	5.44	+2.35	2.29	-0.83	3.78	+0.80	48.34	+6.12
Texarkana	5.61	+2.37	3.76	+0.82	4.08	-0.11	3.67	-1.56	8.27	+4.17	0.95	-2.68	3.60	+0.18	0.30	-2.90	2.33	-0.40	1.86	-0.85	3.02	-0.13	3.56	+0.03	41.01	-1.06
Thornburg	6.07	......	4.56	......	3.67	......	6.72	......	8.75	......	5.56	......	4.87	......	1.22	......	2.87	......	5.14	......	2.39	......	3.30	......	55.10	......
Waldron	5.49	......	6.29	......	3.42	......	2.49	......	6.63	......	6.23	......	2.05	......	0.29	......	2.50	......	5.14	......	2.18	......	3.92	......	46.63	......
Warren	4.54	-0.01	4.50	+0.22	3.09	-2.49	2.37	-2.98	2.54	-2.05	2.85	-1.13	5.15	+1.72	2.17	-2.03	2.90	-1.28	3.29	-0.20	4.00	+0.03	5.62	+0.19	43.02	-10.01
Waters	6.82	......	5.53	......	5.36	......	6.78	......	6.94	......	4.83	......	8.19	......	0.00	......	5.86	......	6.17	......	2.68	......	3.52	......	57.68	......
Whitecliffs	5.26	+2.14	3.98	+0.96	5.57	+1.38	2.59	-3.52	6.28	+1.38	1.21	-2.30	3.47	+1.33	T.	-3.41	2.94	+0.55	4.55	+1.57	3.10	+0.16	3.95	+0.06	42.90	+0.30
Wilson	2.41	......	3.57	......	2.95	......	5.90	......	6.87	......	2.29	......	4.62	......	3.85	......	2.67	......	4.05	......	2.60	......	3.08	......	44.84	......
Winslow	......	......	......	......	......	......	6.32	+1.99	10.28	+2.98	6.88	+1.84	6.40	+1.12	0.51	-4.56	2.23	-1.44	5.10	+0.54	2.72	-0.16	3.61	-0.83	......	......
Wynne	4.08	-0.67	4.49	+0.95	4.70	-0.30	10.28	+4.69	11.52	+7.06	3.35	-0.20	2.00	-1.78	1.85	-2.13	1.75	-1.68	3.84	-0.05	2.60	-1.05	4.07	-0.71	54.51	+4.13
Yancopin	3.90	......	4.63	......	4.05	......	4.62	......	2.43	......	2.88	......	2.65	......	1.83	......	1.20	......	3.92	......	4.47	......	4.14	......	40.72	......

Departures from the normal precipitation are based on records of ten or more years.


ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.



MISCELLANEOUS PHENOMENA, 1929

Number of reports and number of days on which reported

Month	Hail, moderate		Hail, heavy		Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Solar Halos		Lunar Halos		Light Haze		Killed by Lightning	Meteor (date)
	Reports	Days with	Reports	Days with	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days	Reports	Days	Reports	Day		
January	...	....	....	....	68	14	55	15	20	8	12	3	‡	.1	Slight	.. ...	......	......	......	....	6	6	3	3	......	.....	......	...
February	....	....	....	....	69	10	23	7	113	18	7	7	.. ..	......	....	1	1	2	1	$500	5	5	......	.. .	......	.....	......	...
March	2	2	2	2	168	23	48	8	....	....	....	....	‡	1	Slight	......	.....	......	......	....	14	11	8	6	......	.....	.....	...
April	8	5	4	4	368	24	6	4	....	....	....	...	......	......	....	23	4	70	218	$830,000	11	8	8	5	......	.....	......	...
May	4	2	1	1	432	26	7	6	....	...	....	....	.. .	......	....	4	1	9	38	$390,000	9	8	......	.....	......	.....	2	...
June	2	2	2	2	300	21	9	8	....	....	....	....	......	......	....	......	.....	......	......	....	11	9	2	2	......	....	......	...
July	....	....	....	....	367	29	5	5	..	....	....	....	......	......	....	.. . .	.....	.....	......	....	5	4	......	......	......	.....	......	...
August	....	....	....	....	220	20	4	3	....	...	....	.	......	.....	....	.....	.....	.....	......	....	3	2	1	1	......	.....	......	...
September	....	....	....	...	159	18	25	13	....	....	....	...	......	......	... .	1	1	0	0	$1,800	1	1	3	3	......	.....	......	...
October	....	...	....	....	150	18	24	13	....	.. .	....	....	......	......	....	.....	.....	......	......	....	......	......	......	......	... ..	.....	.. ....	...
November	..	....	....	...	28	7	30	9	....	....	....	....	. . ..	......	....	.....	.....	......	......	....	1	1	1	1	......	.....	......	8
December	....	.. .	....	...	90	11	108	14	7	2	4	1	......	......	....	1	1	0	0	$25	1	1	5	5	......	.....	......	...
Year	16	11	9	9	2419	221	344	105	140	28	23	11	‡	2	Sli ht	30	8	81	257	$1,222,325	6	56	31	26	......	......	2	....

‡Most of State.

EXCESSIVE PRECIPITATION FOR 1929

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
Mar. 27	4:55 a.m.	2:55 p.m.	2.19	5:38 a.m.	7:00 a.m.	0.02	0.20	0.38	0.50	0.79	0.98	1.07	1.11	1.16	1.21	1.26	1.34	1.55	1.72	.....
Apr. 30	8:03 a.m.	10:30 a.m.	.88	8:27 a.m.	8:52 a.m.	0.01	0.23	0.32	0.44	0.64	0.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 17	8:30 p.m.	ᵇ2:20 a.m.	1.68	11:05 p.m.	11:45 p.m.	0.04	0.22	0.32	0.44	0.57	0.61	0.65	0.72	0.79	.....	.....	.....	.....	.....	.....
June 21	7:02 a.m.	11:30 a.m.	0.66	8:35 a.m.	8:51 a.m.	0.06	0.12	0.32	0.41	0.43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 22	7:22 p.m.	ᵇD.N. a.m.	2.17	7:33 p.m.	8:01 p.m.	0.01	0.27	0.45	0.57	0.70	1.00	1.13	.....	.....	.....	.....	.....	.....	.....	.....
June 22	7:22 p.m.	ᵇD.N. a.m.	2.17	8:52 p.m.	9:19 p.m.	1.19	0.09	0.27	0.42	0.54	0.62	0.66	.....	.....	.....	.....	.....	.....	.....	.....
June 24	1:35 p.m.	3:05 p.m.	0.91	1:50 p.m.	2:15 p.m.	0.04	0.06	0.22	0.42	0.54	0.62	0.66	.....	.....	.....	.....	.....	.....	.....	.....
July 1	11:55 p.m.	ᵇ2:20 p.m.	2.28	6:12 a.m.	7:00 a.m.	0.77	0.08	0.11	0.16	0.22	0.31	0.43	0.55	0.65	0.73	0.80	.....	.....	.....	.....
Sept. 7	6:50 p.m.	D.N. p.m.	0.98	7:27 p.m.	7:58 p.m.	0.03	0.12	0.20	0.30	0.38	0.47	0.51	0.55	.....	.....	.....	.....	.....	.....	.....
Dec. 15	7:40 a.m.	4:45 p.m.	1.33	8:33 a.m.	8:48 a.m.	0.01	0.17	0.38	0.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dec. 17	2:24 p.m.	5:45 p.m.	1.03	2:49 p.m.	3:24 p.m.	0.02	0.19	0.34	0.35	0.38	0.52	0.71	.....	.....	.....	.....	.....	.....	.....	.....
LITTLE ROCK, ARK.																				
Mar. 3	7:00 p.m.	ᵇD.N. a.m.	1.48	7:45 p.m.	8:04 p.m.	0.03	0.05	0.11	0.36	0.48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mar. 26	D.N. a.m.	6:20 a.m.	1.20	4:23 a.m.	4:57 a.m.	0.10	0.07	0.16	0.31	0.43	0.47	0.65	0.76	.....	.....	.....	.....	.....	.....	.....
Apr. 8	D.N. a.m.	8:30 a.m.	0.93	6:17 a.m.	6:40 a.m.	0.40	0.08	0.11	0.28	0.41	0.47	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 30	8:10 a.m.	1:00 p.m.	1.34	8:31 a.m.	8:59 a.m.	0.02	0.25	0.36	0.37	0.53	0.72	0.79	.....	.....	.....	.....	.....	.....	.....	.....
May 8	D.N. a.m.	D.N. a.m.	0.92	3:32 a.m.	4:02 a.m.	0.06	0.18	0.21	0.26	0.34	0.41	0.50	.....	.....	.....	.....	.....	.....	.....	.....
May 13	D.N. a.m.	D.N. a.m.	0.69	12:14 a.m.	12:31 a.m.	0.01	0.20	0.32	0.43	0.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 29	5:27 p.m.	8:30 p.m.	0.67	5:35 p.m.	5:56 p.m.	0.02	0.12	0.26	0.41	0.49	0.53	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 8	D.N. a.m.	5:15 a.m.	0.53	3:08 a.m.	3:17 a.m.	0.01	0.29	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 21	12:33 p.m.	2:00 p.m.	0.69	12:48 p.m.	1:06 p.m.	0.02	0.07	0.25	0.33	0.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 24	10:05 p.m.	ᵇD.N. a.m.	1.95	10:47 p.m.	11:30 p.m.	0.07	0.13	0.41	1.72	0.93	1.05	1.13	1.30	1.38	1.45	.....	.....	.....	.....	.....
Aug. 12	4:04 p.m.	5:25 p.m.	0.92	4:13 p.m.	4:36 p.m.	0.01	0.20	0.35	0.48	0.71	0.77	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 25	2:30 p.m.	3:30 p.m.	0.78	2:44 p.m.	3:08 p.m.	0.01	0.15	0.35	0.57	0.63	0.72	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 12	6:55 p.m.	8:05 p.m.	0.69	7:24 p.m.	7:44 p.m.	0.08	0.22	0.48	0.50	0.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 30	7:55 p.m.	10:15 p.m.	2.60	8:45 p.m.	10:01 p.m.	0.02	0.13	0.24	0.30	0.32	0.46	0.67	0.84	0.99	1.32	1.66	2.27	2.55	.....	.....
Memphis, Tenn.																				
Jan. 18	11:45 a.m.	4:45 p.m.	1.06	12:39 p.m.	12:59 p.m.	0.09	0.15	0.29	0.36	0.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 14	9:35 a.m.	5:13 p.m.	1.19	2:43 p.m.	2:52 p.m.	0.42	0.17	0.33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 27	D.N. p.m.	ᵇD.N. a.m.	0.87	ᵇ12:19 a.m.	ᵇ12:45 a.m.	0.09	0.19	0.20	0.21	0.39	0.54	0.59	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 30	10:16 a.m.	5:25 p.m.	1.47	12:19 p.m.	12:53 p.m.	0.31	0.15	0.25	0.32	0.42	0.44	0.56	0.68	.....	.....	.....	.....	.....	.....	.....
May 19	D.N. a.m.	D.N. a.m.	0.77	1:29 a.m.	1:54 a.m.	0.03	0.13	0.21	0.32	0.44	0.55	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 7	2:23 p.m.	5:40 p.m.	0.56	2:40 p.m.	2:56 p.m.	0.01	0.16	0.21	0.36	0.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 16	D.N. p.m.	ᵇD.N. a.m.	5.00	11:34 p.m.	ᵇ1:05 a.m.	0.05	0.14	0.22	0.43	0.82	1.42	2.09	2.53	2.99	3.23	3.24	3.25	3.87	4.55	.....
Aug. 7	8:45 a.m.	12:10 p.m.	1.07	10:29 a.m.	10:54 a.m.	0.35	0.10	0.20	0.28	0.47	0.62	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 9	3:02 p.m.	4:15 p.m.	1.03	3:15 p.m.	3:46 p.m.	0.02	0.11	0.30	0.49	0.76	0.85	0.92	0.95	.....	.....	.....	.....	.....	.....	.....
Ang. 12	6:58 a.m.	9:30 a.m.	0.95	7:01 a.m.	7:28 a.m.	0.02	0.08	0.11	0.27	0.33	0.48	0.57	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 12	7:53 p.m.	D.N. p.m.	1.20	8:56 p.m.	9:21 p.m.	0.07	0.12	0.23	0.37	0.42	0.52	.....	.....	.....	.....	.....	.....	.....	.....	.....

ᵇ On following day.

MONTHLY HIGHEST, LOWEST AND MEAN RIVER STAGES FOR 1929

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	14.1	2.5	6.4	13.4	2.1	4.9	9.0	2.3	4.3	4.3	0.6	3.4	14.1	2.0	5.4	4.8	0.2	2.1	2.4	−0.2	0.5	0.0	−0.3	−0.2	1.5	−0.3	0.1	0.5	−0.2	−0.1	3.9	0.0	2.3	10.2	0.0	2.9
Arkansas City	38.6	21.5	27.3	43.7	24.5	36.1	53.4	26.5	45.1	55.5	53.4	54.7	58.8	53.0	55.4	58.7	38.0	51.0	37.0	25.3	32.9	23.2	9.9	15.9	11.8	7.3	9.5	18.1	7.6	11.5	33.6	12.6	23.7	34.1	13.7	23.8
Batesville	31.7	6.9	12.8	22.7	8.5	11.1	18.8	10.0	12.5	28.8	11.8	18.1	30.6	12.6	18.6	19.7	9.4	13.7	16.3	6.0	8.9	6.7	5.0	5.8	6.9	4.8	5.3	8.0	4.6	5.5	20.3	5.8	8.5	16.1	5.6	8.3
Black Rock	24.6	6.0	11.7	21.0	7.4	13.8	19.7	10.5	15.6	22.7	11.0	18.6	22.3	13.5	18.6	15.0	8.4	10.6	8.2	4.7	5.9	8.7	3.5	4.9	4.0	2.7	3.2	4.0	2.0	2.3	7.0	2.9	4.5	13.5	2.5	6.3
Calico Rock	27.2	1.8	6.7	14.3	2.9	5.2	11.4	4.1	6.0	22.1	4.7	10.9	24.2	6.0	11.4	13.1	3.8	7.3	10.5	1.2	3.4	2.0	0.2	0.9	2.1	0.0	0.5	2.8	−0.2	0.7	15.1	0.9	3.1	7.5	0.9	2.9
Camden	31.7	9.3	21.3	29.4	15.0	19.2	29.1	11.7	20.7	19.7	8.3	12.6	26.0	9.4	15.5	16.0	4.8	9.2	6.7	4.0	5.0	4.3	3.8	4.0	5.0	3.8	4.3	4.3	4.0	4.1	11.3	4.3	7.1	20.5	4.6	9.7
Clarendon	25.9	22.0	23.4	29.2	24.2	27.0	28.4	24.5	27.1	30.7	26.5	28.4	31.3	28.4	30.0	30.3	23.9	27.5	23.5	13.3	18.8	13.0	10.0	11.7	10.2	8.8	9.4	10.1	8.4	8.9	18.5	8.6	13.7	21.8	10.0	14.4
Corning	14.1	9.2	11.1	13.9	9.2	10.9	13.4	10.4	12.1	13.7	10.5	12.2	14.5	10.8	12.5	12.5	9.0	10.6	9.9	7.4	8.4	9.1	6.8	7.6	7.4	6.5	6.7	6.9	6.4	6.6	9.0	6.9	7.7	12.5	6.8	9.1
Cotter	16.8	2.7	6.6	10.8	3.5	5.2	10.7	4.4	6.2	19.5	4.5	10.0	21.0	6.5	11.2	13.9	4.5	7.9	11.5	2.1	4.3	2.9	1.4	2.0	3.5	1.2	1.8	7.5	1.0	2.2	13.0	1.9	4.1	6.1	1.8	3.5
Danville	33.3	2.9	11.2	23.0	5.9	10.7	21.1	5.9	11.4	21.1	3.0	8.6	21.8	3.6	10.7	15.4	2.1	5.3	14.4	1.3	4.2	1.1	0.4	0.7	4.8	0.4	1.2	7.4	0.4	1.0	16.8	2.4	4.2	18.7	2.0	6.1
Dardanelle	17.4	5.3	10.1	11.4	4.8	6.8	13.3	5.6	8.5	23.0	8.6	16.2	26.9	9.9	19.2	19.4	8.2	14.4	14.5	5.5	10.7	5.0	3.5	4.2	8.6	4.3	5.2	11.0	4.0	5.4	6.8	4.8	5.7	11.8	4.8	6.2
De Valls Bluff	23.2	17.0	19.6	25.3	19.5	22.5	24.0	21.3	22.5	26.2	21.5	23.8	26.8	23.6	25.0	23.4	20.0	22.3	19.7	10.3	15.5	11.1	7.5	9.3	8.0	6.3	7.0	8.0	5.8	6.4	17.3	6.0	11.3	19.5	7.1	12.0
Fort Smith	15.8	6.3	11.2	11.7	6.4	8.0	16.4	6.7	9.8	25.2	10.7	17.6	29.7	11.4	20.7	21.7	9.3	15.6	16.4	6.0	11.5	6.4	3.3	4.8	9.1	2.4	4.2	12.6	2.0	4.3	6.6	3.7	4.9	11.2	3.3	7.9
Fulton	22.6	9.1	15.9	20.4	12.1	14.4	20.6	10.5	15.7	17.7	9.2	12.8	31.1	8.7	19.6	24.9	9.0	15.9	11.1	6.8	8.9	8.6	5.2	6.3	21.8	4.9	10.1	11.8	5.8	8.1	12.4	7.4	9.6	19.3	6.5	10.5
Georgetown	24.4	10.8	16.6	24.8	15.4	20.1	22.8	19.1	20.7	25.8	18.2	22.5	26.3	22.1	23.8	22.4	15.4	20.3	15.0	5.5	10.2	6.2	3.5	4.6	4.0	2.4	3.1	4.2	2.0	2.5	15.1	2.3	7.3	17.4	3.0	8.4
Gilbert	23.5	3.6	5.9	13.5	4.1	5.2	8.5	5.3	6.2	15.5	5.3	7.1	12.7	5.3	6.5	7.8	4.1	5.8	19.0	3.2	4.7	3.3	2.9	3.1	3.0	2.9	2.9	9.5	2.9	3.0	6.0	3.4	3.9	7.0	3.3	4.0
Helena	36.3	15.2	21.6	40.7	17.0	28.7	50.4	23.2	43.2	51.2	46.1	49.4	52.6	45.9	49.5	52.3	26.8	40.6	29.1	17.7	26.2	16.7	8.0	13.0	10.2	5.7	7.7	16.1	6.2	10.0	32.1	11.9	22.3	31.8	11.6	20.4
Index	19.9	8.9	12.7	17.0	10.6	11.7	16.5	9.8	12.4	15.2	8.9	11.5	27.2	8.9	17.4	20.3	9.8	14.6	12.0	8.1	9.8	9.8	6.8	7.6	21.9	6.5	11.0	13.0	7.6	9.4	12.5	8.0	9.7	17.5	6.8	9.6
LITTLE ROCK	16.0	3.3	9.7	11.7	4.2	6.5	13.0	5.3	8.7	20.0	8.5	15.0	23.3	9.5	18.0	18.1	6.3	13.4	12.3	3.2	9.2	3.0	0.4	1.6	4.5	−0.2	0.9	7.9	−0.8	1.0	3.4	0.5	1.8	11.3	0.0	2.5
Marked Tree	12.2	8.0	9.9	16.2	11.6	14.4	17.0	13.5	15.7	15.9	13.9	14.8	17.5	15.1	16.1	17.2	7.4	11.1	7.8	4.6	5.2	5.0	2.9	3.9	3.4	1.9	2.8	2.6	0.6	2.1	3.0	2.2	2.6	7.4	2.5	3.8
Morrilton	15.7	3.0	8.8	9.4	3.2	5.4	11.5	4.0	7.4	22.2	7.5	15.5	26.6	8.5	18.5	18.2	3.0	12.7	13.0	3.5	8.5	3.3	1.5	2.2	4.9	1.0	2.0	7.8	0.4	1.9	3.0	1.2	2.1	9.0	0.6	2.5
Newport	29.0	6.6	13.7	25.6	9.0	16.0	23.9	13.2	18.5	29.3	13.4	23.0	29.5	20.3	24.3	23.4	10.8	17.2	14.3	4.2	7.8	6.2	2.8	4.1	3.9	2.7	2.9	3.9	1.8	2.3	16.8	2.9	5.8	15.6	2.4	6.7
Ozark	13.0	2.7	8.1	7.9	2.2	4.5	11.8	3.8	6.4	19.7	7.0	13.4	24.9	7.3	17.3	13.8	4.7	13.4	14.0	2.6	9.2	2.6	0.6	1.5	5.5	0.0	1.2	9.5	−0.3	1.9	3.4	1.1	2.4	9.0	0.0	2.5
Patterson	9.6	6.1	7.7	9.7	6.4	8.2	10.1	7.7	9.0	9.5	8.0	8.8	10.3	7.2	8.7	7.3	5.8	6.8	5.8	5.2	5.6	7.0	3.8	4.9	4.0	3.0	3.4	3.4	2.8	3.2	3.5	2.6	3.2	8.4	3.3	4.5
Pine Bluff	19.3	8.3	13.8	15.7	9.2	11.5	17.0	10.3	13.3	24.4	13.4	19.3	27.6	15.0	22.7	22.6	11.7	18.1	17.5	9.3	14.0	9.0	6.4	7.4	9.9	4.9	6.5	11.4	4.0	5.9	8.7	5.8	7.2	14.5	4.7	7.2
St. Francis	24.5	8.9	15.0	23.2	8.8	14.4	21.8	12.8	18.7	23.3	12.6	18.1	25.2	11.8	19.2	19.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.3	5.0	4.7	4.2	4.4	7.4	4.6	5.8	18.3	4.3	9.8
Springbank	24.4	12.5	17.7	22.9	15.6	18.1	22.0	14.0	19.0	18.0	12.5	14.4	31.6	12.0	16.2	29.3	13.8	22.4	14.9	10.1	12.8	11.0	8.0	9.0	28.3	7.8	13.8	14.4	9.4	11.4	17.0	10.7	13.8	25.1	9.6	15.0
Whitecliffs	26.2	2.8	16.0	24.8	6.9	13.0	25.2	5.8	14.5	23.7	3.0	9.3	26.4	2.8	21.8	21.1	1.5	9.0	3.2	0.1	1.4	[illegible]	−0.2	−0.1	15.3	−0.2	3.5	4.3	0.5	1.4	12.0	2.6	5.6	22.7	1.7	9.0
Yancopin	30.5	16.7	22.2	30.6	20.4	26.9	35.9	24.0	33.5	41.4	39.0	40.5	44.8	39.0	41.6	44.6	30.0	37.9	29.6	16.3	24.5	15.0	8.6	11.1	14.4	7.4	9.2	17.1	6.0	8.6	19.8	7.2	13.5	20.4	7.8	14.7

Corrections: Year 1929.-Precipitation departures should be: Amity, May −2.48; Arkadelphia, March, −1.20; Black Rock, February, +0.24; Center Point, May, +0.71; Corning, June, −0.54; Danville, July, −0.50; El Dorado, October, −1.45; Georgetown, July, −1.28, December, −0.99; Little Rock, January, −1.04; Patterson, July, −2.51; Pocahontas, December, +1.95; Rogers, December, +0.06; Subiaco, March, +1.49; Warren, March, −2.49; Whitecliffs, September, +0.55. Booneville, September, temperature departure should be −1.0°; Camden, November mean temperature, 47.0, departure, −5.2°; Fort Smith, March mean temperature, 55.0°; November, 45.2°, departure, −5.8°; Malvern, January, −4.2°; Marshall, November, mean minimum, 33.6°; mean 45.8°, departure, −5.9°. Arkansas City, September, clear days should be 15; Bee Branch, December lowest, 8° on 3d; Cotter, June total precipitation, 3.24; Hope, November highest, 87° on 12th; Mountain Home, November, date of lowest 30th; Rogers, December, prevailing wind south.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
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CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., JANUARY, 1930 No. 1

GENERAL SUMMARY

The opening month of 1930 brought to Arkansas the coldest weather experienced in this section since January, 1918, and, with the exception of January 1916, the heaviest total precipitation for any winter month in Arkansas' Climatolcgical History. A severe cold wave overspread the State about the middle of the month and thereafter temperatures were almost unifomly below normal, 28° below zero at Lead Hill on the 22d being within 1° of the lowest temperature on record in Arkansas. Temperatures of zero or lower were recorded at all stations from the 18th to the 22d except at Crossett.

The month opened with temperatures 15° above normal and the daily means were near or somewhat above during the remainder of the first week. Moderately cold weather prevailed from the 8th to the 11th, but temperatures were again normal or above from the 12th to the 14th, cold weather prevailing the remainder of the month. The mean temperature, as determined from the records of 57 stations, was 33.8° which is 7.3° below normal, all stations for which normals have been computed having negative departures. Monthly means ranged from 42.8° at Portland to 25.2° at Bentonville, a difference of 17.6° between southeastern and northwestern sections of the State. The highest temperature recorded during the month was 74° at Dumas, Hope, and Portland on the 1st. The highest occurred in all sections at the opening of the month, the lowest in most localities on the 18th.

The average precipitation for 89 stations was 9.16 inches which is 5.06 inches above normal, all stations except Booneville and Portland reporting monthly totals above normal. Precipitation was heavy to excessive from the 7th to the 14th, numerous stations reporting precipitation every day during this period. Sleet and snow were reported throughout the State, the average snowfall being 5.0 inches. Cotter reported 18 inches of snow during the month, numerous northern stations reporting 8 to 12 inches. Gravette, Benton County, reported snow on the ground from the 8th until the close of the month. The monthly total precipitation ranged from 16.31 inches at Arkadelphia to 3.21 inches at Ozark. The greatest amount for any 24-hour period was 6.15 inches at El Dorado on the 8th. The average number of days with 0.01 inch or more precipitation was 12. This number has been equalled, but not exceeded during January.

The weather for the month as a whole was unfavorable for all outdoor activities and but little work was done. Glaze and sleet did some damage in northwestern portions of the State and peaches and apples were damaged, but it is as yet too early to determine accurately the extent. The snow cover was favorable for wheat, meadows, and pastures, but the low temperatures killed oats in most portions of the State. W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---1st, 3; 6th, 1; 7th, 9; 8th, 7; 9th, 3; 10th, 1; 12th, 2; 13th, 12; 14th, 13; 26th, 1.

SLEET:---7th, 3; 8th, 7; 9th, 12; 10th, 8; 11th, 4; 12th, 1; 17th, 2; 19th, 2; 20th, 23; 21st, 8; 22d, 2; 26th, 1.

DENSE FOG:------2d, 1; 3d, 1; 6th, 1; 7th, 1; 8th, 2; 9th, 1; 11th, 4; 12th, 5; 13th, 3; 24th, 2; 26th, 3; 27th, 22; 28th, 1.

SOLAR HALOS:-----14th, 1; 15th, 1; 22d, 1; 30th, 1.

LUNAR HALOS:-----9th, 1; 14th, 1; 16th, 2; 19th, 1.

GLAZE:---7th, 1; 8th, 3; 9th, 1; 10th, 3; 11th, 7; 20th, 5; 21st, 3; 22d, 3; 23d, 3; 24th, 2; 25th, 2.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.23	30.69	3	29.64	13	4.398	25	s.	6	......	......	44
Fort Smith	30.25	30.69	3	29.65	13	5.153	22	w.	14	83	78	38
Little Rock	30.26	30.72	4	29.62	13	5,882	26	n.	17	78	67	44
Memphis	30.25	30.77	4	29.61	14	5,201	21	n.	17	80	76	44

COMPARATIVE DATA FOR JANUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**41.1**		**86**		**-28**		**4.10**		**12**	**6**	**13**	**7**
1891	41.6	+0.5	71	26	13	13	5.34	+1.24	10	6	15	10
1892	31.7	−6.4	74	29	−14	19	2.48	−1.62	18	5	8	6
1893	38.5	−2.6	80	27	−13	19	1.13	−2.97	17	8	6	2
1894	43.5	+2.4	77	16	−22	24	3.63	−0.47	13	8	10	7
1895	36.9	−4.2	78	6	− 5	12	5.19	+1.09	9	6	16	8
1896	41.4	+0.3	78	31	4	4	4.09	−0.01	10	6	15	8
1897	38.9	−2.2	76	1	− 2	27	6.78	+2.68	13	5	13	8
1898	45.5	+4.4	81	10	10	2	7.93	+3.83	10	8	13	9
1899	39.3	−1.8	75	13	− 9	31	5.91	+1.81	12	6	13	7
1900	43.4	+2.3	78	24	1	29	2.69	−1.41	13	7	11	7
1901	45.6	+4.5	78	14	7	1	2.21	−1.89	16	7	8	5
1902	38.0	−3.1	79	9	2	26	4.13	+0.03	11	6	14	8
1903	40.2	−0.9	80	29	7	12	2.60	−1.50	13	8	10	6
1904	38.9	−2.2	75	20	− 5	26	3.81	−0.29	15	8	8	6
1905	33.3	−7.8	73	1	13	15	4.58	+0.48	12	8	11	6
1906	43.1	+2.0	82	18	− 2	23	5.19	+1.09	14	5	12	6
1907	49.2	+8.1	82	7	− 8	26	5.80	+1.70	8	7	16	11
1908	41.7	+0.6	78	2	6	16	3.75	−0.35	14	7	10	7
1909	43.8	+2.7	82	25	−19	12	1.79	−2.31	4	7	20	6
1910	41.8	+0.7	78	1	− 7	7	2.59	−1.51	16	6	9	6
1911	47.6	+6.5	86	31	− 9	3	1.02	−3.08	8	10	13	6
1912	34.3	−6.8	79	26	−16	7	3.01	−1.09	13	10	8	6
1913	44.0	+2.9	78	5	− 1	8	8.45	+4.35	12	7	12	10
1914	46.6	+5.5	82	19	7	31	1.57	−2.53	13	9	9	4
1915	39.3	−1.8	74	14	− 3	28	4.38	+0.28	10	6	15	8
1916	44.3	+3.2	82	11	− 6	14	9.39	+5.29	8	4	19	12
1917	44.0	+2.9	82	29	− 4	14	3.66	−0.44	11	5	15	7
1918	27.3	−13.8	80	25	−23	13	4.39	+0.29	13	4	14	8
1919	41.4	+0.3	75	13	− 3	4	3.00	−1.10	16	5	10	6
1920	39.6	−1.5	82	[illegible]	11	4	6.49	+2.39	12	4	15	8
1921	46.9	+5.8	85	29	6	14	2.07	−2.03	11	6	14	6
1922	39.1	−2.0	74	4	4	19	2.63	−1.47	8	5	18	7
1923	48.6	+7.5	80	11	15	23	5.78	+1.68	14	5	12	9
1924	36.1	−5.0	79	31	− 6	5	3.19	−0.91	15	3	13	7
1925	40.8	−0.3	76	6	− 4	28	2.68	−1.42	14	4	13	8
1926	40.5	−0.6	77	20	−17	23	4.69	+0.59	13	6	12	7
1927	42.6	+1.5	79	2	− 1	15	5.41	+1.31	14	3	14	10
1928	42.7	+1.6	90	11	−10	3	2.05	−2.05	16	6	9	5
1929	39.4	−1.7	79	18	2	2	5.08	+0.98	12	5	14	10
1930	33.8	−7.3	74	1	−28	22	9.16	+5.06	11	3	17	12

Corrections: December, 1929

Jonesboro, Minimum temperature on 18th should be 28°, maximum on 19th, 50°: mean maximum should be 52.0°, mean minimum 31.0°.

Climatological Data for January, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	34.8	-8.3	63	6	-18	18	43	10.62	+6.11	2.23	3.8	13	11	5	15	ne.	J. W. Campbell
Arkadelphia	Clark	250	34	......	......	......	......	......	......	......	16.31	+12.34	3.57	2.2	14	9	4	18	n.	W. K. Brown
Arkansas City	Desha	145	46	......	......	......	......	......	......	......	5.07	+0.37	2.03	1.8	9	8	2	21	......	J. H. Catham
Arlberg	Stone	700	8	......	......	......	......	......	......	......	8.71	......	3.05	6.8	8	10	3	18	ne.	J. D. Reeves
Batesville	Independence	277	31	28.2	-10.6	63	1	-18	18	42	10.96	+6.77	2.32	6.5	14	14	0	17	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	33.0	-8.3	61	1	-19	18	67	7.16	+3.06	1.50	8.0	13	12	4	15	n.	J. E. Scanlan
Bentonville	Benton	1303	25	25.2	-8.9	60	1	-17	18	35	4.91	+2.28	1.51	10.3	13	13	1	17	n.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	......	......	......	......	......	......	......	10.04	+5.74	2.55	6.0	14	13	0	18	n.	Vernon C. Howe
Blytheville	Mississippi	252	5	36.4	......	73	1	-8	18	38	11.67	......	4.08	4.3	14	8	5	18	n.	B. E. Smith
Booneville	Logan	465	16	31.2	-8.8	65	1	-18	18	41	4.67	-0.16	1.04	3.0	13	11	2	18	w.	F. H. Randolph
Brinkley	Monroe	205	43	35.6	-6.2	70	1	-7	18	33	12.10	+7.13	4.20	3.0	12	10	3	18	ne.	R. J. Torry
Calico Rock	Izard	361	26	28.0	-8.2	64	1	-17	18†	54	7.15	+3.57	1.62	7.5	14	8	7	16	nw.	W. J. Copp
Camden	Ouachita	158	45	37.2	-7.7	69	1	-1	18†	40	11.92	+7.32	4.00	1.0	14	11	2	18	n.	A. B. Quarterman
Center Point	Howard	470	31	36.6	-8.8	68	1	-10	18	34	8.63	+4.89	2.63	4.5	13	12	3	16	s.	John C. Floyd
Clarendon	Monroe	200	26	......	......	......	......	......	......	......	10.55	+6.21	3.60	5.5	14	9	3	19	n.	J. W. Bishop
Clinton	Van Buren	516	9	......	......	......	......	......	......	......	7.94	......	2.14	3.8	10	10	3	18	se.	A. L. Stephens
Conway	Faulkner	309	47	33.8	-8.2	65	1	-11	18	32	10.36	+6.11	2.45	4.8	12	15	2	14	n.	E. E. Cordrey
Corning	Clay	293	37	......	......	......	......	......	......	......	11.28	+7.59	2.90	5.0	12	15	4	12	nw.	Winfred D. Polk
Corning (river)	Clay	280	6	......	......	......	......	......	......	......	10.29	......	2.20	3.5	13	11	4	16	......	Henry Stafford
Cotter	Baxter	408	3	......	......	......	......	......	......	......	6.15	......	1.58	18.0	14	13	0	18	n.	J. O. Linck
Crossett	Ashley	175	15	40.3	-4.0	73	1	2	19	45	6.81	+1.67	1.90	3.8	10	11	2	18	ne.	G. A. Gifford
Danville	Yell	327	14	......	......	......	......	......	......	......	6.15	+2.76	1.33	3.0	10	13	0	18	e.	C. G. Hudson
Dardanelle	Yell	330	44	31.3	-5.9	65	1	-10	18	36	5.91	+2.65	1.31	2.0	13	12	6	13	e.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	......	......	......	......	......	......	......	12.36	......	4.62	2.5	12	10	4	17	......	H. G. Pate
Dumas	Desha	162	24	40.4	-2.6	74	1	-4	18	37	11.36	+6.37	4.85	4.0	13	8	6	17	n.	Ben Johnson
Dutton	Madison	1590	27	26.8	-9.1	61	1	-23	18	50	5.82	+1.90	1.81	7.0	12	10	4	17	n	J. M. Ricketts
El Dorado	Union	270	29	40.4	-3.4	68	1	-1	18†	37	12.14	+8.95	6.15	2.2	13	10	3	18	n.	J. J. Babb
England	Lonoke	229	23	36.2	-6.7	67	1	-6	18	28	12.82	+8.75	3.10	4.0	15	11	4	16	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	28.3	-9.3	63	1	-16	18	38	4.99	+1.91	1.49	8.8	14	11	2	18	nw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	27.0	-11.0	62	1	-23	22	45	4.52	+1.53	0.77	12.2	18	11	2	18	s.	University of Arkansa
Fort Smith	Sebastian	457	49	29.0	-10.3	67	1	-9	18	33	3.96	+1.42	1.29	6.5	14	11	2	18	e.	U. S. Weather Burea
Freeman Springs	Pope	2240	6	......	......	......	......	......	......	......	6.61	......	1.47	5.8	11	13	2	16	n.	J. R. Mc Cuiston
Fulton	Hempstead	269	44	......	......	......	......	......	......	......	12.47	+8.38	2.80	3.5	12	14	3	14	......	T. J. Logan
Georgetown	White	200	18	......	......	......	......	......	......	......	13.57	+8.08	2.89	3.5	13	11	2	18	......	W. R. Owens
Gilbert	Searcy	675	7	......	......	......	......	......	......	......	5.95	......	1.50	10.5	13	12	3	16	......	Ben F. Battenfield
Grannis	Polk	900	11	32.8	-7.7	64	1	-14	18	44	7.09	+1.84	2.06	2.0	16	12	3	16	nw	W. E. McVay
Gravette	Benton	1250	33	25.3	-11.4	63	1	-21	18	38	4.25	+1.75	0.89	14.3	14	9	4	18	sw.	A. F. Stevens
Harrison	Boone	1052	29	27.8	-8.6	63	1	-18	18	47	4.20	+1.31	1.30	8.0	..	12	2	17	......	G. L Wright
Helena	Phillips	250	58	37.1	-5.9	71	1	-9	18	31	12.03	+6.66	5.20	3.5	11	9	5	17	n.	James A. Burnett
Higden	Cleburne	445	12	......	......	......	......	......	......	......	8.45	......	1.71	3.5	13	8	5	18	n.	Geo. W. Baker
Hope	Hempstead	377	59	39.8	-5.6	74	4	-8	18	52	8.71	+3.72	2.23	5.5	12	14	0	17	ne.	N. P. O'Neal
Hot Springs	Garland	600	39	37.2	-5.9	62	6	-9	22	42	12.06	+7.39	2.65	2.0	11	12	7	12	......	G. C. Bolton
Index‡‡	Little River	275	5	......	......	......	......	......	......	......	7.19	......	2.05	T.	11	6	1	24	......	H. G. Sanderson
Jessieville	Garland	750	4	......	......	......	......	......	......	......	9.36	......	2.17	3.0	12	11	3	17	......	U. S. Forest Service
Jonesboro	Craighead	345	35	33.3	-7.1	65	1†	-9	18	32	11.79	+6.56	2.34	8.5	14	14	3	14	nw.	Benedictine Sisters
Junction‡‡	Union	182	36	......	......	..	..	..	..	..	......	......	......	......	..	..	..	..	......	J. A. Lowderback
Lead Hill	Boone	650	3	27.2	......	63	1	-28	22	50	4.84	......	0.95	16.8	14	11	3	17	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	51	35.0	-6.4	64	1	-4	18	26	12.47	+7.74	3.42	3.0	14	9	5	17	n.	U. S. Weather Bureau
Lurton	Newton	2100	5	......	......	..	..	..	..	..	6.41	......	1.70	6.5	11	10^h	2^h	11^h	n.	I. C. Sutton
Lutherville‡‡	Johnson	775	32	31.0	-9.0	63	1	-17	18	36	6.58	+3.14	2.10	9.0	11	11	1	19	e.	H. G. Lenhardt
Magnolia	Columbia	315	11	40.8	-4.6	69	1	-6	18	38	10.18	+4.86	3.80	1.8	10	8	8	15	nw.	State Agri. School
Malvern	Hot Springs	277	43	35.8	-6.4	66	1	-11	18	35	15.33	+9.84	3.20	6.0	13	13	1	17	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	......	......	..	..	......	..	......	......	......	......	...	..	..	..	..	......	L. G. Humphrey
Marianna	Lee	235	18	36.4	-3.8	69	1	-3	18	31	9.96	+5.18	4.60	3.5	8	13	11	7	n.	C. N. Houck
Marked Tree	Poinsett	229	25	32.4	-6.7	67	1	-6	18†	35	12.76	+7.27	3.75	3.5	13	10	9	12	se.	Charles Walton
Marshall	Searcy	1070	16	29.1	-9.3	62	1	-24	18	50	6.57	+2.73	1.28	9.8	14	10	2	19	n.	A. J. Parks
Mena	Polk	1185	42	32.8	-8.5	62	1	-10	18	37	5.06	+1.27	1.04	1.5	15	13	1	17	nw.	E. W. St. John
Morrilton	Conway	347	9	32.4	......	62	1	-5	18	35	7.98	......	1.65	4.0	11	11	3	17	ne.	John Cook
Mountain Home	Baxter	800	16	......	......	..	..	..	..	..	......	......	......	....	..	..	..	..	......	B. S. Halbert
Mount Ida	Montgomery	650	31	33.3	-7.4	65	1	-15	18	44	6.94	+2.63	1.96	4.0	13	13	1	17	sw.	G. A. Whittington
Newport	Jackson	231	46	33.6	-5.6	66	1	-10	18	30	14.07	+9.15	2.93	3.5	14	14	1	16	s.	A. C. Wilkerson
Norman	Montgomery	750	3	......	......	......	......	......	......	......	7.92	......	2.95	2.5	.	10	5	16	......	U. S. Forest Service
Oden	Montgomery	800	4	......	......	......	......	......	......	......	5.27	......	4.23	2.5	..	10	3	18	sw.	U. S. Forest Service
Osceola	Mississippi	240	32	35.0	-4.8	69	2	-8	17	36	12.54	+7.59	3.91	6.0	14	9	6	16	n.	June Thomason
Ozark	Franklin	396	34	28.7	-12.3	62	1†	-16	18	46	3.21	+0.72	0.94	5.5	9	14	0	17	se.	Orkney O. Milton
Paragould	Greene	301	4	......	......	......	......	......	......	......	15.21	......	3.78	3.8	12	14	2	15	nw.	W. R. Heagler
Patterson	Woodruff	196	14	......	......	......	......	......	......	......	14.35	+9.65	2.97	3.0	12	12	0	19	n.	W. E. Baker
Piggott	Clay	307	6	......	......	......	......	......	......	......	11.07	......	2.90	5.5	13	12	3	16	ne.	V. C. Wright
Pine Bluff	Jefferson	215	43	38.0	-5.1	70	1	-2	18	33	12.09	+7.15	3.65	3.5	12	8	7	16	n.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	30.4	-7.6	63	1	-20	19	38	9.43	+5.19	2.85	9.0	9	14	1	16	n.	Benedictine Sisters
Portland	Ashley	122	24	42.8	-3.5	74	1	-4	19	37	4.27	-0.78	1.33	3.5	9	10	2	19	n.	W. E. Edmiston
Prescott	Nevada	329	42	38.2	-5.9	73	1	-4	18	43	10.83	+6.49	2.61	2.0	13	11	0	20	n.	C. D. Calhoun
Princeton	Dallas	287	24	......	......	......	......	......	......	......	12.76	+8.47	3.85	3.0	11	5	2	24	......	Mrs. Dora Coleman
Rison	Cleveland	243	29	40.2	-3.4	69	1†	-4	19	36	11.82	+6.48	4.00	4.0	11	12	4	15	n.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	26.6	-10.3	61	1	-22	22	45	4.22	+1.76	1.03	13.5	13	10	2	19	w.	Carl A. Starck
Saratoga	Howard	288	2	35.7	......	69	1	-4	18	36	8.63	......	2.00	1.2	14	4	12	15	n.	Frank K. Hensley
St. Francis	Clay	290	3	......	......	......	......	......	......	......	11.43	......	2.10	5.5	12	13	0	18	......	S. T. Rooney
Searcy	White	236	21	33.5	-6.9	70	2	-17	18	37	13.79	+9.52	2.60	3.5	15	16	0	15	nw.	Arthur D. Smith
Springbank‡‡	Miller	240	28	......	......	......	......	......	......	......	7.02	+3.02	1.42	3.5	13	12	0	19	......	Miss Grace Field
Story	Montgomery	700	6	......	......	......	......	......	......	......	5.77	......	1.96	1.2	8	14	0	17	n.	S. C. Story
Stuttgart	Arkansas	228	43	37.6	-4.6	69	1	-8	18	31	10.77	+5.86	3.27	4.0	12	13	3	15	n.	Adam F. Buerkle
Subiaco	Logan	1050	33	31.4	-10.0	63	1†	-11	18	39	6.46	+3.28	1.45	11.0	14	10	0	21	s.	New Subiaco Abbey
Texarkana	Miller	332	44	38.2	-8.0	69	1	-3	18	36	11.02	+7.78	2.05	2.0	12	12	1	18	n.	H. S. Brashear
Thornburg	Perry	650	6	31.1	......	63	1	-15	18	40	9.71	......	2.00	7.2	12	13	2	16	n.	Edward E. Holmes
Waldron	Scott	675	41	......	......	......	......	......	......	......	5.08	+1.11	1.02	5.0	10	10	2	19	nw.	Dr. Cheves Bevill
Warren	Bradley	206	36	40.9	-4.0	70	1	-1	18	35	12.10	+7.55	5.60	0.2	10	12	5	14	n.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	......	......	......	......	......	......	......	5.36	......	1.74	1.4	8	9	5	17	nw.	J. R. Huddleston
Whitecliffs	Little River	290	26	......	......	......	......	......	......	......	9.04	+5.92	1.85	2.5	15	9	0	22	nw.	Nannie O. Schirmer
Wilson	Mississippi	237	5	35.6	......	69	1	-11	18	37	13.47	......	5.00	4.0	13	15	2	14	n.	D. Anderson
Winslow	Washington	1734	15	27.1	-7.7	59	1	-19	18	43	5.52	+2.99	0.98	7.5	14	11	2	18	n.	O. H. Black
Wynne	Cross	250	22	35.2	-5.0	68	1	-10	18	34	16.20	+11.45	3.95	5.0	14	9	2	20	n.	R. T. Cobbs
Yancopin	Desha	167	6	......	......	......	......	......	......	......	12.43	......	4.93	2.5	12	8	3	20	......	W. E. Barton
State Means and Extremes				33.8	-7.3	74	1†	-28	22	67	9.16	+5.06	6.15	5.0	12	11	3	17	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for January, 1930

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	.	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.63	....	....	....	....	....	1.51	2.00	1.77	.17	....	.40	2.23	.33	....	....	....	.07	....	59	.05	....	....	....	....	....	.87	....	....	....	....	10.62
Arkadelphia	Ouachita	....	.32	....	....	....	....	3.35	3.10	3.57	.88	.08	.35	2.09	.80	....	....	....	.12	....	....	.75	.10	....	....	....	....	.78	.02	....	....	....	16.31
Arkansas City	Mississippi	....	.30	....	....	....	....	.05	2.03	.66	.42	....	....	.06	T	....	....	....	.18	....	....	1.00	T.	....	....	....	....	.37	....	....	....	....	5.07
Arlberg	White	.91	....	....	....	....	....	3.05	.25	1.32	....	....	1.85	....	53	....	....	.10	....	....	.70	....	....	....	....	....	....	....	....	....	....	....	8.71
Batesville	White	....	.92	....	....	....	....	1.76	1.24	1.38	.42	.18	.20	2.32	.63	....	T.	....	.46	....	....	.84	.06	....	....	....	....	.53	.02	....	....	....	10.96
Bee Branch	Arkansas	.30	.22	....	....	....	.19	.83	.64	1.50	....	.10	1.33	.55	.70	....	....	.40	.20	....	....	.20	....	....	....	....	....	....	....	....	....	....	7.16
Bentonville***	Arkansas	.68	....	....	....	....	.38	.19	.73	.11	....	.76	.75	.38	T.	.15	....	.30	....	....	.32	.15	....	....	....	....	T.	.01	....	....	....	....	4.91
Black Rock	White	....	.68	....	....	....	....	2.24	1.00	.98	.30	.08	.22	2.55	.55	....	T.	....	.24	....	....	.69	.02	....	....	....	....	.39	.10	....	....	....	10.04
Blytheville	Mississippi	....	.92	....	....	....	....	.90	4.08	1.42	.78	.06	69	1.35	.28	....	....	....	.24	....	.04	....	.08	....	....	....	....	.59	.24	....	....	....	11.67
Booneville	Arkansas	.43	....	....	....	....	....	1.04	.24	.72	.02	.38	.64	.02	.26	....	....	.25	....	....	.56	.02	....	....	....	....	....	.09	....	....	....	....	4.67
Brinkley	White	....	.90	....	....	....	....	.32	4.20	2.97	.90	....	.13	1.00	.36	....	....	....	.25	....	....	46	.01	....	....	....	....	.60	T.	....	....	....	12.10
Calico Rock	White	T.	.72	....	....	....	....	1.62	.68	.59	.26	.03	.18	1.56	.59	....	T.	....	.22	....	....	.53	.11	....	....	....	....	.04	.02	....	....	....	7.15
Camden	Ouachita	....	1.00	.02	....	....	....	.28	4.00	2.85	.69	.10	.04	1.10	.06	....	....	....	.10	....	....	.50	.08	....	....	....	....	1.10	....	....	....	....	11.92
Center Point	Red	.68	.15	....	....	....	....	.46	.97	1.37	....	.06	2.63	.14	.37	....	....	.26	T.	....	.25	.09	T.	....	....	....	....	1.20	....	T.	....	....	8.63
Clarendon	White	....	.75	....	....	....	....	.10	3.60	2.97	.75	.03	.13	.60	.20	....	....	....	.40	....	....	.36	.04	....	....	....	....	.60	.02	....	....	....	10.55
Clinton	White	....	....	....	....	....	.11	2.14	.35	1.29	....	.14	2.07	54	....	....	....	.22	....	....	....	.16	....	....	....	....	....	....	....	.92	....	....	7.94
Conway	Arkansas	.54	.26	....	....	....	....	1.63	.94	2.12	....	....	2.45	....	.49	....	....	.24	.08	....	.31	.31	....	....	....	....	....	.99	....	....	....	....	10.36
Corning	White	.68	....	....	....	....	....	2.90	.90	1.55	.10	.45	1.70	.90	.40	....	....	.30	....	....	.20		....	....	....	....	1.20	....	....	....	....	....	11.28
Corning (river)	White	T.	1.38	....	....	....	....	2.20	1.05	1.15	.51	.08	.26	1.65	.50	....	....	....	.25	....	....	.60	T.	....	....	....	....	.60	.06	....	....	....	10.29
Cotter	White	....	.80	....	....	....	....	.62	.44	.33	.25	.10	.12	1.58	.28	....	.05	....	.55	....	....	.73	.23	....	....	....	....	.07	T.	....	....	....	6.15
Crossett	Ouachita	....	.47	....	....	....	....	.09	1.90	.54	1.09	....	.02	.05	....	....	....	....	.28	....	....	.65	T.	T.	....	....	....	1.75	....	....	....	....	6.84
Danville	Arkansas	....	.72	....	....	....	....	.94	.42	1.14	....	....	.53	1.33	.25	....	....	....	.11	....	....	.66	.05	....	....	....	....	....	....	....	....	....	6.15
Dardanelle	Arkansas	....	.47	....	....	....	....	1.29	....	.87	.25	....	.41	1.31	.21	....	....	.05	.20	....	....	.33	.10	....	....	....	....	.25	.20	....	....	....	5.94
De Valls Bluff	White	....	1.12	....	....	....	....	.42	4.62	2.75	.64	02	.08	1.17	.41	....	....	....	.18	....	....	.15	....	....	....	....	....	.80	....	....	....	....	12.36
Dumas	Mississippi	....	.87	....	....	....	T.	1.85	4.85	.55	.53	.05	.04	.30	....	....	....	.30	....	....	.10	.52	.02	....	....	....	T.	1.38	....	....	....	....	11.36
Dutton	White	.88	....	....	....	....	.20	1.29	.36	.12	....	.12	1.81	12	36	T.	....	.17	....	....	....	.37	....	....	....	....	.02	....	....	....	....	....	5.82
El Dorado	Ouachita	....	1.04	....	....	....	....	.30	6.15	.30	1.28	05	.12	.20	....	....	....	....	.25	....	....	.80	.08	....	....	....	....	1.55	.02	....	....	....	12.14
England	Arkansas	.02	1.14	....	....	....	T.	2.92	3.10	2.31	....	.09	.98	.38	.38	....	....	.14	02	....	.21	.39	.02	....	....	....	....	.72	....	....	....	....	12.82
Eureka Springs	White	.61	....	....	....	....	.05	.66	.88	.25	03	....	1.40	.20	.16	.08	....	.17	....	....	.27	.18	....	....	....	....	....	.05	....	....	....	....	4.99
Fayetteville	White	.52	.01	....	....	....	.02	.63	.74	.07	.05	.77	.63	11	.26	.09	....	.16	....	....	.18	20	....	....	....	....	.02	.05	.01	....	....	....	4.52
Fort Smith***	Arkansas	.43	....	....	....	....	.19	.42	.11	.15	.02	18	1.20	.24	....	T.	....	.12	T.	....	.38	.08	....	....	....	....	.37	.07	....	....	....	....	3.96
Freeman Sprgs.	Arkansas	....	.93	....	....	....	....	1.47	.42	.63	.20	T.	.66	1.21	.10	....	T.	....	.38	....	....	.58	....	....	....	....	....	.03	....	....	....	....	6.61
Fulton	Red	....	.30	....	....	....	....	2.80	1.50	2.60	.70	T.	.53	1.60	.68	....	....	....	.10	....	....	.90	.20	T.	....	....	....	.56	T.	....	....	....	12.47
Georgetown	White	....	1.20	....	....	....	....	1.45	2.89	2.85	.67	.14	.08	1.85	.44	....	....	....	.16	....	....	.72	.02	....	....	....	....	1.10	....	....	....	....	13.57
Gilbert	White	....	.72	....	....	....	....	.77	.61	.62	.24	.05	.14	1.50	.31	....	.02	....	.22	....	....	.71	.04	....	....	....	....	....	T.	....	....	....	5.95
Grannis	Red	.64	....	....	....	....	.03	.26	.27	1.30	.04	.23	2.06	.06	.29	T	....	.18	.03	....	.68	.28	....	....	....	....	.06	.48	....	T.	....	....	7.09
Gravette	Arkansas	.35	....	....	....	....	....	.38	.89	.43	....	.76	....	.62	.17	.07	....	.11	.15	....	.23	.06	....	....	....	....	.02	.01	....	....	....	....	4.25
Harrison	White	.49	....	....	....	....	.07	.80	.22	.10	....	....	1.30	.12	....	.10	....	.20	....	....	*	*	.80	....	....	....	....	....	....	....	....	....	4.20
Helena	Mississippi	....	.36	....	....	....	....	.18	5.20	3.54	.70	....	....	.71	.13	....	....	....	.35	....	....	.05	.11	....	....	....	....	.70	....	....	....	....	12.03
Higden	White	.20	.32	....	....	....	....	1.09	.67	1.71	....	.24	1.11	.61	1.32	....	....	.16	....	....	.33	.35	....	....	....	....	....	.34	....	....	....	....	8.45
Hope	Red	.24	.06	....	....	....	....	....	2.03	2.23	....	.09	2.15	.14	.09	....	....	.11	....	....	.70	.23	....	....	....	....	....	.63	....	....	....	....	8.70
Hot Springs	Ouachita	....	....	....	....	.51	2.65	1.74	2.12	.51	.19	2.52	.76	....	....	....	....	....	.50	.32	.	....	....	....	....	....	....	.24	....	....	....	....	12.06
Index	Red	....	....	.28	....	....	....	....	.88	2.05	.13	....	.25	1.80	.11	....	....	....	.05	....	....	.92	.27	T.	....	....	....	.45	....	....	....	....	7.19
Jessieville	Ouachita	.96	....	....	....	....	.83	1.10	1.85	.23	....	....	2.17	.51	....	....	....	.41	....	....	.54	.05	....	....	....	....	.69	.02	....	....	....	....	9.36
Jonesboro	White	.75	1.12	....	....	....	....	1.77	2.34	1.97	....	.05	2.00	.60	.32	....	....	.20	.05	....	....		....	....	....	....	.01	.59	.02	....	....	....	11.79
Junction	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lead Hill	White	.57	....	....	....	....	T.	.50	.32	.58	....	.16	.95	.36	.74	.03	....	.05	.05	....	.28	.20	....	....	....	....	....	.05	....	....	....	....	4.84
Little Rock***	Arkansas	.67	....	....	....	....	.10	3.38	1.82	2.00	....	.05	2.32	.32	.02	....	....	.16	....	....	.50	.03	....	....	....	....	.50	.60	....	....	....	....	12.47
Lurton	White	.93	....	....	....	....	....	1.47	.40	....	.05	.25	1.70	.48	....	T.	....	.09	....	....	....	.89	....	....	....	....	.05	.10	....	....	....	....	6.41
Lutherville	Arkansas	.45	....	....	....	....	T.	1.37	.39	.93	T.	.21	2.10	.07	.08	T.	....	.26	....	....	.55	.17	....	....	....	....	T.	....	....	....	....	....	6.58
Magnolia	Red	.86	.44	....	....	....	....	.49	3.80	1.87	....	....	.65	.57	.03	....	....	....	.18	....	....	....	T.	....	....	....	....	1.35	....	....	....	....	10.18
Malvern	Ouachita	....	.38	....	....	....	....	2.53	2.54	3.20	.89	....	.18	2.50	1.05	....	....	....	.24	....	....	.60	.27	....	....	....	....	.92	.03	....	....	....	15.33
Mammoth Spg.	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marianna	Mississippi	....	.46	....	....	....	....	1.95	4.60	.86	.20	....	....	.85	....	....	....	.04	....	....	....	....	....	....	....	....	....	1.00	....	....	....	....	9.96
Marked Tree	Mississippi	....	.97	....	....	....	....	.38	3.75	2.50	1.10	.03	.2	2.05	.25	....	....	....	.18	....	....	.56	....	....	....	....	....	.74	.05	....	....	....	12.76
Marshall	White	.75	.09	....	....	....	T	1.28	.60	.80	....	.06	.92	.31	.72	T.	....	.10	.05	....	.75	.10	....	....	....	....	T.	.04	T.	....	....	....	6.57
Mena	Ouachita	.01	.55	....	....	....	....	.25	.31	.75	.37	.10	.33	1.04	.13	....	....	T.	.05	....	....	.77	05	....	....	....	T.	.30	.02	....	....	....	5.06
Morrillton	Arkansas	.54	....	....	....	....	.65	.82	1.65	.22	....	.32	1.64	.75	....	....	....	....	.12	....	.87	....	....	....	....	....	.40	....	....	....	....	....	7.98
Mountain Home	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mount Ida	Ouachita	.90	.10	....	....	....	.71	....	.53	.42	.35	....	1.96	.13	.42	....	....	.11	....	....	.54	.48	....	....	....	....	....	.29	....	....	....	....	6.94
Newport	White	....	1.98	....	....	....	....	1.20	2.93	1.82	.93	.04	.12	2.68	.56	....	....	....	.26	....	....	.70	.03	....	....	....	....	.74	.08	....	....	....	14.07
Norman	Ouachita	.85	....	....	....	....	*	*	*	2.95	T.	T.	2.19	.40	....	....	....	.17	....	....	.81	.05	....	....	....	....	....	.50	....	....	....	....	7.92
Oden	Ouachita	.41	....	....	....	....	....	....	....	*	*	*	4.23	....	....	....	....	.05	....	....	.58	T.	....	....	....	....	T.	....	....	....	....	....	5.27
Osceola	Mississippi	....	....	.70	....	....	....	.59	3.91	1.55	1.25	.10	.25	1.72	.41	....	....	....	.23	....	....	.15	.20	....	....	....	....	1.50	.18	....	....	....	12.54
Ozark	Arkansas	....	....	....	....	....	....	.35	.30	T.	....	....	.35	.94	.38	....	....	....	.36	....	....	.41	.02	....	....	....	....	.10	....	....	....	....	3.21
Paragould	Mississippi	1.80	....	....	....	....	T.	2.30	3.78	1.73	.12	.26	2.82	.60	....	....	....	.27	....	....	.78	.09	....	....	....	....	.66	....	....	....	....	....	15,21
Patterson	White	....	1.19	....	....	....	....	1.20	3.20	2.97	.68	.15	.26	1.85	.24	....	....	....	1.04	....	....	.31	....	....	....	....	....	1.26	....	....	....	....	14.35
Piggott	Mississippi	.30	1.16	....	....	....	....	2.90	1.30	.78	....	.10	1.53	.85	.79	....	....	.15	T.	....	.05	.60	....	....	....	....	T.	.56	....	....	....	....	11.07
Pine Bluff	Arkansas	....	1.25	....	....	....	....	.11	3.55	3.65	.92	T.	.10	.92	.11	....	....	....	.21	....	....	.30	.16	T.	....	....	....	.81	T.	....	....	....	12.09
Pocahontas	White	.98	....	....	....	....	....	2.85	1.15	1.25	....	.85	....	....	.80	....	....	.40	....	....	.75	....	....	....	....	....	....	.40	....	....	....	....	9.43
Portland	Ouachita	....	.18	....	....	....	....	....	1.33	.12	.42	.03	....	.05	....	....	....	....	.24	....	....	.57	....	....	....	....	....	1.33	....	....	....	....	4.27
Prescott	Ouachita	.31	....	....	....	....	.92	1.41	2.21	.68	.08	.82	2.61	.22	....	....	....	.08	....	....	.84	.08	....	....	....	....	.57	....	....	....	....	....	10.83
Princeton	Ouachita	....	.58	.10	....	....	....	.55	2.40	3.85	.86	....	.15	1.85	1.42	....	....	.30	....	....	....	....	.70	....	....	....	....	....	....	....	....	....	12.76
Rison	Ouachita	....	.94	....	....	....	....	.50	4.00	2.10	.81	....	.98	.62	....	....	....	....	.25	....	....	.40	.10	....	....	....	....	1.12	....	....	....	....	11.82
Rogers	White	.49	....	....	....	....	.02	.09	.25	.30	.50	.50	1.03	.14	....	.05	....	.30	....	....	.35	.20	....	....	....	....	....	....	....	....	....	....	4.22
Saratoga	Red	.29	.05	....	....	....	....	.89	1.40	2.00	....	.04	1.59	.12	.18	....	....	.04	.03	....	.56	.64	....	....	....	....	....	.80	T.	....	....	....	8.63
St. Francis	Mississippi	T.	1.38	....	....	....	....	1.90	1.44	1.08	.72	.10	.78	2.10	.82	....	....	....	....	.25	....	....	.22	....	....	....	....	.64	....	....	....	....	11.43
Searcy	White	.03	1.08	....	....	....	T.	2.60	2.30	2.50	T.	.14	2.27	.46	.57	....	....	.12	.02	....	.49	.23	....	....	....	....	....	.86	.03	....	....	....	13.70
Springbank	Red	....	.15	....	....	....	....	.10	.95	.50	1.35	.13	.46	1.42	.05	....	....	....	.18	....	....	.90	.15	....	....	....	....	.68	....	....	....	....	7.02
Story	Ouachita	.52	....	....	....	....	....	.70	1.96	....	....	....	1.35	.15	....	....	....	.13	....	....	....	.85	....	....	....	....	....	.11	....	....	....	....	5.77
Stuttgart	Arkansas	1.30	....	....	....	....	.10	3.27	2.59	1.02	.03	.24	.95	.04	....	....	....	....	.19	....	.06	....	....	....	....	....	.98	....	....	....	....	....	10.77
Subiaco	Arkansas	.49	.18	....	....	....	T.	1.45	.35	.90	.02	52	1.12	.02	.53	T	....	.39	....	....	.29	.20	T.	....	....	....	T.	.02	....	....	....	....	6.48
Texarkana	Red	....	....	....	....	....	....	2.01	2.05	1.90	.02	.03	.30	1.50	1.01	....	....	....	.15	....	....	.15	....	....	.85	....	....	1.05	T.	....	....	....	11.02
Thornburg	Arkansas	.75	.09	....	....	....	T.	1.27	.84	2.00	T.	.12	1.95	.04	.86	....	....	....	.19	....	....	.89	T.	....	....	....	....	.71	T.	....	....	....	9.71
Waldron	Arkansas	.58	....	....	....	....	....	1.02	.56	54	....	....	.84	.34	....	....	....	.30	....	....	.70	.15	....	....	....	....	T.	.05	....	....	....	....	5.08
Warren	Ouachita	....	.95	....	....	....	....	.50	5.60	1.20	1.05	....	....	.27	....	....	....	....	.23	....	T.	.40	.10	....	....	....	....	1.80	....	....	....	....	12.10
Waters	Ouachita	.47	....	....	....	....	.37	.31	.17	1.64	....	....	1.74	.54	....	....	....	.12	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	5.36
Whitecliffs	Red	T.	.82	.02	T.	....	....	.62	1.20	1.85	.21	T.	.23	1.32	.40	....	T.	T.	.16	....	....	1.12	.14	.02	....	....	.28	.65	....	T.	....	....	9,04
Wilson	Mississippi	....	.70	....	....	....	....	.80	5.00	1.80	1.10	.10	.15	1.70	.50	....	....	....	.17	....	....	.15	.15	....	....	....	....	1.15	....	....	....	....	13.47
Winslow	Arkansas	.98	....	....	....	....	.06	.86	.84	.19	....	.47	.94	06	.28	T.	....	.24	.01	....	.43	.10	....	....	....	....	....	.06	....	....	....	....	5.52
Wynne	Mississipp	....	1.10	....	....	....	....	3.95	3.40	2.00	.50	....	.80	.90	.40	....	.35	.10	....	....	1.20	.20	.50	....	....	....	....	.80	....	....	....	....	16.20
Yancopin	Arkansas	....	.63	....	....	....	....	.07	4.93	1.86	.94	.02	.03	.84	....	....	....	....	1.80	....	T.	.55	.03	T.	....	....	....	1.23	....	....	....	....	12.43

Daily River Stages for January, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.9	4.3	4.9	4.6	4.7	4.7	4.5	4.7	5.8	6.5	5.4	5.6	9.4	12.4	13.3	13.6	12.0	9.8	6.3	6.0	5.6	5.2	4.9	4.9	4.9	4.9	4.9	4.9	6.2	6.8	7.0
Ozark	do	22	1.7	1.6	1.4	1.3	1.3	1.2	1.1	1.1	1.3	1.9	4.5	4.2	4.2	8.9	10.7	11.3	11.3	9.0	6.9	4.8	4.2	4.0	3.8	3.6	3.2	3.0	2.8	2.8	3.8	4.0	4.4
Dardanelle	do	20	5.0	5.0	4.9	4.9	5.5	6.0	6.0	7.5	7.7	8.8	8.8	10.0	11.0	12.7	13.5	13.5	12.9	12.0	9.8	7.8	7.2	6.8	6.5	6.5	6.5	7.2	8.0	8.0	6.0	6.0	7.5
Morrillton	do	20	1.6	1.6	1.7	2.0	2.4	2.5	2.6	3.4	4.5	6.0	6.5	6.1	8.0	11.0	11.9	12.2	12.0	11.2	9.0	6.9	5.4	4.8	4.2	3.3	3.0	3.0	3.5	2.8	3.1	3.7	4.0
Little Rock	do	23	1.5	1.4	1.0	1.0	0.9	0.9	2.8	4.0	6.6	8.9	9.7	9.8	10.4	12.4	14.0	14.5	14.4	13.5	12.5	10.2	8.3	7.5	6.8	6.0	4.0	3.9	3.8	3.9	4.4	4.9	5.3
Pine Bluff	do	25	6.9	6.8	6.7	6.7	7.0	7.2	7.4	8.7	10.6	12.6	13.8	14.2	14.5	15.4	17.3	18.0	18.3	17.9	16.7	15.7	14.2	13.2	12.0	10.9	10.3	9.5	9.2	9.3	9.6	9.9	10.1
Yancopin	do	28	18.4	18.3	18.1	17.9	17.6	17.4	17.4	18.6	20.1	23.5	15.9	27.2	28.7	19.8	21.1	32.2	33.0	33.7	34.3	34.4	34.6	34.6	34.6	34.6	34.8	34.9	35.0	35.0	35.0	35.0	34.9
Danville	Petit Jean	20	3.9	4.6	6.7	6.5	6.1	5.7	7.5	15.5	19.4	20.5	20.7	20.0	20.9	22.3	21.9	20.9	19.0	15.1	12.1	8.6	8.2	7.7	7.5	6.7	6.2	6.2	6.4	8.9	11.8	11.4	10.1

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	3.5	3.6	4.3	4.0	4.5	4.4	3.6	4.9	4.9	5.5	6.6	7.4	14.4	17.7	18.3	17.4	13.8	10.3	8.3	7.6	6.8	5.9	5.8	5.3	5.1	4.5	4.3	4.4	4.5	4.4	4.4
Calico Rock	do	23	2.0	2.2	2.5	2.7	2.8	2.9	2.9	4.3	5.9	6.5	6.2	6.9	16.8	20.6	19.9	17.3	14.8	10.8	8.5	7.4	6.6	5.7	5.6	5.1	4.6	4.1	4.1	3.9	4.2	4.3	4.2
Batesville	do	26	7.2	7.3	7.5	8.0	8.0	8.2	9.0	12.4	14.0	15.3	13.6	13.0	21.5	27.3	28.0	26.3	23.5	19.9	15.6	14.6	13.7	12.5	11.5	11.1	10.5	10.3	9.9	10.0	10.2	10.3	10.1
Newport	do	20	6.8	6.5	6.6	6.9	7.1	7.1	7.4	13.0	16.4	20.1	20.6	20.7	23.7	25.8	28.3	29.5	29.7	29.3	28.1	26.9	25.8	24.6	23.5	22.5	21.6	20.8	20.2	19.8	19.2	18.9	18.4
Georgetown	do	21	11.1	10.8	10.4	10.2	10.4	10.6	10.8	14.3	18.7	20.4	21.5	22.0	22.4	23.3	24.0	24.8	25.5	26.0	26.4	26.5	26.5	26.2	25.8	25.1	24.6	24.0	23.5	23.1	22.7	22.3	22.0
De Valls Bluff	do	34	16.7	16.2	15.8	15.3	15.0	15.0	15.0	18.2	20.8	21.9	22.2	22.7	23.4	24.0	24.5	25.0	25.5	25.9	26.2	26.5	26.7	26.8	26.8	26.5	26.2	25.9	25.6	25.3	24.9	24.5	24.1
Clarendon	do	12	21.0	20.7	20.4	19.9	19.5	19.3	19.2	20.8	23.1	24.5	25.8	26.7	27.4	28.1	28.6	29.0	29.5	29.9	30.2	30.5	30.7	30.9	31.0	31.0	30.9	30.7	30.5	30.3	30.1	29.8	29.5
Gilbert	Buffalo	14	3.8	4.2	4.1	4.1	4.0	4.0	5.0	6.9	7.0	6.5	6.0	5.6	16.0	10.0	8.0	7.3	6.8	6.4	6.0	5.9	5.8	5.4	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.5	4.4
Black Rock	Black	30	7.2	7.0	8.0	8.0	8.0	7.6	9.0	17.0	18.0	19.2	14.5	18.0	20.7	22.9	23.6	23.0	22.6	22.4	22.4	22.3	22.1	21.9	21.5	20.9	20.1	19.3	18.5	17.7	17.2	16.2	15.0
Camden	Ouachita	28	7.9	7.8	7.8	9.0	10.1	11.2	10.6	12.2	22.7	28.9	32.0	35.0	36.8	37.0	36.7	37.2	37.5	36.9	35.5	34.0	32.3	30.7	29.0	27.6	26.0	24.2	22.7	22.0	22.9	24.0	24.0
Fulton	Red	44	8.6	8.5	8.4	8.6	9.0	9.4	9.8	9.8	10.6	12.0	12.8	13.8	14.5	15.8	16.0	17.9	18.6	18.5	18.0	17.1	16.3	14.9	13.7	13.0	12.4	12.2	12.0	11.9	12.1	12.4	12.7
Helena	Mississippi	48	26.9	26.5	26.3	25.8	25.3	25.2	25.5	27.5	30.2	32.4	34.6	36.3	37.6	38.4	39.1	39.7	40.4	41.1	41.3	42.4	42.9	43.3	43.6	43.8	43.9	43.8	43.6	43.5	43.2	42.5	41.7
Arkansas City	do	48	31.0	30.7	30.4	29.9	29.6	29.4	29.3	29.3	30.4	33.0	35.2	37.0	38.6	39.7	40.6	41.5	42.4	43.1	44.0	44.7	45.5	46.1	46.6	47.0	47.3	47.6	47.8	47.9	47.9	47.8	47.7

Daily Temperatures for January, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	61	56	48	57	60	63	60	43	37	37	41	50	55	43	42	43	42	33	37	34	33	31	32	43	51	44	48	44	41	50	57	45.7
	Minimum	46	45	33	22	22	38	51	40	37	22	22	31	41	42	24	13	13	-8	-6	5	29	1	3	5	15	20	34	31	29	18	20	23.8
Bentonville	Maximum	60	51	42	51	54	56	33	31	29	26	34	35	38	36	16	16	15	17	28	26	22	13	28	34	42	40	36	33	38	42	51	34.6
	Minimum	37	33	26	29	35	33	26	21	11	11	25	33	34	13	4	-1	-12	-17	4	22	-8	-15	2	7	7	28	29	22	14	21	20	15.8
Bee Branch	Maximum	61	56	55	49	55	55	58	43	38	29	34	46	48	50	50	50	50	48	35	40	30	28	40	44	50	45	44	45	45	44	46	45.5
	Minimum	50	39	30	20	24	38	38	32	26	20	25	31	39	34	18	8	5	-19	-4	20	10	-3	1	5	10	15	32	33	19	14	21	20.4
Blytheville	Maximum	73	54	52	50	55	64	64	47	42	42	51	57	66	59	52	31	31	30	30	42	34	22	25	41	47	46	42	44	35	44	52	46.0
	Minimum	56	40	34	26	40	46	37	32	32	26	31	42	44	45	27	15	23	-8	3	17	11	2	7	14	21	30	33	34	20	18	29	26.7
Booneville	Maximum	65	57	51	58	61	60	60	34	33	28	34	40	44	45	27	25	23	23	29	32	32	17	31	39	44	46	45	42	43	48	55	41.0
	Minimum	50	37	29	21	35	49	34	27	22	17	28	33	38	27	20	9	4	-18	4	25	10	-6	-4	4	9	29	34	28	23	19	23	21.3
Brinkley	Maximum	70	68	49	53	59	58	62	46	38	34	43	56	58	64	41	32	27	26	32	36	33	26	29	39	47	40	44	46	38	44	51	44.8
	Minimum	58	44	35	21	27	42	45	35	32	27	26	59	49	40	26	15	22	-7	-1	24	25	1	1	9	16	26	37	36	23	16	23	26.3
Calico Rock§§	Maximum	64	55	47	54	58	60	39	34	34	31	34	45	50	41	27	27	25	24	31	28	26	18	35	40	47	42	41	39	36	46	50	39.9
	Minimum	28	40	30	19	19	29	37	31	30	22	23	30	40	40	17	9	9	-17	-17	0	24	-15	-15	-14	-3	0	24	32	17	12	14	16.0
Camden§§	Maximum	69	55	52	54	62	67	67	48	42	34	46	61	66	54	46	35	32	25	36	38	34	22	34	45	52	54	54	47	43	50	59	47.8
	Minimum	45	50	35	22	22	32	54	46	41	28	28	33	33	45	30	20	20	-4	-4	16	30	8	7	10	14	21	37	39	32	19	19	26.7
Center Point	Maximum	68	61	55	53	59	62	63	56	45	33	37	50	51	55	44	38	31	21	31	31	32	32	33	39	46	45	50	47	45	48	56	45.7
	Minimum	59	43	29	32	34	47	55	42	32	22	29	36	40	37	26	12	11	-10	9	26	16	-2	5	14	23	36	41	30	29	22	28	27.5
Conway	Maximum	65	59	53	53	59	59	60	45	41	31	37	48	51	53	36	30	27	16	32	32	33	19	31	38	46	46	41	45	39	47	50	42.6
	Minimum	56	44	36	22	29	47	45	37	31	21	29	36	43	36	24	14	11	-11	1	25	16	2	4	9	14	14	35	33	25	18	23	24.9
Corning	Maximum	64	55	45	47	52	56	57	34	31	29	35	44	52	53	38	27	24	11	25	27	26	22	24	33	37	37	35	35	31	39	43	37.7
	Minimum	54	41	31	21	24	43	33	29	29	24	27	34	44	37	19	11	11	11	5	15	21	5	8	1	9	16	32	31	17	11	23	23.2
Dardanelle	Maximum	65	59	52	53	62	59	58	45	45	32	35	43	46	47	40	29	27	22	29	32	32	28	30	43	44	43	43	47	43	45	50	42.7
	Minimum	59	44	33	24	30	46	46	34	35	22	29	34	41	37	25	13	21	-10	3	26	28	-2	1	7	13	26	35	32	26	20	26	25.9
Dumas	Maximum	74	68	50	51	60	62	68	67	48	42	48	64	64	66	48	35	32	32	39	44	37	30	32	44	50	60	54	53	42	45	53	50.4
	Minimum	56	46	35	25	33	46	58	40	38	29	32	40	54	44	30	20	25	-4	4	24	24	9	11	16	23	23	43	38	29	19	27	30.4
Dutton	Maximum	61	52	45	51	52	53	56	38	38	32	36	46	47	47	27	21	20	24	27	29	30	12	31	35	42	39	41	38	39	42	50	38.7
	Minimum	42	34	23	18	25	43	32	28	16	13	26	31	30	21	12	1	-5	-23	-3	20	0	-15	-19	-8	-2	19	31	26	15	11	13	14.8
El Dorado	Maximum	68	63	48	55	65	66	69	65	55	36	55	63	68	64	42	37	30	20	36	38	36	25	37	44	50	56	55	51	42	48	55	49.7
	Minimum	58	42	36	25	37	49	61	45	36	29	33	45	45	40	32	21	20	-1	-1	31	23	10	12	18	24	31	46	40	30	20	27	31.1
Eureka Springs	Maximum	63	53	48	56	58	56	54	31	31	24	36	41	42	41	22	21	16	22	33	28	24	17	31	37	48	36	39	36	40	44	56	38.2
	Minimum	38	34	23	34	38	48	27	25	14	12	21	34	34	21	11	-1	-6	-16	4	23	3	-13	1	13	15	21	32	21	14	21	22	18.4
Fayetteville	Maximum	62	52	47	52	54	56	53	31	31	27	34	39	42	43	20	16	16	19	29	28	27	14	31	38	50	41	41	37	35	39	53	37.3
	Minimum	39	34	25	27	36	46	30	23	16	13	26	31	35	20	13	-1	-4	-20	-1	24	-3	-23	-12	0	5	25	32	25	15	23	18	16.8
Fort Smith	Maximum	67	54	48	52	60	60	40	35	33	29	34	40	45	37	23	24	24	16	27	30	29	14	26	34	40	39	37	42	40	44	47	37.6
	Minimum	44	40	32	28	36	40	32	28	18	18	29	34	34	23	12	7	-6	-9	8	25	-1	-9	-3	1	13	27	31	31	26	23	26	20.5
Grannis	Maximum	64	60	40	54	58	55	60	61	45	34	35	50	50	52	40	33	30	28	30	33	32	32	34	46	49	43	50	45	48	48	56	45.0
	Minimum	53	30	25	13	23	38	31	36	24	19	25	33	38	31	23	10	7	-14	2	25	12	-6	-2	2	15	25	38	21	27	14	22	20.7
Gravette	Maximum	63	49	47	50	54	56	55	29	29	25	33	36	36	36	19	15	13	17	28	27	27	11	25	30	42	40	38	34	36	41	47	35.1
	Minimum	38	32	29	27	35	46	25	19	14	10	24	32	32	18	9	-3	-5	-24	6	23	2	-23	-10	5	4	28	18	20	15	18	16	15.5
Helena	Maximum	71	64	49	51	57	60	65	62	52	39	46	61	62	66	43	33	28	18	31	38	32	26	30	40	47	46	50	46	36	44	51	46.6
	Minimum	52	38	32	24	30	48	56	37	33	28	32	4	52	3	23	17	17	-9	0	21	24	5	6	17	21	30	38	35	24	15	26	27.6
Hope	Maximum	50	70	69	74	72	6	62	60	44	36	39	6	57	60	67	48	31	41	51	31	35	38	37	54	58	52	53	48	50	42	66	52.3
	Minimum	42	45	34	22	29	4	41	41	34	26	3	38	42	36	27	17	15	-8	5	29	18	1	5	13	22	28	44	32	31	30	33	27.4
Hot Springs	Maximum	5	50	54	48	56	62	59	46	47	42	40	51	51	56	45	37	29	27	37	35	36	33	38	44	48	44	49	47	52	54	52	45.9
	Minimum	37	25	28	18	33	32	33	40	41	30	31	36	39	40	30	20	26	0	10	26	28	-9	10	19	22	33	36	40	41	44	40	28.4
Jonesboro	Maximum	65	56	45	53	56	58	65	42	34	31	40	55	56	62	38	29	25	19	32	32	31	20	29	37	44	40	39	40	35	43	47	41.9
	Minimum	55	42	33	23	27	38	35	32	30	25	29	39	49	38	24	13	12	-9	0	11	14	0	4	15	18	32	32	34	19	22	28	24.7
Lead Hill	Maximum	63	54	45	56	60	60	56	33	34	28	34	37	46	47	29	21	20	26	31	30	26	17	32	37	43	42	40	39	36	48	50	39.4
	Minimum	43	36	23	17	22	42	30	27	19	17	26	32	34	25	14	5	-2	-17	-2	23	5	-28	-22	-13	-5	14	32	27	12	11	12	15.0
Little Rock	Maximum	64	56	46	49	59	61	61	42	37	31	33	54	60	58	35	27	28	20	29	32	32	16	31	40	42	45	43	45	36	48	48	42.4
	Minimum	50	44	36	30	37	49	42	37	26	25	31	37	47	32	25	15	6	-4	11	27	9	2	10	18	26	32	37	35	26	24	32	27.5
Lutherville	Maximum	63	54	50	52	56	57	58	44	38	29	33	47	47	44	30	27	24	19	26	29	31	11	26	34	44	48	41	40	41	46	47	39.9
	Minimum	50	38	30	26	30	46	41	30	26	19	27	32	37	28	22	9	5	-17	2	23	11	-6	-4	8	13	28	34	30	22	20	25	22.1
Magnolia	Maximum	69	60	52	54	62	67	66	66	48	41	52	62	61	65	48	42	36	33	35	34	36	27	36	45	52	53	54	51	49	50	59	50.5
	Minimum	52	45	35	25	34	50	61	46	40	29	30	32	45	43	30	19	30	-5	11	26	26	6	11	18	23	34	50	38	21	27	28	31.0
Malvern	Maximum	66	62	55	56	60	65	63	48	42	36	37	51	53	58	42	37	29	24	37	34	33	26	31	44	50	45	48	48	43	46	60	46.1
	Minimum	58	46	34	21	30	47	47	40	36	25	30	32	45	37	27	15	19	-11	5	28	19	2	5	13	29	29	40	35	28	18	25	27.5
Mammoth Spg	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Marshall	Maximum	62	51	51	53	55	58	57	49	43	26	34	48	47	50	43	23	21	21	29	27	26	12	-31	36	46	39	39	36	35	45	47	40.0
	Minimum	45	39	28	26	35	42	35	29	20	18	25	32	38	30	16	6	0	-24	-2	22	6	-19	13	-5	-4	30	33	31	14	13	19	18.2
Mena	Maximum	62	57	46	54	57	57	60	45	38	27	35	46	48	53	33	28	23	27	31	31	31	17	33	40	49	40	45	41	42	47	56	41.9
	Minimum	51	37	30	24	29	47	43	33	22	18	26	35	39	28	21	11	4	-10	8	25	10	-3	4	13	18	30	38	29	26	22	23	23.6
Mount Ida	Maximum	65	60	53	55	59	63	62	58	41	29	37	48	52	56	32	32	27	29	32	31	31	19	34	45	49	46	48	45	42	50	55	44.7
	Minimum	56	42	29	15	15	47	46	31	25	18	29	36	42	31	22	10	7	-15	0	26	11	-4	-3	4	11	22	37	30	27	12	18	21.9
Newport	Maximum	66	53	40	51	57	59	51	40	36	32	38	50	54	60	41	30	27	20	34	33	30	19	31	39	42	40	40	44	35	42	39	42.1
	Minimum	56	42	35	22	27	43	39	33	31	27	28	36	47	40	22	14	13	-10	5	22	16	0	5	11	16	24	35	33	22	16	26	25.0
Pine Bluff	Maximum	70	61	51	55	65	64	67	50	41	37	43	58	59	65	41	34	29	21	35	35	34	25	38	46	49	51	49	48	41	50	54	47.3
	Minimum	58	41	36	23	32	45	49	39	36	18	31	42	49	39	29	19	18	-2	6	28	21	5	7	17	21	29	40	37	28	17	26	28.8
Pocahontas	Maximum	63	61	48	48	50	56	59	35	34	30	34	45	50	55	42	29	27	18	30	30	30	20	30	39	43	40	39	39	34	40	35	39.8
	Minimum	56	41	32	20	22	40	33	31	23	20	25	33	42	40	19	10	16	-20	-2	20	18	-6	-5	2	8	20	33	28	15	12	22	20.9
Portland	Maximum	74	66	52	50	62	66	66	69	73	42	53	67	68	67	54	41	32	29	33	48	47	32	34	47	52	53	60	58	47	47	58	53.1
	Minimum	55	50	39	25	31	48	60	49	41	30	35	46	59	53	36	23	25	-1	-4	19	31	13	12	18	23	29	45	41	31	19	26	32.5
Prescott	Maximum	73	66	56	54	62	66	67	61	50	35	49	61	60	51	46	37	29	24	36	34	34	36	33	44	45	56	52	52	54	50	53	48.9
	Minimum	34	42	34	22	19	38	59	45	33	26	21	44	41	43	27	15	18	-4	8	29	30	3	6	12	18	30	43	39	31	19	25	27.4
Rison	Maximum	69	69	51	55	62	65	67	61	50	41	45	69	69	66	45	41	32	28	35	40	35	30	32	45	51	52	54	53	49	48	57	50.5
	Minimum	58	46	34	24	34	49	52	40	38	28	31	42	47	42	29	19	24	-4	-1	28	28	6	9	12	22	32	44	37	29	18	26	29.8
Searcy	Maximum	65	70	51	54	63	59	60	43	39	33	38	52	53	59	40	32	28	18	34	33	32	18	30	37	47	40	40	43	37	42	49	43.2
	Minimum	57	40	33	25	27	39	41	34	31	25	28	36	45	36	22	12	11	-17	-3	24	15	0	2	7	14	22	33	35	22	18	26	23.7
Stuttgart	Maximum	69	68	52	51	58	60	64	53	42	36	49	57	57	65	51	35	27	26	33	35	32	30	30	41	42	44	46	46	42	45	51	46.4
	Minimum	58	45	33	24	32	45	48	37	35	25	30	41	49	53	28	17	24	-8	0	24	29	1	8	18	22	30	38	37	26	19	27	28.9
Texarkana	Maximum	69	63	57	63	67	65	67	60	42	34	41	52	53	59	45	39	30	27	39	33	39	23	34	45	53	53	53	46	47	53	61	49.4
	Minimum	51	40	23	33	47	52	52	36	27	23	28	38	38	35	26	12	11	-3	6	27	15	-1	2	10	20	34	43	32	30	19	25	26.9
Thornburg	Maximum	62	55	46	52	56	59	59	43	38	28	36	50	51	54	33	28	23	21	31	38	28	17	30	40	45	43	45	42	38	49	51	41.7
	Minimum	51	40	30	15	25	48	40	33	25	20	25	33	40	27	21	9	8	-15	-7	20	9	-5	-3	0	5	27	30	31	23	10	19	20.4
Warren	Maximum	70	67	60	54	60	66	66	65	45	39	40	64	62	65	55	45	40	28	32	42	36	32	31	44	49	52	54	54	50	47	52	50.8
	Minimum	58	48	37	26	36	50	60	42	38	26	32	45	51	47	32	20	25	-1	9	9	28	7	9	9	24	31	46	39	29	20	28	31.0
Wilson	Maximum	65	66	51	51	54	58	60	48	44	40	44	55	59	64	46	33	27	26	28	36	33	27	26	37	44	47	43	39	34	42	48	44.5
	Minimum	54	44	33	21	34	46	54	32	34	27	30	34	55	44	27	15	21	-11	-1	15	26	3	0	14	18	27	35	33	21	15	26	26.6
Wynne	Maximum	68	58	47	52	57	60	61	51	39	34	44	56	63	64	60	33	27	19	32	36	33	28	30	41	39	44	44	44	36	43	45	44.8
	Minimum	40	35	29	23	27	48	40	34	32	27	30	41	46	51	26	15	15	-10	-1	22	26	3	0	13	21	29	36	34	23	16	25	25.7

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs

Weather Bureau, Little Rock, Ark., 2-26-30--980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., FEBRUARY, 1930 No. 2

GENERAL SUMMARY

The continued cold weather of January was followed by the warmest February on record in Arkansas. Temperatures were near or slightly below normal in most sections of the State for about three days near the middle of the month, otherwise uniformly above normal with positive departures of 15° to 25° from the 18th to the 25th. There were were no cold waves during the month, no snowfall reported, and all stations for which normals have been computed showed positive temperature departures. Maximum temperatures were not unusually high, the extreme of 86° having frequently been exceeded, but the lowest for the month, 16°, is an unusually high minimum. The mean temperature for the month, as determined from the records of 61 stations, was 52.2° which is 9.4° above normal. Monthly means ranged from 46.6° at Batesville to 56.2° at Portland, a difference of 9.6° between northern and southeastern sections of the State. The coldest weather of the month occurred in most localities about the 16th, the warmest about the 22d or 23d. The average precipitation for 91 stations was 3.92 inches which is 0.57 inch above normal. Monthly totals were slightly above normal at most stations, but in scattered localities negative departures occurred. Monthly totals ranged from 6.18 inches at Springbank to 1.60 inches at Mena. Most of the rain fell from the 1st to the 4th, 13th to 15th, and 22d to the 28th, practically none other days. The greatest 24-hour amount was 3.60 inches at Princeton on the 4th. The average number of days with 0.01 inch or more precipitation was 6.

The weather for the month as a whole was favorable for outdoor activities and more than the usual amount of farm work was done. Many showers were not heavy enough to stop plowing more than a day. An increased acreage of oats was sown and by the close of the month gardening and truck planting were started throughout the State. Indications are that the fruit damage in January was not so great as first reported. Peaches were blooming in some sections at the close of the month. No destructive wind storms were reported. The condition of dirt roads improved. Most streams remained at moderately low stages.

W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---12th, 12; 13th, 6; 14th, 1; 22d, 11; 23d, 3; 24th, 2; 25th, 17; 26th, 2; 27th, 2; 28th, 1.

DENSE FOG:------2d, 7; 3d, 13; 4th, 1; 5th, 7; 6th, 1; 8th, 1; 22d, 1; 23d, 5; 25th, 1.

SOLAR HALOS:-----6th, 1; 15th, 1.

LUNAR HALOS:-----18th, 2.

SLEET:---13th, 3.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.02	30.40	15	29.65	3	4,933	25	s.	20	......	......	65
Fort Smith	30.04	30.44	10	29.59	3	4,707	32	w.	25	79	59	58
Little Rock	30.08	30.45	10	29.47	4	6,048	31	n.	15	75	57	55
Memphis	30.10	30.47	10	29.44	4	5,138	32	sw.	4	74	66	50

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	42.8		93		-29		3.35		11	6	11	7
1891	46.5	+3.7	80	24	6	26	2.92	− 0.43	10	9	9	8
1892	49.0	+6.2	78	7	18	16	3.47	+ 0.12	11	9	9	7
1893	42.4	−0.4	74	20	2	11	4.05	+ 0.70	9	6	13	8
1894	40.5	−2.3	75	19	0	15	6.32	+ 2.94	8	7	13	8
1895	33.5	−9.3	78	28	−17	7	0.71	− 2.64	10	7	11	4
1896	45.2	+2.4	79	26	11	20	3.30	− 0.05	15	6	8	6
1897	46.6	+3.8	89	18	7	27	2.59	− 0.76	10	7	11	4
1898	45.8	+3.0	82	13	7	3	2.08	− 1.27	15	5	8	5
1899	31.8	−11.0	75	21	−25	12	2.18	− 1.17	12	6	10	6
1900	39.7	−3.1	74	8	− 5	17	5.06	+ 1.71	9	7	12	8
1901	40.8	−2.0	79	18	10	23	2.18	− 1.17	10	7	11	6
1902	35.0	−7.8	72	27	− 2	15	2.60	− 0.75	9	8	11	5
1903	41.0	−2.0	79	3	−12	17	7.63	+ 4.28	10	6	12	10
1904	44.9	+2.1	86	26	10	11	2.47	− 0.88	12	8	9	5
1905	32.3	−10.5	82	28	−29	13	2.55	− 0.80	9	6	13	7
1906	41.8	−1.0	75	23	− 7	5	2.21	− 1.15	15	5	8	6
1907	44.9	+2.1	83	10	4	6	2.77	− 0.58	12	6	10	6
1908	44.2	+1.4	78	29	0	2	5.26	+ 1.91	12	5	12	9
1909	47.3	+4.5	82	20	5	16	5.41	+ 2.06	13	6	9	8
1910	39.0	−3.8	75	8	−13	18	3.66	+ 0.31	11	6	11	7
1911	49.8	+7.0	87	1	7	22	4.31	+ 0.96	9	8	11	9
1912	37.9	−4.9	78	25	− 7	4	2.80	− 0.55	12	8	9	6
1913	41.0	−1.8	82	19	5	4	3.74	+ 0.39	11	6	11	8
1914	40.4	−2.4	79	3	− 2	7	4.23	+ 0.88	11	7	10	7
1915	45.9	+3.1	76	21	11	8	4.47	+ 1.12	11	5	12	8
1916	43.4	+0.6	82	17	6	2	1.78	− 1.57	14	4	11	5
1917	43.4	+0.6	89	26	− 4	1	1.93	− 1.42	15	5	8	4
1918	44.4	+1.6	93	27	4	1	1.17	− 2.18	12	6	10	4
1919	44.1	+1.3	80	20	−10	9	3.34	− 0.01	13	4	11	8
1920	45.0	+2.2	79	4	− 2	16	1.26	− 2.09	11	8	10	5
1921	48.3	+5.5	85	24	− 3	20	3.59	+ 0.24	15	5	8	6
1922	47.8	+5.0	84	11	10	7	4.89	+ 1.54	9	7	12	8
1923	41.9	−0.9	80	1	5	4	4.66	+ 1.31	11	4	13	8
1924	42.9	+0.1	82	14	− 7	6	2.26	− 1.09	12	4	13	7
1925	49.3	+6.5	83	21	12	2	3.37	+ 0.02	12	7	9	6
1926	48.5	+5.7	88	7	10	19	2.02	− 1.33	15	5	8	4
1927	52.1	+9.3	90	16	9	19	2.62	− 0.73	10	7	11	8
1928	45.0	+2.2	79	5	10	17	2.23	− 1.12	12	6	11	7
1929	35.4	−7.4	76	25	−20	10	4.01	+ 0.66	9	4	15	10
1930	52.2	+9.4	86	26	16	16	3.92	+ 0.57	12	6	10	6

Corrections: January, 1930

El Dorado, highest temperature should be 69° on the 7th.
Eureka Springs, total snowfall should be 8.0 inches.
Saratoga, mean minimum should be 28.5; monthly mean 38.8.

Climatological Data for February, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	51.7	+8.7	75	21	23	16	41	5.01	+1.24	3.15	0.0	6	13	8	7	s.	J. W. Campbell
Arkadelphia	Clark	250	34	...	...	...	...	...	...	...	4.58	+0.11	1.15	0.0	9	11	5	12	s.	W. K. Bown
Arkansas City	Desha	145	46	...	...	...	...	...	...	...	3.46	−1.04	1.40	0.0	7	8	3	17	...	J. H. Catham
Arlberg	Stone	700	8	...	...	...	...	...	...	...	3.47	...	1.85	0.0	4	9	12	7	ne.	J. D. Reeves
Batesville	Independence	277	31	4.66^{b}	+6.2	77^{c}	24	18	16	46^{c}	3.68	+0.26	2.32	0.0	9	12	0	16	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	50.6	+8.5	75	24†	20	16	36	4.12	+0.49	2.00	0.0	7	12	6	10	s.	J. E. Scanlan
Bentonville	Benton	1303	25	48.8	+10.3	76	23	23	10	33	3.34	+0.82	1.42	0.0	6	15	6	7	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	...	...	...	...	...	...	...	2.87	−0.26	1.26	0.0	7	14	2	12	s.	Vernon C. Howe
Blytheville	Mississippi	252	5	52.2	...	80	25	24	16	37	4.14	...	1.56	0.0	7	10	6	12	s.	B. E. Smith
Booneville	Logan	465	16	53.4	+6.8	81	23	24	16	42	2.28	+0.21	1.27	0.0	6	12	9	7	s.	F. H. Randolph
Brinkley	Monroe	205	43	52.2	+9.2	78	23	22	16	34	5.34	+1.88	2.67	0.0	8	12	6	10	se.	R J. Torry
Calico Rock	Izard	361	26	47.0	+5.8	80	23	20	16	50	3.24	+0.82	1.65	0.0	7	7	12	9	sw.	W.J. Copp
Camden	Ouachita	158	45	53.4	+6.4	81	23	25	16	45	4.73	+0.73	1.98	0.0	7	11	3	14	sw.	A. B. Quarterman
Center Point	Howard	470	31	54.9	+8.7	79	23	27	16	31	5.12	+1.90	1.83	0.0	10	10	6	12	s.	John C. Floyd
Clarendon	Monroe	200	26	...	...	...	...	...	...	...	5.35	+1.56	2.95	0.0	9	11	2	15	s.	J. W. Bishop
Clinton	Van Buren	516	9	...	...	...	...	...	...	...	4.46	...	2.70	0.0	4	13	8	7	s.	A. L. Stephens
Conway	Faulkner	309	47	53.2	+9.9	79	23	24	16	38	3.82	+0.16	1.57	0.0	7	14	8	6	s.	E. E. Cordrey
Corning	Clay	293	37	50.8^{a}	+13.1	76^{b}	24	19	16	46^{b}	3.19	−0.32	1.70	0.0	5	19	4	5	s.	Winfred D. Polk
Corning (river)	Clay	280	6	...	...	...	...	...	...	...	4.16	...	2.00	0.0	5	16	6	6	...	Henry Stafford
Cotter	Baxter	408	3	...	...	...	...	...	...	...	2.05	...	1.45	0.0	3	13	1	14	s.	Charles Turnipseed
Crossett	Ashley	175	15	54.0	+7.3	81	26†	21	16	41	2.66	−0.32	0.91	0.0	6.	9	4	15	sw.	G. A. Gifford
Danville	Yell	327	14	...	...	...	...	...	...	...	3.52	+1.50	2.40	0.0	4	12	2	14	s.	C. G. Hudson
Dardanelle	Yell	330	44	53.7	+10.1	86	26	27	10	45	5.17	+2.14	3.03	0.0	7	9	14	5	e.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	...	...	...	...	...	...	...	5.56	...	2.86	0.0	6	12	4	12	...	H. G. Pate
Dumas	Desha	162	24	55.1	+5.8	82	23	25	16	40	3.82	−0.23	1.15	0.0	9	12	9	7	s.	Ben Johnson
Dutton	Madison	1590	27	47.1	+9.2	71	18†	16	16	45	2.22	−0.70	1.15	0.0	4	9	14	5	s.	J. M. Ricketts
El Dorado	Union	270	29	55.4	+7.8	80	23	27	16	33	4.93	+1.59	1.87	0.0	8	9	6	13	sw.	J. J. Babb
England	Lonoke	229	23	54.6^{a}	+8.6	80^{a}	23	25^{a}	15	38^{a}	4.58	+0.40	1.86	0.0	11	14^{a}	2^{a}	11^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	51.4	+11.6	78	23	27	10†	31	3.25	+0.61	1.90	0.0	4	16	4	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	50.0	+10.7	77	23	23	10	36	2.92	+0.38	2.16	0.0	2	14	9	5	s.	University of Arkansas
Fort Smith	Sebastian	457	49	52.9	+10.1	80	23	29	16	33	1.91	−0.65	0.73	0.0	5	10	10	8	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	6	...	...	...	...	...	...	...	3.10	...	2.00	0.0	5	14	7	7	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	44	...	...	...	...	...	...	...	5.63	+2.62	2.50	0.0	6	11	3	14	...	T. J. Logan
Georgetown	White	200	18	...	...	...	...	...	...	...	5.18	+1.90	3.10	0.0	7	11	5	12	...	W. R. Owens
Gilbert	Searcy	675	7	...	...	...	...	...	...	...	2.30	...	1.87	0.0	5	15	10	3	...	Ben F. Battenfield
Grannis	Polk	900	11	50.6	+5.0	78	23	19	16	48	3.06	+0.97	2.21	0.0	13	12	8	8	ne.	W. E. McVay
Gravette	Benton	1250	33	49.6	+11.8	76	23	18	16	38	2.91	+1.07	1.72	0.0	3	7	15	6	sw.	A. F. Stevens
Harrison	Boone	1052	29	50.2^{b}	+12.5	84^{b}	23	20^{b}	16	51^{b}	2.17	−0.43	1.10	0.0	4	20^{a}	2^{a}	5^{a}	...	G. L Wright
Helena	Phillips	250	58	53.0	+9.4	78	25	23	16	30	3.42	−1.59	1.16	0.0	7	13	4	11	s.	James A. Burnett
Higden	Cleburne	445	12	...	...	...	...	...	...	...	3.76	...	1.66	0.0	5	12	9	7	s.	Geo. W. Baker
Hope	Hempstead	377	59	54.6	+7.0	81	24	25	16	39	5.52	+1.53	1.80	0.0	10	12	6	10	s.	N. P. O'Neal
Hot Springs	Garland	600	39	52.1	+5.3	75	23†	29	16	30	5.51	−1.89	2.75	0.0	7	12	11	5	...	G. C. Bolton
Index ‡‡	Little River	275	5	...	...	...	...	...	...	...	3.86	...	1.30	0.0	8	7	4	17	...	H. G. Sanderson
Jessieville	Garland	750	4	...	...	...	...	...	...	...	4.47	...	2.69	0.0	6	14	5	9	...	U. S. Forest Service
Jonesboro	Craighead	345	35	51.4	+9.9	77	24	28	11†	35	3.85	−0.03	2.20	0.0	8	12	6	10	sw.	Benedictine Sisters
Junction ‡‡	Union	182	36	56.0	+8.9	79	25	33	16	33	2.69	−0.73	0.84	0.0	4	13	5	10	sw.	J. A. Lowderback
Lead Hill	Boone	650	3	48.5	...	81	24	19	10†	45	2.46	...	1.21	0.0	4	18	3	7	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	51	54.0	+9.1	79	23	30	16	32	4.40	+0.56	2.94	0.0	9	9	9	10	sw.	U. S. Weather Bureau
Lurton	Newton	2100	5	47.8	...	72	23	24	16	30	2.64	...	1.20	0.0	7	12	5	11	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	32	51.6	+10.6	78	24	25	16	33	3.27	+0.20	1.86	0.0	5	11	7	10	se.	H. G. Lenhardt
Magnolia	Columbia	315	11	55.7	+4.4	79	23	26	16	33	4.60	+1.07	1.56	0.0	7	9	11	8	ne.	State Agri. School
Malvern	Hot Springs	277	43	53.6	+6.7	82	23	25	16	39	5.85	+2.35	2.40	0.0	9	16	4	8	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	L. G. Humphrey
Marianna	Lee	235	18	52.9	+9.5	78	25	26	16†	36	4.61	+0.69	1.59	0.0	9	17	9	2	s.	C. N. Houck
Marked Tree	Poinsett	229	25	49.2	+4.8	74	24†	24	16†	36	5.51	+2.05	2.36	0.0	8	10	14	4	n.	Charles Walton
Marshall	Searcy	1070	16	50.4	+6.7	76	15†	23	2	42	3.02	+0.80	2.12	0.0	5	18	0	10	s.	A. J. Parks
Mena	Polk	1185	42	52.6	+9.0	76	23	26	16	30	1.60	−1.61	0.65	0.0	8	14	5	9	nw.	E. W. St. John
Morrilton	Conway	347	9	50.8	...	79	23	27	16	40	4.23	...	2.33	0.0	6	9	5	14	e.	John Cook
Mountain Home	Baxter	800	16	50.0	+9.3	80	24	20	16	45	2.45	+0.67	1.50	0.0	5	15	2	11	sw.	B. S. Halbert
Mount Ida	Montgomery	650	31	51.2	+5.4	79	23	17	16	47	4.30	+0.18	1.80	0.0	6	15	5	8	sw.	G. A. Whittington
Newport	Jackson	231	46	52.8	+12.3	78	24	22	16	36	3.62	−0.10	2.33	0.0	8	11	9	8	n.	A. C. Wilkerson
Norman	Montgomery	750	3	...	...	...	...	...	...	...	4.95	...	2.70	0.0	5	12	10	6	...	U. S. Forest Service
Oden	Montgomery	800	4	...	...	...	...	...	...	...	3.96	...	2.71	0.0	8	11	9	8	sw.	U. S. Forest Service
Osceola	Mississippi	240	32	51.0	+8.7	78	12	25	15	40	4.95	+1.23	2.35	0.0	5	9	9	10	s.	June Thomason
Ozark	Franklin	396	34	49.6	+6.7	80	23†	20	1	43	2.20	−0.35	1.30	0.0	4	13	0	15	e.	Orkney O. Milton
Paragould	Greene	301	4	...	...	...	...	...	...	...	4.68	...	2.52	0.0	5	15	6	7	se.	W. R. Heagler
Patterson	Woodruff	196	14	...	...	...	...	...	...	...	3.92	+0.93	2.60	0.0	5	15	2	13	s	W. E. Baker
Piggott	Clay	307	6	...	...	...	...	...	...	...	4.02	...	2.34	0.0	8	12	4	12	sw.	V. C. Wright
Pine Bluff	Jefferson	215	43	55.4	+10.0	84	23	26	16	37	4.94	+0.94	2.70	0.0	8	13	4	11	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	50.4	+10.0	77	24	15	16	36	3.78	+0.51	1.70	0.0	6	14	3	11	s.	Benedictine Sisters
Portland	Ashley	122	24	56.2	+7.7	81	23	25	16	37	2.92	−1.37	1.10	0.0	6	9	11	8	n.	W. E. Edmiston
Prescott	Nevada	329	42	55.9	+9.6	84	23	30	16	36	4.85	+1.33	2.48	0.0	6	12	0	16	n.	C. D. Calhoun
Princeton	Dallas	287	24	...	...	...	...	...	...	...	5.19	+1.35	3.60	0.0	5	23	4	1	...	Mrs. Dora Coleman
Rison	Cleveland	243	29	55.4	+11.0	81	23	25	16	34	4.53	+1.39	2.40	0.0	6	16	4	8	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	49.5	+11.2	78	23	20	10	40	2.95	+1.07	1.40	0.0	4	13	7	8	sw.	Carl A. Starck
Saratoga	Howard	288	2	54.6	...	79	23	24	16	40	4.36	...	1.40	0.0	9	10	5	13	s.	Frank K. Hensley
St. Francis	Clay	290	3	...	...	...	...	...	...	...	3.92	...	2.24	0.0	6	14	2	12	...	S. T. Rooney
Searcy	White	236	21	51.2	+7.5	75	21	24	16	37	4.38	+0.83	2.49	0.0	10	15	3	10	s.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	...	...	...	...	...	...	...	6.18	+2.51	2.58	0.0	8	8	4	16	...	Miss Grace Field
Story	Montgomery	700	6	...	...	...	...	...	...	...	4.07	...	2.10	0.0	7	13	7	8	s.	S. C. Story
Stuttgart	Arkansas	228	43	53.8	+9.6	80	22	24	16	34	4.71	+1.10	2.77	0.0	8	14	6	8	sw.	Adam F. Buerkle
Subiaco	Logan	1050	33	52.8	+10.4	82	23	24	16	37	2.34	−0.35	1.45	0.0	5	14	2	12	s	New Subiaco Abbey
Texarkana	Miller	332	44	54.5	+6.7	79	23†	24	16	39	4.59	+1.65	1.70	0.0	5	9	5	14	n.	H. S. Brashear
Thornburg	Perry	650	6	49.8	...	77	23	15	16	43	4.87	...	2.00	0.0	7	13	6	9	s.	Edward E. Holmes
Waldron	Scott	675	11	...	...	...	...	...	...	...	1.91	−1.14	1.24	0.0	4	13	3	12	sw.	Dr. Cheves Bevill
Warren	Bradley	206	36	55.7	+11.1	79	23†	26	16	32	4.11	−0.17	1.75	0.0	7	15	3	5	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	...	...	...	...	...	...	...	3.72	...	2.58	0.0	[illegible]	14	2	12	sw.	J. R. Huddleston
Whitecliffs	Little River	290	26	...	...	...	...	...	...	...	3.39	+0.37	1.90	0.0	7	10	3	15	e.	Nannie O. Schirmer
Wilson	Mississippi	237	5	51.4	...	77	25	21	16	32	4.45	...	2.25	0.0	6	14	5	9	s.	D. O. Anderson
Winslow	Washington	1734	15	48.4	+13.8	73	23	22	5	37	2.66	+0.11	1.04	0.0	4	10	12	6	s.	O. H. Black
Wynne	Cross	250	22	52.4	+8.6	76	25	23	16	39	5.00	+1.46	1.75	0.0	6	11	8	9	s.	R. T. Cobbs
Yancopin	Desha	167	6	...	...	...	...	...	...	...	3.28	...	1.63	0.0	9	12	0	16	...	W. E Barton
State Means	and Extremes			52.2	+9.4	86	26	16	16	51	3.92	+0.57	3.60	0.0	6	12	6	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for February, 1930

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		.17		3.15																		1.16	.16			.25		.12				5.01
Arkadelphia	Ouachita		.22		2 52											.02							1.15	.08	.10	.01		.05	.43				4.58
Arkansas City	Mississippi				1.40						T.				.08	.18							.05	.55			.25		.95				3.46
Arlberg	White			1.85																			.81			.75			.06				3.47
Batesville	White				2.32	T.								.03	04	.06							48	.23	.02		.26		.24				3.68
Bee Branch	Arkansas	.05	.04	.30	2.00																		1.10		T	.45		T.	.18				4.12
Bentonville ***	Arkansas	T.		1.01	.29	T.																.02	.60		.55	.87		T.					3.34
Black Rock	White				1 26	T.								.04	.06	T.							.62	.10			.59		.20				2.87
Blytheville	Mississippi				1.50	.47					.02			1.27										.18			.53		.17				4.14
Booneville	Arkansas	.09		1.27	.10																		.32			.48		.02					2.28
Brinkley	White		.02		2.67									1.15		.01							.18	.20			.70		.41				5.34
Calico Rock	White				1.65	.02								T	.02	T.							.73	.08		T.	.70		.04				3.24
Camden	Ouachita		.12		1.98											.42							.67	.02			.48		1.04				4.73
Center Point	Red	.33	.06	1.83	.69																	.02	1.31		.08	.60		.17	.03				5.12
Clarendon	White		.08	T.	2.95	.02								.85		.04							.28	.22			.48		43				5.85
Clinton	White		2.70																				.84			.76		.16					4.46
Conway	Arkansas	.13		.46	1 57																		1.12			.35		.11	.07				3.82
Corning	White				1.70									.64									.34			.41		.10					3.19
Corning (river)	White				2.00									.78										.50			.78		.10				4.16
Cotter	White				1 45	T.																	.20	T.		T.	.40						2.05
Crossett	Ouachita		T.	.09	.90						T.					.33							.15	.28					.91				2.66
Danville	Arkansas				2.40	.19																	.54				.39						3.52
Dardanelle	Arkansas		.31		3.03	.20																	.67	.40			.41		.15				5.17
De Valls Bluff	White				2.86									1.30		.03								.52			.44		.41				5.56
Dumas	Mississippi		.05	1.05	1.15						.05	T.	T.	.02		.20							.50		T.	T.	.30	T.	.50				3.82
Dutton	White			.09	1.15								.04	T.									.94										2.22
El Dorado	Ouachita		.12		1 87											70							.55	.16		.03	.40		1.10				4.93
England	Arkansas	.08	.02	1.02	1.86									.32	.01								.68			.15	.06	.18	.20				4.58
Eureka Springs	White			.03	97																		.35			1.90							3.25
Fayetteville	White				.76																					2.16							2.92
Fort Smith ***	Arkansas	T.		85	.38																	T.	.66			.51		.01					1.91
Freeman Sprgs.	Arkansas				2.00																		.34	.19			.55		.02				3.10
Fulton	Red		.55	T.	2.50	T.					T.					.26							1.41		T.	T.	.11		.80				5.63
Georgetown	White		.06		3.10									T.		.03							.60	.87			.12		.40				5.18
Gilbert	White				1.87	.03																	.21	T.			.16		.03				2.30
Grannis	Red	.26	.08	2.21	.51	.02				T.			T.	.02			T					.03	1.09	.02	.15	.52		.11	.04				5.06
Gravette	Arkansas			1.72																			.38			.81							2.91
Harrison	White				1.10																		.31			.73			.03				2.17
Helena	Mississippi		.02		1 16						T.			.53		.16								.56			.54		.15				3.12
Higden	White			.34	1.66						T.												1.31			.25			.20				3.76
Hope	Red	.38	.08	1.80	.79											.23						.31	.93			.15		.75	.10				5.52
Hot Springs	Ouachita		.06	2.75	.39																	.09	1.62			.28		.32					5.51
Index	Red		.62	.03	1.30											.29							.88			.06	.14		.54				3.86
Jessieville	Ouachita	.16		2.69	.05																		95		.50			.12					4.47
Jonesboro	White*			.26	2.20								.08										.30	.05		.41	.30		.23				3.83
Junction	Ouachita												T.		.81							.68		T.	T.	.36		.84					2.69
Lead Hill	White			.01	1.21								T.	T.									.24			1.00							2.46
Little Rock ***	Arkansas	.07	.02	2.41	.53					T.			.07	T.	T.							.02	.90	T.	T	.09		.29					4.40
Lurton	White			.60	1.20									.02									.30	.01		.45		.06					2.64
Lutherville	Arkansas	.14		.23	1.86																		.49			.55		T.					3.27
Magnolia	Red		.28	1.56												.56						.10	.76			.34			1.00				4.60
Malvern	Ouachita	1.60	.25		2.40									.03									1.05	.08	.02		.10		.32				5.85
Mammoth Spg.	White																																....
Marianna	Mississippi			.88	1.04									1.59		.10							.18		.05		.65	.07	.05				4.61
Marked Tree	Mississippi		T.		2.36						.05			1.73		.05								.28	.02		.76		.26				5.51
Marshall	White			.15	2.12									T									.32			.40		T.	.03				3.02
Mena	Ouachita		.16	T.	.05	.09																	.65	.11		.01	52		.01				1.60
Morrillton	Arkansas	.08		2.33																			.85	.10		.72			.15				4.23
Mountain Home	White			.20	1.50									T.									.15			.30			.30				2.45
Mount Ida	Ouachita	.11		1.80	.80																		1.04			.50		.05					4.30
Newport	White				2.83						.02			.03		.02							.27	.14			.50		.21				3.52
Norman	Ouachita	.25			2.70																		1.25			.65		.10	T.				4.95
Oden	Ouachita	T.			2 71																		1.00			.25							3.96
Osceola	Mississippi				2.35						T.			1.55										.20			.65		.20				4.95
Ozark	Arkansas				1.30	T.																	.48				.40		.02				2.20
Paragould	Mississippi			2.52									.13	.77									.55			.71							4.68
Patterson	White				2.60																		.30	.40			.24		.38				3.92
Piggott	Mississippi			.10	2.34								.64	.04									.45			.33	.04		.08				4.02
Pine Bluff	Arkansas		.14	T.	2.70	T.					.02			.05		.15							.60			T.	.55		.73				4.94
Pocahontas	White			.08	1 70									.10									.65			.40			.85				3.78
Portland	Ouachita				1.10						.08					.15								.52			.15		.92				2.92
Prescott	Ouachita	.39		2.48											.12							.92			T.	.13	T.	.81					4.85
Princeton	Ouachita				3 60	.10																.72			.32		.45						5.19
Rison	Ouachita		.20		2.40											.12							.60				.20		1.01				4.53
Rogers	White			.02	.92																		.61			1.40							2.95
Saratoga	Red	.48	.15	1.05	.58	T.										.08						.10	1.40			.20		.32					4.36
St. Charles	White																					.40	.20			.40		.03					....
St. Francis	St. Francis		T.	T.	2.24	.10								.68	T.				T.				T.	.39	T.		.41		.10				3.92
Searcy	White		.07		2.49	.01					.02			.04		.10							.48	.56	T.		.32		.29				4.38
Springbank	Red		.34	.06	2.58	T.	T.			T.						.93							.78	.25	T.	T.	.12		1.12				6.18
Story	Ouachita	.10	2.10		.12																	.60	.40			.70		.05					4.07
Stuttgart	Arkansas	.15		2.77									.20		.05							.22	.40	T.		.37		.55					4.71
Subiaco	Arkansas	.01	T.	.18	1.45	T.																	.31			.39		T.	T.				2.34
Texarkana	Red		.51		1.70											.20							.95						1.23				4.59
Thornburg	Arkansas	.08	T.	.75	2.00	T.							T.	T.		T.							.99			.66		.34	.05				4.87
Waldron	Arkansas	.12			1.24																	T.	.28			.27							1.91
Warren	Ouachita		T.	T.	1.75						T.			T.		.50							.50			T.	.45		.91				4.11
Waters	Ouachita				2.58																		.84		.30								3.72
Whitecliffs	Red	T.	.58	T.	1.90								T.		T	.03								.11		.17	.22	T.	.38				3.39
Wilson	Mississippi				2.25						.10			.80										.35			.67	.28					4.45
Winslow	Arkansas			.13	.75								T.	T.								T.	.74			1.04		T.	T.				2.66
Wynne	Mississipp			1.75	.75																		.75			.60	.75	.40					5.00
Yancopin	Arkansas		.03	T.	1.63									.12	.03	.26							.38	.11		T.	.30		.42				3.28

Daily River Stages for February, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.6	7.0	8.3	10.3	15.5	18.8	18.6	17.2	16.2	15.0	14.0	12.8	11.6	10.8	9.9	9.5	8.8	7.8	7.4	6.8	6.6	6.4	6.2	6.8	8.5	12.0	11.8	10.7		–	
Ozark	do	22	4.6	4.7	4.7	4.9	10.0	15.8	16.0	14.6	14.0	13.2	11.8	10.7	9.6	9.0	8.2	6.8	5.7	5.2	4.8	4.1	3.7	3.2	3.4	3.5	3.7	6.6	10.0	8.0			
Dardanelle	do	20	7.8	7.8	7.8	10.0	12.8	16.0	17.8	17.0	16.0	14.9	13 9	12.9	11.9	10.9	10.0	9.0	8.9	8.5	7.9	7.5	6.9	6.6	6.5	6.5	6.0	8.0	10.5	11.2			
Morrillton	do	20	4.3	4.3	4.2	5.7	10.5	13.5	16.4	16.3	15.0	13.9	12.8	11.5	10.8	9.0	7.9	6.9	6.0	5.7	5.1	4.5	4.4	4.0	3.9	3.9	3.9	4.3	6.0	8.9			
Little Rock	do	23	5.5	5.4	5.3	6.5	10.5	13.3	16.4	17.4	16.6	15.6	14.6	13.3	12.7	10.8	9.4	8.0	7.4	6.5	6.0	5.5	4.5	4.0	4.1	4.4	4.1	4.2	5.2	7.7			
Pine Bluff	do	25	10.4	10.7	10.7	11.0	12.9	15.8	18.3	20.2	20.2	19.7	18.7	17.8	17.1	16.2	15.2	13.9	13.0	12.2	11.9	11.2	10.6	10.2	9.9	10.1	10.1	10.2	10.2	11.2			
Yancopin	do	29	34.7	34.4	33.9	33.6	33.1	33.3	33.6	33.9	34.0	34.1	34.0	33.6	33.4	33.0	32.8	32.6	32.8	32.0	31.7	31.5	31.3	31.1	30.8	30.6	30.4	30.1	29.6	29.1			
Danville	Petit Jean	20	9.2	9.2	9.2	18.3	21.3	21.9	21.0	19.4	16 1	12.9	9.5	8.0	7.3	6.6	5.9	5.4	5.0	4.8	4.6	4.3	4.1	4.1	4.4	4.2	4.8	5.2	5.5	4.9			

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	4.4	4.4	4.4	5.3	8.3	10.1	12.8	11.7	9.5	8.4	8.1	7.3	6.2	5.6	5.5	5.5	5.4	5.1	5.0	4.8	4.6	4.1	4.0	4.3	3.9	8.6	9.1	10.1			
Calico Rock	do	23	4.1	4.1	4.2	6.5	12.3	11.4	11.3	10.8	8.8	6.6	6.7	6.1	5.6	5.3	4.9	4.5	4.1	4.0	3.7	3.6	3.5	3.2	3.0	3.3	2.8	4.1	9.4	9.3			
Batesville	do	26	10.0	9.9	10.0	15 5	19.3	19.6	18.7	18.5	16.9	15.0	13.7	12.7	12.0	11.4	11.0	10.5	10.2	9.8	9.6	9.2	9.0	8.9	8.9	9.0	8.9	8.9	15.0	15.9			
Newport	do	20	17.9	17.0	16.5	16.6	20.7	22.7	23.3	23.7	23.8	23.2	22.2	21.2	20.2	19.2	18.3	17.2	16.4	15.5	14.7	13.6	12.6	11.7	11.0	10.7	10.4	10.2	11.1	16.0			
Georgetown	do	21	21.7	21.4	21.2	21.2	21.6	22.0	22.5	22.6	22.7	22.7	22.8	22.7	22.5	22.3	22.0	21.7	21.4	21.0	20.7	20.4	20.0	19.4	18.8	18.2	17.7	17.2	16.8	17.0			
De Valls Bluff	do	34	23.8	23.6	23.2	23.4	23.4	23.3	23.5	23.7	23.9	23.9	23.9	23.9	24.0	23.9	23.7	23.4	23.2	22.9	22.6	22.3	22.1	21.8	21.7	21.4	21.2	21.0	20.8	20 7			
Clarendon	do	12	29.2	28.9	28.7	28.7	28.6	28.6	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.7	28.6	28.5	28.4	28.2	28.0	27.7	27.4	27.2	27.0	26.7	26.4	26.2	25.9	25.6			
Gilbert	Buffalo	14	4.4	4.4	4.4	9.0	7.2	6.4	6.0	5.8	5.7	5.5	5.3	5.0	4.9	4.8	4 8	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.8	4.6	4.6	4.6	4.5	4.5			
Black Rock	Black	30	14.2	13.4	12.5	14.8	18.2	18.5	17.8	17.0	16.7	16.5	16.2	15 9	15.6	15.0	14.4	13.8	13.0	12.3	11.4	10.8	10.0	9.6	9.8	10.3	9.9	11.3	12 0	12.0			
Camden	Ouachita	28	23.3	21.9	20.3	20.0	24.0	28.2	30.9	33.5	34.7	34.2	32.8	31.0	28.8	26.2	23.4	20.9	19.3	16.9	15.0	13.7	12.8	12.0	11.9	16.0	18.0	19.0	19.2	19.0			
Fulton	Red	44	13.0	13 1	13.1	14.3	17.0	18.7	20.3	20.8	21.0	20.3	19.5	18.7	17.4	15.8	14.3	12.8	11.6	10.8	10.4	9.8	9.7	9.5	10.2	11.2	12.1	14.5	15.8	15.9			
Helena	Mississippi	48	40.6	39.0	37.3	35.3	33.4	31.5	30.4	30.2	30.4	30.9	31.5	32.4	33.6	34.7	35.6	36.3	36.6	37.2	37.6	37.8	37.9	37.7	37.4	36.8	36.0	34.8	33.5	32.3			
Arkansas City	do	48	47.4	47.0	46.5	45.9	45.0	43.9	42.9	42.1	41.7	41.5	41.4	41.4	41.5	41.7	42.0	42.3	42.5	42.7	42.8	42.9	43.0	43.0	43.0	42.9	42 5	42.3	41.7	41.1			

Daily Temperatures for February, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	51	53	53	55	60	69	67	65	72	59	60	74	61	56	49	55	65	71	71	70	75	67	78	74	68	66	53	54				63.4
	Minimum	26	38	42	43	39	34	35	36	36	37	33	39	51	35	36	23	24	36	36	41	46	54	53	63	63	42	37	43				40.0
Bentonville	Maximum	52	54	48	44	54	66	60	63	57	52	59	64	54	54	40	57	65	73	70	64	68	64	76	74	64	60	56	53				59.5
	Minimum	33	32	34	30	28	33	37	32	30	23	33	46	38	34	26	26	39	42	49	49	55	52	51	55	45	31	38	41				38.0
Bee Branch	Maximum	48	55	55	55	55	64	65	63	67	55	55	70	69	56	50	52	65	71	72	70	71	72	74	75	75	72	66	61				63.5
	Minimum	28	40	32	44	30	28	37	30	37	21	25	46	42	33	32	20	30	36	37	36	50	55	47	60	58	38	35	42				37.6
Blytheville	Maximum	55	58	52	54	57	65	66	61	70	55	57	67	52	50	48	54	67	75	76	74	77	75	74	78	80	73	60	67				64.2
	Minimum	31	35	33	35	38	35	43	32	38	34	32	42	37	35	34	24	32	38	44	44	50	54	52	62	63	45	39	47				40.3
Booneville	Maximum	54	61	52	51	58	72	68	67	71	55	65	73	66	60	53	63	71	77	73	70	68	74	81	79	75	65	61	62				65.8
	Minimum	34	33	33	45	33	30	35	30	46	25	33	55	45	39	37	21	32	37	42	44	57	58	50	68	60	32	38	44				40.9
Brinkley	Maximum	54	56	55	57	54	67	65	60	70	57	51	70	64	54	40	52	63	72	73	72	75	68	78	76	77	65	57	67				63.2
	Minimum	28	44	47	48	37	33	38	35	44	29	27	48	44	32	36	22	31	38	42	40	51	58	53	62	63	41	35	46				41.2
Calico Rock§§	Maximum	54	66	50	50	59	73	65	58	64	51	55	74	55	47	39	55	56	74	76	75	65	75	80	69	65	66	56	55				61.9
	Minimum	23	25	27	35	33	28	29	28	29	21	21	24	42	28	30	20	25	26	29	30	46	47	51	67	37	32	35	36				32.2
Camden§§	Maximum	56	55	60	57	61	69	68	68	73	58	62	74	61	58	52	56	67	73	72	72	72	73	81	79	75	64	53	68				65.6
	Minimum	26	35	38	44	41	35	35	36	35	44	34	43	60	37	37	25	28	28	38	41	41	57	60	64	66	40	39	44				41.1
Center Point	Maximum	53	53	54	56	55	68	68	67	73	64	55	75	72	60	53	56	67	73	72	69	72	71	79	77	74	68	65	55				65.1
	Minimum	41	44	44	48	33	39	44	43	46	39	40	51	50	37	39	27	36	44	47	47	55	52	59	63	58	39	44	43				44.7
Conway	Maximum	59	61	57	54	55	68	68	60	72	56	58	72	70	55	51	56	68	75	75	71	75	69	79	76	75	64	60	59				61.9
	Minimum	31	45	34	49	35	31	38	35	42	28	30	50	47	35	38	24	33	37	43	39	51	58	54	67	62	43	37	46				41.5
Corning	Maximum	52	57	48	48	50	61	62	57	59	..	..	56	55	46	46	65	67	75	73	71	71	67	63	76	71	61	55	61				60.8
	Minimum	26	37	43	45	32	28	39	28	40	27	31	48	37	29	31	19	34	47	45	45	54	56	59	62	59	40	55	46				40.7
Dardanelle	Maximum	51	56	50	52	57	61	69	66	71	63	61	76	68	58	53	60	70	76	76	72	73	68	81	80	76	86	58	55				65.8
	Minimum	32	41	32	49	35	31	38	32	38	27	31	51	48	36	38	28	32	38	44	41	55	57	54	65	67	41	38	46				41.6
Dumas	Maximum	56	54	57	60	57	69	65	62	70	61	57	70	66	59	58	55	70	73	79	78	79	76	82	73	80	68	57	70				66.5
	Minimum	33	45	45	52	43	38	41	38	46	39	29	52	46	36	38	25	30	40	43	41	52	59	59	64	63	46	41	40				43.7
Dutton	Maximum	47	53	48	49	58	68	61	58	64	56	56	65	62	51	46	53	62	71	69	64	66	62	71	71	60	69	57	50				59.5
	Minimum	24	29	26	37	22	23	28	23	36	19	23	48	38	42	26	16	50	29	34	42	52	52	42	61	52	32	27	39				34.7
El Dorado	Maximum	65	61	65	60	55	66	55	64	72	66	65	64	59	60	55	55	65	65	65	71	74	78	80	76	76	68	65	70				65.5
	Minimum	35	46	43	52	43	38	41	42	47	44	38	54	47	38	38	27	32	43	43	45	56	60	65	67	56	45	45	41				45.4
Eureka Springs	Maximum	54	56	50	45	58	69	63	64	58	58	61	67	59	56	45	57	66	74	72	66	69	63	78	75	72	65	58	56				61.9
	Minimum	38	35	37	32	28	38	41	33	45	27	33	52	38	32	27	28	41	49	53	52	55	54	51	64	49	35	41	42				41.0
Fayetteville	Maximum	51	53	49	46	54	68	63	59	60	57	59	66	57	54	48	56	61	73	70	61	67	67	77	75	70	62	59	57				60.9
	Minimum	34	32	30	34	28	32	37	31	46	23	34	52	39	32	28	25	38	43	50	49	55	52	48	63	53	32	36	42				39.2
Fort Smith	Maximum	50	57	50	48	52	69	65	69	64	54	64	68	64	54	49	61	68	75	73	66	68	72	80	79	72	62	56	55				63.1
	Minimum	35	36	35	36	31	36	44	36	42	31	36	55	47	40	35	29	37	41	49	50	54	57	54	68	49	42	44	45				42.8
Grannis	Maximum	49	51	54	56	62	70	70	66	70	59	59	74	68	60	51	56	66	70	72	68	66	76	78	76	71	67	51	52				61.0
	Minimum	39	37	36	45	30	22	34	26	37	28	28	49	42	33	37	19	24	35	32	30	45	51	50	61	57	35	31	48				37.3
Gravette	Maximum	48	52	49	49	50	65	57	62	58	52	69	67	56	53	52	56	63	71	70	66	67	66	76	74	70	60	57	51				60.2
	Minimum	34	27	34	33	28	30	36	32	44	27	34	53	39	36	26	18	38	44	50	49	55	55	49	63	50	29	37	41				39.0
Helena	Maximum	53	52	54	60	55	65	65	58	69	55	53	66	69	55	49	51	61	71	71	70	73	67	76	74	78	66	55	66				62.8
	Minimum	35	44	46	48	40	37	40	35	45	32	31	52	42	35	32	23	35	41	47	47	52	56	58	62	62	43	40	45				45.1
Hope	Maximum	50	54	57	59	55	70	70	71	75	65	56	76	64	58	52	60	68	75	73	74	74	73	79	81	74	69	63	60				66.2
	Minimum	42	43	38	50	38	33	38	36	50	41	36	52	47	36	33	25	29	37	45	42	53	57	55	65	56	42	43	43				43.1
Hot Springs	Maximum	52	59	53	56	61	67	66	42	68	57	55	70	62	55	52	54	63	70	70	69	69	67	75	75	70	64	51	57				62.5
	Minimum	32	44	42	44	42	37	39	36	46	34	34	49	42	39	37	29	36	41	42	50	47	47	51	52	51	41	40	40				41 7
Jonesboro	Maximum	56	59	53	51	55	55	65	59	54	54	53	66	55	64	55	66	53	66	74	72	75	67	72	77	74	62	56	65				61.9
	Minimum	29	29	46	46	35	38	33	31	32	31	28	49	38	32	31	31	28	49	60	47	51	57	51	57	59	42	39	46				40.9
Lead Hill	Maximum	55	62	56	47	57	70	62	62	58	55	62	70	59	49	45	63	70	75	76	63	73	68	80	81	73	63	59	59				63.5
	Minimum	30	24	25	37	31	25	32	26	33	19	22	45	40	25	29	19	25	31	32	32	42	54	44	53	57	31	31	44				33.5
Little Rock	Maximum	53	56	52	54	60	69	64	58	69	54	57	71	65	51	45	54	65	73	72	69	72	67	79	77	72	61	54	65				62.8
	Minimum	36	46	45	45	38	37	46	43	46	38	38	57	42	37	35	30	37	44	16	48	56	59	58	66	55	45	46	47				45 2
Lutherville	Maximum	45	50	49	51	49	65	66	59	68	57	56	70	61	54	50	58	66	74	73	68	71	66	77	78	72	64	55	52				61 7
	Minimum	34	38	35	43	31	33	43	35	43	29	32	49	43	37	34	25	33	43	41	48	55	56	53	65	60	39	40	42				41.5
Magnolia	Maximum	57	55	60	61	55	69	68	69	72	68	60	75	73	57	55	57	65	72	72	72	71	70	79	78	74	61	61	60				66.0
	Minimum	39	47	40	51	43	36	38	41	48	45	43	55	50	37	41	26	33	41	46	48	55	58	63	66	57	41	40	41				45.4
Malvern	Maximum	58	54	53	57	62	69	70	67	72	62	55	74	70	57	53	57	67	74	74	73	75	63	82	80	76	65	56	61				65.9
	Minimum	30	45	44	50	39	33	35	33	41	33	28	50	49	35	40	23	30	35	37	35	56	58	57	64	60	38	36	35				41.3
Marianna	Maximum	52	54	54	60	54	65	63	57	68	69	52	67	64	53	50	61	61	70	71	70	73	68	75	75	78	68	56	65				63.3
	Minimum	30	44	44	49	40	37	43	36	33	33	29	51	45	35	36	26	26	42	45	45	51	55	57	57	64	47	35	46				42.5
Marshall	Maximum	50	56	59	47	57	70	64	55	61	52	56	68	62	58	54	54	65	75	72	66	70	66	76	76	74	64	59	53				62.1
	Minimum	34	23	32	29	30	28	38	31	48	24	36	47	39	29	29	25	37	36	43	52	53	48	47	67	62	36	35	47				38.6
Mena	Maximum	47	52	49	50	60	68	64	65	70	56	60	71	63	57	51	56	65	71	71	68	69	70	76	74	69	62	52	59				62.4
	Minimum	33	43	40	43	32	38	42	35	48	33	32	52	46	36	37	26	36	44	46	48	57	56	51	64	59	39	38	42				42 8
Mount Ida	Maximum	55	61	54	53	64	72	68	65	70	59	60	74	68	57	53	57	67	76	72	76	71	70	73	77	73	61	51	57				65.0
	Minimum	26	44	30	47	36	27	29	28	40	28	23	52	43	26	35	17	26	29	31	45	56	56	43	65	60	34	28	45				37.5
Newport	Maximum	50	60	58	53	58	68	67	60	69	59	55	69	65	57	51	52	65	73	74	72	75	68	71	78	74	65	60	67				64.1
	Minimum	29	44	44	47	35	32	41	34	44	31	31	48	41	33	34	22	37	37	47	44	52	56	60	59	58	41	36	45				41.5
Pine Bluff	Maximum	54	51	54	59	62	70	69	67	74	63	66	72	64	58	52	58	68	76	76	74	78	74	84	79	70	64	53	70				66.5
	Minimum	33	45	46	50	40	38	40	36	48	38	31	50	49	37	38	26	31	42	47	41	53	60	59	66	58	45	39	46				44.2
Pocahontas	Maximum	56	62	56	61	57	64	65	61	66	57	53	66	65	47	44	50	64	71	73	71	75	70	72	77	71	63	62	69				62.0
	Minimum	25	35	39	45	32	28	40	30	37	21	25	47	36	28	32	18	32	36	41	35	48	63	59	54	60	29	34	45				37.7
Portland	Maximum	60	56	60	60	63	69	65	67	72	64	60	72	72	60	60	55	61	73	75	73	77	75	81	79	80	76	60	70				67.2
	Minimum	33	47	49	54	45	37	39	40	45	42	34	55	49	37	40	25	29	37	38	43	51	60	61	63	64	47	41	41				44 7
Prescott	Maximum	57	61	58	56	59	64	70	72	76	73	61	66	62	67	66	61	67	68	75	77	74	79	84	81	77	67	64	71				68.4
	Minimum	38	39	42	47	38	37	39	37	45	39	35	58	54	38	39	30	34	37	39	41	44	51	60	67	66	42	40	42				43.1
Rison	Maximum	54	54	55	59	62	70	67	65	72	64	59	72	70	58	55	57	68	74	73	71	76	74	81	79	75	65	60	69				66.5
	Minimum	37	44	44	50	41	37	40	39	48	38	33	51	48	36	40	25	34	41	46	45	54	59	59	65	58	43	42	45				44.4
Searcy	Maximum	52	59	52	52	55	68	67	59	70	55	52	69	65	52	49	51	65	72	72	69	73	66	74	75	73	64	59	62				62 5
	Minimum	29	44	43	47	35	31	39	34	38	28	27	47	43	34	35	24	32	36	38	56	48	57	51	60	57	42	37	35				39 9
Stuttgart	Maximum	52	55	53	56	57	67	66	60	70	65	55	71	66	54	52	54	65	77	73	72	70	80	76	74	77	66	57	67				61.5
	Minimum	35	44	46	49	40	39	41	37	46	34	33	48	40	35	37	24	31	44	44	44	58	56	64	53	57	44	38	47				43.1
Texarkana	Maximum	59	55	59	59	57	72	70	70	75	65	59	75	70	59	54	56	67	71	74	72	71	72	79	79	75	67	63	57				66.5
	Minimum	25	41	40	48	35	33	37	42	41	42	40	55	47	36	37	21	32	46	42	45	53	51	59	61	55	49	40	40				42.5
Thornburg	Maximum	53	59	49	51	58	69	64	61	71	53	57	72	60	53	48	54	67	73	71	60	71	68	77	76	71	61	52	53				61.9
	Minimum	25	42	29	44	34	26	30	24	50	20	28	50	44	26	32	16	27	33	42	52	51	57	46	61	57	36	27	42				37.6
Warren	Maximum	57	54	53	52	59	66	65	63	67	64	57	69	68	62	58	56	63	70	72	76	75	72	79	76	79	76	72	66				65.6
	Minimum	34	46	44	45	41	39	47	42	47	43	45	54	49	38	40	26	31	40	41	45	56	60	61	66	66	46	44	46				45.8
Wilson	Maximum	50	54	53	58	53	64	64	60	68	60	54	65	64	52	48	51	61	71	72	71	73	69	69	74	77	66	59	65				62.3
	Minimum	28	42	45	48	37	32	34	28	43	29	29	50	38	33	32	21	36	38	45	44	49	56	51	61	61	44	35	46				40.5
Wynne	Maximum	47	55	56	57	56	67	65	57	56	54	53	66	68	58	60	60	69	72	69	70	68	65	73	74	76	64	56	66				62.8
	Minimum	36	39	44	46	38	35	39	32	33	31	32	50	48	46	27	23	32	33	52	52	53	56	59	54	57	43	36	40				41.9

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

Weather Bureau, Little Rock, Ark. , 3-19-30--989

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., MARCH, 1930 No. 3

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during March, 1930, were the negative temperature and precipitation departures, all stations for which normals have been computed showing negative temperature departures and all except one, negative precipitation departures. Although the means were considerably below normal, extremes did not approach the limits established by previous records. Temperatures were considerably below normal the opening days of the month and during the last week, near or somewhat above over most of the State in the entervening period. Thus far the year 1930 has been characterized by marked temperature fluctuations, January's mean being one of the lowest experienced in this State, February's the highest on record, and again in March the mean temperature was considerably below normal and 1.8° below the mean of the preceding month. The mean temperature for the month, as determined from the records of 62 stations, was 50.4° which is 2.3° below normal. Monthly means ranged from 43.4° at Dutton to 55.2° at Prescott, a difference of 11.8° between northwestern and southern sections of the State. The coldest weather occurred in practically all localities the opening days of the month, but the closing days were almost as cold. The highest occurred about the 15th or 20th. Extremes ranged from 15° at Dutton and Eureka Springs on the 2d to 83° at Harrison on the 20th. The greatest daily range was 53° at Harrison on the 12th.

The average precipitation, as determined from the records of 92 stations, was 2.21 inches which is 2.53 inches below normal, all stations except Wynne showing negative departures. Practically all precipitation fell as rain. A trace of snow occurred over the northern half of the State on the 25th, 6 stations reporting measurable amounts averaging half an inch. Monthly totals ranged from 0.54 inch at Gravette to 7.55 inches at Wynne. Daily amounts were light and scattered throughout the month, but practically none fell after the 25th. The greatest amount measured for any 24 hour period was 2.24 inches at Fayetteville on the 18th. The average number of rainy days was 6.

The opening days of the month were too cold for farm work but much plowing followed until the last week when it was again too cold with the ground frozen in northern sections. Considerable corn was planted during the middle of the month and some was killed by the low temperatures the closing days of the month. A small amount of cotton was planted in southern counties. Strawberries were damaged by the low temperatures. At the close of the month more than the usual amount of farm work had been done. W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---1st, 2; 5th, 2; 6th, 23; 7th, 9; 8th, 1; 10th, 11; 11th, 2; 15th, 1; 17th, 2; 18th, 26; 23d, 6; 24th, 13.

SLEET:---1st, 4; 24th, 1; 25th, 3.

SOLAR HALOS:-----5th, 1; 24th, 1: 25th, 1.

LUNAR HALOS:-----14th, 1.

DENSE FOG:------1st, 1; 6th, 1; 9th, 1; 18th, 1; 21st, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	29.95	30.58	2	29.21	6	5,314	26	nw.	11	......	......	81
Fort Smith	29.97	30.62	2	29.19	6	6,286	28	nw.	6	73	50	64
Little Rock	29.98	30.56	2	29.19	6	6,734	32	nw.	11	68	56	63
Memphis	29.96	30.46	2	29.19	7	6,451	34	nw.	11	68	58	57

COMPARATIVE DATA FOR MARCH

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	52.7		98		1		4.74		13	7	11	8
1891	46.7	−6.0	79	20	10	4	5.10	+0.36	11	9	11	10
1892	47.9	−4.8	84	31	9	18	3.44	−1.30	14	8	9	7
1893	50.1	−2.6	82	22	5	4	3.55	−1.19	16	6	9	8
1894	54.6	+1.9	88	13	8	26	9.84	+5.10	14	7	10	9
1895	51.8	−0.9	91	28	10	4	5.39	+0.65	13	7	11	10
1896	48.7	−4.0	85	31	12	13	5.28	+0.54	10	7	14	8
1897	55.9	+3.2	88	21	13	14	9.76	+5.02	10	7	14	15
1898	54.5	+1.8	88	16	18	3	5.96	+1.22	10	9	12	9
1899	50.6	−2.1	87	22	1	6	2.97	−1.77	12	9	10	7
1900	51.2	−1.5	90	12	7	1	2.50	−2.24	15	7	9	7
1901	51.5	−1.2	86	2	4	6	4.67	−0.07	14	8	9	6
1902	52.6	−0.1	89	26	14	18	5.34	+0.60	12	10	9	7
1903	54.8	+2.1	85	7	11	1	5.56	+0.82	10	9	12	8
1904	55.3	+2.6	90	21	12	4	5.64	+0.90	11	11	9	8
1905	57.1	+4.4	92	27	26	2	5.31	+0.57	10	10	11	9
1906	45.2	−7.5	88	26	10	20	5.69	+0.95	8	6	17	11
1907	61.9	+9.2	96	21	25	2	3.22	−1.52	14	8	9	6
1908	59.5	+6.8	93	16	21	10	3.79	−0.95	11	9	11	8
1909	52.7	0.0	84	2	16	15	3.71	−1.03	13	8	10	8
1910	60.7	+8.0	92	23	22	2	1.39	−3.35	20	7	4	3
1911	56.6	+3.9	94	9	15	16	2.17	−2.57	16	9	6	6
1912	45.8	−6.9	86	19	10	1	7.86	+3.12	7	7	17	12
1913	49.7	−3.0	88	31	8	2	4.74	0.00	14	9	8	7
1914	50.0	−2.7	86	30	4	20	5.13	+0.39	12	8	11	9
1915	42.5	−10.2	73	28	14	1	3.54	−1.20	9	7	15	7
1916	54.5	+1.8	91	21	11	3	1.93	−2.81	16	6	9	5
1917	53.0	+0.3	87	26	9	5	5.32	+0.58	14	5	12	11
1918	57.9	+5.2	96	5	16	14	1.31	−3.43	11	8	12	4
1919	53.2	+0.5	86	22	11	1	5.47	+0.73	17	5	9	6
1920	51.8	−0.9	88	27	2	7	5.31	+0.57	14	5	12	8
1921	60.8	+8.1	92	16	18	29	6.55	+1.81	11	8	12	9
1922	51.7	−1.0	83	28	7	3	8.58	+3.84	12	6	13	11
1923	49.6	−3.1	88	22	2	18	5.04	+0.30	15	5	11	8
1924	46.6	−6.1	84	29	5	10	3.27	−1.47	13	6	12	8
1925	55.9	+3.2	89	25	7	2	1.69	−3.05	18	6	7	4
1926	48.5	−4.2	86	24	11	8	5.57	+0.83	13	6	12	9
1927	53.5	+0.8	87	19	5	3	7.20	+2.46	12	7	12	12
1928	52.7	0.0	92	29	20	2†	2.53	−2.21	11	7	10	6
1929	55.7	+3.0	98	24	19	1†	3.77	−0.97	12	7	12	10
1930	50.4	−2.3	83	20	15	2	2.21	−2.53	16	6	9	6

Corrections: February, 1930

Crossett, lowest temperature should be 19° on the 1st.
Camden, prevailing wind direction should be S.

Climatological Data for March, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest Daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	50.0	−5.0	75	14	23	3	44	1.87	−3.89	0 88	0.0	4	15	12	4	nw.	J. W. Campbell
Arkadelphia	Clark	250	34	....	.. ..	......	......	......	......	......	1.45	−3.65	0.55	0.0	8	14	8	9	n.	W. K. Bown
Arkansas City	Desha	145	46	......	......	......	......	......	......	......	3.38	−2.04	2.00	0.0	7	14	3	14	......	J. H. Catham
Arlberg	Stone	700	8	......	......	......	......	......	......	......	1.00	......	0.50	T	3	12	7	12	se.	J. D. Reeves
Batesville	Independence	277	31	46.4	−5 8	71	14†	20	4†	43	2.50	−1.62	0.76	T.	10	18	0	13	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	48 7	−3.9	72	15†	21	3	41	2.28	−2.90	0.86	T.	5	16	6	9	n.	J. E. Scanlan
Bentonville	Benton	1303	25	46.3	−1 0	72	15	16	2	33	0.82	−3.00	0.71	T.	7	22	6	3	nw.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	......	......	......	......	......	......	......	2.50	−1.72	0.96	T.	8	17	0	14	s.	Vernon C. Howe
Blytheville	Mississippi	252	5	50.1^b	......	72^b	13	25^b	3	38^b	2.74	......	0.93	T.	8	12^b	8^b	9^b	s.	B. E. Smith
Booneville	Logan	465	16	51.6	−4.8	78	20	22	4	45	1.81	−1.61	0.90	T.	5	16	8	7	w.	F. H. Randolph
Brinkley	Monroe	205	43	51.4	−1 0	75	17†	25	3	38	0.90	−5.07	0.36	0.0	4	16	4	11	nw.	R J. Torry
Calico Rock	Izard	361	26	46.4	−1 5	73	15†	19	4	47	1.79	−1.73	0 76	T.	8	11	12	8	nw.	W. J. Copp
Camden	Ouachita	158	45	51.4	−4.6	75	20	24	3†	43	3.12	−2.05	0.95	0.0	7	13	5	13	s.	A. B. Quarterman
Center Point	Howard	470	31	53.8	−3.2	80	20†	22	3	39	1.48	−3.59	0.67	T	6	16	6	9	nw.	John C. Floyd
Clarendon	Monroe	200	26	......	......	......	......	......	......	......	1.80	−3.49	0.60	0.0	10	15	0	16	w.	J. W. Bishop
Clinton	Van Buren	516	9	......	......	......	......	......	......	......	1.49	......	0.58	0.0	5	16	7	8	n.	A. L. Stephens
Conway	Faulkner	309	47	52.1	−1.7	76	20	25	3	40	1.59	−3.10	0.77	0.0	5	19	9	3	w.	E. E Cordrey
Corning	Clay	293	37	47.8	−3.4	71	15	23	2	41	2.32	−2.38	0.98	0.4	4	19	5	7	w.	Winfred D. Polk
Corning (river)	Clay	280	6	......	......	......	......	......	......	......	2.79	......	0.95	T.	6	20	3	8	......	Henry Stafford
Cotter	Baxter	408	3	......	......	......	......	......	......	......	1.14	......	0.70	0.0	4	12	5	14	n.	Charles Turnipseed
Crossett	Ashley	175	15	53.4^c	−3.2	77	20	27^f	3†	37^f	2.09	−3.13	0.96	0 0	6	13	6	12	sw.	G. A. Gifford
Danville	Yell	327	14	......	......	......	......	......	......	......	2.40	−1.90	1.33	0.0	2	16	4	11	w.	C. G. Hudson
Dardanelle	Yell	330	44	52 3	−0.1	77	20†	26	3	41	2.50	−1.96	0.82	0.0	7	12	18	1	w.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	......	......	......	......	......	......	......	1.93	......	0.90	0 0	7	14	4	13	......	H. G. Pate
Dumas	Desha	162	24	54.3	−3.1	76	15†	26	3	36	3.01	−2.84	1.11	0.0	9	12	8	11	s.	Ben Johnson
Dutton	Madison	1590	27	43.4	−4 7	71	15	15	2†	45	1.67	−2.73	0.56	0.2	7	15	12	4	n.	J. M Ricketts
El Dorado	Union	270	29	54.2	−2 2	74	21†	25	3	37	2.16	−2.28	0.75	0.0	7	12	4	15	nw.	J. J. Babb
England	Lonoke	229	23	53.0	−2 2	78	20†	25	4	41	1.38	−3.91	0.83	0 0	8	16	5	10	nw.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	48.3	−2.7	75	15†	15	2	31	1.50	−2.42	1.24	T.	4	11	8	12	nw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	47.6	−2 3	72	15	17	2	37	2.69	−1 39	2.24	0.5	4	16	10	5	w.	University of Arkansas
Fort Smith	Sebastian	457	49	50.8	−1.8	76	20	25	2	38	0.75	−2.26	0.24	T.	6	14	8	9	e.	U. S. Weather Bureau
Freeman Springs	Pope	2240	6	......	......	......	......	......	......	......	1.39	......	0.72	T.	6	18	3	10	nw.	J. R. Mc Cuiston
Fulton	Hempstead	260	41	......	......	......	......	......	......	......	3.21	−1.36	1.26	0.0	7	16	3	12	......	T. J. Logan
Georgetown	White	200	18	......	......	......	......	......	......	......	2.93	−2.80	1.10	0.0	6	13	1	17	....	W. R. Owens
Gilbert	Searcy	675	7	......	......	......	......	......	......	..	1.40	......	0.65	0.0	8	14	8	9	......	Ben F. Battenfield
Grannis	Polk	900	11	49 6	−2.1	75	6†	16	3	45	2.72	−2.45	0.81	T.	10	18	7	6	n.	W. E. McVay
Gravette	Benton	1250	33	46.8	−3.0	73	15	17	2	38	0.54	−3.16	0.35	T.	3	14	13	4	nw.	A. F. Stevens
Harrison	Boone	1052	29	47.4^d	−1.2	83^e	20	16^d	2	53^d	2.03	−1.14	1.19	0.4	7	17^a	6^a	7^a	n.	Mrs. G. L. Wright
Helena	Phillips	250	58	51 5	−2.3	77	21	24	3	41	1 90	−4.28	0.68	T	7	13	8	10	w.	James A. Burnett
Higden	Cleburne	445	12	......	......	......	......	......	......	......	2.31	......	1.12	T.	6	11	9	11	w.	Geo. W. Baker
Hope	Hempstead	377	59	54 0	−4 0	79	15†	24	3	45	2.89	−2.41	1.03	0.0	8	19	4	8	sw.	N. P. O'Neal
Hot Springs	Garland	600	39	50.6	−3 7	71	23	31	29	35	1.54	−3.74	0.80	0.0	2	24	7	0	......	G. C. Bolton
Index ‡‡	Little River	275	5	....	....	......	......	......	......	......	2.66	......	1.43	0.0	8	14	2	15	......	H. G. Sanderson
Jessieville	Garland	750	4	......	......	......	......	......	......	......	1.70	......	0.73	T.	7	17	6	8	......	U. S. Forest Service
Jonesboro	Craighead	345	35	50 6^a	−2.8	74^b	15	24	3	39^b	2.69	−2.22	1.02	T.	5	21	3	7	sw.	Benedictine Sisters
Junction ‡‡	Union	182	36	52.6	−4.6	75	19	24	3	37	1.10	−4.29	0.38	0.0	4	19	8	4	n.	J. A. Lowderback
Lead Hill	Boone	650	3	46 2	......	73	12†	19	2†	49	2.22	......	1.23	0.1	7	17	3	11	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	51	52 1	−0.9	75	20	26	8	36	1 99	−2.63	1.23	T.	7	12	7	12	nw.	U. S. Weather Bureau
Lurton	Newton	2100	5	45.3	......	67	15†	17	2†	29	1.94	......	1.06	0.7	9	14	5	12	s.	I. C Sutton
Lutherville ‡‡	Johnson	775	32	49.2	−3 2	76	20	20	3	44	1.58	−2.19	0.71	T.	5	17	4	10	nw.	H. G. Lenhardt
Magnolia	Columbia	315	11	54.0^b	−2.3	78^b	20	26^b	3	40^b	4.17	−0.71	1.82	0.0	5	14^b	9^b	6^b	sw.	State Agri. School
Malvern	Hot Springs	277	43	51 8	−2.3	77	15	23	4	42	1.42	−3.83	0.66	0.0	7	21	3	7	n.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	....	......	.	..	......	..	......	.. ..	......	. ..	...	..	..	..	..	......	S. F. Whittaker
Marianna	Lee	235	18	51 8	−3.0	73	15†	26	3	37	2.01	−3.67	1.08	0.0	5	23	5	3	s.	C. N. Houck
Marked Tree	Poinsett	229	25	48.8	−2.4	72	15†	24	3	37	3.62	−1.39	0 84	T.	10	11	11	9	n.	Charles Walton
Marshall	Searcy	1070	16	48.8	−4.8	77	18	20	2	43	1.88	−2.37	0.78	T.	6	19	1	11	n.	A. J. Parks
Mena	Polk	1185	42	51 1	−1 5	75	6	23	3	40	2.24	−2.73	1.42	0.0	3	17	8	6	nw.	E. W. St. John
Morrilton	Conway	347	9	50.6	......	76	20	26	3	39	2 04	......	0.76	0.0	6	15	6	10	nw.	John Cook
Mountain Home	Baxter	800	16	47.2	−3 4	76	20	18	2	45	1.68	−2.83	1.10	0.0	4	18	1	12	w.	B. S. Halbert
Mount Ida	Montgomery	650	31	49 2	−4 0	76	6	18	4	46	1.60	−3.81	0.65	0.0	2	17	5	9	nw.	G A. Whittington
Newport	Jackson	231	46	51.0^a	−1.6	75^a	15	25^a	3	37^a	2.95	−1.94	1.10	0.0	8	15^a	4^a	11^a	n.	A. C. Wilkerson
Norman	Montgomery	750	3	......	......	......	......	......	......	......	1 45	......	0.77	T.	2	18	7	6	......	U. S. Forest Service
Oden	Montgomery	800	4	......	......	......	......	......	......	......	1.66	......	1.00	T.	2	15	7	9	nw.	U. S. Forest Service
Osceola	Mississippi	240	32	50.4^c	−4.4	74^c	14	23^c	1	36^c	4.14	−1.28	1.80	0.0	8	15^c	2^c	11^c	n.	June Thomason
Ozark	Franklin	396	34	47.8	−5.6	75	20	22	4	48	1.23	−2 92	0.50	0.0	4	16	1	14	sw.	Orkney O. Milton
Paragould	Greene	301	4	......	......	......	......	......	......	......	4.47	......	2.11	0.0	5	19	7	5	nw.	W. R. Heagler
Patterson	Woodruff	196	14	......	......	......	......	......	......	......	2.96	−3.65	0.80	0 0	5	17	3	11	s.	W. E. Baker
Piggott	Clay	307	6	......	......	......	......	......	......	......	3.40	......	1.34	T	7	17	5	9	sw.	V. C. Wright
Pine Bluff	Jefferson	215	43	54.6	−0.2	80	21	25	3	44	2.48	−3.03	0 75	0.0	10	18	5	8	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	48 2	−3.4	72	16	20	4	39	2.34	−2.31	0.90	0.0	6	16	8	12	n.	Benedictine Sisters
Portland	Ashley	122	24	54 8	−4.0	76	23	26	3	40	2.04	−3 22	0.55	0.0	6	15	6	10	n.	W. E. Edmiston
Prescott	Nevada	329	42	55 2	−0.7	79	14	24	3	39	2.91	−1.70	1.42	0.0	6	16	1	14	n.	C. D. Calhoun
Princeton	Dallas	287	24	......	......	......	......	......	......	......	1.52	−3.60	1.24	0.0	3	30	1	0	......	Mrs. Dora Coleman
Rison	Cleveland	243	29	52.8^c	−2 2	75^c	15	24^c	3	35^c	2.11	−3.20	0.85	0.0	5	13^c	6^c	9^c	n.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	47 6	−1.8	74	15	16	2	43	1.26	−2.33	1.04	T	3	15	7	9	nw.	Carl A. Starck
St. Charles	Arkansas	288	2	51.8	. . .	74	17	24	3	33	1.31	......	0.64	0.0	7	14	11	6	s.	Frank K. Hensley
St. Francis	Clay	175	1	......	....	......	......	......	......	......	3.00	.. ..	1.02	0.0	4	18	6	7	......	Ballard Deane
Saratoga	Howard	290	3	53 4	......	79	27	21	4	45	1.62	. ..	0.69	0.0	7	13	7	11	nw.	S. T. Rooney
Searcy	White	236	21	49 5	−3.5	72	20†	23	4	40	2.79	−2.68	0.84	0.0	9	19	2	10	nw.	Arthur D. Smith
Springbank ‡‡	Miller	249	23	......		......	......	......	......	......	3.74	−1.05	1.64	0.0	8	13	0	18	... ..	Miss Grace Field
Story	Montgomery	700	6	......	......	......	......	......	......	......	2.09	.....	0.90	0.0	6	19	6	6	n.	S. C. Story
Stuttgart	Arkansas	228	43	53 0	1.0	77	21	26	3	36	2.01	−3.76	0.65	0.0	7	16	6	9	nw.	Adam F. Buerkle
Subiaco	Logan	1050	33	51.2	−2.4	76	20	24	3	41	2.06	−0.75	0.73	0.0	6	19	1	11	s.	New Subiaco Abbey
Texarkana	Miller	332	44	52 4	−4 4	78	20	22	3	41	3.91	−0.28	1.38	0.0	5	14	8	9	n	H. S. Brashear
Thornburg	Perry	650	6	48.0	......	75	21	17	4	45	1.06	......	0.82	T	4	17	7	7	s.	Edward E. Holmes
Waldron	Scott	675	11	......	......	....	......	......	....	......	1.45	−2.28	0.67	T.	5	14	6	11	nw.	Dr. Cheves Bevill
Warren	Bradley	206	36	54 4	−1.7	73	6†	26	3	34	3.43	−2.15	1.20	0.0	8	17	10	4	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	......	......	....	......	......	......	....	1.89	......	0.99	T.	3	15	5	11	sw.	J. R. Huddleston
Whitecliffs	Little River	290	26	......	....	......	......	......	......	......	2.28	−1.91	1.08	0.0	5	14	3	14	nw.	Nannie O Schirmer
Wilson	Mississippi	237	5	50 0	... ..	74	15	23	3	31	3.70	......	1.00	0.0	7	18	5	8	n.	D. O. Anderson
Winslow	Washington	1734	15	45.7	−0.1	70	15†	17	2	40	1.26	−3.94	0.48	1.0	8	13	10	8	s.	J. D. Black
Wynne	Cross	250		50 3	−1.3	71	23†	24	3	32	7.55	+2.55	1.75	T.	8	19	5	7	n.	R. T. Cobbs
Yancopin	Desha	167		......	......	......	...	......	......	......	2.36	......	1.23	0.0	8	16	0	15	......	W. E Barton
State Means	and Extremes			50 4	−2.3	83	20	15	2	53	2.21	−2.53	2.24	0.5	6	16	6	9	nw.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for March, 1930

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita																.88		.38				.13		.48								1.87
Arkadelphia	Ouachita		.04												.03		.10		.40	.15			.10		.55	.08							1.45
Arkansas City	Mississippi		.06				T.	.20				.40			.16		T.			2.00			.20		T.	.36							3.38
Arlberg	White	.04																	.50						.46	T.							1.00
Batesville	White		.02				.12	.58	.04		T.	.16							.76	.12					.52	.14	.04						2.50
Bee Branch	Arkansas	.06					.25				.28							T.	.86						.83	T.							2.28
Bentonville ***	Arkansas	T.					.01							.02	.01	T.		.25	.46					.02	.05	T.							0.82
Black Rock	White		T.				.01	.96	.06			.02			T.				.74	.06					.58	.07							2.50
Blytheville	Mississippi		.10				.12	.93				.21							.50	.22					.57	.09							2.74
Booneville	Arkansas	.10									T.			T.	.16	.06			.90						.59	T.							1.81
Brinkley	White						.11	.36				.22							.21														0.90
Calico Rock	White		.07				.11	.25	T.			T.			.02				.76	.06					.41	.11	T.						1.79
Camden	Ouachita		.02									.95			.04					.40			.62		.79	.30							3.12
Center Point	Red	.05												.07		T.		T.	.49			.02	.18		.67	T.							1.48
Clarendon	White		.04				.30	.31				.02					.08		.02	.30				.05	.60	.08							1.80
Clinton	White	.02					.18				.18								.53						.58								1.49
Conway	Arkansas	.03					.04				.17								.58						.77								1.59
Corning	White	T.	T.				T.	.70											.98				T.		.60	.04							2.32
Corning (river)	White		T.					.68	.15		T.								.95	.26					.70	.05							2.79
Cotter	White	T					T.	.20	T.						T.				.70						.16	.08	T.						1.14
Crossett	Ouachita		.06					T							.08		T.		T.	.96			.60		.04	.35							2.09
Danville	Arkansas																T.		1.33						1.07								2.40
Dardanelle	Arkansas	.02										.20			.20		.28		.78						.82	.20							2.50
De Valls Bluff	White						.18	.08				.12							.15	.38				.90	.12								1.93
Dumas	Mississippi	.12					.10	.03			.03	.40		T.	.50		T		1.11				.22		.50	T.							3.01
Dutton	White	.14					T.	.09			T.				.28			.02	.56					T.	.55	.03							1.67
El Dorado	Ouachita		.04									.24			.04		.15			.75			.75			.19							2.16
England	Arkansas											T.		T	.02				.53						.83								1.38
Eureka Springs	White	T.													.03				1.24	T.					.21	.02							1.50
Fayetteville	White										T.				T.				2.24	.04					.39	.02							2.69
Fort Smith ***	Arkansas	.08					.10				T.			.17		.10		T.	.24					.06	T.	T.							0.75
Freeman Sprgs.	Arkansas	T.	.07					.03				T.			.11				.72						.44	.02							1.39
Fulton	Red		T.					T.				.51			.09		.20		T	.28			1.26	T.	.73	.14		T.					3.21
Georgetown	White		T.				T.	.28				.69							.11	1.10					.69	.06							2.93
Gilbert	White		.05					.25	.05				.05				.65								.10	.20	.05						1.40
Grannis	Red	.05												.03		.42	.01	.55	.74			.03	.05		.81	.03		T.					2.72
Gravette	Arkansas														.14			T.	.35						.05	T.							0.54
Harrison	White	.04					.10	.21			T.			T.	.15				1.19	.04					.30	T.							2.03
Helena	Mississippi		.08				.30	.32							T.	.06				.68					.20	.26							1.90
Higden	White						.27	.11			.07								1.12						.69	.05							2.31
Hope	Red	T.						.05			.13			.12		.08			.87			.70	.46		1.03								2.89
Hot Springs	Ouachita												T.						.74					.80									1.54
Index	Red		.05									.08					.12		.03	.11			1.43		.72	.12							2.66
Jessieville	Ouachita	.04									.04			.02		.19		.02	.73						.66								1.70
Jonesboro	White	T.					.29	.53			.25														1.02	.60							2.69
Junction	Ouachita						T.	.38			.31					T.		T.							.17	.24							1.10
Lead Hill	White	.04					.04	.23			T.			T.	.25				1.23					T.	.42	.01							2.22
Little Rock ***	Arkansas	.01					.02	T.			.03			.02	T.	T		T.	1.23			T.		.01	.67	T.							1.99
Lurton	White	.04					.08	.02			.01			T	.10				1.06					.18	.42	.03							1.94
Lutherville	Arkansas	.08						.11			T.				.20				.48					T.	.71	T.							1.58
Magnolia	Red	.28										.38							.82			1.82			.87								4.17
Malvern	Ouachita		.02												.04				.41	.12			.05		.66	.12							1.42
Mammoth Spg.	White																						T.		.25	T.							....
Marianna	Mississippi	.06					1.08					.14							.34						.39								2.01
Marked Tree	Mississippi		.10				.42	.84	.04			.72							.36	.52					.58	.01	.03						3.62
Marshall	White	.10					T.	.44			.02								.78						.50	.04							1.88
Mena	Ouachita														.02		T.		1.42	T.					.80	T.	T.						2.24
Morrillton	Arkansas					.32				.20							.16		.50					.76	.10								2.04
Mountain Home	White				.18			.20							T.				1.10					T.	.20								1.68
Mount Ida	Ouachita																		.65						.35								1.00
Newport	White		.04				.12	.69				.44							.18	.33					1.10	.05							2.95
Norman	Ouachita															T.		T.	.77						.68	T.							1.45
Oden	Ouachita									T.				T					1.00						.66	T.							1.66
Osceola	Mississippi		.22				.30	.70			1.80							.25						.72	.10	.05							4.14
Ozark	Arkansas		.05					T.							.50	T.			.40						.28								1.23
Paragould	Mississippi		.11				.97	.16								T.			2.11						1.12	T.							4.47
Patterson	White						.21	.80				.65							.58						.72								2.96
Piggott	Mississippi	.12					.35	.38			.02								1.34						1.15	.04							3.40
Pine Bluff	Arkansas		.02				T.	.35				.36			.06	.04				.75			.10	.18	.45	.22							2.48
Pocahontas	White	.05					.20	.60			.10								.90						.49								2.34
Portland	Ouachita		.05									.45			.15					.54			.55			.30							2.04
Prescott	Ouachita										.06			.04		.21			.49			1.42			.69								2.91
Princeton	Ouachita																			1.24					.10	.18							1.52
Rison	Ouachita		.13					.13									.20			.80					.85								2.11
Rogers	White	T.						.05						T					1.04	T					T.	.17							1.26
St. Charles	White							.03				.07			.08				.64				.06		.38	.05							1.31
St. Francis	St. Francis		T.					.88				T.							.38	.72			T.		1.02	T.							3.00
Saratoga	Red	.11									.12			.15				.03	.35			.17			.69								1.62
Searcy	White		.04				.01	.73	T.			.42			.02				.57	.10					.84	.06							2.79
Springbank	Red		.07					T.				.34		.03	.04		.05	T.	T.	.85		T.	1.64		.66	.06		T.					3.74
Story	Ouachita										.11				.09	.10		.90						.78	.11								2.09
Stuttgart	Arkansas				.29		.29							.02				.01	.60					.65	.15								2.01
Subiaco	Arkansas						.01	T.			.26			T.	.26	.08	T.		.72					T.	.73								2.06
Texarkana	Red											1.20			.10					.40			1.38		.83								3.91
Thornburg	Arkansas	T.					T.				.05			T.			.18	T.		.01					.82								1.06
Waldron	Arkansas	.14									T.			T.	.21	.15			.67				T.	T	.28	T.							1 45
Warren	Ouachita		.05					.37				.25			.11				1.20			.60			.65	.20							3.43
Waters	Ouachita															.11			.99						.79	T.							1.89
Whitecliffs	Red	T.	.17				T.				T.	.21		T.	T.			T.	.15	.07	T.		1.08	.60	T.	T.							2.28
Wilson	Mississippi		.02				.40	1.00				.78							.85						.60	.05							3.70
Winslow	Arkansas	.22					T.	.12			T.			T.	.10	T.	T.	.05	.48	.02					.26	.01							1.26
Wynne	Mississippi	.40					.35	1.40			1.75								1.75	1.00					.20	.70	T.						7.55
Yancopin	Arkansas		.05				T.	.10				.32			.14					1.23			.13		.05	.34							2.36

Daily River Stages for March, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	9.8	8.8	7.9	7.4	6.9	6.3	6.0	5.7	5.4	5.2	5.1	5.1	4.9	4.7	4.6	4.5	4.4	4.3	4.5	5.6	5.6	5.6	5.5	5.3	5.0	4.8	4.5	4.3	4.2	3.9	3.9
Ozark	do	22	6.9	6.2	5.0	4.1	3.3	3.3	3.3	3.1	2.9	2.8	2.8	2.7	2.6	2.4	2.2	2.1	1.9	1.8	1.7	1.7	2.5	2.9	2.9	2.9	2.7	2.5	2.5	2.1	1.7	1.5	1.4
Dardanelle	do	20	10.4	10.0	8.8	8.0	7.5	7.4	6.7	6.4	6.0	5.8	5.8	5.3	5.0	4.8	4.0	4.0	5.0	5.0	5.0	5.0	5.0	5.5	5.5	6.0	6.0	6.0	5.0	5.0	4.9	4.5	4.5
Morrillton	do	20	8.0	7.1	6.1	5.2	4.5	4.0	4.0	3.5	3.1	3.0	2.9	2.8	2.8	2.8	2.8	2.6	2.4	2.3	2.4	2.5	2.5	2.5	2.6	2.7	2.9	3.0	2.8	2.4	2.0	1.8	1.7
Little Rock	do	23	9.2	9.2	7.3	6.2	5.3	4.6	4.2	3.9	3.5	3.0	2.8	2.6	2.2	2.1	1.9	1.9	1.6	1.7	1.8	2.5	2.8	2.8	2.7	2.8	2.9	3.4	3.3	2.9	2.4	2.0	1.7
Pine Bluff	do	25	13.5	13.4	12.9	12.2	11.4	10.6	10.1	9.8	9.6	9.3	9.0	8.6	8.6	8.4	8.3	8.0	8.0	7.8	8.8	7.8	8.0	7.8	9.0	8.7	8.7	8.9	9.2	9.4	8.7	8.1	8.0
Yancopin	do	29	29.1	29.4	29.3	29.0	28.6	28.3	28.1	27.9	27.8	27.7	27.7	27.6	27.6	27.7	27.8	27.8	27.9	28.0	28.1	28.1	28.1	28.3	28.3	28.1	27.9	27.6	27.4	27.1	26.8	26.3	25.7
Danville	Petit Jean	20	4.4	4.3	4.3	4.1	3.9	3.8	3.8	3.7	3.5	3.4	3.4	3.2	3.1	3.1	3.0	3.0	3.1	3.5	6.9	9.8	7.4	6.3	5.3	5.5	8.8	8.7	7.5	6.3	5.8	5.3	5.0

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	9.2	7.2	6.2	5.5	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.5	4.3	4.3	4.5	4.4	4.4	4.3	4.4	4.5	4.5	4.5	4.3	4.1	4.0	4.3	4.0
Calico Rock	do	23	9.4	7.4	6.7	5.5	5.0	4.6	4.4	4.3	4.1	3.9	3.3	3.6	3.4	3.1	2.9	2.3	2.8	2.8	4.5	3.6	3.7	3.8	3.8	3.7	3.5	3.4	3.3	2.8	2.3	2.6	3.0
Batesville	do	26	16.3	15.1	13.0	11.9	11.2	10.6	10.8	10.3	10.1	9.8	9.4	8.8	9.0	8.7	8.5	8.2	7.8	8.1	8.8	9.7	9.3	9.3	9.4	9.5	9.3	9.0	8.8	8.8	8.2	7.8	8.1
Newport	do	20	17.3	18.3	17.8	16.7	15.7	14.7	13.8	13.5	13.0	12.7	12.2	11.7	11.2	11.0	10.5	9.9	9.2	8.6	9.1	10.5	10.9	10.9	10.8	10.7	10.6	10.1	9.8	9.4	8.8	7.9	7.6
Georgetown	do	21	17.7	18.2	18.6	18.8	19.0	19.0	19.0	18.7	18.4	18.1	17.8	17.4	16.9	16.4	16.0	15.4	14.8	14.2	13.8	13.8	14.2	14.4	14.4	14.4	14.6	14.6	14.3	14.0	13.7	13.2	12.4
De Valls Bluff	do	34	20.6	20.7	20.7	20.8	20.8	20.9	21.0	21.0	20.9	20.8	20.8	20.7	20.6	20.4	20.1	19.8	19.6	19.2	18.9	18.5	18.5	18.6	18.6	18.7	18.5	18.4	18.3	18.4	18.3	18.0	17.7
Clarendon	do	12	25.3	25.1	24.9	24.8	24.7	24.7	24.8	24.8	24.7	24.7	24.7	24.6	24.5	24.4	24.2	24.1	23.9	23.7	23.4	23.2	23.0	22.8	22.7	22.7	22.7	22.6	22.5	22.5	22.4	22.2	22.0
Gilbert	Buffalo	14	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0
Black Rock	Black	30	13.0	13.0	12.8	12.1	11.3	10.5	11.0	11.3	11.3	11.6	11.8	11.7	11.0	10.5	9.8	9.4	9.3	9.1	11.9	12.0	11.6	11.0	10.4	9.4	9.3	9.1	8.8	8.5	8.0	7.8	7.6
Camden	Ouachita	28	19.0	19.0	18.7	17.6	16.1	14.6	13.0	12.3	11.5	10.7	9.5	8.8	9.3	8.9	8.9	8.8	8.2	8.0	8.0	9.2	10.0	11.2	12.1	13.0	13.9	15.2	16.1	16.0	15.0	13.9	12.4
Fulton	Red	44	15.6	15.5	14.9	13.9	12.7	11.6	10.9	10.3	9.8	9.4	9.1	8.8	8.5	8.3	8.3	8.1	8.1	8.1	8.1	8.4	10.8	13.7	14.4	13.8	13.0	12.8	13.9	14.2	13.2	12.1	10.7
Helena	Mississippi	48	31.9	32.1	32.5	33.2	34.0	34.7	35.3	35.7	36.0	36.2	36.4	36.8	37.3	37.6	37.8	37.9	38.0	38.0	38.2	38.2	37.9	37.5	37.0	36.5	35.9	35.3	34.7	34.1	33.6	33.1	32.4
Arkansas City	do	48	40.3	39.7	39.4	39.3	39.3	39.4	39.6	39.8	39.9	40.0	40.2	40.3	40.4	40.6	40.8	40.9	41.0	41.1	41.3	41.4	41.4	41.4	41.8	41.2	40.9	40.6	40.2	39.8	39.4	38.9	38.4

Daily Temperatures for March, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	49	44	49	57	70	74	60	60	67	64	69	71	58	75	74	63	63	60	60	74	74	70	72	59	43	54	54	56	59	66	71	62.5
	Minimum	40	28	23	24	26	34	49	38	29	29	37	36	36	46	48	50	56	56	35	35	36	48	44	50	37	33	35	34	30	29	34	37.6
Bentonville	Maximum	38	31	45	53	58	66	55	51	62	60	61	68	64	67	72	67	67	60	50	69	60	65	64	50	38	47	45	49	51	59	69	56.8
	Minimum	28	16	18	27	35	44	38	32	30	41	38	35	49	48	47	53	55	35	31	38	40	40	47	37	31	27	27	28	30	28	38	35.8
Bee Branch	Maximum	54	43	48	56	62	62	59	57	64	67	66	69	69	68	72	69	64	64	54	72	72	62	70	69	50	51	52	54	56	61	70	61.5
	Minimum	34	22	21	27	34	41	43	36	28	42	41	29	36	47	45	48	53	40	32	31	45	42	40	45	35	30	34	29	26	28	30	35.9
Blytheville	Maximum	62	46	50	58	64	65	56	55	63	66	70	65	72	67	..	..	71	69	55	66	59	64	71	65	59	55	54	60	62	64	71	62.2
	Minimum	38	28	25	30	36	40	48	40	34	38	37	35	34	49	..	..	44	45	37	39	42	44	39	51	37	33	32	36	38	32	40	38.0
Booneville	Maximum	61	44	45	61	66	77	71	58	70	70	69	74	69	70	74	65	70	66	58	78	76	69	73	68	51	53	52	55	56	65	72	64.8
	Minimum	39	25	23	22	31	50	46	35	25	47	33	31	44	49	49	53	56	41	32	36	45	49	50	51	37	31	37	31	28	27	37	38.5
Brinkley	Maximum	59	43	49	57	65	69	66	56	65	66	[illegible]	68	71	72	71	66	75	68	57	72	72	65	75	69	51	54	56	55	59	61	73	63.8
	Minimum	38	28	25	27	38	45	48	41	30	44	[illegible]	31	43	51	49	50	52	47	40	35	50	45	37	50	39	33	38	30	28	28	35	39.1
Calico Rock§§	Maximum	45	39	50	62	62	54	57	54	64	[illegible]	66	70	66	69	73	68	70	57	58	73	61	63	72	58	44	53	52	57	58	64	73	60.6
	Minimum	37	21	23	19	21	29	43	39	27	28	29	25	27	38	35	39	52	56	31	30	33	43	36	40	37	31	28	26	22	23	26	32.1
Camden§§	Maximum	59	48	48	58	70	74	66	64	70	66	72	71	67	73	72	65	69	67	59	75	71	65	74	62	47	56	54	57	59	65	71	64.3
	Minimum	44	29	24	21	27	32	52	40	33	37	37	36	36	51	51	51	54	58	41	36	37	48	41	48	38	30	33	34	28	29	35	38.5
Center Point	Maximum	55	49	50	58	67	76	74	64	68	66	72	73	64	74	72	70	65	65	60	80	80	68	74	71	51	56	55	58	61	68	72	65.7
	Minimum	43	26	22	25	35	55	48	36	37	51	39	47	50	49	53	53	57	48	32	41	54	49	48	50	37	29	41	35	30	36	46	42.0
Conway	Maximum	58	58	57	60	65	66	65	59	67	71	70	70	66	65	73	70	69	67	57	76	74	65	75	69	53	53	51	56	58	63	73	64.7
	Minimum	39	28	25	28	29	39	49	40	31	47	40	32	41	51	47	51	56	46	37	36	48	47	42	50	39	33	39	35	31	30	34	39.5
Corning	Maximum	61	39	47	57	61	53	56	52	61	59	63	65	67	70	71	67	67	66	54	69	66	60	71	65	46	52	51	55	57	61	70	60.0
	Minimum	33	23	23	26	38	38	47	37	28	44	37	29	45	46	41	41	49	42	36	37	39	39	34	46	36	31	31	28	28	26	29	35.7
Dardanelle	Maximum	50	44	48	62	65	66	67	59	70	70	70	73	70	69	75	70	68	67	58	77	77	65	75	70	51	54	54	57	59	65	75	64.5
	Minimum	45	27	26	27	34	48	48	38	29	45	38	32	46	51	44	53	57	58	35	37	46	50	46	50	39	32	39	32	29	28	34	40.1
Dumas	Maximum	65	44	50	61	71	74	69	62	70	67	73	72	70	73	76	66	76	68	56	74	72	65	76	64	55	57	62	55	56	61	76	65.8
	Minimum	42	30	26	29	37	57	51	40	34	47	40	36	47	50	52	55	54	53	41	40	54	49	43	53	39	32	42	36	30	30	58	42 8
Dutton	Maximum	48	34	43	52	63	64	58	48	61	65	62	67	61	66	71	63	61	61	53	62	70	67	60	62	43	46	44	48	53	59	68	57.5
	Minimum	28	15	16	15	29	35	37	30	17	39	27	22	34	45	34	45	50	32	23	28	31	40	40	38	29	23	26	28	15	16	25	29.4
El Dorado	Maximum	52	49	50	62	72	73	72	61	65	70	71	72	70	73	68	64	67	70	66	77	74	66	74	69	59	57	52	58	59	66	70	65.5
	Minimum	45	29	25	29	37	38	54	40	36	44	43	43	51	51	54	53	55	58	41	40	54	51	46	53	39	31	44	38	34	34	40	42.9
Eureka Springs	Maximum	50	34	45	55	62	64	58	55	65	62	61	69	64	71	75	67	68	64	53	72	65	66	65	61	43	49	47	52	54	61	70	59.7
	Minimum	31	15	18	30	33	44	39	32	34	49	39	38	53	48	43	54	54	34	30	41	38	38	47	40	32	27	26	28	28	33	39	36.9
Fayetteville	Maximum	51	37	43	53	60	69	68	51	63	62	64	68	63	71	72	68	68	63	53	69	63	68	66	51	45	48	46	49	53	61	69	59.3
	Minimum	30	17	18	30	32	43	40	32	28	48	36	31	47	46	46	51	55	35	30	39	40	41	48	42	32	27	28	28	28	26	35	35.9
Fort Smith	Maximum	49	38	45	57	64	67	57	53	67	67	65	73	64	66	70	67	71	64	56	76	71	69	72	57	43	51	49	53	56	61	72	61.1
	Minimum	35	25	25	31	38	50	44	33	32	48	39	39	48	51	51	55	57	39	36	38	49	52	49	41	36	32	38	35	34	32	42	40 5
Grannis	Maximum	54	45	48	56	70	75	68	61	66	63	71	70	64	71	68	64	63	63	68	75	72	72	73	67	54	65	54	57	59	65	69	64.3
	Minimum	38	25	16	17	25	49	43	31	23	42	31	30	38	45	52	49	55	42	27	30	40	47	42	45	35	20	36	29	25	25	29	34.9
Gravette	Maximum	50	35	44	52	59	68	59	52	62	60	64	68	66	66	73	67	66	65	52	69	68	65	67	63	46	48	47	49	52	61	70	59.1
	Minimum	30	17	18	25	29	40	38	31	27	44	31	30	46	47	47	53	55	34	29	39	39	40	49	41	31	25	25	23	21	23	40	34.4
Helena	Maximum	61	41	48	67	62	68	60	54	63	64	67	67	68	67	72	69	72	68	54	68	77	62	73	63	49	51	54	53	57	63	71	62.4
	Minimum	35	28	24	26	37	46	47	34	35	50	42	43	48	50	52	53	55	46	38	38	52	47	45	48	38	30	35	34	29	32	41	40.6
Hope	Maximum	52	51	50	59	74	76	74	67	72	70	75	76	65	78	79	65	69	66	61	79	71	67	75	64	52	58	58	67	63	70	74	67.1
	Minimum	37	28	24	28	31	54	43	37	32	52	40	38	51	46	53	51	57	48	36	36	48	46	47	51	38	31	44	35	31	33	43	40.8
Hot Springs	Maximum	50	51	54	60	63	71	67	54	60	58	61	69	64	65	64	62	61	63	68	69	68	66	71	58	51	49	51	53	55	63	68	61.2
	Minimum	34	37	34	44	38	52	42	40	42	36	39	41	49	40	49	36	35	41	36	38	49	49	48	37	38	40	44	33	31	32	33	40.0
Jonesboro	Maximum	55	40	49	58	64	59	58	65	62	62	66	65	67	70	74	68	68	70	69	70	72	56	..	..	54	52	54	55	58	60	72	61.8
	Minimum	34	25	24	30	39	42	44	39	32	43	41	37	40	48	47	48	47	46	42	40	39	39	41	40	37	32	38	31	33	32	33	38.2
Lead Hill	Maximum	53	36	48	60	59	53	57	54	67	65	64	73	67	69	73	67	73	65	56	71	68	65	71	66	42	49	49	54	55	62	73	60.8
	Minimum	31	19	22	19	27	30	41	36	23	34	29	21	35	47	35	47	44	37	30	30	39	38	39	40	33	30	28	21	20	21	24	31.5
Little Rock	Maximum	51	42	48	57	65	72	60	57	67	66	68	70	64	68	72	66	68	64	58	75	72	63	73	57	44	52	52	55	56	63	71	61.7
	Minimum	37	30	26	30	39	48	49	42	38	53	41	44	48	53	52	55	56	41	39	39	54	47	47	44	37	32	42	38	36	38	43	42.5
Lutherville	Maximum	50	40	48	58	63	65	60	56	66	65	67	71	64	66	73	63	65	62	53	76	68	65	71	61	44	52	51	55	55	62	70	60.9
	Minimum	37	22	20	25	36	48	45	37	30	43	36	35	44	48	46	52	55	39	30	32	46	47	43	42	32	27	34	31	29	32	37	37.4
Magnolia	Maximum	54	47	46	58	70	75	72	70	69	67	69	72	69	72	69	65	67	69	58	76	75	74	73	69	58	..	48	56	..	64	71	65.7
	Minimum	38	28	26	27	32	59	52	35	33	34	33	42	52	51	55	53	57	55	40	38	50	52	47	53	39	..	31	37	..	35	44	42.3
Malvern	Maximum	54	46	51	58	69	71	71	64	69	67	71	71	67	71	77	67	68	65	60	76	76	67	75	69	44	56	57	60	60	67	72	65 1
	Minimum	43	29	25	23	32	52	50	40	31	35	32	32	39	49	50	49	56	50	36	34	47	48	39	43	37	29	40	33	28	27	31	38.4
Marianna	Maximum	61	48	48	57	62	61	62	55	65	65	68	66	69	69	73	73	73	69	54	68	70	63	70	70	52	53	54	54	57	70	70	63.0
	Minimum	40	30	26	31	37	46	48	41	36	36	41	35	45	52	53	53	53	49	41	40	52	46	43	43	41	33	36	33	32	33	33	40.6
Marshall	Maximum	50	37	40	71	61	60	54	56	63	61	64	68	69	66	72	66	65	77	56	72	70	63	70	67	57	49	49	52	54	64	71	60.8
	Minimum	35	20	22	28	36	37	51	36	26	50	56	27	56	47	43	53	55	36	30	35	37	42	46	40	33	30	32	26	24	24	32	36.9
Mena	Maximum	50	38	46	65	68	75	67	57	66	65	68	71	61	72	70	64	64	64	59	75	75	70	71	65	49	53	50	53	61	65	70	62.9
	Minimum	37	25	23	25	35	52	45	33	26	51	40	34	47	49	50	52	56	40	32	38	50	49	49	48	35	32	36	32	30	30	38	39.3
Mount Ida	Maximum	45	44	50	58	69	76	69	61	67	67	71	71	61	71	75	61	67	64	60	75	76	71	73	65	49	54	51	59	58	66	70	64.0
	Minimum	37	26	22	18	29	43	47	37	21	49	27	36	35	44	41	48	45	42	29	29	44	44	37	47	36	21	34	26	22	20	26	34.4
Newport	Maximum	60	41	52	59	65	61	58	55	64	65	68	68	67	73	75	69	69	65	59	72	69	69	74	69	52	56	55	59	60	67	..	63.2
	Minimum	36	26	25	29	39	43	45	39	30	47	38	33	44	49	45	51	51	44	38	38	45	41	37	47	37	32	37	30	32	30	..	38.7
Pine Bluff	Maximum	54	48	52	60	69	73	68	62	79	68	73	74	72	73	75	65	74	68	61	77	80	65	77	67	52	58	58	59	61	61	75	66.4
	Minimum	42	30	25	29	49	51	51	43	35	48	41	36	49	53	52	53	55	49	40	39	56	45	43	52	39	32	41	35	33	41	38	42.7
Pocahontas	Maximum	60	40	49	59	63	58	57	59	60	60	65	65	70	70	70	72	68	66	56	69	68	60	70	68	50	52	52	57	57	63	69	61.4
	Minimum	34	22	22	20	35	40	39	34	26	38	35	30	37	47	43	47	46	44	35	36	40	40	35	45	33	30	33	28	32	27	30	34.9
Portland	Maximum	68	48	49	61	70	74	69	64	70	70	71	71	68	71	68	66	72	73	66	75	69	64	76	72	53	59	51	56	61	67	74	66.0
	Minimum	46	31	26	31	37	54	54	41	37	49	42	39	46	52	57	54	55	63	43	39	54	52	44	52	40	32	43	39	34	32	34	43.6
Prescott	Maximum	55	50	52	68	66	64	67	69	73	65	67	76	76	79	76	74	68	70	63	68	71	76	78	74	60	51	58	61	67	72	76	67.5
	Minimum	30	28	24	29	38	48	46	48	48	52	39	44	48	51	53	60	58	54	36	38	46	41	49	46	38	31	38	44	32	38	45	42 9
Rison	Maximum	66	48	50	59	70	73	72	62	69	67	72	73	71	73	75	65	73	63	53	68	..	..	..	69	59	49	49	58	60	66	73	64.5
	Minimum	43	29	24	28	37	53	51	39	37	52	39	38	43	51	53	54	55	54	39	38	..	..	..	44	39	31	41	33	30	31	39	41 1
Searcy	Maximum	60	42	47	57	63	59	58	56	54	67	68	67	65	67	71	67	65	65	56	72	67	62	72	64	47	53	54	56	57	62	71	61.3
	Minimum	36	26	24	23	33	41	46	38	31	43	38	31	40	49	48	50	52	43	38	36	47	44	38	46	37	32	37	32	30	29	31	37.7
Stuttgart	Maximum	55	43	49	58	65	70	67	61	66	65	69	70	71	70	71	69	73	69	56	74	77	69	73	70	56	53	54	55	58	65	72	64.3
	Minimum	47	29	26	29	39	49	49	40	36	48	40	34	45	52	49	53	56	59	40	40	53	44	41	50	39	32	38	32	32	33	37	41.6
Texarkana	Maximum	50	48	48	59	69	76	67	67	57	70	73	74	65	75	71	67	70	63	70	78	70	68	68	68	52	56	53	60	62	68	72	65.0
	Minimum	40	26	22	24	31	52	48	35	32	44	38	39	48	47	54	52	50	44	34	37	52	47	50	48	36	29	40	33	29	30	42	39.8
Thornburg	Maximum	49	41	45	58	65	73	66	56	65	66	67	69	59	67	72	65	64	62	56	73	75	63	70	62	47	50	50	52	55	61	69	61.0
	Minimum	37	25	22	17	27	46	36	36	23	43	35	21	53	44	38	53	55	43	32	28	45	45	39	44	35	36	31	26	21	21	28	35.1
Warren	Maximum	65	59	51	54	68	73	70	63	66	64	70	70	69	70	69	70	71	62	73	73	65	73	73	66	58	51	53	54	58	62	71	65.2
	Minimum	44	29	26	30	38	55	52	42	39	52	43	40	50	53	55	59	56	41	39	58	49	45	45	55	40	35	43	37	36	38	38	43.6
Wilson	Maximum	65	39	48	58	65	61	55	55	60	66	64	65	70	69	74	72	76	69	54	67	65	61	71	68	53	52	53	53	57	62	70	61.5
	Minimum	35	27	23	27	38	43	47	36	34	45	39	32	44	50	47	47	52	49	37	39	44	44	40	50	38	31	33	28	30	32	33	38.5
Wynne	Maximum	55	46	48	57	61	61	56	51	61	68	68	65	66	70	69	69	68	70	54	69	63	62	71	61	50	53	53	51	60	60	71	61.0
	Minimum	35	28	24	27	36	45	47	35	31	47	37	33	46	52	51	50	49	45	39	44	47	44	42	47	39	32	36	31	30	40	39	39.6

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., APRIL, 1930 No. 4

GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during April were the positive temperature and negative precipitation departures. All stations for which normals have been computed recorded temperatures above the April normal and no station measured as much as normal rainfall.

The month opened with temperatures normal or slightly above and daily means continued above the seasonal average in practically all localities until about the 23d when a moderately cool wave occurred with daily means below normal for three or four days. Thereafter temperatures were again slightly above normal. The mean temperature for the month, as determined from the records of 63 stations, was 64.9° which is 3.5° above normal. Monthly means ranged from 58.9° at Dutton to 69.7° at Junction and Prescott, a difference of 10.8° between northwestern and southern sections of the State. The highest temperature recorded during the month was 96° at Harrison on the 10th, the lowest, 27° at Calico Rock on the 1st. The highest occurred in most sections about the 7th or 10th, the lowest on different dates. Extremes were well within the limits established by previous records. The greatest daily range was 56° at Brinkley on the 13th.

The average precipitation for the State, as determined from the records of 93 stations, was 1.41 inches which is 3.47 inches below normal. This was the driest April in Arkansas since State wide records have been kept, 1903 with 1.86 inches being the next driest. Monthly totals ranged from 4.40 inches at Harrison to none at Princeton. There were thirty-three stations reporting monthly totals of less than an inch. Although the average rainfall for the month was the least on record, the number of rainy days was only two below normal. Little rain was recorded from the 5th to the 12th, but during other periods light scattered showers were of daily occurrence. The greatest amount measured for any 24-hour period was 2.15 inches at Harrison on the 23d.

Considered as a whole, the weather in Arkansas during April was unusually favorable for farming and all other outdoor work. Cotton planting started in southern sections of the State during the closing days of March and continued with slight interruptions throughout the month. At the close of the month planting was in progress to the northern counties and cultivation was under way in southern sections. Corn made good progress in practically all sections, but rain was needed at the close of the month. All farm work was well in hand at the close of the month and conditions generally were favorable. W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:---1st, 3; 2d, 16; 3d, 14; 5th, 12; 6th, 1; 11th, 1; 12th, 1; 13th, 14; 14th, 4; 15th, 8; 16th, 16; 17th, 9; 19th, 1; 20th, 12; 22d, 3; 23d, 10; 24th, 6; 26th, 12; 27th, 5; 28th, 2; 29th, 19; 30th, 7.

SOLAR HALOS:-----4th, 1; 7th, 1; 17th, 1; 22d, 2; 23d, 1; 25th, 1.

DENSE FOG:------3d, 7; 5th, 1; 14th, 3; 20th, 1; 24th, 2; 28th, 1.

Moderate Hail at Saratoga the 17th, slight damage.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement, miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.98	30.21	11	29.63	16	4,167	20	s.	1	......	......	71
Fort Smith	29.98	30.26	11	29.67	16	5,098	30	e.	26	70	46	56
Little Rock	30.02	30.33	11	29.74	15	5,441	22	s.	29	67	41	68
Memphis	30.04	30.36	11	29.75	8	4,629	24	sw.	1	63	44	63

COMPARATIVE DATA FOR APRIL

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	61.4		99		18		4.88		13	8	9	8
1891	62.8	+1.4	98	30	22	6	2.75	−2.13	15	10	5	8
1892	61.4	0.0	97	18	27	22	6.98	+2.10	12	9	9	10
1893	64.9	+3.5	94	4	29	15	7.16	+2.28	11	10	9	5
1894	63.1	+1.7	91	16	29	6	6.18	+1.30	14	8	8	9
1895	63.1	+1.7	98	30	30	3	1.99	−2.89	15	8	7	5
1896	67.8	+6.4	94	26	24	3	3.65	−1.23	12	12	6	6
1897	61.4	0.0	90	27	31	17	4.14	−0.74	12	11	7	9
1898	59.2	−2.2	93	30	19	6	8.09	−1.79	14	8	8	8
1809	60.7	−0.7	96	25	19	1	3.28	−1.60	10	11	9	7
1900	62.2	+0.8	96	23	24	8	4.98	+0.10	10	12	8	10
1901	58.1	−3.3	96	29	22	3	3.82	−1.06	14	8	8	5
1902	61.[illegible]	−0.2	96	29	25	1	2.87	−2.01	11	11	8	6
1903	60.6	−0.8	91	9	26	26	1.86	−3.02	13	10	7	6
1904	56.8	−4.6	89	28	24	10	3.88	−1.00	11	9	10	8
1905	61.1	−0.3	96	9	25	6	6.29	+1.41	9	10	1	11
1906	63.7	+2.3	97	11	27	1	2.55	−2.33	15	7	8	6
1907	54.9	−6.5	89	29	24	14	5.44	+0.56	10	7	13	9
1908	63.3	+1.9	94	21	24	30	6.82	+1.44	9	9	12	12
1909	60.9	−0.5	88	18	24	9	4.52	−0.36	15	7	8	8
1910	59.8	−1.6	90	30	22	25	5.14	+0.26	12	9	19	9
1911	60.5	−0.9	90	6	29	1	9.86	+4.98	10	9	11	12
1912	61.9	+0.5	93	15	26	1	8.14	+3.26	9	11	10	12
1918	61.2	−0.2	94	18	27	5	4.91	+0.03	17	6	17	6
1914	61.0	−0.4	94	16	19	9	4.57	−0.31	11	9	0	9
1915	64.3	+2.9	96	28	19	3	2.96	−1.92	14	8	18	5
1916	59.9	−1.5	92	14	24	9	3.65	−1.23	13	7	10	7
1917	60.4	−1.0	90	28	23	9	5.69	+0.81	14	7	9	9
1918	59.6	−1.8	96	2	25	10	7.63	+2.75	14	6	10	9
1919	61.6	+0.2	95	24	24	16	3.56	−1.32	14	6	10	7
1920	59.8	−1.6	94	22	21	11	5.49	+0.61	14	7	9	9
1921	59.8	−1.6	91	27	22	17	7.87	+2.99	14	6	10	9
1922	63.5	+2.1	90	7	26	1	5 54	+0.66	13	6	11	9
1023	61.4	0.0	95	24	23	1	6.30	+1.42	14	7	9	11
1924	61.4	0.0	94	14	18	1	4.99	+0.11	14	5	10	8
1925	67.4	+6.0	98	15	28	30	2.62	−2.26	14	9	7	6
1926	59.1	−2.3	94	29	18	1	2.65	−2.23	15	6	9	7
1927	65.7	+4.3	99	27	26	22	12.93	+8.05	12	7	11	12
1928	57.3	−4.1	87	1	22	10	8.52	+3.64	13	5	12	9
1929	64 0	+2.6	92	8	29	1	5.69	+0.81	11	7	12	10
1930	64.9	+3.5	96	10	27	1	1.41	−3.47	16	7	7	6

Corrections: March, 1930

El Dorado, highest temperature should be 77° on 20th.
Higden, prevailing wind direction should be nw.

Climatological Data for April, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	65.8	+4.6	89	7†	37	1	44	1.15	−4.49	0.38	0.0	4	13	12	5	s.	J. W. Campbell
Arkadelphia	Clark	250	34	......	......	......	......	......	......	......	0.10	−5.29	0.07	0.0	3	18	4	8	s.	W. K. Bown
Arkansas City	Desha	145	46	......	......	......	......	......	......	......	2.29	−2.37	1.25	0.0	5	20	1	9	......	J. H. Catham
Arlborg	Stone	700	8	......	......	......	......	......	......	......	1.77	......	0.73	0.0	5	14	11	5	ne.	J. D. Reeves
Batesville	Independence	277	31	60.4	+1.5	88	10	32	8	41	2.05	−2.63	0.62	0.0	11	20	2	8	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	63.4	+2.5	88	10	38	8	41	2.14	−2.83	1.55	0.0	6	16	6	8	s.	J. E. Scanlan
Bentonville	Benton	1303	25	62.5	+5.6	87	10	40	8	33	2.46	−1.43	0.97	0.0	13	21	1	8	s.	U. S. Weather Bure
Black Rock	Lawrence	259	28	......	......	......	......	......	......	......	1.99	−3.42	0.39	0.0	10	18	3	9	s.	Vernon C. Howe
Blytheville	Mississippi	252	5	64.6	......	89	10	39	24	38	1.10	......	0.80	0.0	8	12	8	10	s.	B. E. Smith
Booneville	Logan	465	16	66.2	+4.6	91	10	44	19	39	2.05	−2.14	0.60	0.0	8	13	9	8	s.	F. H. Randolph
Brinkley	Monroe	205	43	64.6	+3.9	89	10	30	13	56	1.07	−4.35	0.43	0.0	6	18	8	4	se.	R. J. Torry
Calico Rock	Izard	361	26	61.4	+3.3	94	10	27	1	50	1.73	−2.91	0.60	0.0	11	12	16	2	sw.	W. J. Copp
Camden	Ouachita	158	45	66.3	+2.6	90	7	37	1	42	0.55	−4.59	0.45	0.0	6	18	3	9	s.	A. B. Quarterman
Center Point	Howard	470	31	68.8	+6.1	94	7	51	25	40	3.93	−3.32	1.61	0.0	6	15	8	7	s.	John C. Floyd
Clarendon	Monroe	200	26	......	......	......	......	......	......	......	1.03	−5.50	0.48	0.0	6	14	3	13	s.	J. W. Bishop
Clinton	Van Buren	516	9	......	......	......	......	......	......	......	1.73	......	0.66	0.0	6	15	11	4	s.	A. L. Stephens
Conway	Faulkner	309	17	66.0	+4.5	94	22	41	8	46	0.22	−4.43	0.07	0.0	5	20	6	4	s.	E. E. Cordrey
Corning	Clay	283	37	82.8	+3.2	90	10	34	25	37	1.52	−3.06	0.55	0.0	6	28	0	2	s.	Winfred D. Polk
Corning (river)	Clay	250	6	......	......	......	......	......	......	......	1.61	......	0.48	0.0	5	17	7	6	......	Henry Stafford
Cotter	Baxter	408	3	......	......	......	......	......	......	......	2.74	......	0.68	0.0	9	11	7	12	s.	Charles Turnipseed
Crossett	Ashley	175	15	67.2	+3.9	90	7	41	1	40	1.46	−3.06	0.64	0.0	5	12	7	11	sw.	G. A. Gifford
Danville	Yell	327	14	......	......	......	......	......	......	......	0.41	−3.51	0.15	0.0	4	17	1	12	w.	C. G. Hudson
Dardanelle	Yell	[illegible]	44	67.0	+5.6	94	10	44	8	42	0.61	−3.43	0.14	0.0	6	11	13	6	s.	Geo. N. Goodier
De Valls Bluff	Prairie	[illegible]	3	......	......	......	......	......	......	......	0.18	......	0.18	0.0	1	17	8	5	......	H. G. Pate
Dumas	Desha	[illegible]	[illegible]	66.2	+3.4	87	30	12	8	37	1.77	−3.18	0.60	0.0	6	10	17	3	s.	Ben Johnson
Dutton	Madison	1590	27	58.9	+2.9	85	10	32	8	43	2.07	−3.69	0.48	0.0	7	13	12	5	s.	J. M. Ricketts
El Dorado	Union	270	29	69.2	+5.8	92	7	48	5†	39	0.86	[illegible]	0.72	0.0	3	12	11	7	se.	J. J. Babb
England	Lonoke	229	23	66.0^b	+3.9	90^b	10	41^b	8	37^b	0.27	−5.97	0.23	0.0	8	20^b	0^b	8^b	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1365	30	64.2	+5.8	88	9†	42	21	37	3.63	−1.04	1.07	0.0	11	16	7	7	sw.	Geo. W. Nicholds
Fayetteville	Washington	1451	43	63.5	+5.5	87	10	40	8†	37	2.81	−1.71	1.12	0.0	10	14	9	7	s.	University of Arkan
Fort Smith	Sebastian	457	49	66.4	+4.6	90	10	49	26	32	1.55	−2.09	0.61	0.0	9	10	10	10	e.	U. S. Weather Bur
Freeman Springs	Pope	2240	6	......	......	......	......	......	......	......	1.68	......	0.27	0.0	12	19	6	5	s.	J. R. Mc Cuiston
Fulton	Hempstead	269	14	......	......	......	......	......	......	......	0.82	−3.61	0.32	0.0	5	18	2	10	......	T. J. Logan
Georgetown	White	[illegible]	18	......	......	......	......	......	......	......	1.15	−4.57	1.09	0.0	3	16	2	12	......	W. R. Owens
Gilbert	Searcy	675	7	......	......	......	......	......	......	..	2.49	......	0.67	0.0	10	12^a	12^a	5^a	......	Ben F. Battenfield
Grannis	Polk	[illegible]	11	64.2	+3.7	91	7	41	5†	47	2.23	−4.22	1.17	0.0	8	14	10	6	e.	W. E. McVay
Gravette	Benton	1250	33	62.8	+6.2	87	10	39	21	29	2.75	−1.33	1.33	0.0	7	12	10	8	sw.	A. F. Stevens
Harrison	Boone	1052	29	63.1^b	+6.4	96^b	10	37^b	8†	45^c	4.40	[illegible]	2.15	0.0	8	15	8	7	......	Mrs. G. L. Wright
Helena	Phillips	250	[illegible]	65.6	+3.2	87	10	38	8	39	0.56	−5.12	0.26	0.0	4	15	6	9	s.	James A. Burnett
Higden	Cleburne	445	12	......	......	......	......	......	......	......	3.09	......	1.88	0.0	7	18	6	6	s.	Geo. W. Baker
Hope	Hempstead	377	[illegible]	69.4	+6.2	97	10	45	5†	48	0.55	−1.91	0.31	0.0	3	19	6	5	se.	N. P. O'Neal
Hot Springs	Garland	[illegible]	[illegible]	65.9	+3.4	88	10	44	25	36	0.31	−5.68	0.13	0.0	2	18	8	4	......	G. C. Bolton
Indox ‡‡	Little River	277	[illegible]	......	......	......	......	......	......	......	0.99	......	0.70	0.0	4	15	2	13	......	H. G. Sanderson
Jessieville	Garland	[illegible]	4	......	......	......	......	......	......	......	0.76	......	0.42	0.0	6	18	6	6	......	U. S. Forest Servic
Jonesboro	Craighead	[illegible]	[illegible]	63.6	+2.4	88	11	41	24†	34	1.41	−3.39	[illegible]	0.0	7	23	4	3	sw.	Benedictine Sisters
Junction ‡‡	Union	[illegible]	36	69.7	+4.1	91	17	46	22	40	0.61	−4.23	0.36	0.0	2	26	4	0	sw.	J. A. Lowderback
Lead Hill	Boone	650	3	61.3	......	92	10	30	2	50	2.75	......	0.73	0.0	9	17	7	6	w.	J. H. Crosswhite
Little Rock	Pulaski	357	51	66.4	+4.3	90	10	45	28	31	0.17	−5.02	0.06	0.0	4	10	9	11	s	U. S. Weather Bur
Lurton	Newton	[illegible]	5	60.9	......	84	10	42	21†	31	2.21		0.71	0.0	10	19	4	7	s.	I. C. Sutton
Lutherville ‡‡	Johnson	[illegible]	[illegible]	65.2	+5.4	91	5†	43	5	40	1.48	[illegible]	[illegible]	0.0	9	14	8	8	se.	H. G. Lenhardt
Magnolia	Columbia	315	11	63.8	+4.3	90	7	47	5	40	0.62	−4.15	0.53	0.0	3	12	15	3	ne.	State Agri. Schoo
Malvern	Hot Springs	277	43	66.3	+5.2	90	10	42	5†	47	0.15	−4.99	0.08	0.0	4	21	5	4	ne.	Mrs. W. L. Matthe
Mammoth Spring	Fulton	600	25	63.7	+5.3	93	11	33	20	41	1.66	−3.54	0.55	0.0	5	19	7	4	[illegible]	S. F. Whittaker
Marianna	Lee	235	18	65.2	+4.7	86	10	40	8	36	0.48	−3.39	0.38	0.0	3	27	3	0	s.	C. N. Houck
Marked Tree	Poinsett	229	25	62.3	+0.4	89	10	35	24	45	1.41	−4.18	0.59	0.0	8	16	11	3	n.	Charles Walton
Marshall	Searcy	[illegible]	16	63.3	+2.5	90	10	37	25	39	2.62	[illegible]	1.10	0.0	7	16	2	12	sw.	A. J. Parks
Mena	Polk	1165	42	66.2	+4.8	89	10	46	21	39	0.89	−4.93	0.40	0.0	7	15	7	8	nw.	E. W. St. John
Morrilton	Conway	317	[illegible]	65.2	......	90	10	43	1†	11	0.27	......	0.16	0.0	2	13	6	11	c.	John Cook
Mountain Home	Baxter	[illegible]	[illegible]	62.4	+3.0	92	10	35	8	42	2.05	−1.15	0.95	0.0	7	13	6	11	w.	B. S. Halbert
Mount Ida	Montgomery	650	[illegible]	61.0	+2.6	89	7†	36	9	49	1.01	−4.70	0.79	0.0	4	14	8	8	w.	G. A. Whittington
Newport	Jackson	[illegible]	[illegible]	64.4	+2.6	93	10	39	8†	37	2.48	−2.51	0.94	0.0	6	13	9	8	n.	A. C. Wilkerson
Norman	Montgomery	750		......	......	......	......	......	......	......	1.39	......	0.91	0.0	3	15	10	5	......	U. S. Forest Servic
Oden	Montgomery	500	4	......	......	......	......	......	......	......	0.77	......	0.65	0.0	2	12	10	8	......	U. S. Forest Servic
Osceola	Mississippi	240	[illegible]	63.9	+4.2	89	11†	38	8	34	1.37	−2.89	1.10	0.0	3	19	3	8	s.	June Thomason
Ozark	Franklin	[illegible]	[illegible]	62.8	+0.4	92	10	32	1	46	2.05	−2.19	0.50	0.0	8	14	2	14	e.	Orkney O. Milton
Paragould	Greene	[illegible]	4	......	......	......	......	......	......	......	1.04	......	0.34	0.0	6	21	6	3	s.	W. R. Heagler
Patterson	Woodruff	196	11	......	......	......	......	......	......	......	1.04	5.27	0.42	0.0	4	22	0	8	s.	W. E. Baker
Piggott	Clay	307	6	......	......	......	......	......	......	......	1.39	......	0.55	0.0	7	17	9	4	sw.	V. C. Wright
Pine Bluff	Jefferson	215	43	67.4	+3.0	89	10	47	8	38	0.54	−4.96	0.33	0.0	6	15	6	9	sw.	Miss Theresa Sche
Pocahontas	Randolph	300	37	63.3	+3.3	89	10	36	24	40	2.02	−2.76	0.80	0.0	8	14	8	8	n.	Benedictine Sister
Portland	Ashley	122	24	67.9	+1.2	90	7	43	25	44	1.00	−4.30	0.40	0.0	5	16	10	4	s.	W. E. Edmiston
Prescott	Nevada	[illegible]	32	69.7	+6.5	90	10	45	25	41	0.26	−5.13	0.22	0.0	3	18	1	11	n.	C. D. Calhoun
Princeton	Dallas	287	21	......	......	......	......	......	......	......	0.60	−5.52	0.60	0.0	0	26	4	0	......	Mrs. Dora Colema
Rison	Cleveland	[illegible]	[illegible]	67.8	+4.8	89	22	45	8†	11	0.18	−4.39	0.18	0.0	1	17	10	3	sw.	Mrs. M. V. Tisda
Rogers	Benton	[illegible]	[illegible]	[illegible]	+5.3	88	10	39	19	38	2.87	−1.48	0.93	0.0	7	14	7	9	w.	Carl A. Starck
St. Charles	Arkansas	175	1	62.5	......	85	10†	41	8	36	0.58	......	0.44	0.0	4	23	7	0	s.	Ballard Deane
St. Francis	Clay	[illegible]	2	......	......	......	......	......	......	......	1.73		0.58	0.0	5	18	5	7	......	S. T. Rooney
Saratoga	Howard	[illegible]	1	68.0	......	94	7	44	7	50	1.52	......	0.80	0.0	5	10	12	8	[illegible]	Frank K. Hensle
Searcy	White	[illegible]	21	63.5	+1.9	83	10	35	8	41	0.89	−4.55	[illegible]	0.0	7	19	4	7	se.	Arthur D. Smith
Springbank ‡‡	Miller	[illegible]	[illegible]	......	......	......	......	......	......	......	0.36	−7.06	0.25	0.0	4	20	1	9	......	Miss Grace Field
Story	Montgomery	700	6	......	......	......	......	......	......	......	1.66	......	0.73	0.0	3	20	8	2	n.	S. C. Story
Stuttgart	Arkansas	[illegible]	[illegible]	[illegible]	+4.0	89	10	[illegible]	8	41	0.56	−4.66	0.28	0.0	4	17	9	4	s.	Adam F. Buerkle
Subiaco	Logan	[illegible]	[illegible]	[illegible]	+5.3	91	10	46	19†	39	2.21	−2.07	1.11	0.0	9	13	6	11	s.	New Subiaco Abb
Texarkana	Miller	[illegible]	[illegible]	68.0	+4.2	94	7	45	8	42	1.87	−3.36	0.90	0.0	5	17	8	5	s.	H. S. Brashear
Thornburg	Perry	[illegible]	[illegible]	62.2	......	89	10	39	8	46	0.26	......	0.09	0.0	6	17	6	7	s.	Edward E. Holme
Waldron	Scott	[illegible]	[illegible]	......	......	......	......	......	......	......	0.81	−5.27	0.23	0.0	8	13	5	12	sw.	Dr. Cheves Bevil
Warren	Bradley	[illegible]	[illegible]	67.2	+4.6	[illegible]	7	45	25	33	0.70	−4.65	0.65	0.0	2	18	11	1	s.	Miss Evelyn Hoyl
[illegible]	Montgomery	[illegible]	5	......	......	......	......	......	......	......	1.15	......	0.73	0.0	3	16	4	10	sw.	J. R. Huddleston
[illegible]	Little River	[illegible]	[illegible]	......	......	......	......	......	......	......	2.50	−3.61	[illegible]	0.0	6	13	6	11	se.	Nannie O. Schirm
Wilson	Mississippi	[illegible]	5	[illegible]	......	87	10	[illegible]	24	37	1.45	......	0.60	0.0	5	21	5	4	s.	D. O. Anderso
[illegible]	Washington	[illegible]	[illegible]	61.2	+3.6	85	10	37	8	35	1.56	−2.77	0.56	0.0	11	9	15	6	s.	J. D. Black
[illegible]	Cross	[illegible]	[illegible]	[illegible]	+2.3	87	10	36	8	41	1.75	−3.81	0.75	0.0	3	16	9	5	s.	R. T. Cobbs
[illegible]	[illegible]	[illegible]		......	......	......	......	......	......	......	1.31	......	0.52	0.0	7	17	3	10	......	W. E. Barton
State Mean and Extremes				[illegible]	+3.5	96	10	27	1	56	1.41	−3.47	2.15	0.0	6	16	7	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch ra
unmelted snow. Received too late for means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:
Indox, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near suns
otherwise indicated. **24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for April, 1930

Stations	Drainage-basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																.16										.12	.58		.27			1.13
Arkadelphia	Ouachita			.02													.01										.07						0.10
Arkansas City	Mississippi		.45	1.25			.15											.21													.23		2.29
Arlberg	White		.32	.08																	.38			.73						.26			1.77
Batesville	White		.06	.62											T.	.09	.01	.20			.08	.30		.16	.40		T.	.02	T.		.11		2.05
Bee Branch	Arkansas		.12	1.55		T.									T.	T.	.05				.20			.20			.02	T.		T.			2.14
Bentonville***	Arkansas	.08	.32	.01										.09		.05		.22		.21	.36			.97		.01	.08	.01		.05			2.46
Black Rock	White		.37	.39										.20	.07	T.	.08				.04	.33		.12				T.	.04		.35		1.99
Blytheville	Mississippi		.01	.80		T.									.01		.02	.15			.07			.02						.02			1.10
Booneville	Arkansas	T.		.52										.60		.25	.05				.09			T.	.08		.42			.04			2.05
Brinkley	White		.07	.03			.05											.29							.20						.43		1.07
Calico Rock	White		.24	.60											.02	T.	.03	.01			.17	.37		.12	.13		T.	.01			.08		1.78
Camden	Ouachita			.45			.03										.01								.04		.01	.01					0.55
Center Point	Red		T.													.27	.64								.05		.31	1.61		.15			3.03
Clarendon	White		.03	.02			.04											.33							.13						.48		1.03
Clinton	White		.12	.66																	.33			.50			.08			.04			1.73
Conway	Arkansas		.06														.03				.07				.03				.03				0.22
Corning	White		.55	.38											.15			.30				.32		.12									1.82
Corning (river)	White		.42	.48											.26		T.	.25				.20		T.			T.	T.					1.61
Cotter	White		.06	.68											T.	.20	.05				.41	.40		.48	.25		T.				.21		2.74
Crossett	Ouachita		.64	.55			.01									.15															.08		1.46
Danville	Arkansas		.05														.11				T.				.10			.15					0.41
Dardanelle	Arkansas		.07											.10		.12	T.				.10	T.		.08			.14			T.			0.61
De Valls Bluff	White			T.														.18															0.18
Dumas	Mississippi	T.	.03	.60			.15										T.	.38							T.	.15		T.			.46		1.77
Dutton	White	T.	.48											T.		.24	.10				.41			.40			.38			.06			2.07
El Dorado	Ouachita		.13	.72													T.	T.							.01								0.86
England	Arkansas		T.			.01										T.	.23							.03						T.			0.27
Eureka Springs	White		.06											.06	1.07	.02	.36	.02			.79			1.07			.12	.02		.10			3.63
Fayetteville	White		1.12	T.										T.	.11	.05	.42				.72			.15	.03	T.	.18	.03		.02			2.81
Fort Smith***	Arkansas	.02	T.											.39		.21	.05				.27			.10		.01	.60	T.	T.	.20			1.85
Freeman Sprgs.	Arkansas		.21	.13											.19		.14	.07			.27	.06		.19	.14		.10	.06			.10		1.68
Fulton	Red			.22												T.	T.	.32			T.	T.			T.	.15	T.	.10		T.	.03		0.82
Georgetown	White			.12													T.	.06				T.			T.		T.				1.00		1.18
Gilbert	White		.10	.40											.03	T.	T.	.01			.45	.16		.67			.35	.15			.17		2.49
Grannis	Red	.04	.05													.35	.05				T.				.21		1.17	.23		.13			2.23
Gravette	Arkansas	T.	.21											T.		T.	.07	1.38			.35		.49			.02		T.		.23			2.75
Harrison	White		.39											.11	.26	T.	.09				1.04			2.15	.08		.28	T.					4.40
Helena	Mississippi			.22														.26							.03						.05		0.56
Higden	White		.07	1.88		T.										T.	.03				.41			.65			.02			.03			3.09
Hope	Red		.14			.10										T.	T.				T.				.31								0.55
Hot Springs	Ouachita		T.													.16											.18			T.			0.34
Index	Red					.08												.20										.70		.01			0.99
Jessieville	Ouachita	.03	.02													.10								.18			.42			.01			0.76
Jonesboro	White			.93											T.		.02	.25	.01		.05	.06		.06									1.41
Junction	Ouachita	.36										T.												.28									0.64
Lead Hill	White		.13	.66										.02	.17	T.	.15	T.			.78			.59			.20	T.		.16			2.73
Little Rock***	Arkansas	T.	T.			.03									T.	T.	T.	T.			T.			.06			.06	.02		T.			0.17
Lurton	White	.08	.22	.02										.40		.09	.03				.38			.71			.12			.16			2.21
Lutherville	Arkansas		T.	.28										.31		.08	.09				.38			.07			.14	.03		.10			1.48
Magnolia	Red		.53															.03							.06								0.62
Malvern	Ouachita																.02								.08		.03	.05					0.18
Mammoth Spg.	White			.35											T.		.10				T.		.55	.38						T.	.30		1.68
Marianna	Mississippi			.03														.38						.07									0.48
Marked Tree	Mississippi		.08	.59	.28													.30	.10					.02	.03						.01		1.41
Marshall	White		.70												T.	.04	.04				.65			1.10	.01		.08			T.			2.62
Mena	Ouachita		T.														.28								.05	.06	.01	.40		.01	.02		0.83
Morrilton	Arkansas																T.							.16				.11					0.27
Mountain Home	White		.40	.30										T.		.05	.05				.95			.25			T.	T.		.05			2.05
Mount Ida	Ouachita															.06	.01											.79		.15			1.01
Newport	White			.94														.26				.16		.03	.47						.62		2.48
Norman	Ouachita	T.														T.	T.										.18	.91		.30			1.89
Oden	Ouachita															.12											.65						0.77
Osceola	Mississippi			.22	1.10												T.	.05							T.					T.	T.		1.37
Ozark	Arkansas		T.	.18											.50		.28				.28	.24			.20		.02	.35					2.05
Paragould	Mississippi		.34			T.									.15	.04	.26				.22			.03									1.04
Patterson	White			.42														.11						.10							.41		1.04
Piggott	Mississippi		.55	.25		T.									.21		T.	.11			.16			.08				T.			.03		1.39
Pine Bluff	Arkansas		T.	.03			.10									T.	.02	T.	.02			T.			.33						.04		0.54
Pocahontas	White		.30	.80											.03		.05	.07			.35				.37						.05		2.02
Portland	Ouachita		.40	.33			.04											.19													.04		1.00
Prescott	Ouachita	T.	.22													T.	.02				T.									.02			0.26
Princeton	Ouachita																																0.00
Rison	Ouachita			.18																													0.18
Rogers	White		.23	.05										T.	.77	.08					.78			.93			.03						2.87
St. Charles	White			.11		.04												.44													.29		0.88
St. Francis	St. Francis		.88	.42			T.								.10		T.	.12			T.	.21									T.		1.73
Saratoga	Red															.05		.41							.15			.80		.08			1.52
Searcy	White		.02	.47														.02				T.		.12	.09				.02		.15		0.89
Springbank	Red		T.	.07													T.	T.				T.				.02	T.	.25			.02		0.36
Story	Ouachita															.30											.73			.03			1.06
Stuttgart	Arkansas		.04														.16							.08						.28			0.56
Subiaco	Arkansas	T.	T.	1.11										.29	.08	.09	.15				.24			.02	.04		.19	T.					2.21
Texarkana	Red		.05	.07	.50													.35										.90					1.87
Thornburg	Arkansas	T.	T.													.02	T.				T.			.02	.03		.09	.09		.01			0.26
Waldron	Arkansas	T.	.10											.12		.23	.03				.05			T.	T.		.06	.10		.12			0.81
Warren	Ouachita		.05	.65			T.																		T.		T.	T.					0.70
Waters	Ouachita															.29										.13	.73						1.15
Whitecliffs	Red			.40												T.	T.	.40							T.	.23	.03	1.32		T.	.12		2.50
Wilson	Mississippi		.10	.60														.40	.30					.05									1.45
Winslow	Arkansas	T.	.18											.13	.01	.21					.56			.03	.02	T.	.23	.04		.14	.01		1.56
Wynne	Mississipp		.75														.30	.70												T.			1.75
Yancopin	Arkansas		.03	.32			.03											.52				.02			.02						.37		1.31

Daily River Stages for April, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	3	31
Fort Smith	Arkansas	22	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.8	4.4	4.6	4.3	4.0	3.8	4.0	4.3	4.0	4.2	4.2	4.1	
Ozark	do	22	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.6	0.6	0.5	0.4	0.3	0.2	1.4	1.6	1.4	1.1	1.0	1.0	1.0	1.2	1.2	1.2	
Dardanelle	do	20	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	
Morrilton	do	20	1.6	1.5	1.4	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	
Little Rock	do	23	1.5	1.2	1.1	1.1	1.3	1.2	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	0.2	0.4	0.6	0.4	0.0	0.1	0.2	0.3	
Pine Bluff	do	25	7.8	7.5	7.3	6.8	6.6	6.4	6.2	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.5	5.2	4.9	4.9	4.8	4.8	4.7	4.7	4.7	4.7	4.8	5.0	5.0	5.0	4.9	4.7	
Yancopin	do	29	25.0	24.4	23.7	22.9	22.0	21.0	20.1	19.8	18.6	18.1	17.7	17.3	16.9	16.5	16.0	15.5	15.1	14.6	14.2	13.7	13.2	12.9	12.5	12.2	12.2	12.8	12.2	12.0	11.6	11.8	
Danville	Petit Jean	20	4.6	4.5	4.6	4.5	4.7	4.4	4.0	3.7	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.7	3.0	2.9	2.9	2.7	[illegible]	2.4	2.2	2.3	2.3	2.2	2.2	2.1	2.1	2.0	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	3.9	3.8	3.9	3.9	3.8	3.7	3.6	3.5	3.5	3.8	3.4	3.2	3.2	3.2	3.4	3.6	3.6	3.5	3.4	3.9	3.6	3.3	3.3	3.3	3.1	4.1	4.5	4.7	4.5	4.3	
Calico Rock	do	23	2.7	2.2	2.4	2.7	3.0	2.6	2.2	2.3	2.5	2.6	2.0	1.9	1.9	1.8	2.0	2.0	2.0	1.8	1.8	1.7	1.9	1.8	1.3	1.8	1.9	2.4	2.8	2.8	2.9	2.8	
Batesville	do	26	8.1	7.4	7.8	7.8	8.2	8.2	7.9	7.4	7.7	7.9	7.7	7.1	6.9	6.8	6.8	7.0	7.2	7.1	6.7	6.8	6.9	6.9	6.7	6.5	6.8	7.0	7.8	8.0	8.0	8.0	
Newport	do	20	7.6	7.3	6.8	7.0	7.3	7.3	7.3	6.8	6.2	6.2	6.2	5.8	5.2	5.0	4.9	4.7	4.7	4.7	4.9	4.9	4.8	4.8	4.7	4.5	4.5	4.5	4.5	4.9	4.9	4.9	
Georgetown	do	21	11.8	11.4	11.0	10.9	11.0	11.0	11.0	10.7	10.4	9.8	9.5	9.2	9.0	8.6	8.2	7.9	7.6	7.4	7.3	7.2	7.1	6.9	6.8	6.8	6.7	6.5	6.4	6.4	6.7	7.0	
De Valls Bluff	do	34	17.1	16.6	16.1	15.7	15.5	15.4	15.3	15.2	15.0	14.7	14.3	13.9	13.7	13.3	13.0	12.6	12.3	12.0	11.8	11.7	11.5	11.3	11.2	11.0	11.0	10.8	10.7	10.6	10.6	10.8	
Clarendon	do	12	21.8	21.5	21.1	20.7	20.3	20.0	19.8	19.6	19.4	19.1	18.6	18.2	17.8	17.4	17.0	16.6	16.2	15.8	15.4	15.2	14.9	14.7	14.4	14.2	14.0	13.9	13.7	13.5	13.5	13.6	
Gilbert	Buffalo	14	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	
Black Rock	Black	30	7.4	6.8	6.2	6.8	6.8	6.4	6.0	5.8	5.6	5.4	5.4	5.2	5.0	5.0	4.8	4.8	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.2	4.2	4.1	4.0	4.0	4.0	
Camden	Ouachita	28	10.0	9.2	9.7	10.0	9.7	8.7	7.3	6.9	6.8	7.0	6.8	6.3	6.0	5.8	5.8	5.8	5.7	5.5	5.1	5.0	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.7	
Fulton	Red	44	9.9	9.4	8.8	8.6	8.4	8.1	7.9	7.7	7.5	7.3	7.3	7.1	7.0	6.9	6.8	6.7	6.6	6.5	7.1	7.6	7.4	7.0	6.8	6.6	6.4	6.2	6.1	6.1	6.3	7.0	
Helena	Mississippi	48	31.6	30.6	29.6	28.6	27.6	26.6	25.9	25.6	25.6	25.6	25.6	25.8	24.9	24.5	24.1	23.6	23.1	22.7	22.1	21.5	21.1	21.0	20.8	20.4	20.1	19.8	19.4	18.9	18.4	18.2	
Arkansas City	do	43	37.6	37.0	36.3	35.4	34.4	33.4	32.3	31.3	30.6	30.2	29.7	29.4	28.9	28.6	28.1	27.6	27.0	26.4	25.8	25.0	24.0	23.8	23.5	23.2	22.9	22.6	22.2	21.8	21.4	21.0	

Daily Temperatures for April, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	65	75	79	79	83	79	89	76	86	88	84	84	83	85	69	78	82	79	81	79	85	89	73	72	76	65	83	80	72	80		79.3
	Minimum	37	53	52	51	44	47	51	48	49	54	55	55	53	56	60	61	59	59	51	53	55	45	52	51	45	47	51	57	59	60		52.3
Bentonville	Maximum	65	68	71	76	78	75	69	75	83	87	84	82	73	83	70	77	68	68	75	72	77	78	59	67	64	63	70	77	70	78		73.4
	Minimum	51	52	49	47	50	49	48	40	55	61	58	57	56	55	62	62	56	45	42	50	40	48	48	44	45	49	51	56	59	62		51.6
Bee Branch	Maximum	69	68	76	75	80	79	75	74	79	88	87	84	83	82	80	78	79	76	75	74	79	84	84	70	70	67	80	83	80	80		77.9
	Minimum	47	53	49	48	43	49	47	38	46	48	50	48	50	56	55	58	60	46	44	51	45	47	43	40	42	48	49	52	57	55		48.8
Blytheville	Maximum	66	65	67	65	79	78	71	70	78	89	88	87	88	83	82	84	82	81	79	74	75	76	72	77	73	68	61	88	84	83		77.1
	Minimum	46	49	44	49	46	54	51	41	46	54	49	56	58	60	60	66	63	54	48	58	48	50	45	39	40	51	53	60	61	65		52.1
Booneville	Maximum	68	75	77	79	85	83	81	75	88	91	86	86	88	84	77	79	76	77	80	81	82	87	76	71	73	69	81	81	76	83		79.7
	Minimum	50	58	50	49	46	48	45	46	55	57	56	49	51	55	62	64	61	47	44	56	47	49	53	50	46	51	53	57	64	65		52.8
Brinkley	Maximum	66	72	78	75	83	79	80	73	82	89	87	86	86	85	80	83	84	78	78	79	80	88	77	70	71	66	83	87	82	84		79.7
	Minimum	49	57	54	49	41	51	45	36	45	50	53	48	30	60	55	63	61	46	44	53	51	44	45	44	40	52	52	54	59	57		49.6
Calico Rock§§	Maximum	70	67	75	73	83	74	74	74	80	94	89	88	86	84	79	81	85	75	77	72	78	79	59	71	69	63	80	84	77	81		77.4
	Minimum	27	52	50	42	39	40	39	33	87	44	49	46	47	54	57	59	65	44	40	42	45	46	46	41	86	39	49	50	52	56		45.5
Camden§§	Maximum	70	80	81	78	82	81	90	75	86	88	85	84	84	83	78	83	81	83	80	85	83	87	77	72	76	75	84	83	77	87		81.3
	Minimum	37	53	54	55	45	45	47	47	49	50	50	50	53	55	59	62	63	45	46	52	53	45	53	49	42	51	53	55	60	61		51.3
Center Point	Maximum	68	75	83	81	86	88	94	80	87	87	84	83	84	84	77	78	83	82	82	83	85	87	79	69	74	70	83	82	75	80		81.1
	Minimum	52	60	52	56	52	53	54	53	55	58	57	57	58	59	62	63	60	53	56	58	54	55	56	55	51	53	54	62	63	60		56.4
Conway	Maximum	69	74	78	77	85	80	81	78	82	90	87	86	86	86	81	81	81	79	77	77	79	94	63	71	72	70	82	87	80	82		79.8
	Minimum	52	58	55	51	45	51	50	41	48	52	56	50	56	59	60	63	63	50	45	55	49	48	47	46	45	51	50	57	60	57		52.3
Corning	Maximum	67	66	73	72	76	77	73	71	77	90	89	87	85	80	81	80	80	80	76	73	72	70	67	72	66	62	77	85	81	85		76.3
	Minimum	51	44	49	46	41	50	47	36	46	53	55	52	53	60	60	62	61	50	44	53	42	47	43	36	34	49	55	51	56	57		49.4
Dardanelle	Maximum	70	71	80	79	86	82	84	78	86	94	89	88	87	87	85	80	79	80	85	77	82	89	82	72	72	73	82	84	81	82		81.5
	Minimum	49	57	50	49	47	53	45	44	51	52	54	51	55	58	63	62	63	50	46	55	48	49	50	46	47	53	53	57	62	60		52.6
Dumas	Maximum	67	80	77	75	80	76	81	74	84	85	84	85	85	82	82	85	82	77	82	84	76	83	71	72	75	72	78	85	78	87		79.5
	Minimum	49	49	57	53	47	51	50	42	51	54	54	53	54	54	59	66	63	50	49	48	55	46	54	49	44	53	54	57	60	58		52.8
Dutten	Maximum	62	64	71	74	78	73	72	73	80	85	83	81	79	80	73	72	71	71	72	70	74	80	72	68	63	61	71	78	70	77		73.3
	Minimum	49	50	40	38	35	36	36	32	50	49	49	45	46	47	56	58	52	37	34	49	35	38	49	38	36	42	45	49	57	59		44.5
El Dorado	Maximum	70	83	82	78	82	81	92	87	87	87	85	82	83	82	77	81	79	82	80	85	83	87	79	71	78	81	84	85	78	87		81.9
	Minimum	52	61	60	60	48	54	53	52	55	56	54	55	56	62	61	66	64	51	52	52	58	51	60	51	48	58	61	60	65	61		56.6
Eureka Springs	Maximum	64	68	75	78	79	78	73	78	88	88	86	84	77	82	75	76	72	70	77	73	79	78	74	68	64	65	71	79	73	78		75.7
	Minimum	54	49	50	48	53	48	54	43	52	65	66	62	60	55	63	59	59	44	45	52	42	52	44	44	45	45	52	55	60	62		52.7
Fayetteville	Maximum	65	68	73	76	77	76	74	77	83	87	84	81	74	81	78	75	73	69	76	73	75	80	73	68	68	65	71	78	72	79		75.1
	Minimum	53	53	49	44	47	45	47	40	55	61	61	55	56	62	62	60	57	43	40	54	41	53	52	45	43	49	52	54	62	62		51.9
Fort Smith	Maximum	67	70	79	79	84	79	81	74	85	90	85	84	80	83	72	81	73	75	79	77	82	81	65	68	69	58	75	81	74	82		77.1
	Minimum	53	60	51	55	55	51	50	49	55	60	61	57	58	58	62	63	58	55	51	56	50	57	53	52	52	49	52	60	63	64		55.7
Grannis	Maximum	65	74	80	80	86	82	91	75	86	86	82	81	81	83	76	77	80	81	79	85	85	85	79	68	73	66	79	79	75	78		79.2
	Minimum	49	56	42	50	41	44	44	50	47	45	45	45	46	50	56	59	60	43	44	52	50	42	56	45	41	49	51	57	60	60		49.3
Gravette	Maximum	65	69	72	77	79	77	75	75	83	87	81	82	76	82	76	77	71	68	74	70	78	77	68	64	62	69	72	76	72	77		74.5
	Minimum	52	47	49	48	47	41	43	41	54	62	61	57	59	54	63	61	52	40	41	53	39	49	44	48	49	52	56	56	59	61		51.2
Helena	Maximum	81	73	77	70	81	76	79	70	80	87	84	85	84	83	80	84	78	75	76	82	78	85	70	73	53	66	78	85	82	81		78.0
	Minimum	58	58	53	52	42	47	49	38	50	59	58	58	54	58	59	66	63	49	49	52	55	46	52	46	45	52	54	56	62	52		53.1
Hope	Maximum	71	82	88	85	86	90	94	84	92	97	93	92	88	89	76	84	85	86	84	87	86	92	81	81	66	78	85	91	70	89		85.1
	Minimum	53	60	52	56	45	51	51	49	49	49	52	55	58	59	62	64	56	46	56	54	51	47	49	49	45	56	57	59	65	57		53.7
Hot Springs	Maximum	63	75	79	77	84	78	86	76	78	88	85	83	84	84	77	79	81	79	83	79	77	78	72	71	73	70	84	83	74	84		78.8
	Minimum	54	58	52	50	53	49	54	49	54	56	67	57	56	51	58	59	59	55	47	46	47	48	49	50	44	50	52	56	51	59		53.0
Jonesboro	Maximum	65	64	72	67	67	78	69	60	68	78	88	87	86	86	80	82	81	76	78	76	75	73	70	71	67	67	77	86	81	84		75.3
	Minimum	53	49	52	51	44	44	55	43	47	54	55	59	60	58	60	63	61	55	47	48	47	53	43	40	40	51	55	56	58	60		52.0
Lead Hill	Maximum	68	69	75	75	79	75	71	73	86	92	90	87	83	84	78	79	79	71	78	75	78	80	72	71	69	63	77	83	76	82		77.3
	Minimum	41	30	48	39	38	38	39	32	46	42	41	44	48	56	56	56	58	46	37	52	40	44	45	41	36	47	49	50	63	57		45.3
Little Rock	Maximum	64	73	76	75	82	78	77	71	81	90	85	84	83	83	73	81	81	76	76	76	76	84	61	69	69	64	80	83	75	81		76.9
	Minimum	52	61	56	56	51	57	53	51	51	59	60	60	58	59	62	66	64	54	55	58	54	54	45	48	46	50	54	60	62	60		55.9
Lutherville	Maximum	63	67	91	77	83	77	78	72	81	91	87	85	83	83	75	76	74	76	77	71	80	82	73	71	69	63	80	82	75	73		77.3
	Minimum	51	56	51	54	43	53	53	45	51	55	54	55	56	56	63	60	62	51	51	52	48	52	49	45	46	50	50	58	63	60		53.1
Magnolia	Maximum	70	82	79	80	80	80	90	87	86	87	83	84	83	82	78	81	81	80	80	84	83	87	86	75	77	77	86	84	83	85		82.0
	Minimum	52	59	55	59	47	49	50	52	56	55	56	53	57	61	62	65	60	48	54	55	56	50	59	50	47	56	61	59	60	61		55.5
Malvern	Maximum	68	77	82	79	88	83	89	76	88	90	86	85	85	86	77	82	83	83	82	82	86	88	78	75	75	70	86	85	78	86		81.9
	Minimum	51	60	56	53	42	44	42	45	45	49	50	47	49	56	58	61	59	45	45	56	48	44	51	49	42	50	51	55	60	58		50.7
Marianna	Maximum	64	71	75	71	79	76	76	71	79	86	83	83	83	83	78	81	78	75	75	77	77	84	77	68	69	65	83	83	80	80		77.0
	Minimum	44	57	57	50	44	50	50	40	49	59	58	57	57	57	61	66	63	52	48	55	55	48	46	45	44	54	56	56	61	62		53.4
Marshall	Maximum	65	66	73	72	81	78	76	72	80	90	88	86	82	84	79	78	80	74	76	72	76	81	75	68	68	63	75	82	76	79		76.6
	Minimum	51	54	48	43	49	42	43	35	41	64	59	54	50	57	54	63	66	48	39	52	41	48	43	40	37	47	51	60	60	61		50.0
Mena	Maximum	62	74	75	79	82	78	88	76	87	89	84	84	83	86	72	76	76	76	81	81	79	87	78	69	72	64	79	80	75	83		78.5
	Minimum	52	60	47	52	50	51	51	50	50	58	56	55	56	56	61	61	62	49	52	59	46	48	55	47	46	49	53	57	63	63		53.8
Mount Ida	Maximum	64	74	78	79	85	81	89	85	76	89	89	85	84	85	76	80	82	79	79	80	83	86	73	71	74	63	81	80	74	80		79.5
	Minimum	54	59	43	45	37	39	40	40	36	44	55	65	45	53	60	59	57	39	39	55	43	39	50	48	38	50	52	51	60	61		48.5
Newport	Maximum	67	65	77	72	80	75	78	73	80	90	87	87	87	85	78	78	83	80	79	71	81	81	69	74	72	65	79	85	79	79		77.9
	Minimum	50	52	51	47	44	55	47	39	45	53	55	51	51	61	57	63	63	51	47	55	47	48	43	41	39	51	50	54	60	58		51.0
Pine Bluff	Maximum	68	81	81	78	81	79	83	75	86	89	86	85	84	84	75	84	84	78	77	84	77	85	76	70	73	68	80	88	76	83		79.9
	Minimum	52	60	56	55	48	53	51	47	48	57	58	55	55	55	62	65	65	51	53	55	56	50	54	50	48	55	53	59	62	59		54.9
Pocahontas	Maximum	70	62	74	72	74	76	76	72	77	89	87	86	86	83	79	79	82	81	77	75	77	76	71	70	68	65	75	85	83	84		77.0
	Minimum	55	45	50	50	45	55	46	40	44	49	51	50	51	61	55	59	62	48	44	53	45	47	47	38	40	48	52	50	55	54		49.6
Portland	Maximum	70	80	78	75	82	80	90	77	84	89	88	87	87	84	79	85	84	83	80	89	84	89	78	73	76	77	89	84	80	86		82.2
	Minimum	47	57	60	58	46	54	46	47	47	54	53	54	53	54	57	65	64	54	50	49	56	47	55	52	48	53	55	59	61	58		53.6
Prescott	Maximum	81	80	84	82	84	86	88	85	89	90	87	86	86	87	80	82	86	87	89	89	87	89	81	83	82	84	89	85	79	85		85.1
	Minimum	46	58	54	56	58	49	53	49	48	51	56	54	55	54	62	63	58	48	51	54	61	58	50	49	45	47	59	60	63	59		54.3
Rison	Maximum	67	78	81	78	82	79	87	77	86	88	86	85	85	84	79	83	86	82	81	84	83	89	82	75	77	75	83	86	80	87		81.8
	Minimum	57	60	58	55	46	58	52	45	49	58	56	54	54	60	58	64	63	49	48	54	49	48	55	48	45	54	53	56	61	58		53.9
Searcy	Maximum	64	68	76	74	81	76	75	71	80	88	86	85	84	83	77	79	84	79	76	75	79	87	70	71	70	65	80	84	76	83		77.5
	Minimum	45	54	49	49	49	49	45	38	42	49	50	49	50	57	54	61	62	46	46	55	47	46	45	43	44	51	50	51	55	53		49.5
Stuttgart	Maximum	67	75	72	75	83	77	78	73	81	89	85	85	83	83	78	84	84	88	78	79	78	86	79	71	74	68	82	85	78	85		79.4
	Minimum	50	64	54	51	46	51	51	40	48	55	55	53	54	54	58	65	54	47	44	53	51	46	54	45	41	53	53	68	62	58		52.6
Texarkana	Maximum	70	80	83	80	85	83	94	80	88	88	84	82	83	84	76	82	84	84	83	86	85	87	88	68	78	78	84	82	78	90		82.6
	Minimum	52	54	55	59	53	53	52	45	50	51	50	50	53	52	54	53	54	52	52	57	53	56	57	50	47	54	53	61	60	59		53.4
Thornburg	Maximum	61	68	75	75	82	78	78	72	83	89	84	83	82	84	74	78	79	76	77	78	78	85	65	69	72	63	83	82	76	79		76.9
	Minimum	52	51	59	43	37	41	40	30	42	50	58	44	45	52	58	63	61	40	35	53	45	39	45	39	34	47	51	51	55	61		47.4
Warren	Maximum	68	77	77	75	80	78	86	80	82	86	84	83	82	82	82	80	77	78	77	86	80	83	81	74	74	73	79	81	79	73		79.4
	Minimum	52	61	60	58	49	58	56	50	52	57	55	54	56	53	58	60	59	52	51	56	59	50	55	50	45	53	55	57	61	62		55.1
Wilson	Maximum	69	66	68	67	76	78	73	69	76	87	86	86	85	82	80	82	78	78	76	72	75	76	75	70	69	65	79	84	82	82		76.4
	Minimum	49	55	51	47	39	50	50	37	45	56	57	56	57	60	60	65	62	53	45	51	45	47	45	35	37	50	55	55	57	52		51.1
Wynne	Maximum	62	60	74	70	75	78	74	70	78	87	81	84	82	82	80	80	80	74	74	72	73	82	69	70	66	66	77	82	82	81		75.5
	Minimum	48	56	55	50	41	40	48	36	37	59	60	56	56	61	62	65	61	49	47	56	48	47	45	41	43	48	52	59	64	61		51.7

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark., 5-23-30--980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., MAY, 1930 No. 5

GENERAL SUMMARY

Monthly precipitation totals thus far this year have shown wide variations. January was, with but one exception, the wettest January in Arkansas since State-wide records began. April was the driest April on record and was followed by May with the greatest total for that month recorded during the past 40 years. There was no rain in the State the first day of the month, but thereafter showers were of daily occurrence in almost all sections until the 18th. Practically no rain fell after the 18th except on the 23d when moderate showers were general. Totals for the 10th and 17th were excessively heavy, four to seven inches being measured at several stations. New excessive records for 10 and 15 minute periods were established at Little Rock on the 10th, 1.01 inches being recorded in 10 minutes and 1.35 inches in 15 minutes. These rains caused flood stages on all the streams of the State. Lowlands were flooded, crops had to be re-planted, and construction work on highways and bridges was halted in some localities. Highway No. 70 was closed near Brasfield.

The average precipitation for the State, as determined from the records of 91 stations, was 10.06 inches which is 5.04 inches above normal, all stations except Rogers showing positive departures. Monthly totals ranged from 18.51 inches at Hot Springs to 3.86 inches at Corning (river). There were 47 stations reporting monthly totals exceeding 10 inches. The greatest amount for any 24-hour period was 7.85 inches, measured at Index on the morning of the 18th. Despite the fact that the monthly total is the largest on record for May, the number of clear days was one more than normal, the number of rainy days only four above normal, and the percentage of possible sunshine was practically normal.

The mean temperature, as determined from the records of 62 stations, was 68.8° which is 0.2° below normal. Eighteen stations, principally in the southern half of the State, showed positive departures. Negative departures were recorded at all others. Monthly means ranged from 62.4° at Winslow to 72.8° at Portland, a difference of 10.4° between northwestern and southeastern sections of the State. The highest temperature recorded was 95° at Dumas on the 27th. The lowest temperature was 34° at Dutton on the 31st. The lowest occurred in most sections the last of the month, but the highest occurred the opening days in many localities. The greatest daily range was 41° at Harrison and Lead Hill on the 31st.

Cotton planting was completed in the southern part of the State early in the month and by the middle of the month most of the crop had been planted, but the excessively heavy rains of the 10th and 17th beat the ground until that which had not come up had to be re-planted. In many localities land was badly washed and the crop submerged so abandoning or replanting was necessary. The weather was too cool for cotton to grow rapidly and at the close of the month the plants were small and fields grassy, but cultivation was under way. Corn made very good progress and was in good condition except where flooded.

W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---1st, 1; 2d, 34; 3d, 29; 4th, 23; 5th, 14; 6th, 35; 7th, 22; 8th, 32; 9th, 49; 10th, 56; 11th, 9; 12th, 3; 13th, 16; 14th, 2; 15th, 30; 16th, 29; 17th, 39; 18th, 37; 19th, 13; 22d, 7; 23d, 24; 24th, 1; 25th, 1; 26th, 1; 27th, 1; 28th, 1; 29th, 9; 30th, 1.

LUNAR HALOS:-----5th, 1; 6th, 1; 15th, 1.

SOLAR HALOS:-----1st, 1; 9th, 1; 14th, 1; 15th, 1; 28th, 1.

DENSE FOGS:-----15th, 1; 19th, 1; 20th, 1; 26th, 1.

Heavy Hail 18th at Helena, slight damage.

Moderate Hail 29th at Thornburg, slight damage.

Straight Winds: Higden 7th, damage to barns and small buildings. Booneville 10th, damage estimated $1,000.

Tornadoes: Marion 18th, sw to ne, destructive path 1-4 mile, killed 4, injured 8, property damage $7,500.
Starting near Tichnor moving northeastward near Lambrook, Elaine, and Wabash, killed 14, injured 34, property damage $14,500.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.94	30.42	24	29.48	7	3.940	40	se.	8	......	......	76
Fort Smith	29.96	30.39	25	29.52	6	5.139	36	nw,	22	82	63	63
Little Rock	29.99	30.40	25	29.65	7	5.447	29	e.	10	82	60	61
Memphis	30.01	30.40	25	29.71	7	4,360	30	w.	10	77	64	64

COMPARATIVE DATA FOR MAY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**69.0**		**107**		**24**		**5.02**		**13**	**10**	**8**	**8**
1891	67.0	−2.0	97	30	36	7	2.78	−2.24	15	9	7	7
1892	67.8	−1.2	95	4	36	22	9.52	+4.50	8	11	12	13
1893	68.6	−0.4	94	19	38	2	9.71	+4.69	14	8	9	11
1894	70.1	+1.1	95	27	35	20	3.40	−1.62	12	12	7	7
1895	69.0	0.0	97	30	36	13	3.91	−1.11	13	11	7	8
1896	74.3	+5.3	98	8	46	2	3.54	−1.48	15	10	6	7
1897	68.3	−0.7	99	28	33	26	2.13	−2.89	17	9	5	5
1898	72.1	+3.1	100	29	30	7	6.44	+1.42	16	9	6	7
1899	72.9	+3.9	96	15	44	5	6.45	+1.43	10	12	9	10
1900	69.3	+0.3	97	15	37	4	3.69	−1.33	12	12	7	9
1901	68.2	−0.8	100	2	31	26	2.95	−2.07	12	13	6	7
1902	73.2	+4.2	100	22	42	1	4.34	−0.68	12	12	7	8
1903	67.5	−1.5	96	23	24	1	7.47	+2.45	9	11	11	12
1904	67.1	−1.9	98	23	31	12	3.39	−1.63	13	12	6	8
1905	70.7	+1.7	98	31	38	1	9.58	+4.56	9	11	11	12
1906	68.8	−0.2	100	30	28	9	4.71	−0.31	15	8	8	8
1907	63.8	−5.2	91	23	31	15	9.48	+4.46	7	13	11	13
1908	70.0	+1.0	96	23	30	8	7.05	+2.03	8	13	10	10
1909	67.0	−2.0	92	5	28	2	6.76	+1.74	14	9	8	10
1910	66.0	−3.0	95	30	31	7	6.56	+1.54	12	10	9	11
1911	70.8	+1.8	101	28	26	2	1.11	−3.91	19	10	2	3
1912	69.9	+0.9	98	24	32	17	2.41	−2.61	15	11	5	6
1913	69.3	+0.3	99	31	35	7	3.32	−1.70	16	10	5	7
1914	69.5	+0.5	97	31	34	9	3.34	−1.68	12	13	6	6
1915	69.9	+0.9	101	14	34	8	5.58	+0.56	12	9	10	9
1916	71.6	+2.6	99	28	34	16	3.56	−1.46	18	7	6	6
1917	63.5	−5.5	97	26	31	1	3.15	−1.87	15	7	9	6
1918	72.2	+3.2	102	30	29	1	3.01	−2.01	17	8	6	4
1919	66.8	−2.2	96	31	38	21	6.01	+0.99	9	9	13	12
1920	70 8	+1.8	96	24	39	14	8.17	+2.95	11	9	11	12
1921	69.7	+0.7	99	31	29	3	2.25	−2.77	18	8	5	5
1922	70.8	+1.8	100	11	40	1	5.00	−0.02	12	10	9	11
1923	67.2	−1.8	98	20	27	9	8.24	+3 22	11	8	12	12
1924	64.6	−4.4	94	18	30	11	4.64	−0.38	15	8	8	8
1925	68.0	−1.0	102	30	26	1	1.88	−3.14	17	7	7	4
1926	69.7	+0.7	107	29	29	15	2.42	−2.60	17	8	6	5
1927	71.7	+2.7	97	29	32	16	6.54	+1.52	12	9	10	9
1928	69.5	+0.5	98	10	34	8	3.60	−1.42	17	7	7	8
1929	67 6	−1.4	97	31	30	3	6.31	+1.29	9	9	13	13
1930	68.8	−0.2	95	27	34	31	10.06	+5.04	14	7	10	12

Climatological Data for May, 1930

Stations	Counties	Elevation, feet	Length of record, years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	69.0	-0.4	85	27†	49	24	32	11.67	+6.05	2.93	0.0	12	10	12	9	s.	J. W. Campbell
Arkadelphia	Clark	250	34	....	....	....	....	....	....	....	15.85	+10.43	3.37	0.0	14	17	1	13	s.	W. K. Bown
Arkansas City	Desha	145	46	....	....	....	....	....	....	....	13.25	+8.67	5.00	0.0	11	11	7	13	....	J. H. Catham
Arlberg	Stone	700	8	....	....	....	....	....	....	....	8.65	....	1.87	0.0	10	11	14	6	ne.	J. D. Reeves
Batesville	Independence	277	31	66.2	-1.6	85	1†	39	31	37	6.54	+1.65	1.54	0.0	11	21	2	8	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	66.8	-1.8	85	1	43	31	34	8.90	+4.09	2.90	0.0	13	10	11	10	s.	J. E. Scanlan
Bentonville	Benton	1303	25	64.7	-1.7	82	8	43	31	33	5.82	+0.60	1.72	0.0	13	21	5	5	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	....	....	....	....	....	....	....	7.20	+2.27	2.24	0.0	13	20	3	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	5	71.0	....	87	1†	48	31	33	5.35	....	1.31	0.0	12	13	10	8	s.	B. E. Smith
Booneville	Logan	465	16	68.6	-2.5	87	29	46	24†	33	10.40	+5.72	2.84	0.0	14	14	6	11	e.	F. H. Randolph
Brinkley	Monroe	205	43	69.8	-0.2	89	28	45	25	34	9.64	+4.81	3.62	0.0	11	15	11	5	se.	R. J. Torry
Calico Rock	Izard	361	26	66.5	-0.4	88	1	41	31	36	5.75	+1.30	1.71	0.0	12	9	18	4	se.	W. J. Copp
Camden	Ouachita	158	45	71.0	-0.2	89	28†	49	31	31	17.68	+13.24	6.33	0.0	12	12	3	16	s.	A. B. Quarterman
Center Point	Howard	470	31	70.7	-0.3	89	29	51	31	30	14.08	+7.80	4.90	0.0	15	11	8	12	se.	John C. Floyd
Clarendon	Monroe	200	26	....	....	....	....	....	....	....	9.22	+4.16	2.97	0.0	14	17	2	12	s.	J. W. Bishop
Clinton	Van Buren	516	9	....	....	....	....	....	....	....	9.28	....	3.71	0.0	11	12	12	7	nw.	A. L. Stephens
Conway	Faulkner	309	47	70.2	+0.1	87	1†	46	31	35	8.07	+3.34	2.49	0.0	16	17	9	5	e.	E. E. Cordrey
Corning	Clay	293	37	68.2	-0.3	89	1	41	31	35	5.08	+0.72	1.50	0.0	8	19	9	3	w.	Winfred D. Polk
Corning (river)	Clay	280	6	....	....	....	....	....	....	....	3.86	....	0.83	0.0	8	13	11	7	....	Henry Stafford
Cotter	Baxter	408	8	....	....	....	....	....	....	....	7.84	....	2.50	0.0	10	16	5	10	s.	Charles Turnipseed
Crossett	Ashley	175	15	72.5	+0.8	89	7	50	25†	33	9.59	+5.50	2.80	0.0	12	9	9	13	sw.	G. A. Gifford
Danville	Yell	327	14	....	....	....	....	....	....	....	9.36	+5.55	3.02	0.0	10	15	0	16	e.	C. G. Hudson
Dardanelle	Yell	330	44	70.0	+0.4	90	29	48	24†	32	9.32	+3.82	2.63	0.0	12	16	5	10	s.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	....	....	....	....	....	....	....	12.51	....	4.23	0.0	10	17	7	7	....	H. G. Pate
Dumas	Desha	162	24	72.6	+0.4	95	27	49	25†	40	13.19	+7.97	3.62	0.0	13	10	12	9	s.	Ben Johnson
Dutton ††	Madison	1590	27	62.8	-1.3	87	28	34	31	43	9.91	+3.47	3.92	0.0	14	12	10	9	s.	J. M. Ricketts
El Dorado	Union	270	29	72.2	+1.2	88	1	51	25	28	11.19	+6.64	5.20	0.0	11	7	5	19	se.	J. J. Babb
England	Lonoke	229	23	70.8	+0.7	88	28	45	31	33	11.15	+7.06	4.27	0.0	15	15	3	13	se.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	66.6	-0.2	84	8	46	31	30	6.36	+0.53	3.57	0.0	12	18	6	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	65.0	-1.2	82	1†	41	31	34	7.26	+1.65	2.51	0.0	13	14	11	6	s.	University of Arkansas
Fort Smith	Sebastian	457	49	68.8	-0.9	87	21	50	24	28	7.44	+2.62	1.69	0.0	14	13	7	11	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	6	....	....	....	....	....	....		11.46	....	2.45	0.0	13	18	2	11	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	44	....	....	....	....	....	....	....	13.82	+9.25	4.60	0.0	13	13	2	16	....	T. J. Logan
Georgetown	White	200	18	....	....	....	....	....	....	....	10.95	+7.02	2.94	0.0	12	16	4	11	....	W. R. Owens
Gilbert	Searcy	675	7	....	....	....	....	....	....	.	7.71	....	2.33	0.0	13	8	20	3	....	Ben F. Battenfield
Grannis	Polk	900	11	67.0	-0.1	84	9†	43	21†	37	16.45	+10.04	3.82	0.0	16	12	12	7	e.	W. E. McVay
Gravette	Benton	1250	33	65.6	0.0	83	28	42	21	34	8.14	+2.62	2.63	0.0	11	13	11	7	se.	A. F. Stevens
Harrison	Boone	1052	29	65.4	0.0	91	8	38	31	41	6.03	+0.94	2.12	0.0	9	18	5	8	s.	Mrs. G. L Wright
Helena	Phillips	250	58	69.6	-1.2	88	1†	45	31	31	9.40	+4.91	2.00	0.0	10	14	3	14	ne.	James A. Burnett
Higden	Cleburne	445	12	....	....	....	....	....	....	....	8.02	....	2.04	0.0	13	15	5	11	s.	Geo. W. Baker
Hope	Hempstead	377	59	72.0	+0.8	94	21	48	25†	37	14.96	+9.75	6.61	0.0	15	13	6	12	sw.	N. P. O'Neal
Hot Springs	Garland	600	39	69.5	-0.3	87	1	47	25	33	18.51	+12.86	3.81	0.0	13	16	12	3	....	G. C. Bolton
Index ‡‡	Little River	275	5	....	....	....	....	....	....	....	16.[illegible]	....	7.85	0.0	15	9	0	22	....	H. G. Sanderson
Jessieville	Garland	750	4	....	....	....	....	....	....	....	10.56	....	2.56	0.0	13	13	7	11	....	U. S. Forest Service
Jonesboro	Craighead	345	35	68.8	-1.0	87	1	45	31	33	5.54	+1.61	1.35	0.0	12	20	5	6	sw.	Benedictine Sisters
Junction ‡‡	Union	182	36	71.2	-0.6	90	1	47	27	33	10.86	+6.30	4.10	0.0	8	16	5	10	sw.	J. A. Lowderback
Lead Hill	Boone	650	3	65.9	....	87	1†	37	31	41	4.7[illegible]	....	2.[illegible]3	0.0	10	20	2	9	sw.	J. H. Crosswhite
Little Rock	Pulaski	357	51	69.9	-0.4	85	28	54	31	25	1[illegible].12	+6.34	3.79	0.0	14	13	5	13	s.	U. S. Weather Bureau
Lurton	Newton	2100	5	62.8a	....	80a	1†	40a	31	30a	10.[illegible]5	....	3.10	0.0	14	16a	7a	7a	n.	I. C Sutton
Lutherville ‡‡	Johnson	775	32	67.4	-0.9	85	1†	45	24	31	10.93	+5.85	4.83	0.0	13	14	2	15	se.	H. G. Lenhardt
Magnolia	Columbia	315	11	72.2	+0.7	87	1†	51	30	30	16.78	+11.87	6.50	0.0	12	9	13	9	ne.	State Agri. School
Malvern	Hot Springs	277	43	70.6	+0.7	90	7†	46	25	37	12.5[illegible]	+7.94	2.05	0.0	11	16	7	8	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	67.0	+0.8	90	13	42	31	35	6.[illegible]	+2.27	1.52	0.0	8	19	8	4	s.	S. F. Whittaker
Marianna	Lee	235	18	70.6	+0.4	87	1	49	25†	30	5.50	+0.67	2.30	0.0	10	18	6	7	s.	C. N. Houck
Marked Tree	Poinsett	229	25	68.1	-1.2	87	28	44	31	35	10.56	+6.11	3.25	0.0	9	15	14	2	n.	Charles Walton
Marshall	Searcy	1070	16	65.8	-1.4	89	22	40	31	35	12.92	+6.80	5.42	0.0	13	17	4	10	sw.	A. J. Parks
Mena	Polk	1185	42	67.7	-1.2	85	21†	45	31	31	11.9[illegible]	+5.4[illegible]	1.99	0.0	13	14	6	11	nw.	E. W. St. John
Morrilton	Conway	347	9	68.8	....	86	28†	51	24†	30	8.50	....	2.92	0.0	10	13	8	10	se.	John Cook
Mountain Home	Baxter	800	16	66.0	+0.1	87	8	41	31	36	6.22	+0.76	3.06	0.0	11	15	2	14	w.	B. S. Halbert
Mount Ida	Montgomery	650	31	67.0	-1.3	87	14†	40	31	39	11.25	+8.46	3.42	0.0	14	13	6	12	sw.	G. A. Whittington
Newport	Jackson	231	46	69.0	-1.0	88	1†	46	31	33	8.16	+3.89	1.77	0.0	12	15	8	8	n.	A. C. Wilkerson
Norman	Montgomery	750	3	....	....	....	....	....	....	....	11.93	....	4.31	0.0	5	11	12	8	....	U. S. Forest Service
Oden	Montgomery	800	4	....	....	....	....	....	....	....	10.28	....	2.61	0.0	6	15	4	12	....	U. S. Forest Service
Okay	Howard	288	1	71.1	.	87	29	52	12†	30	10.01	....	2.52	0.0	18	10	9	12	s.	Frank K. Hensley
Osceola	Mississippi	240	32	70.2	+0.6	90	2	49	25	3[illegible]	10.00	+5.82	3.25	0.0	7	15	8	8	s.	June Thomason
Ozark	Franklin	396	34	67.2	-3.2	89	26	43	4	40	8.33	+2.79	1.47	0.0	14	16	2	13	e.	Orkney O. Milton
Paragould	Greene	301	4	....	....	....	....	....	....	....	5.74	....	2.71	0.0	10	19	5	7	s.	W. R. Hengler
Patterson	Woodruff	196	14	....	....	....	....	....	....	....	9.61	+4.97	3.60	0.0	8	20	1	10	s.	W. E. Baker
Piggott	Clay	307	6	....	....	....	....	....	....	....	4.46	....	1.60	0.0	11	17	9	5	sw.	V. C. Wright
Pine Bluff	Jefferson	215	43	71.0	-1.0	87	5	52	24†	27	14.2[illegible]	+9.70	3.60	0.0	15	13	7	11	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	68.4	-0.2	87	1	45	25	33	5.72	+1.23	2.20	0.0	12	7	14	10	n.	Benedictine Sisters
Portland	Ashley	122	24	72.8	+1.5	89	22†	51	31	30	9.8[illegible]	+3.53	4.70	0.0	10	9	11	11	sw.	W. E. Edmiston
Prescott	Nevada	329	42	72.6	+2.4	91	22	50	26	35	12.91	+7.91	4.52	0.0	14	11	2	15	w.	C. D. Calhoun
Princeton	Dallas	287	24	....	....	....	....	....	....	....	13.7[illegible]	+8.53	4.07	0.0	12	11	7	13	....	Mrs. Dora Coleman
Rison	Cleveland	243	29	72.2	+1.2	89	29	49	24†	30	13.5[illegible]	+9.85	2.96	0.0	10	14	11	6	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	65.6	-0.5	85	8	40	31	37	4.2[illegible]	-0.96	1.74	0.0	10	16	9	6	sw.	Carl A. Starck
St. Charles	Arkansas	175	1	68.0	...	80	4†	50	25	27	9.5[illegible]	....	4.00	0.0	10	16	9	6	s.	Ballard Deane
St. Francis	Clay	290	2	....	....	....	....	....	....	....	5.03	....	1.52	0.0	10	16	8	7	....	S. T. Rooney
Searcy	White	236	21	68.4	-0.3	87	1	47	31	31	9.1[illegible]	+4.33	2.18	0.0	11	19	4	8	se.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	....	....	....	....	....	....	....	15.41	+11.17	4.17	0.0	13	11	4	16	....	Miss Grace Field
Story	Montgomery	700	6	....	....	....	....	....	....	....	10.2[illegible]	..	2.52	0.0	11	15	5	11	n.	S. C. Story
Stuttgart	Arkansas	228	43	70.9	+1.0	89	28	48	25†	31	11.6[illegible]	+6.94	3.14	0.0	12	14	7	10	s.	Adam F. Buerkle
Subiaco	Logan	1050	33	69.4	-0.6	89	28	47	24	32	8.[illegible]9	+2.51	2.65	0.0	14	14	4	13	s.	New Subiaco Abbey
Texarkana	Miller	332	44	70.2	-1.4	91	28	50	25†	31	15.35	+11.25	5.10	0.0	13	11	4	13	s.	H. S. Brashear
Thornburg	Perry	650	6	65.1	....	84	1†	37	31	39	11.4[illegible]	....	2.65	0.0	17	13	8	10	s.	Edward E. Holmes
Waldron	Scott	675	11	....	....	....	....	....	....	....	10.16	+4.68	2.10	0.0	10	12	3	16	sw.	Dr. Cheves Bevill
Warren	Bradley	206	36	72.2	+1.2	88	27	51	25†	33	13.89	+9.30	2.40	0.0	11	12	11	8	se.	Miss Evelyn Hoyle
Waters	Montgomery	500	6	....	....	....	....	....	....	....	14.85	....	2.76	0.0	9	11	7	13	sw.	J. R. Huddleston
Whitecliffs	Little River	290	26	....	....	....	....	....	....	....	7.76	+2.86	1.85	0.0	12	14	3	14	se.	Nannie O. Schirmer
Wilson	Mississippi	237	5	69.6	...	88	28	45	25	34	10.59	....	5.57	0.0	10	16	5	10	s.	D. O. Anderso
Winslow	Washington	1734	15	62.4	-2.8	80	1	39	24†	33	9.42	+2.12	3.20	0.0	17	13	9	9	s.	J. D. Black
Wynne	Cross	250	22	68.4	-2.0	85	1	40	24	35	10.1[illegible]	+5.69	3.30	0.0	7	13	11	7	s.	R. T. Cobbs
Yancopin	Desha	167	6	....	....	....	....	....	....	....	11.[illegible]0	....	2.94	0.0	13	16	2	13	....	W. E Barton
State Means	and Extremes			68.8	-0.2	95	27	37	31	41	10.16	+5.04	7.85	0.0	12	14	7	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Freeman Springs, Simpson; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for May, 1930

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita			2.93	.67			1.00		1.09	.09	1.04		.22			1.35	55	1.36	.44				.93									11.67
Arkadelphia	Ouachita			2.60	.46			.62		1.75	.15	.70		90	.22		1.35	1.37	3.37	1.86				.20							.40		15.85
Arkansas City	Mississippi			.79	T.			T.	.44	5.00	.61	.70		T.	.40		.66	1.09	1.63	1.72					.21					T.			13.25
Arlberg	White		.53	.32			.67			1.85	1.87	1.44						.35	.27	20				1.15									8.65
Batesville	White			.24	.39			.24		1.24	1.54	.78			.16		T.	.06	.88	.54				.47									6.54
Bee Branch	Arkansas		.40	1.65			.22	45		1.45	2 90			.05		.05	.05	.37	.73	.10				.48						T.			8.90
Bentonville***	Arkansas		.15	.28	.41	.13	.93		.52	.20	1.52			.38		.15		.51					.30	.34									5.82
Black Rock	White			.15	1.13	.04		.16		.62	2.24	.87		.04	.03			.02	.60	.64				.66	T.								7.20
Blytheville	Mississippi			.02	.01	.10		.34		.57	.67	.40		.81				.80	.81	1.31			.01										5.35
Booneville	Arkansas		1.06	T.	.65	04	1.62		1.51		2.84			.02		.40	.33	.05	.31	.06				1.47						.04			10 40
Brinkley	White			.28	.22			.47		25	.32	1.70		.06			.04	.25	3.62	2.43													9.64
Calico Rock	White			.07	.16	.07	T.	.41		.56	1.71	1.24		T.	T.		T.	.42	.30	.15				.63	.03								5.76
Camden	Ouachita				.03			.85	.05	2.55		.97		.49	.14		.68	4.25	6.33	1.21				.13									17.68
Center Point	Red		.29	4.90	.63		1.50	.61	.02	.54	1.07			.31		.10	1.31	.87	1.17					.70						.06			14.08
Clarendon	White			.31	.29		.01	.62		.14	.12	1.94		.20	.06		.08	.40	2.97	2.06				.02									9 22
Clinton	White		.41	.70			.24	.32		1.83	3 71					.05		.14	.43	.17				1.28									9.28
Conway	Arkansas		.28	.40		.18	.19	.75	.35	.21	2.49	.18		15		.11	.22	19	1.80					.51						.06			8.07
Corning	White			.85	.30			.20		.38	1.50	.85							.57	.43													5,08
Corning (river)	White			.74	.25	T.		.23		.43	.35			T.				T.	.53	.50					.83								3.86
Cotter	White			.05	54	T.		1.15		.38	2.50	2.05		.04			T.	T.	.18	.40				.55									7.84
Crossett	Ouachita			.03				.58		1.25	.02	1.26		T.	.65		1.54	2.80	.10	1.20			T.	.12							.04		9.59
Danville	Arkansas			.81	.46			1.02		.09	1 79	3.02					.44	.16	.63					.94									9.36
Dardanelle	Arkansas		1.65		.43		.90			.30	1.71	2 63			.03	.30			.43	.20				.73	.01								9.32
De Valls Bluff	White			.40	.55		T.	.48		.66		2.90		.12			.05	.38	4.23	2.74				T.									12.51
Dumas	Mississippi			.15	.04		.75	.65	3.62			.05	1.80		.03		.45	.90	3.31	1.07									T.		.37		13.19
Dutton	White			.30	.73		.25	1.15	.14	.40	3.92			.16	.22	.11	.36	.01		.30				1.86						T			9.91
El Dorado	Ouachita			.01				1.07		.85		1.00		.12	.22		1.20	5.20	.12	1.30				.10									11.19
England	Arkansas		.10	.30	.12		.01	.45	.12	1.75	2.14	.08		.34		.16	.03	1.08	4.27					.20									11.15
Eureka Springs	White		.10	.08	.52	05	.11	.62		.10	3.57			.22		.05		.44						.50									6.36
Fayetteville	White		.92	.02	.87	.09	.10	1.04		.12	2.51			.32		.20	T.	.54		.02				.51									7.26
Fort Smith***	Arkansas		.96	.84	T.	T	.89	T.	.59	.61	1.13		T.	04		.49	.13	.02	.57				.42	.28						.47			7.44
Freeman Sprgs.	Arkansas			.23	.53	.05		1.90		1.40	1.17	2.45					.20	1.91	.39	63				1.48	.02								11.46
Fulton	Red			.33	.21	T.	.03	1.45	.13	.03	T.	.93		.56			3.14	1 32	4.60	.60				.49									13 82
Georgetown	White			.57	.93			.15		1.85	1.08	1.92		.49			.04	.05	2.94	.90				.03									10.95
Gilbert	White			25	.57			1.10		.57	2.33	1.82			T.		.01	.13	.06	.04	.16			.61	.06								7.71
Grannis	Red		.86	3.82	.47	.83	.53	1.40	.27	.12	2.38		T.	.21		.34	2 15	.30	1.43	.07			T	1.27						T.			16.45
Gravette	Arkansas		.07	.15	.49		.09	.86		.17	1.69			1.10		.18		2.63						.71						T.			8.14
Harrison	White		T.	.88	.92			.80		.19	2.12			.35		.05		.18						.54									6.03
Helena	Mississippi				.15			.83		1.20	.36	.98			1.50		.04	.46	2.00	1.88													9.40
Higden	White		.32		.05		.23	.61		1.65	2.04	.60				.05		.21	.73	.15			.01	1.37									8.02
Hope	Red		.13	.35	.31	1.37		.05	.10	.04	1.27		.08	.57		.12	1.78	1.77	6.61					.41									14.96
Hot Springs	Ouachita		T		3.81	.76	.12	1.56	32	2.51	3.52	T.			.42	1.38	T.	1.22	2.14					.64						.11			18.51
Index	Red		T.	.30	.21		T.	1.15	.13	.13	.26	1.00	T.	.82	.08		1.70	1.05	7.85	.60				.78	.07								16.13
Jessieville	Ouachita		1.50	.30			1.02		.40	.55	2.56			.09		.50	.03	.36	1.58					.65						1.02			10.56
Jonesboro	White			.01	.50	.10		.42		.35	.80	1.35		.15	.02			T.	1.35	.62				.17									5.84
Junction	Ouachita					T.	T.	.94			.70			.55		68	2.40	4.10	1.17					.32						T.			10.86
Lead Hill	White		T.	T	31	.02	.04	.72		.08	2.23			35		.01		.31	T.	T.				.67									4.74
Little Rock***	Arkansas		1.47	.55	.04	T.	.38		.07	.74	3.79			.06		.18	.01	1.18	2.24	T.			T.	.39					T.	.02			11.12
Lurton	White		.20	23	.45	.05	.20	1.54		1.00	3.10					.10	.03	2.09	.12	.39				1.45									10.95
Lutherville	Arkansas		.12	T.	.43	.08	.25	2.16	.20	1.10	4.83					.17		09	.30	.25				.95									10.93
Magnolia	Red			.09				.53	.89	.71	.71		.06	2.20		03	2.00	6.50	2.80				.26										16.78
Malvern	Ouachita			1.65	.40			.50		1.40	1.45	2.05		.54	.05		.85	.66	1.86	.86				.25	.02								12.54
Mammoth Spg.	White			1 10	.55	T.	T.	.80		.45	1.52	1.15							.60					.40	T.								6 57
Marianna	Mississippi			.05				.55	.25	.37	.16		.51	.28				.69	2.30	34													5.50
Marked Tree	Mississippi			T.	.62			.45		2.58	1.48	.88			.37				3.25	1.12				.05									10.80
Marshall	White		.25	.04	2.15	.03	15	1.10		.60	5.42					.02		1.72	.14	.24				1.06									12.92
Mena	Ouachita		.54	1.28	.41			1.65		.07	1.99	1.25					1.17	.81	1.00	.19				1.51	T.						.07		11.94
Morrilton	Arkansas		.96		.10			.60		.42	2.92	1.42		T.			.26		.70	.42				.70									8.50
Mountain Home	White		T.	.02	.25	.05	.10	.90		.28	3.08							.15	.03	.73			T.	.63									6.22
Mount Ida	Ouachita		1.86	.51	.33		1.50	.74	26	.32	3.42			.04		.67	.64	.16	2.26					1.57									14.28
Newport	White			1.00	.49			.33		1.77	1.08	.90			.14		.02		1.55	.74				.10	.04								8.16
Norman	Ouachita				1.71			1.68			3.17			T.					4.31					1.06									11.93
Oden	Ouachita			2.61		1.10					2.52							1.50		1.25				1.30									10.28
Okay	Red		.31	.85	.49		.18	.97	.14	.04	98	.08	.05	.25		.02	1.29	.65	2.52					1.00						.16	.06		10.04
Osceola	Mississippi			T.	T.					1.50	2.85	.60		T.	94			T	3.25	1.30				.16									10.60
Ozark	Arkansas			.52	.88	.02		1.47		.50	1.40	1.42		.15			.41		.15	.40				.95	.05						.01		8.33
Paragould	Mississippi		T.	.36	.02	.10		.29		.22	2.71			.24				.85	.76					.19									5.74
Patterson	White			.31	.48			.35		1.65	.88	2.06		.31					3.60														9.64
Piggott	Mississippi			.13		.09	.16		.12	28	1 60	.61		.15				.13	.85					.34									4.46
Pine Bluff	Arkansas			.07	.16		.02	.43		2.00	.37	2.39		1.05	.05		.62	.76	3.60	1.62				.07							1.07		14.28
Pocahontas	White			.58	.18	.10		.10		60	2.20	.50					.03	.45	.55	.03				.40									5.72
Portland	Ouachita			.30				.36		1.24	.18	1.05			.15		2.60	2.10	.41	1.48													9.87
Prescott	Ouachita		1.24	.51			1.44	.06	.34		.71		.53	.39		.83	1.72	4.52	44				.14						.04				12.91
Princeton	Ouachita						.55	.79		2.16	.70	1.28	.72				.90	.17	4.07	1.78		.85									.25		13.72
Rison	Ouachita				.20		T.	.68		1.98	.06	2.96		.90			1.01	1.90	2.60	1.21													13.50
Rogers	White		.39	.05	.41			.51		.05	1.74			.11		.16		.37						.43									4.22
St. Charles	White			.42				.71		2.24	.92	.02		.68		.12		.40	4.00					.08									9.59
St. Francis	St. Francis				T.	.10	T.	.18	T.	.24	1.42	1.52	T.	24	.12		T.	T.	.48	.51				.22									5.03
Searcy	White			.79	.45			.27		1.23	2.18	1.15		.01			.04		1.73	1.01				.32									9.18
Springbank	Red			1.50	.15	T.	T.	.72	T.	.26		1.00		1.67	.13		2.72	1.20	4.17	1.81	T.			.06	.02								15.41
Story	Ouachita		1.43	.63			1.10		.11	.78	2.52					1.22	.03	1.42						.92						.08			10.24
Stuttgart	Arkansas		.06	1.96			.86		.35	1 38	1.20		.45	.03		.16	.73	3.14	1.31														11.63
Subiaco	Arkansas		.67	.04	.32	.02	.28	1.47	T.	1.13	2.65					.29	.04	01	.29	.06				.82									8.09
Texarkana	Red			.98	.33			1.15	.12	.10		1.15		.40	.19		1.80	2.30	5.10	.65					1.08								15.35
Thornburg	Arkansas		1.04	1.87	.04		.18	.73	.25		2.65	.04		.10	.01	.26	.04	.15	1.58	.03			T.	.56						1.87			11.40
Waldron	Arkansas			1.73	.52		1.24			2.10	2.02			.08		.65	.33		.57					.92						T.			10.16
Warren	Ouachita				T.			1.15	2.00	2.13		2.31		.05	.10		1.40	2.40	.30	2.00	T.			T.	.05								13.89
Waters	Ouachita		2.76		.78		1.98		.41	.44	1.50					1.69			1.86					1.43									12.85
Whitecliffs	Red			.75	.46		.07	.85		.10		1.21		.22			1.85	.70	T.	.45				1.08						.02			7.76
Wilson	Mississippi			.15				.50	.80	2.30	70			.12	.37				5.57				.06	.02									10.59
Winslow	Arkansas		.99	.05	.90	.17	.24	1.06	.26	.04	3.20			.36		.32	.14	.70	.05	.12			T	.74						.08			9.42
Wynne	Mississipp			T.	.80		T.		T.	1.75	1.25	.25		T.				.70	3.30	2.10													10.15
Yancopin	Arkansas			.17	.28			.91	.73	2.94	.43	1.23		.25	.30		.50	1.05	.95	1.19											.07		11.00

Daily River Stages for May, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.4	4.9	14.7	15.3	15.4	15.7	15.5	16.0	16.4	19.1	20.9	19.8	21.3	21.2	21.4	20.2	20.3	19.8	20.3	20.5	18.0	14.7	12.6	12.3	12.6	13.0	12.1	11.0	9.7	8.8	8.3
Ozark	do	22	1.1	1.1	6.1	13.0	12.5	13.0	13.1	13.4	13.7	16.3	21.0	18.4	16.9	18.7	17.4	17.2	16.9	16.9	17.1	18.0	16.5	13.7	10.9	10.4	9.6	10.6	9.9	8.8	7.5	6.5	5.8
Dardanelle	do	20	4.1	4.1	4.2	12.3	14.0	14.0	15.0	15.4	15.6	18.0	24.3	22.2	20.0	20.3	20.1	19.9	20.0	19.1	18.7	19.3	19.3	17.0	14.3	12.6	11.7	11.6	12.2	11 4	10.4	9.4	8.9
Morrilton	do	20	0.8	0.7	0.7	3.0	11.0	11.7	12.0	13.4	13.5	15.0	21.5	22.0	19.7	19.6	19.8	19.5	19.0	18.6	18.5	18.4	18.9	17.2	14.5	12.0	10.5	10.0	10.5	10.0	8.8	7.6	6.8
Little Rock	do	23	0.2	0 2	0.3	0.4	6.5	11.8	12.3	13.2	13.7	14.5	19.1	21.3	20.5	20.1	20.4	19.9	19.8	19.2	19.3	18.8	19.0	18.5	16.6	14.5	12.3	10.8	10.3	10.5	9.5	8.3	7.3
Pine Bluff	do	25	4.7	4.7	4.8	5 0	5.1	13.2	15.7	16 3	17.0	17.4	19.8	23.5	24.7	24.2	24.0	24.0	23 9	23.9	23.8	23.5	23.2	23.2	22.7	21.4	18.4	16.8	15.8	15.6	15.3	14.5	13.5
Yancopin	do	29	11.1	11.2	11.2	11.2	11.3	11.3	19.0	21.8	23.0	23.8	24.9	28.0	29.8	31.1	31.2	31.4	31.3	31.2	31.3	31.3	31.4	31.4	31.5	31.4	30.8	30.0	29.0	28.3	27.9	27.4	26.4
Danville	Petit Jean	20	2.0	2.0	2.1	2.2	6.4	5.7	7.9	19.2	19.3	21.5	26.3	25.3	23.8	22.0	19.9	15.8	12.9	11.2	11.5	11.1	9.1	7.4	7.8	10.8	10.4	7.8	8 4	5.2	4.4	4.4	4 8

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	4.1	4.2	3.9	3.8	3.9	3.9	4.3	4.3	4.3	6.0	13.8	12.5	14.4	14.8	10.9	8.6	8.0	7.8	9.5	8.1	6.7	6.5	6.5	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.8
Calico Rock	do	23	2.0	1.7	2.1	1.9	2.1	2.9	2.5	5.4	4.6	5.5	21.3	17.9	13.7	13.7	11.0	7.8	6.8	6.1	9.8	8.5	7.2	5.9	5.2	4.8	4.8	4.4	4.0	3.7	3.5	3.2	2.5
Batesville	do	26	7.9	7.2	6.8	7.3	6.9	7.2	8.0	8.3	12.7	14.1	24.1	28.7	22.8	20.9	20.1	16.0	13.5	12.6	11.2	16.1	14.5	12.7	11.6	10.9	10.5	10.3	9.7	9.3	9.1	8.8	8.4
Newport	do	20	4.9	4.9	4.5	4.5	4.5	4.4	4.8	4.8	6.5	9.6	16.0	22.7	25.4	25.6	25.4	24.5	22.6	20.3	18.7	18.7	18.3	16.7	15.0	13.6	12.0	11.1	10.2	9.2	8.1	7.5	6.9
Georgetown	do	21	7.1	7.1	7.1	7.0	6.6	6.6	6.6	6.6	6.9	9.8	16.5	19.2	20.7	22.0	22.2	22.5	22.7	23.0	23.2	23.0	22.6	22.2	31.8	21.4	20.9	20.4	19.9	19.2	18.0	16.6	15.4
De Valls Bluff	do	34	11.0	11.2	11.4	11.3	11.1	10.9	10.8	10.8	11.0	11.8	16.0	18.8	20.1	20.8	21.5	22.0	22.6	23.6	24.3	24.4	21.3	24.2	24.0	23.6	23.2	22.8	22.4	22.0	21.6	21.2	20.7
Clarendon	do	12	13.7	13.8	13.9	14.0	13.9	13.7	13.6	13.5	13.6	14.0	16.2	18.9	20.6	21.8	22.7	23.8	25.0	26.4	27.8	28.3	28.6	28.7	28.7	28.6	28.5	28.2	27.9	27.6	27.3	26.9	26.4
Gilbert	Buffalo	14	3.9	3.9	3.9	4.0	6.3	5.0	8.0	6.6	6.0	13.0	20.9	8.0	6.7	6.0	5.7	5.3	5.1	5.4	5.3	5.2	5.0	4.9	5.4	5.3	5.2	4.9	4.4	4.0	3.8	3.8	3.7
Black Rock	Black	30	4.0	3.9	3.9	4.1	4.3	4.3	4.2	4.1	4.1	6.5	14.0	16.1	12.1	10.5	9.0	7.5	6.5	7.3	7.0	6.5	6.3	6.0	6.0	6.4	6.2	6.0	5.8	5.8	5.5	5.3	5.2
Camden	Ouachita	28	4.7	4.7	4.7	5.9	12.1	14.8	17.4	18.3	21.9	23.9	25.6	27.4	29.0	30.8	32.2	33.1	33.4	33.5	25.8	38.8	40.5	39.9	38.1	36.2	34.5	32.7	31.2	29.0	26.7	24.0	21.1
Fulton	Red	44	9.0	9.6	9.1	9.0	14.7	18.9	20.7	22.3	23.5	23.8	24.5	25.8	26.6	26.7	26.8	27.1	28.0	30.0	31.3	32.0	32.4	32.5	32.0	30.7	29.8	29.2	28.8	27.8	26.2	24.4	22.7
Helena	Mississippi	48	18.2	18.4	18.7	18.9	18.8	18.5	17.5	15.8	15.0	15.5	16.5	17.3	17.4	17.3	17.0	17.1	18.2	19.2	20.8	22.1	22.6	23.3	24.5	25.5	26.3	26.8	16.9	26.8	26.4	25.6	24.4
Arkansas City	do	43	20.6	30.4	20.2	20.4	20.8	21.3	21.4	21.4	21.6	21.0	21.8	23.7	25.5	26.7	27.3	27.6	27.7	28.4	29.7	30.7	31.7	32.3	32.9	33.7	34.7	35.8	35.0	35.0	34.7	34.4	33.7

Daily Temperatures for May, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	82	77	75	80	78	71	81	82	80	72	81	82	81	83	74	81	64	70	82	83	81	82	73	77	78	81	85	85	85	76	80	78.9
	Minimum	60	63	62	61	66	67	57	58	61	66	61	54	61	59	56	60	62	64	64	56	59	63	61	49	50	51	53	58	60	56	50	59.0
Bentonville	Maximum	82	71	75	78	75	75	79	82	80	68	71	79	75	71	62	69	72	77	68	79	82	80	69	73	75	76	79	82	72	70	76	74.9
	Minimum	61	59	57	60	64	56	56	59	62	61	54	48	56	51	49	58	60	61	51	48	59	61	50	44	47	50	51	53	54	47	43	54.5
Bee Branch	Maximum	85	84	76	80	80	76	80	83	75	75	79	80	80	78	77	74	74	69	74	78	82	84	82	75	75	78	82	83	82	73	74	78.3
	Minimum	55	62	59	61	64	64	55	53	61	61	60	52	62	50	52	55	63	63	55	48	53	56	56	45	44	48	48	53	62	49	43	55.2
Blytheville	Maximum	87	83	83	87	86	84	84	84	83	80	83	87	84	77	78	79	78	73	78	77	83	84	80	76	79	83	84	87	83	72	81	81.7
	Minimum	61	69	65	66	68	69	61	64	61	64	62	59	65	56	52	62	65	64	65	55	58	63	65	50	50	56	55	62	62	50	48	60.4
Booneville	Maximum	83	78	77	76	78	75	84	86	77	75	79	83	81	79	76	77	74	79	76	81	86	83	79	75	75	80	80	86	87	76	77	79.3
	Minimum	60	62	63	62	67	67	56	55	64	61	61	50	62	58	55	60	66	65	58	52	58	65	56	46	49	48	51	55	64	54	46	57.8
Brinkley	Maximum	88	82	82	86	86	80	85	84	80	75	84	86	79	80	75	83	78	69	80	79	84	88	78	76	77	81	85	89	81	74	77	81.0
	Minimum	59	61	64	65	66	65	57	62	63	65	60	53	66	53	54	61	65	64	63	54	56	60	64	48	45	50	51	55	67	52	45	58.5
Calico Rock§§	Maximum	88	82	79	83	81	79	84	86	80	72	81	81	80	77	69	75	73	75	71	78	84	86	73	75	77	79	83	85	77	71	76	78.6
	Minimum	54	59	62	64	65	67	62	50	57	62	63	49	53	49	47	51	60	63	56	48	49	56	59	46	46	49	49	51	54	45	41	54.4
Camden§§	Maximum	88	84	85	85	84	76	85	81	84	79	84	83	79	83	81	83	71	69	79	82	84	85	75	76	77	80	85	89	89	77	77	81.3
	Minimum	62	62	64	63	63	69	59	61	67	69	65	56	59	59	57	64	61	62	63	61	60	65	64	53	51	50	54	60	67	59	49	60.6
Center Point	Maximum	84	79	73	77	78	74	83	84	83	76	81	81	84	85	80	80	75	76	83	84	85	83	78	77	77	80	85	86	89	77	77	80.5
	Minimum	64	65	62	60	66	64	56	64	67	63	61	54	64	59	62	62	64	64	64	60	63	65	61	52	54	56	55	62	66	58	51	60.9
Conway	Maximum	87	85	81	82	81	81	83	86	80	78	80	82	80	79	79	78	74	70	75	79	86	87	87	75	76	78	85	86	85	77	77	80.6
	Minimum	59	64	63	62	67	67	59	58	64	64	62	54	66	57	57	64	67	65	58	54	58	62	64	48	49	52	52	51	66	52	46	59.7
Corning	Maximum	89	85	76	84	84	83	82	86	80	79	81	81	77	77	69	77	74	72	73	78	83	87	83	78	79	80	83	86	75	74	77	79.7
	Minimum	57	66	66	64	66	66	59	57	61	63	64	53	61	51	47	59	61	65	63	49	55	58	57	45	45	49	50	55	58	47	41	56.8
Dardanelle	Maximum	87	80	78	82	78	78	85	86	78	77	83	85	83	82	79	79	76	76	77	79	87	87	85	80	78	80	86	86	90	80	78	81.5
	Minimum	59	65	63	62	67	66	58	56	65	64	61	53	53	55	56	60	66	66	58	55	58	63	60	48	49	51	54	54	65	57	48	58.5
Dumas	Maximum	90	84	83	86	85	77	85	75	82	81	83	85	82	90	85	83	77	77	83	84	87	92	84	76	80	85	95	93	88	71	78	83.5
	Minimum	64	65	65	67	68	69	60	60	67	65	63	63	70	59	58	64	63	64	61	61	59	62	70	52	49	52	55	59	69	54	49	61.6
Dutton	Maximum	81	73	72	74	70	69	76	80	72	76	70	77	76	74	70	66	72	80	71	78	79	79	74	78	72	74	78	87	82	72	73	75.0
	Minimum	56	59	63	56	60	60	51	46	56	58	55	41	44	41	53	57	58	63	51	41	49	57	49	36	37	61	41	44	55	40	34	50.7
El Dorado	Maximum	88	83	85	86	83	78	85	82	84	82	83	82	77	82	83	81	78	75	78	81	84	85	80	75	77	80	85	86	87	78	78	81.6
	Minimum	66	65	65	65	68	70	59	67	68	65	64	64	66	63	61	63	63	64	63	65	62	65	64	53	51	53	57	64	70	61	52	62.8
Eureka Springs	Maximum	82	75	75	78	77	74	80	84	81	73	71	80	76	72	66	70	72	76	72	80	82	80	80	76	78	78	80	81	75	72	76	76.5
	Minimum	64	62	57	61	61	64	55	61	61	60	59	51	55	52	49	55	61	62	52	48	60	67	50	55	50	51	55	60	63	47	46	56.7
Fayetteville	Maximum	82	75	75	77	75	73	78	81	78	71	70	77	75	73	68	70	73	76	69	81	81	80	77	72	69	76	79	82	79	71	75	75.4
	Minimum	62	60	52	62	65	65	55	56	61	61	58	48	56	48	50	56	61	62	52	48	58	64	48	43	43	46	49	53	61	47	41	54.5
Fort Smith	Maximum	83	72	76	81	76	77	84	86	77	69	75	82	80	78	66	75	77	79	75	81	87	85	73	77	75	78	83	85	87	75	75	78.4
	Minimum	62	63	61	64	68	56	61	60	63	61	61	54	61	58	57	60	67	56	59	55	61	62	58	56	54	54	57	60	63	54	53	59.2
Grannis	Maximum	81	76	73	73	75	72	82	83	84	77	79	83	81	84	77	82	75	73	80	81	83	84	80	77	75	79	83	84	80	77	72	78.9
	Minimum	53	60	61	59	68	63	48	50	65	60	54	46	61	61	50	59	63	63	59	51	53	56	57	43	43	44	46	52	52	55	56	55.2
Gravette	Maximum	82	75	76	79	75	74	78	82	79	72	69	78	74	72	70	69	73	76	71	80	81	80	78	71	75	76	79	83	79	71	75	76.0
	Minimum	62	61	56	63	62	62	53	61	62	60	65	45	55	53	50	56	67	59	50	47	61	65	50	42	48	49	50	49	59	48	45	55.3
Helena	Maximum	88	83	81	86	87	80	83	78	76	77	84	83	72	78	74	78	72	[illegible]	86	77	81	85	78	74	76	80	85	88	82	74	75	79.7
	Minimum	62	61	55	66	69	69	59	67	62	65	62	57	61	54	56	64	63	61	65	56	59	63	61	49	47	52	54	58	66	51	45	59.5
Hope	Maximum	92	82	84	86	88	78	89	88	89	80	84	89	83	88	84	90	73	75	85	80	94	92	74	80	81	86	90	88	89	80	82	84.6
	Minimum	60	65	62	61	62	60	58	62	67	61	61	61	65	58	57	60	63	62	60	60	60	64	60	51	48	49	53	61	62	57	48	59.3
Hot Springs	Maximum	87	85	86	84	82	79	84	84	83	81	82	83	80	81	83	81	73	72	80	81	81	80	78	80	80	82	85	85	82	81	80	81.5
	Minimum	62	60	64	62	60	63	55	58	59	57	53	59	59	58	52	54	62	61	55	58	57	60	52	50	47	49	52	57	65	60	58	57.5
Jonesboro	Maximum	87	81	80	85	85	80	82	83	79	76	82	83	76	76	70	76	76	68	76	77	81	86	76	80	78	82	85	86	75	72	79	79.4
	Minimum	62	68	63	64	62	62	58	62	64	63	60	53	62	55	52	[illegible]	64	65	61	52	52	59	59	50	50	52	52	61	61	52	48	58.3
Lead Hill	Maximum	87	80	78	82	81	79	83	87	82	74	78	82	79	75	67	75	71	86	72	81	82	86	77	72	79	60	85	86	75	72	78	78.2
	Minimum	52	62	59	63	64	64	66	49	62	62	60	47	57	47	45	62	61	63	55	43	49	56	53	41	41	45	45	50	60	41	37	53.6
Little Rock	Maximum	85	77	81	83	81	73	84	78	80	72	82	82	80	80	72	77	70	68	76	77	82	85	76	74	76	78	83	85	82	72	75	78.3
	Minimum	64	63	63	65	68	62	59	64	65	63	63	58	66	61	60	60	65	64	64	57	62	65	69	57	56	58	58	63	64	56	54	61.5
Lutherville	Maximum	85	75	77	79	75	74	82	83	75	72	75	80	80	76	70	75	69	72	74	79	84	84	76	76	75	78	82	82	85	73	74	77.3
	Minimum	62	62	61	60	65	63	55	56	62	62	59	56	62	54	50	58	65	63	55	49	56	65	56	45	51	52	53	58	64	52	48	57.4
Magnolia	Maximum	87	86	83	84	83	78	82	85	85	84	83	81	79	85	85	83	78	72	84	87	85	85	85	78	81	86	86	87	79	77	78	82.5
	Minimum	65	65	63	63	68	70	68	59	63	64	64	60	63	61	61	63	63	61	63	[illegible]	62	63	66	53	54	56	63	68	61	51	52	62.0
Malvern	Maximum	89	82	82	83	81	77	90	90	81	79	82	87	84	86	83	81	76	71	83	84	86	83	83	79	80	83	87	88	86	79	81	82.8
	Minimum	59	61	64	61	64	66	56	58	65	63	61	50	65	56	55	62	61	65	64	56	57	62	63	49	46	48	52	51	63	55	48	58.4
Marianna	Maximum	87	83	80	86	86	82	82	79	76	75	85	85	80	80	76	79	75	80	80	78	82	84	82	75	79	79	85	85	81	75	76	80.5
	Minimum	64	64	65	68	68	69	60	66	67	66	57	57	67	57	57	63	65	64	61	58	57	60	64	51	49	49	55	59	68	54	49	60.7
Marshall	Maximum	86	81	77	79	75	74	80	83	78	73	76	78	77	75	71	76	70	76	75	78	82	89	86	73	74	78	82	82	78	65	75	77.3
	Minimum	61	63	59	61	64	62	58	56	62	62	61	49	59	49	47	55	50	64	52	47	60	64	54	42	43	46	47	52	48	44	40	54.2
Mena	Maximum	82	73	71	72	74	72	83	81	78	72	79	82	81	80	65	79	74	77	80	84	85	83	75	75	75	80	84	84	85	74	77	78.0
	Minimum	58	62	62	60	66	65	53	55	66	61	57	48	62	53	54	60	64	64	61	62	58	67	55	46	46	47	49	55	63	55	45	57.4
Mount Ida	Maximum	80	76	75	79	78	74	82	83	80	77	80	82	[illegible]	87	73	80	72	75	73	82	85	83	77	76	76	79	84	85	87	76	76	79.4
	Minimum	52	58	61	54	65	65	53	50	65	63	59	44	63	56	50	60	65	61	58	45	52	58	58	41	42	42	45	50	61	52	40	54.5
Newport	Maximum	88	78	81	84	84	79	84	83	77	74	83	85	[illegible]	81	74	81	73	69	72	80	85	87	80	79	80	83	85	88	79	76	79	80.4
	Minimum	69	65	52	65	67	66	57	59	54	62	62	53	64	56	53	59	63	61	57	52	57	60	62	49	49	52	52	55	62	50	46	57.6
Pine Bluff	Maximum	85	83	84	84	87	84	85	79	80	78	84	82	78	82	76	77	75	70	79	77	82	85	79	74	76	80	82	85	81	74	75	80.1
	Minimum	64	64	65	66	67	69	58	66	66	67	64	56	66	60	59	63	64	64	65	60	60	63	66	52	52	55	56	61	70	57	54	61.9
Pocahontas	Maximum	87	84	80	83	82	81	82	86	80	76	82	81	80	78	75	77	77	72	73	77	82	85	83	80	79	80	83	86	85	71	77	80.1
	Minimum	56	64	62	64	65	65	57	55	65	63	63	53	60	52	48	59	63	61	60	50	52	55	57	50	45	50	50	55	60	50	47	56.6
Portland	Maximum	87	87	84	87	85	80	88	81	86	83	83	84	81	84	83	81	77	80	77	81	83	89	84	75	77	81	89	88	89	79	77	82.9
	Minimum	61	64	65	65	66	68	61	68	67	72	65	66	71	63	60	64	63	64	63	61	61	62	68	55	53	54	59	61	60	59	51	62.7
Prescott	Maximum	89	82	83	85	84	77	76	77	89	82	83	84	85	88	88	84	86	82	85	85	87	91	86	87	88	85	87	89	90	86	85	85.0
	Minimum	61	64	62	64	62	63	58	56	58	61	60	61	63	57	53	61	60	63	69	61	63	59	62	57	54	50	52	64	68	67	61	60.2
Rison	Maximum	87	87	87	88	86	80	85	83	83	83	83	84	82	83	81	82	79	79	79	84	85	86	83	77	79	81	86	88	89	88	79	83.4
	Minimum	64	63	65	64	66	68	58	64	65	63	63	56	65	58	58	63	62	64	63	59	59	64	64	49	49	53	56	60	69	68	49	61.0
Searcy	Maximum	87	78	79	82	82	76	82	81	78	76	82	82	80	78	73	79	71	69	76	78	82	84	77	74	77	79	83	85	80	73	77	78.7
	Minimum	56	62	62	61	65	64	57	57	62	63	62	52	64	54	54	59	65	64	60	52	56	58	62	50	50	50	52	56	65	53	47	58.0
Stuttgart	Maximum	88	81	83	85	87	79	86	82	82	77	85	86	80	82	78	81	75	69	80	80	84	87	79	75	75	82	85	89	84	76	79	81.3
	Minimum	61	62	64	65	66	67	58	66	66	65	62	56	67	56	58	62	64	64	63	57	69	62	61	49	48	55	59	70	53	48	48	60.5
Texarkana	Maximum	86	81	79	79	80	78	85	83	85	79	82	84	81	85	83	81	71	70	80	85	85	86	79	70	73	80	81	91	90	78	80	81.0
	Minimum	62	65	58	60	62	63	53	60	65	67	60	61	60	62	60	57	55	60	61	62	63	64	63	52	50	55	55	60	65	55	50	59.5
Thornburg	Maximum	84	72	76	76	76	72	80	80	78	76	79	80	79	78	68	76	70	69	71	78	81	82	76	73	74	77	81	84	82	72	73	76.6
	Minimum	56	56	61	61	66	64	57	49	62	61	61	56	61	46	48	58	63	64	54	45	51	62	57	39	38	40	42	48	59	46	37	53.6
Warren	Maximum	85	84	84	83	84	77	74	86	84	83	84	82	80	82	81	81	78	72	78	82	84	87	86	77	76	82	88	87	86	83	80	82.0
	Minimum	65	64	66	65	67	68	62	65	67	68	64	63	66	62	61	64	63	63	62	62	61	63	65	53	51	53	57	63	71	59	51	62.4
Wilson	Maximum	87	85	79	85	85	84	82	82	77	78	85	83	73	76	72	79	78	71	78	77	82	86	83	77	78	80	85	88	82	72	78	80.5
	Minimum	60	67	63	63	67	68	59	64	65	63	63	57	63	63	51	61	59	65	64	53	53	61	61	49	45	48	51	57	61	48	49	58.7
Wynne	Maximum	85	79	77	83	84	78	81	78	75	73	83	81	75	77	75	78	72	69	78	74	80	84	76	75	76	78	81	84	77	70	78	77.9
	Minimum	64	65	62	66	69	68	59	60	58	64	61	55	65	53	55	60	66	64	63	54	57	61	63	40	49	50	53	59	66	49	45	58.9

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark., 6-25-30--980

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., JUNE, 1930 No. 6

GENERAL SUMMARY

The outstanding characteristic of the weather in Arkansas during June, 1930, was the unusually light rainfall, this being the driest June of the past 40 years. Precipitation totals for the various months of this year continue to show wide variations. January was next to the wettest January on record, April was the driest April, May the wettest May, and was followed by the driest June. The excessively heavy rains of January and May built up large positive precipitation departures which have not yet been overcome by the dry months, but these departures do not reflect the true soil condition in Arkansas, the excessive rain having run off, the close of June finding the soil unusually dry except in a few counties in the northwestern section of the State where normal rainfall occurred. The average precipitation, as determined from the records of 90 stations, was 0.87 inch which is 3.15 inches below normal, all stations except Gravette and Bentonville showing negative departures. Monthly totals ranged from none at Mammoth Spring to 6.20 inches at Gravette. Only twenty two stations recorded monthly totals exceeding an inch and in many localities showers were scarcely sufficient to lay the dust. The greatest amount for any 24 hour period was 3.00 inches at Marshall on the 20th. The average number of rainy days was 2.

The mean temperature for the State, as determined from the records of 60 stations, was 76.4° which is 0.7° below normal. Monthly means ranged from 68.6° at Dutton to 80.0° at Prescott, a difference of 11.4° between the Ozarks in the Northwest and the southern section of the State. The highest temperature recorded was 107° at Magnolia on the 26th, the lowest, 39° at Lead Hill on the 1st and at Dutton on the 7th. Extremes occurred on approximately these dates throughout the State.

The dry weather was favorable for the cultivation of all crops and fields were clean and crops well cultivated in all localities, but it was entirely too dry for corn except in a few northwestern counties. At the close of the month corn was being damaged throughout southern and eastern sections of the State. Cotton made slow growth, but was blooming and in fairly good condition at the close of the month. Rice was deteriorating and all minor crops needed rain. The streams of the State remained at low stages throughout the month except for a moderate rise in the Arkansas about the middle of the month due to heavy rains in Oklahoma. Dirt roads were dry and dusty.

W.C.H.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---5th, 23; 6th, 7; 7th, 2; 10th, 2; 11th, 6; 14th, 1; 15th, 11; 16th, 3; 17th, 3; 19th, 2; 22d, 1; 23d, 1; 24th, 10; 25th, 2; 26th, 3; 27th, 2; 28th, 5; 29th, 3; 30th, 24.

LUNAR HALOS:-----4th, 1; 9th, 1.

SOLAR HALOS:----4th, 1; 5th, 1; 9th, 2; 11th, 1; 24th, 1; 28th, 1; 29th, 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.94	30.20	1	29.73	28	3.238	16	ne.	26	......	......	86
Fort Smith	29 93	30.18	6	29.74	18	444.5	20	nw,	24	74	50	76
Little Rock	29.96	30.21	1	29 72	17	4,955	26	n.	30	66	39	86
Memphis	29.97	30 25	3	29.73	17	4,070	31	nw.	5	63	40	82

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COMPARATIVE DATA FOR JUNE

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**77.1**		**110**		**37**		**4.02**		**14**	**10**	**6**	**8**
1891	77.9	+0.8	103	27	56	9	3.71	−0.31	11	11	8	17
1892	76.9	−0.2	103	14	40	2	3.87	−0.15	16	10	4	8
1893	76.3	−0.8	99	13	49	8	5.20	+1.18	12	12	6	9
1894	76.6	−0.5	106	30	42	1	1.39	−2.63	17	10	3	4
1895	76.9	−0.2	100	2	47	6	5.94	+1.92	12	10	8	10
1896	77.7	+0.6	103	27	48	3	1.91	−2.11	14	10	6	5
1897	78.0	+0.9	106	22	41	1	3.46	−0.56	12	13	5	6
1898	78.7	+1.6	100	25	60	3	4.86	+0.84	8	14	8	11
1899	77.3	+0.2	102	24	50	18	2.74	−1.28	13	12	5	6
1900	76.6	−0.5	100	10	43	4	7.10	+3.08	7	14	9	13
1901	79.4	+2.3	110	29	41	1	1.44	−2.58	16	12	2	4
1902	77.5	+0.4	105	19	42	23	5.27	+1.25	16	9	5	6
1903	70.5	−6.6	99	21	37	12	2.53	−1.49	13	10	7	7
1904	75.3	−1.8	99	13	50	7	7.14	+3.12	11	13	6	10
1905	77.9	+0.8	104	15	44	1	5.90	+1.88	12	10	8	10
1906	76.2	−0.9	101	18	44	22	4.60	+0.58	14	11	5	8
1907	75.2	−1.9	103	24	39	2	4.48	+0.46	14	11	5	8
1908	76.0	−1.1	98	23	46	14	3.85	−0.17	13	11	6	8
1909	76.9	−0.2	104	8	49	4	4.08	+0.06	12	12	6	10
1910	74.1	−3.0	99	18	44	12	4.85	+0.83	12	13	5	10
1911	80.9	+3.8	106	7	47	13	2.53	−1.49	16	11	3	6
1912	73.1	−4.0	97	17	42	8	5.83	+1.81	11	12	7	9
1913	77.0	−0.1	103	28	39	12	1.68	−2.34	16	11	3	4
1914	82.3	+5.2	109	28	52	28	1.00	−3.02	19	10	1	2
1915	76.0	−1.1	106	21	45	9	4.92	+0.90	12	9	9	9
1916	75.4	−1.7	99	21	43	8	5.15	+1.13	12	10	8	8
1917	75.2	−1.9	105	30	37	16	4.87	+0.85	18	7	5	6
1918	80.5	+3.4	110	20	49	13	3.55	−0.47	15	9	6	7
1919	76.9	−0.2	101	26	45	4	5.11	+1.09	11	10	9	16
1920	74.7	−2.4	101	26	42	24	3.41	−0.61	19	6	5	6
1921	78.5	+1.4	103	3	46	8	4.84	+0.82	12	10	8	11
1922	78.6	+1.5	104	14	44	4	2.64	−1 38	16	8	6	7
1923	76.7	−0.4	99	25	46	29	5.20	+1.18	13	11	6	9
1924	78.5	+1.4	105	12	42	2	3.64	−0.38	15	6	9	8
1925	82.3	+5 2	108	20	46	1	2.08	−1.94	17	9	4	4
1926	76.6	−0.5	104	12	42	6	2 60	−1.42	17	8	5	6
1927	76.3	−0.8	104	25	43	16	6.50	+2.48	13	8	9	9
1928	73.5	−3 6	100	19	40	6	9.44	+5.42	8	9	13	13
1929	76.2	−0 9	102	19	41	4	3.68	−0.34	17	8	5	7
1930	76.4	−0.7	107	26	39	1	0.87	−3 15	22	6	2	2

Corrections: April, 1930

Marshall, lowest temperature should be 35° on the 8th.

Climatological Data for June, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	78.6	+3.7	104	21	50	1	38	0.21	−4.43	0.21	0.0	1	19	11	0	s.	J. W. Campbell
Arkadelphia	Clark	250	34	....	....	....	....	....	....	....	0.03	−5.07	0.02	0.0	2	28	1	1	s.	W. K. Bown
Arkansas City	Desha	145	46	....	....	....	....	....	....	....	0.34	−3.90	0.20	0.0	2	25	3	2	....	J. H. Catham
Arlberg	Stone	700	8	....	....	....	....	....	....	....	0.23	....	0.23	0.0	1	20	10	0	ne.	J. D. Reeves
Batesville	Independence	277	31	73.8	−1.6	103	22	41	1	41	0.48	−3.55	0.24	0.0	3	24	4	2	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	75.2	−1.6	103	25	44	1	38	0.25	−3.87	0.22	0.0	2	22	5	3	s.	J. E. Scanlan
Bentonville	Benton	1303	25	72.2	−1.9	93	22	47	8	29	4.74	+0.18	1.57	0.0	6	25	2	3	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	....	....	....	....	....	....	....	0.22	−3.12	0.18	0.0	2	25	1	4	s.	Vernon C. Howe
Blytheville	Mississippi	252	5	78.2	....	102	22	51	7	29	1.03	....	1.03	0.0	1	14	13	3	s.	B. E. Smith
Booneville	Logan	465	16	77.2	−0.4	104	28	48	1	39	1.06	−3.13	0.63	0.0	4	17	9	4	s.	F. H. Randolph
Brinkley	Monroe	205	43	76.6	−1.1	102	22	45	1†	39	0.33	−3.11	0.22	0.0	2	23	5	2	se.	R. J. Torry
Calico Rock	Izard	361	26	73.7	−2.5	103	25	44	1	51	0.60	−2.95	0.20	0.0	4	12	16	2	sw.	W. J. Copp
Camden	Ouachita	158	45	78.0	−0.2	101	26	48	1	36	1.09	−3.60	1.04	0.0	2	25	2	3	s.	A. B. Quarterman
Center Point	Howard	470	31	79.8	+1.2	105	26	54	7	30	0.34	−4.04	0.19	0.0	2	22	7	1	sw.	John C. Floyd
Clarendon	Monroe	200	26	....	....	....	....	....	....	....	0.13	−3.21	0.07	0.0	2	23	2	5	s.	J. W. Bishop
Clinton	Van Buren	516	9	....	....	....	....	....	....	....	1.55	....	1.34	0.0	4	22	6	2	nw.	A. L. Stephens
Conway	Faulkner	309	47	76.8	+1.4	102	22†	41	8	41	0.02	−4.03	0.02	0.0	1	18	9	3	s.	E. E. Cordrey
Corning	Clay	293	37	76.6	+1.0	104	22	44	1	41	0.34	−3.78	0.32	0.0	2	24	4	2	sw.	Winfred D. Polk
Corning (river)	Clay	280	6	....	....	....	....	....	....	....	0.35	....	0.35	0.0	1	25	2	3	....	Henry Stafford
Cotter	Baxter	408	3	....	....	....	....	....	....	....	0.92	....	0.43	0.0	4	17	7	6	s.	Charles Turnipseed
Crossett	Ashley	175	15	78.2	−0.4	101	26	50	9	34	0.23	−5.28	0.12	0.0	2	22	5	3	sw.	G. A. Gifford
Danville	Yell	327	14	....	....	....	....	....	....	....	0.62	−2.74	0.40	0.0	3	23	0	7	s.	C. G. Hudson
Dardanelle	Yell	330	44	78.4	+0.6	103	25	49	1	35	0.61	−3.03	0.41	0.0	4	19	6	5	nw.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	....	....	....	....	....	....	....	0.43	....	0.24	0.0	2	27	3	0	....	H. G. Pate
Dumas	Desha	162	24	78.4	−0.4	104	22†	48	1	40	0.94	−3.19	0.90	0.0	3	16	14	0	s.	Ben Johnson
Dutton ††	Madison	1590	27	68.6	−3.2	94	22	39	7	39	1.87	−3.63	0.92	0.0	4	21	7	2	s.	J. M. Ricketts
El Dorado	Union	270	29	79.2	+0.2	101	26	53	1	32	1.01	−2.23	0.95	0.0	2	14	13	3	se.	J. J. Babb
England	Lonoke	229	23	77.2	−0.7	100	22†	48	1†	36	0.34	−3.32	0.34	0.0	1	27	2	1	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	73.0	−1.0	92	22†	47	8	30	4.51	−1.20	1.40	0.0	6	19	9	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	73.1	−1.1	94	28	47	1†	35	3.85	−0.92	0.76	0.0	6	15	11	4	sw.	University of Arkansas
Fort Smith	Sebastian	457	49	77.1	−0.4	101	28	55	1	29	2.00	−1.72	0.84	0.0	7	15	10	5	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	6	....	....	....	....	....	....	....	0.89	....	0.47	0.0	3	24	8	3	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	44	....	....	....	....	....	....	....	0.21	−3.72	0.21	0.0	1	18	10	2	....	T. J. Logan
Georgetown	White	200	18	....	....	....	....	....	....	....	0.70	−2.75	0.70	0.0	1	24	1	5	....	W. R. Owens
Gilbert	Searcy	675	7	....	....	....	....	....	....	....	0.75	....	0.36	0.0	3	17	12	1	....	Ben F. Battenfield
Grannis	Polk	900	11	74.0	−1.1	104	26	42	1	44	0.57	−4.32	0.55	0.0	2	20	9	1	sw.	W. E. McVay
Gravette	Benton	1250	33	71.5	−2.1	94	19	45	7	34	6.20	+0.79	1.74	0.0	7	17	10	8	sw.	A. F. Stevens
Harrison	Boone	1052	29	....	....	..	..	..	..	..	....	....	....	0.0	..	..	..	.	....	Mrs. G. L. Wright
Helena	Phillips	250	58	77.7	−0.5	101	22	51	7	33	0.06	3.87	0.06	0.0	1	18	11	1	n.	James A. Burnett
Higden	Cleburne	445	12	....	....	....	....	....	....	....	0.11	....	0.06	0.0	2	24	5	1	s.	Geo. W. Baker
Hope	Hempstead	377	59	79.6	+1.2	106	26	45	1	44	0.46	−3.43	0.26	0.0	2	27	3	0	s.	N. P. O'Neal
Hot Springs	Garland	600	39	77.7	−0.2	103	26	49	2†	35	0.25	−4.33	0.21	0.0	3	27	3	0	....	G. C. Bolton
Index ‡‡	Little River	275	5	....	....	....	....	....	....	....	0.12	....	0.12	0.0	1	19	7	4	....	H. G. Sanderson
Jessieville	Garland	750	4	....	....	....	....	....	....	....	1.33	....	0.93	0.0	2	26	4	0	....	U. S. Forest Service
Jonesboro	Craighead	345	35	77.8	+0.2	102	22	48	1	36	0.70	−3.00	0.43	0.0	2	24	3	3	sw.	Benedictine Sisters
Junction ‡‡	Union	182	36	....	....	..	..	..	..	..	....	....	....	0.0	..	..	..	..	....	J. A. Lowderback
Lead Hill	Boone	650	3	73.0	....	102	25	39	1	44	1.58	....	0.71	0.0	3	25	2	3	s.	J. H. Crosswhite
Little Rock	Pulaski	357	51	78.8	+1.4	99	21	56	9	25	0.12	−3.64	0.08	0.0	2	21	6	3	s.	U. S. Weather Bureau
Lurton	Newton	2100	5	71.7	....	95	25	48	8	28	1.71	....	0.90	0.0	4	24	0	6	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	32	76.6	−0.8	101	25	48	7	32	0.85	−3.62	0.54	0.0	4	22	3	5	se.	H. G. Lenhardt
Magnolia	Columbia	315	11	78.8	−0.3	101	25†	53	9	33	0.30	−3.12	0.30	0.0	1	25	5	0	nw.	State Agri. School
Malvern	Hot Springs	277	43	79.2	+1.7	107	26	47	1	38	0.54	−3.62	0.28	0.0	2	30	0	0	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	73.8	−0.5	101	23	41	8	39	T.	−4.32	T.	0.0	0	17	10	3	s.	S. F. Whittaker
Marianna	Lee	235	18	77.4	−0.6	102	22†	48	8†	35	0.00	−4.52	0.00	0.0	0	30	0	0	s.	C. N. Houck
Marked Tree	Poinsett	229	25	76.4	−1.3	101	25	45	1†	38	0.13	−2.80	0.13	0.0	1	23	7	0	n.	Charles Walton
Marshall	Searcy	1070	16	75.0	−1.6	103	25	43	9	39	3.56	−0.34	3.00	0.0	4	23	1	6	nw.	A. J. Parks
Mena	Polk	1185	42	76.0	−0.4	101	22	48	1†	35	2.30	−2.54	1.05	0.0	3	21	5	4	nw.	E. W. St. John
Morrilton	Conway	347	9	77.9	....	101	22	50	1	34	0.32	....	0.16	0.0	2	20	8	2	se.	John Cook
Mountain Home	Baxter	800	16	73.2	−1.6	103	25†	43	1†	39	1.41	−2.88	0.50	0.0	4	19	6	5	w.	B. S. Halbert
Mount Ida	Montgomery	650	31	74.6	−2.5	101	28	40	1	42	0.29	−4.35	0.29	0.0	1	22	6	2	w.	G. A. Whittington
Newport	Jackson	231	46	77.9	+0.1	102	21	47	1	39	0.72	−2.92	0.44	0.0	2	24	3	3	n.	A. C. Wilkerson
Norman	Montgomery	750	3	....	....	....	....	....	....	....	1.08	....	0.63	0.0	3	23	7	0	....	U. S. Forest Service
Oden	Montgomery	800	4	....	....	....	....	....	....	....	0.83	....	0.45	0.0	2	20	7	3	sw.	U. S. Forest Service
Okay	Howard	288	1	78.7	..	102	26†	48	1	35	0.02	....	0.02	0.0	1	11	18	1	sw.	Frank K. Hensley
Osceola	Mississippi	240	32	78.0	+0.8	102	22	50	9	33	0.89	−2.57	0.89	0.0	1	22	6	2	s.	June Thomason
Ozark	Franklin	396	34	76.0	−2.0	102	25	49	2	41	1.11	−3.16	0.50	0.0	6	22	0	8	sw.	Orkney O. Milton
Paragould	Greene	301	4	....	....	....	....	....	....	....	0.99	....	0.58	0.0	3	26	4	0	s.	W. R. Heagler
Patterson	Woodruff	196	14	....	....	....	....	....	....	....	1.22	−2.88	0.82	0.0	2	25	3	2	s.	W. E. Baker
Piggott	Clay	307	6	....	....	....	....	....	....	....	0.41	....	0.36	0.0	2	25	5	0	sw.	V. C. Wright
Pine Bluff	Jefferson	215	43	77.4	−1.6	98	25†	51	1	30	0.05	−3.82	0.05	0.0	1	26	4	0	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	76.3	−0.1	102	22	45	1	36	1.00	−2.95	0.70	0.0	2	9	15	6	nw.	Benedictine Sisters
Portland	Ashley	122	24	77.4	−1.8	101	23†	51	1†	34	0.19	−3.95	0.11	0.0	2	25	5	0	s.	W. E. Edmiston
Prescott	Nevada	329	42	80.0	+1.5	105	26	53	1†	36	0.47	−3.27	0.47	0.0	1	27	1	2	s.	C. D. Calhoun
Princeton	Dallas	287	24	....	....	....	....	....	....	....	0.27	−3.88	0.27	0.0	1	28	2	0	....	Mrs. Dora Coleman
Rison	Cleveland	243	29	78.6	+0.7	102	25†	49	1	39	0.42	−3.53	0.31	0.0	2	27	3	0	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	72.0	−1.4	97	22	44	1	35	4.15	−0.46	1.06	0.0	5	18	5	7	s.	Carl A. Starck
St. Charles	Arkansas	175	1	72.9^{f}	....	100^{m}	29	50	9	30^{m}	0.27	....	0.27	0.0	1	22	8	0	s.	Ballard Deane
St. Francis	Clay	290	2	....	....	....	....	....	....	....	0.78	....	0.59	0.0	3	24	5	1	....	S. T. Rooney
Searcy	White	236	21	76.4	−0.8	103	22	47	1	37	0.39	−3.11	0.33	0.0	2	27	2	1	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	....	....	....	....	....	....	....	0.87	−3.49	0.82	0.0	2	22	4	4	....	Miss Grace Field
Story	Montgomery	700	6	....	....	....	....	....	....	....	0.64	....	0.44	0.0	2	21	7	2	sw.	S. C. Story
Stuttgart	Arkansas	228	43	78.6	+1.0	101	29	49	8	40	0.26	−3.85	0.14	0.0	3	20	9	1	se.	Adam F. Buerkle
Subiaco	Logan	1050	33	77.9	+0.5	104	25†	50	1	36	0.67	−3.30	0.47	0.0	5	16	10	4	s.	New Subiaco Abbey
Texarkana	Miller	332	44	78.4	−0.6	103	26	54	7†	32	0.15	−3.48	0.15	0.0	1	21	6	3	s.	H. S. Brashear
Thornburg	Perry	650	6	73.4	....	101	25	41	9	44	0.33	....	0.18	0.0	3	25	4	1	s	Edward E. Holmes
Waldron	Scott	675	11	....	....	....	....	....	....	....	0.73	−3.52	0.64	0.0	3	19	3	8	s.	Dr. Cheves Bevill
Warren	Bradley	206	36	79.3	+0.5	101	23†	51	1	33	T.	−3.98	T.	0.0	0	26	4	0	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	....	....	....	....	....	....	....	1.24	....	0.70	0.0	2	16	6	7	sw.	J. R. Huddleston
Whitecliffs	Little River	290	26	....	....	....	....	....	....	....	0.07	−3.44	0.07	0.0	1	21	4	5	w.	Narnie O. Schirmer
Wilson	Mississippi	237	5	77.2	....	101	22†	45	9	35	0.45	....	0.40	0.0	2	28	2	0	se	M. W. H. Collins
Winslow	Washington	1734	15	70.6	−0.9	92	28	45	8	32	2.88	−2.16	1.04	0.0	6	14	13	3	s.	J. D. Black
Wynne	Cross	250	22	76.2	−2.3	98	5†	45	9	35	0.98	−2.57	0.98	0.0	1	23	4	3	s.	R. T. Cobbs
Yancopin	Desha	167	6	....	....	....	....	....	....	....	0.62	....	0.62	0.0	1	23	5	2	....	**W. E. Barton**
State Means and Extremes				76.4	−0.7	107	26	39	1	44	0.87	−3.15	3.00	0.0	2	22	6	2	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a,b,c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Freeman Springs, Simpson: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for May, 1930

Stations	Drainage-basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita						.21																										0.21
Arkadelphia	Ouachita																.02												.01				0.03
Arkansas City	Mississippi						.20	.14									T.																0.34
Arlberg	White															.23																	0.23
Batesville	White						.12					.12					.24									T.							0.48
Bee Branch	Arkansas					.22					.03														T.								0.25
Bentonville***	Arkansas					1.57				T.	.93	.35				1.16							.40	.33			T.				T.		4.74
Black Rock	White						.18										.04																0.22
Blytheville	Mississippi															1.03																	1.03
Booneville	Arkansas					.63					.39	.02		T.	T.			.02							T.						T.		1.06
Brinkley	White						.11										.22																0.33
Calico Rock	White						.19				T.	.20	.15				.06								T.		T.						0.60
Camden	Ouachita						1.04										.05																1.09
Center Point	Red					.15										.19																	0.34
Clarendon	White						.06										.07																0.13
Clinton	White					.12					.06					.03															1.34		1.55
Conway	Arkansas					.02					T.					T.									T.								0.02
Corning	White					.32											.02														T.		0.34
Corning (river)	White						.35																										0.35
Cotter	White						.04				T.	.30	.43				.15																0.92
Crossett	Ouachita						.12	.11																					T.				0.23
Danville	Arkansas						.40										.10	.12															0.62
Dardanelle	Arkansas						.41				.01							.17							.02								0.61
De Valls Bluff	White						.19										.24																0.43
Dumas	Mississippi						.90	.01									.03																0.94
Dutton	White					.92					.38	.26				.31															T.		1.87
El Dorado	Ouachita						.95										.06																1.01
England	Arkansas					T.											.34																0.34
Eureka Springs	White					.73		.03			.92	1.40				.43									1.00								4.51
Fayetteville	White					.76					.76	.74	.04			.92									.63								3.85
Fort Smith***	Arkansas					.76					.78	.07		T.		.18		.03							.17						.01		2.00
Freeman Sprgs	Arkansas						.47					.27	.15												T.								0.89
Fulton	Red						.21																										0.21
Georgetown	White						T.					T.					.70																0.70
Gilbert	White						.13					.36	.26												T.								0.75
Grannis	Red					.55										T.									.02								0.57
Gravette	Arkansas					1.30	.03				1.74	.35	.03			1.25									1.50								6.20
Harrison	White																																
Helena	Mississippi						.06																										0.06
Higden	White					.05					.06													T									0.11
Hope	Red					.26	.20																										0.46
Hot Springs	Ouachita					.21										.02								.02									0.25
Index	Red						.12																										0.12
Jessieville	Ouachita					.40										.93																	1.33
Jonesboro	White						.27										.43																0.70
Junction	Ouachita																																
Lead Hill	White					.52					.35	.71				T.									T.					T.	T.		1.58
Little Rock***	Arkansas					.08					T.				T.										T.		T.				.04		0.12
Lurton	White					.28		T.			.38	.15				T.															.90		1.71
Lutherville	Arkansas					.54					.23	T.						.04							.04								0.85
Magnolia	Red						.30																										0.30
Malvern	Ouachita						.28										.26																0.54
Mammoth Spg.	White						T.						T.				T.																T.
Marianna	Mississippi																																0.00
Marked Tree	Mississippi						T.										.13																0.13
Marshall	White					.16					.20	.20																			3.00		3.56
Mena	Ouachita						.47																		1.05	.78							2.30
Morrillton	Arkansas					.16										.16											T.						0.32
Mountain Home	White					.50					.35	.50					.06																1.41
Mount Ida	Ouachita					.29																											0.29
Newport	White						.44										.28																0.72
Norman	Ouachita					.35										.63									.10								1.08
Oden	Ouachita					.45					T.					.38									T.								0.83
Okay	Red					.02										T.																	0.02
Osceola	Mississippi																.89																0.89
Ozark	Arkansas						.50					.32	.12			.02		.03							.12								1.11
Paragould	Mississippi					.33										.58															.08		0.99
Patterson	White						.82										.40																1.22
Piggott	Mississippi					.05											.36																0.41
Pine Bluff	Arkansas																.05																0.05
Pocahontas	White					.30										.70																	1.00
Portland	Ouachita						.11	.08																									0.19
Prescott	Ouachita						.47																										0.47
Princeton	Ouachita															.27																	0.27
Rison	Ouachita						.11										.31																0.42
Rogers	White					1.06					.92	.74				.57									.86								4.15
St. Charles	White					.27																											0.27
St. Francis	St. Francis						.15										.59														.04		0.78
Searcy	White						.33					T.					.06																0.39
Springbank	Red						.82										.05																0.87
Story	Ouachita					.44																			.20								0.64
Stuttgart	Arkansas					.01										.11															.14		0.26
Subiaco	Arkansas					.47	T.				.12	.03			T.			.04							.01		T.				T.		0.67
Texarkana	Red						.15																										0.15
Thornburg	Arkansas					.18										T.	.07	.08							T.								0.33
Waldron	Arkansas					.64					.07	.02													T.				T				0.73
Warren	Ouachita						T																						T.				T.
Waters	Ouachita					.54																			.70								1.24
Whitecliffs	Red						.07										T.												T.				0.07
Wilson	Mississippi					.05											.40														T.		0.45
Winslow	Arkansas					1.04		T.			.49	.86	.03	T.		.16		.30												T.	T.		2.88
Wynne	Mississipp					T											.98																0.98
Yancopin	Arkansas						.62										T.																0.62

Daily River Stages for June, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.3	6.6	6.4	6.3	6.3	6.0	6.2	7.4	6.4	5.9	5.6	5.8	7.3	12.0	14.0	14.5	18.2	20.0	19.2	17.0	14.9	13.8	12.8	10.9	9.0	8.6	8.8	10.2	10.7	9.6	
Ozark	do	22	5.0	4.3	3.9	3.5	3.3	3.5	3.3	3.6	4.4	3.5	3.2	2.9	3.1	6.0	10.4	11.6	12.7	17.0	15.5	14.0	12.9	11.5	10.7	8.8	6.6	5.1	4.8	5.8	7.3	6.8	
Dardanelle	do	20	8.1	7.5	7.0	6.7	6.4	6.5	6.4	6.2	6.6	6.8	6.3	6.1	5.9	6.2	9.9	12.4	13.0	16.6	18.2	16.4	14.7	13.5	12.5	11.6	10.0	8.4	7.5	7.3	8.5	9.3	
Morrillton	do	20	6.0	5.5	4.7	4.4	4.0	3.7	3.7	3.5	3.4	4.2	3.9	3.4	3.0	3.0	4.5	9.0	10.8	13.0	16.3	15.8	13.4	12.0	10.6	9.8	8.1	6.0	5.0	4.3	4.8	6.0	
Little Rock	do	23	6.3	6.0	5.2	4.4	3.7	3.3	3.0	3.0	2.9	2.9	3.9	3.3	2.9	2.4	2.3	4.3	9.8	11.0	15.3	16.3	14.7	12.9	11.8	10.5	9.5	7.8	5.9	4.5	4.0	4.4	
Pine Bluff	do	25	12.6	11.8	11.2	10.6	10.2	9.9	9.6	9.4	9.1	9.3	9.3	9.7	9.4	9.1	9.1	8.9	12.0	14.5	16.5	19.2	19.2	17.7	16.6	15.6	14.8	13.7	12.3	11.0	10.3	9.7	
Yancopin	do	29	25.3	24.0	22.7	21.5	20.3	19.2	18.2	17.2	16.5	15.8	15.3	15.0	15.0	14.6	13.8	13.1	12.7	17.3	20.4	23.5	25.2	24.9	23.4	22.1	21.0	20.0	19.0	17.5	15.9	14.5	
Danville	Petit Jean	20	4.4	3.9	3.4	3.3	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.6	2.5	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	18	4.6	4.5	4.3	4.2	4.1	4.1	4.0	3.9	3.7	3.7	3.8	4.0	5.4	5.0	4.7	4.6	4.4	4.6	3.6	3.5	3.5	3.4	3.1	2.8	2.5	2.5	2.5	2.8	2.7	2.7	
Calico Rock	do	23	2.4	1.8	1.8	1.8	1.9	2.0	1.5	1.5	1.6	1.6	1.4	1.4	1.6	3.2	2.8	2.4	1.8	2.4	1.8	1.3	1.4	1.3	1.0	1.0	0.7	1.0	1.0	0.6	1.0	1.1	
Batesville	do	26	7.8	7.4	6.9	6.8	6.8	6.9	6.9	6.5	6.4	6.4	6.4	6.3	6.3	7.0	8.3	7.9	7.5	8.7	7.4	6.6	6.1	6.1	6.0	5.7	5.7	5.4	5.6	5.6	5.8	5.6	
Newport	do	20	6.0	5.5	4.9	4.5	4.2	4.1	4.1	3.8	3.8	3.7	3.6	3.5	3.4	3.4	4.2	4.6	4.1	3.9	3.6	3.8	3.8	3.0	2.8	2.7	2.5	2.4	2.2	2.2	2.1	2.0	
Georgetown	do	21	14.0	12.6	11.3	10.1	9.2	8.2	7.5	7.0	6.8	6.2	5.9	5.6	5.4	5.1	5.0	5.2	5.8	6.0	5.8	5.5	5.2	5.0	4.7	4.4	4.1	3.9	3.7	3.6	3.3	3.1	
De Valls Bluff	do	34	20.2	19.4	18.4	17.4	16.2	15.0	13.9	12.9	12.2	11.6	11.1	10.5	10.1	9.8	9.5	9.3	9.5	9.9	10.1	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.7	7.4	7.2	
Clarendon	do	12	25.8	25.2	24.5	23.7	22.7	21.6	20.4	19.1	17.9	16.8	15.8	14.9	14.0	13.3	12.7	12.3	12.1	12.3	12.5	12.5	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.2	10.0	
Gilbert	Buffalo	14	3.7	3.8	3.5	3.4	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	
Black Rock	Black	30	5.0	4.8	4.7	4.6	4.5	4.5	4.4	4.2	4.0	4.0	3.8	3.6	3.6	3.5	3.4	3.3	3.3	3.1	3.0	2.8	2.7	2.7	2.6	2.5	2.2	2.0	1.8	1.8	1.6	1.5	
Camden	Ouachita	28	19.2	16.7	15.0	13.1	11.8	10.9	10.0	9.3	8.4	7.5	7.0	6.2	5.9	5.0	4.9	4.8	4.7	4.6	5.0	5.0	5.0	4.9	4.7	4.6	4.5	4.4	4.4	4.2	4.2	4.2	
Fulton	Red	44	21.0	19.7	17.7	15.5	13.3	11.5	10.4	10.1	10.1	10.4	10.1	9.0	9.0	8.7	8.6	8.6	8.6	8.4	10.4	17.7	18.8	18.3	16.4	14.3	12.7	11.4	10.7	10.4	10.0	9.5	
Helena	Mississippi	48	21.4	20.4	19.1	17.9	16.7	15.6	14.6	13.6	12.8	12.1	11.6	11.3	10.6	10.4	11.0	12.0	13.0	13.7	13.7	13.3	12.8	12.5	13.8	15.9	17.8	18.9	18.8	18.0	17.2	16.4	
Arkansas City	do	43	32.1	31.0	29.3	27.5	25.8	24.2	23.0	21.2	19.4	18.2	17.2	16.2	15.3	14.5	13.9	13.5	13.2	14.1	16.3	17.7	19.2	19.7	19.9	20.0	20.0	21.9	22.7	23.4	21.5	20.8	

Daily Temperatures for June, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	82	85	87	90	82	81	81	83	83	83	84	89	90	92	91	93	97	100	99	100	104	103	100	99	100	102	100	103	99	98		92.7
	Minimum	50	58	61	63	68	66	54	54	51	54	54	60	66	67	67	68	63	62	67	63	66	69	72	76	74	75	69	69	69	75		64.3
Bentonville	Maximum	78	82	83	84	76	72	74	72	74	64	70	82	86	84	78	84	83	85	89	89	91	93	91	87	92	86	86	93	89	88		82.8
	Minimum	50	56	60	61	62	54	50	47	49	55	58	60	63	70	65	57	61	56	67	67	67	67	69	66	72	64	60	65	76	70		61.5
Bee Branch	Maximum	80	84	86	87	87	79	79	78	79	79	81	86	89	89	89	91	89	93	98	97	99	101	101	100	103	102	96	99	100	100		90.7
	Minimum	44	50	53	57	50	59	48	50	46	56	58	56	59	61	65	67	62	57	63	63	65	65	66	75	69	70	58	65	65	72		59.8
Blytheville	Maximum	83	86	89	89	90	83	80	79	81	84	84	87	90	90	91	87	85	86	93	97	97	102	101	96	99	95	92	94	96	97		90.1
	Minimum	54	58	61	63	68	64	51	52	52	56	62	69	63	67	68	69	66	61	68	73	74	75	76	81	77	76	65	68	70	79		66.2
Booneville	Maximum	82	84	86	88	85	78	78	75	79	75	81	86	89	89	86	91	89	95	98	99	99	102	100	97	101	98	99	104	98	101		90.4
	Minimum	48	56	59	64	64	64	51	55	51	59	60	60	69	72	72	66	62	61	67	63	65	66	69	70	71	72	60	65	80	75		63.9
Brinkley	Maximum	84	87	87	90	90	83	80	77	80	84	85	88	90	92	93	89	91	92	99	99	100	102	100	97	100	99	98	99	101	99		91.8
	Minimum	45	53	55	57	62	62	52	49	45	52	56	61	65	62	65	70	61	58	65	67	67	69	71	76	73	74	57	62	66	69		61.5
Calico Rock§§	Maximum	70	78	86	88	89	77	79	77	80	73	69	85	88	90	89	90	87	89	96	98	100	102	101	98	103	95	96	99	102	100		89.1
	Minimum	44	45	48	50	59	60	46	46	45	46	59	56	57	61	62	65	58	52	61	63	64	63	67	75	70	73	55	61	66	73		58.3
Camden§§	Maximum	84	84	86	89	86	84	80	80	80	84	86	87	90	91	90	89	91	95	98	98	98	98	99	95	100	101	94	98	99	95		91.0
	Minimum	48	54	57	59	66	67	56	56	51	51	56	57	64	64	67	71	61	64	67	66	67	68	70	73	80	80	73	81	80	80		65.1
Center Point	Maximum	81	84	86	88	82	83	83	83	82	80	84	87	86	90	89	92	95	98	98	100	101	100	100	97	102	105	100	100	101	98		91.8
	Minimum	56	62	65	67	66	67	54	57	58	60	62	64	71	71	71	69	65	71	71	70	71	72	75	78	75	75	72	72	75	75		67.9
Conway	Maximum	84	87	88	89	88	84	83	79	81	80	84	88	90	92	90	93	92	93	99	99	99	102	101	98	102	100	97	100	100	101		92.1
	Minimum	48	53	57	60	64	52	42	41	49	56	61	60	61	63	67	70	62	59	64	67	67	67	70	74	72	72	59	64	70	75		61.5
Corning	Maximum	83	87	90	90	87	79	79	78	83	84	82	89	91	91	93	94	89	89	95	100	101	104	103	100	103	99	99	98	102	99		92.0
	Minimum	44	49	59	58	64	61	49	48	45	50	59	61	64	64	65	69	60	54	60	69	67	69	72	79	71	72	58	59	63	72		61.1
Dardanelle	Maximum	84	85	88	90	87	82	81	81	81	78	84	90	92	92	89	96	91	95	100	100	100	102	101	98	103	100	96	101	101	101		92.3
	Minimum	49	55	59	62	66	63	54	54	51	59	60	60	64	69	72	68	65	62	68	66	67	68	72	75	73	74	61	66	75	75		64 4
Dumas	Maximum	88	89	91	93	92	85	78	77	78	86	87	91	91	94	94	89	92	97	103	103	102	104	104	101	104	102	98	102	103	100		93.9
	Minimum	48	53	57	58	67	66	56	54	50	51	52	59	65	62	65	71	61	60	68	70	69	70	73	72	73	72	62	65	68	70		62.9
Dutton	Maximum	77	79	82	84	75	73	74	74	73	64	66	79	83	84	75	85	82	85	89	90	91	94	92	86	92	89	92	92	92	92		82.8
	Minimum	44	50	54	55	59	53	39	40	40	52	53	51	55	59	63	58	54	48	58	56	56	55	60	64	63	62	50	54	62	65		54.5
El Dorado	Maximum	85	87	88	91	88	85	80	80	80	83	86	89	90	92	92	90	92	96	98	98	99	99	99	95	100	101	95	99	99	96		91.7
	Minimum	53	58	61	62	70	64	58	57	54	55	59	62	68	69	70	72	66	67	72	72	73	73	76	77	74	74	71	73	73	65		66.6
Eureka Springs	Maximum	78	82	83	84	78	73	74	73	76	69	66	80	84	84	79	83	82	85	88	88	90	92	91	86	91	88	89	92	91	90		83.0
	Minimum	49	57	61	65	62	55	50	47	50	54	56	60	67	65	67	60	61	55	66	72	71	72	74	65	73	67	74	64	76	76		63.0
Fayetteville	Maximum	79	82	84	85	83	73	75	74	75	70	69	80	84	83	81	85	83	85	89	89	91	93	92	89	92	90	92	94	93	90		94.1
	Minimum	47	59	63	64	62	55	47	47	49	55	55	60	67	71	67	59	64	57	68	66	65	64	74	67	74	67	57	65	76	71		62.1
Fort Smith	Maximum	82	84	86	87	80	76	78	78	76	67	74	86	89	89	80	89	87	90	95	94	95	98	97	94	99	91	93	101	96	93		87.5
	Minimum	55	61	62	66	65	60	56	60	57	57	60	63	68	71	71	66	68	66	72	71	69	72	75	70	76	73	66	72	77	77		66.7
Grannis	Maximum	80	83	84	87	77	80	81	83	80	76	82	86	86	89	90	94	96	96	96	98	100	99	97	95	99	104	100	100	98	96		90.4
	Minimum	42	49	54	60	62	63	46	49	48	51	52	52	63	62	61	62	57	56	58	58	58	61	63	69	65	66	56	60	63	65		57.7
Gravette	Maximum	77	81	80	83	80	76	73	75	73	68	75	80	84	83	80	84	84	83	94	88	91	92	89	87	90	87	89	88	90	91		82.9
	Minimum	52	58	62	65	62	53	45	46	52	54	51	61	66	69	62	55	62	59	67	65	64	63	71	65	63	66	57	54	66	67		60.1
Helena	Maximum	82	86	88	89	88	83	78	75	78	85	81	87	89	88	94	90	86	91	95	97	99	101	100	97	99	97	91	95	98	97		90.1
	Minimum	54	61	63	65	70	65	51	54	56	56	59	66	67	67	68	70	61	58	71	72	69	69	72	75	74	73	63	64	72	75		65.3
Hope	Maximum	89	91	94	96	88	88	84	87	85	83	91	94	97	96	94	94	96	100	102	103	103	103	103	102	104	106	100	104	103	100		96.0
	Minimum	45	50	60	62	68	66	55	55	53	53	60	63	67	67	66	66	61	62	69	65	66	68	68	65	68	73	63	67	67	75		63.1
Hot Springs	Maximum	83	86	87	90	84	83	81	79	80	78	84	89	89	91	91	92	92	93	98	99	100	101	100	98	102	103	98	99	100	101		91.7
	Minimum	59	49	55	62	64	69	58	49	56	52	53	59	62	64	66	68	65	63	63	66	70	72	71	76	73	74	67	67	69	69		63.7
Jonesboro	Maximum	83	88	90	90	87	79	79	78	81	82	85	88	89	91	92	91	88	89	97	100	101	102	100	99	100	97	95	97	100	98		91.2
	Minimum	48	54	59	59	67	64	54	51	50	59	60	59	59	60	65	69	64	61	61	73	74	74	77	79	76	78	65	67	69	77		64.4
Lead Hill	Maximum	83	86	88	90	80	75	77	75	79	69	69	85	89	90	80	88	85	89	96	95	96	100	99	96	102	92	94	100	100	93		88.0
	Minimum	39	46	49	53	57	69	43	42	43	68	57	63	57	61	66	57	55	49	60	60	61	60	65	62	66	66	63	67	68	74		57.9
Little Rock	Maximum	81	85	86	87	85	80	78	74	78	78	81	86	88	89	89	90	89	92	97	97	99	99	97	94	99	97	93	96	96	95		89.2
	Minimum	57	61	65	66	68	66	59	58	56	61	61	64	66	69	70	71	68	69	72	74	76	76	76	78	77	78	71	72	75	77		68.5
Lutherville	Maximum	81	84	87	88	79	78	78	77	78	68	78	86	88	90	86	91	88	91	97	94	95	99	100	94	101	95	96	100	100	98		88.8
	Minimum	53	57	62	63	63	63	48	55	52	57	58	60	64	67	71	66	63	60	71	69	68	67	72	71	72	74	68	71	74	76		64.5
Magnolia	Maximum	85	85	87	89	86	83	82	81	80	87	86	89	90	92	92	89	91	95	98	97	98	99	99	98	100	100	99	101	101	100		92.0
	Minimum	54	59	60	62	69	67	56	54	53	54	58	63	69	68	69	71	61	64	68	68	68	70	72	75	73	71	73	70	73	74		65.5
Malvern	Maximum	84	87	86	90	88	81	85	82	83	85	84	88	90	94	93	95	95	96	100	101	100	101	102	98	102	107	100	103	100	99		96.4
	Minimum	47	53	58	59	61	66	52	52	49	50	56	56	62	64	65	69	61	61	66	65	64	66	69	74	71	72	62	68	67	71		61.9
Marianna	Maximum	85	85	86	89	88	82	78	79	79	83	84	86	88	88	88	88	86	90	97	99	100	102	102	96	99	96	93	98	97	97		90 3
	Minimum	50	50	59	60	70	66	56	48	48	55	57	65	72	66	67	67	66	62	71	73	70	72	72	76	75	74	63	65	68	68		64.4
Marshall	Maximum	80	83	85	87	84	77	77	74	80	72	69	81	87	89	89	85	86	87	97	95	97	100	100	96	103	98	94	99	101	99		88.4
	Minimum	44	60	59	62	65	59	44	44	43	57	58	63	66	68	65	66	78	50	67	61	63	63	64	74	78	62	55	60	82	64		61.5
Mena	Maximum	82	85	87	89	83	77	77	78	79	70	84	86	87	90	82	89	90	96	97	97	100	101	98	93	98	95	94	99	96	95		89.1
	Minimum	48	57	61	65	64	62	50	52	51	48	57	57	67	70	65	65	61	61	67	64	66	69	72	68	72	72	65	65	73	74		62.9
Mount Ida	Maximum	82	84	86	88	82	80	81	80	79	74	82	86	88	89	88	91	92	95	97	98	100	99	98	96	100	101	97	100	98	94		90.2
	Minimum	40	48	62	57	63	59	46	47	43	50	51	52	58	63	63	63	55	55	60	57	58	61	63	70	66	67	58	63	71	69		57.9
Newport	Maximum	86	88	90	91	89	82	82	79	82	84	84	88	95	92	94	92	92	89	100	100	102	101	101	99	101	99	98	100	101	100		92 7
	Minimum	47	52	56	58	62	62	53	51	48	63	59	63	65	61	65	69	64	61	65	67	69	69	72	77	74	73	61	66	69	73		63.1
Pine Bluff	Maximum	81	84	86	86	86	81	77	75	78	80	82	85	87	90	90	88	88	90	95	96	96	97	96	94	98	96	92	96	98	95		88.8
	Minimum	51	57	60	62	67	65	57	58	52	55	58	60	65	66	68	70	66	66	70	71	72	74	75	77	75	76	67	68	72	76		65.9
Pocahontas	Maximum	81	85	88	88	86	79	76	77	81	83	80	87	89	90	92	89	87	88	95	99	99	102	102	101	100	99	97	97	99	98		90.5
	Minimum	45	51	54	56	59	60	50	55	48	54	59	60	60	60	69	68	65	59	63	67	69	70	69	80	71	77	65	64	65	71		62.1
Portland	Maximum	83	85	86	89	89	86	80	79	80	83	87	86	87	90	90	90	93	96	98	100	99	100	101	97	101	101	95	100	99	94		91.5
	Minimum	51	54	57	59	65	66	59	55	53	51	56	58	63	62	66	69	62	63	68	70	71	69	70	72	71	70	68	66	65	70		63.3
Prescott	Maximum	89	88	90	94	86	85	84	84	89	85	86	91	93	90	96	95	96	99	100	101	101	103	101	101	103	105	101	101	101	100		94.6
	Minimum	53	56	59	62	66	66	57	53	56	54	58	60	65	66	66	70	69	68	70	70	69	72	74	72	82	72	70	66	69	73		65.4
Rison	Maximum	84	87	88	90	89	84	80	80	82	85	86	98	91	93	94	90	91	95	100	101	100	101	100	99	102	102	97	101	102	97		93.0
	Minimum	49	56	58	61	66	67	54	54	52	51	52	59	64	64	66	70	65	64	70	69	69	71	73	76	74	72	65	69	70	74		64 1
Searcy	Maximum	81	85	87	88	88	79	79	77	80	81	83	87	89	90	90	92	89	93	100	100	100	103	101	98	101	100	97	98	100	98		91.1
	Minimum	47	51	56	57	60	61	52	51	48	57	58	58	60	60	64	70	65	60	64	65	66	69	70	77	72	72	60	65	65	70		61.7
Stuttgart	Maximum	85	88	90	90	89	83	79	77	82	86	86	89	91	92	93	90	88	93	100	100	99	100	100	98	100	100	94	100	101	98		92.0
	Minimum	57	58	62	66	65	55	53	49	54	66	62	67	65	68	70	64	62	70	69	70	70	74	76	75	74	60	65	70	72	70		65.3
Texarkana	Maximum	85	80	88	90	85	84	82	84	84	85	86	88	89	93	93	93	95	97	97	99	99	98	98	97	100	103	97	99	98	97		92.1
	Minimum	60	60	61	63	65	65	54	56	54	55	56	58	60	61	67	68	65	65	67	69	70	71	69	70	73	77	73	68	72	73		64.8
Thornburg	Maximum	78	80	83	84	83	76	77	75	77	73	80	84	86	89	87	90	88	92	96	97	97	100	99	95	101	99	95	99	100	99		88.6
	Minimum	42	46	52	64	64	54	44	43	41	46	59	57	62	64	68	64	55	53	52	57	59	60	64	75	69	69	52	55	79	80		58.3
Warren	Maximum	84	86	87	90	89	86	85	79	81	85	84	85	89	91	92	93	92	97	99	100	99	100	101	100	101	101	98	100	100	96		92.3
	Minimum	51	59	61	62	68	68	57	56	53	53	58	61	65	66	68	71	67	67	72	71	72	76	76	77	75	75	68	71	71	74		66.3
Wilson	Maximum	82	88	88	88	88	82	82	78	80	84	84	87	88	89	90	87	87	88	97	100	100	101	101	100	98	98	94	93	95	98		90.5
	Minimum	48	55	55	58	68	63	50	51	45	55	60	66	67	67	66	68	63	59	63	73	71	72	74	77	76	77	61	64	68	76		63.9
Wynne	Maximum	80	85	86	86	98	78	76	74	77	81	84	86	87	88	89	85	83	84	93	95	96	97	89	94	97	93	90	95	98	95		88.0
	Minimum	46	58	64	64	68	66	51	50	45	56	58	66	68	68	69	68	64	60	70	70	70	72	73	77	75	70	55	63	72	75		64.4

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark., 7-23-30--980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., JULY, 1930 No. 7

GENERAL SUMMARY

June, 1930, with an average rainfall of 0.87 inch, was the driest June of the past 40 years and was in turn followed by an even drier July when the rainfall of 91 stations averaged only 0.74 inch. Not only was July the driest on record in Arkansas, but it was also the warmest, exceeding the previous warm July of 1901 by 1.0°. In many localities the average daily maximum temperatures for the month exceeded 100° and the extreme of 115° at Hope, Rison, and Subiaco on the 29th is within 1.0° of the absolute highest ever recorded in Arkansas. Many stations recorded the highest for all time, 107.7° at Little Rock being 1.8° higher than ever before registered. Mammoth Spring reported no rain during June and only a trace during July while at Little Rock no rain of consequence occurred after the 23d day of May. Many other localities were equally dry. The unprecedented and prolonged hot, dry weather virtually destroyed crops in many localities in the hill sections of the State and even the lowland crops were badly damaged. Cotton was still small at the close of the month and in many localities was blooming in the top. Most early corn was damaged beyond recovery, but late corn will still make if rain occurs. The acreage of abandoned rice, due to water shortage, is the largest ever reported. Melons, truck, and all smaller crops were badly damaged. In many localities abundant rains would do no good except lay the dust and permit the planting of fall crops. The loss to growing crops in Arkansas cannot be accurately determined, but this is the most disastrous drought on record and no relief has occurred up to the close of the month.

The mean temperature for the State, as determined from the records of 63 stations was 84.7° which is 4.7° above normal, all stations for which normals have been computed showing positive departures. Monthly means ranged from 77.3° at Dutton to 88.2° at Center Point, a difference of 10.9° between northwestern and southern sections of the State. The highest temperature recorded was 115° at several stations on the 29th, the lowest 42° at Dutton on the 16th. The greatest daily range was 52° at Lead Hill on the 17th. Rainfall was light and scattered throughout the month, the only showers of consequence occurring the 23d and 24th. Rainfall was heaviest in northwestern counties, Marshall, Searcy County, measuring 3.80 inches which was the heaviest recorded. Only about 25% of the stations reported monthly totals reaching 1.00 inch. The greatest amount for any 24-hour period was 2.89 inches at Freeman Springs on the 23d. The average number of days with 0.01 inch or more was 2. All streams remained at low stages throughout the month. W.C.H.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:---1st, 25; 2d, 4; 3d, 7; 4th, 8; 5th, 3; 6th, 1; 7th, 27; 8th, 34; 9th, 25: 10th, 10; 11th, 7; 12th, 8; 13th, 3; 14th, 3; 15th, 1; 18th, 1; 20th, 1; 21st, 7; 22d, 34; 23d, 32; 24th, 36; 25th, 19; 26th, 4; 27th, 1; 28th, 2; 29th, 2; 30th, 5; 31st, 14.

LUNAR HALOS:-----1t, 1; 2d, 1; 4th, 1; 10th, 1; 12th, 1; 30th, 1; 31st, 1.

SOLAR HALOS:----8th, 1; 13th, 1; 22d, 1; 24th, 1; 27th, 1.

Straight Blow: Mena, 8th, considerable damage.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement, miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.98	30.18	31	29.76	12	2,721	15	sw.	16	......	......	92
Fort Smith	29.96	30.12	16	29.77	13	3,721	24	sw.	1	67	42	84
Little Rock	29.99	30.15	16	29.73	13	5,088	20	n.	14	60	34	83
Memphis	29.98	30.14	16	29.71	13	4,914	20	ne.	13	64	40	75

COMPARATIVE DATA FOR JULY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	80.0		116		40		3.82		15	11	5	8
1891	76.5	−3.5	103	22	50	9	7.24	+3.42	13	8	10	10
1892	79.0	−1.0	104	19	52	4	3.58	−0.24	10	11	10	10
1893	80.9	+0.9	103	28	59	19	2.94	−0.88	17	11	3	6
1894	78.4	−1.6	108	1	51	24	3.98	+0.16	17	9	5	6
1895	78.9	−1.1	104	19	55	9	7.34	+3.52	12	10	9	12
1896	83.4	+3.4	110	31	52	9	1.61	−2.21	16	11	4	4
1897	82.4	+2.4	109	30	50	13	3.25	−0.57	16	11	4	5
1898	79.9	−0.1	105	22	50	11	4.25	+0.43	12	13	6	8
1899	79.0	−1.0	100	16	52	10	5.14	+1.32	15	11	5	8
1900	79.7	−0.3	102	3	51	28	4.46	+0.64	10	15	6	9
1901	83.7	+3.7	116	12	50	10	2.49	−1.33	15	13	3	6
1902	79.4	−0.6	105	16	50	21	4.49	+0.67	14	12	5	6
1903	79.6	−0.4	105	9	53	13	3.86	+0.04	13	12	6	9
1904	77.9	−2.1	104	20	49	24	4.43	+0.61	13	13	5	10
1905	76.7	−3.3	106	14	51	4	7.60	+3.78	10	13	8	13
1906	76.7	−3.3	99	22	48	3	5.96	+2.14	13	9	9	10
1907	81.4	+1.4	108	23	53	4	1.96	−1.86	21	8	2	4
1908	79.2	−0.8	103	16	48	4	3.00	−0.82	15	12	4	8
1909	81.9	+1.9	106	31	50	21	2.51	−1.31	19	9	3	5
1910	79.4	−0.6	105	29	41	18	5.46	+1.64	15	12	4	10
1911	78.4	−1.6	106	3	43	25	4.83	+0.01	9	14	8	11
1912	81.3	+1.3	104	25	56	1	2.82	−1.00	15	13	3	6
1913	81.5	+1.5	104	6	55	21	4.31	+0.49	13	14	4	8
1914	82.6	+2.6	107	14	51	31	2.69	−1.13	11	15	5	7
1915	77.1	−2.9	107	30	43	5	2.40	−1.42	20	7	4	5
1916	82.8	+2.8	108	19	55	9	2.09	−1.73	19	9	3	6
1917	79.6	−0.4	106	1	50	4	5.10	+1.28	15	9	7	8
1918	79.6	−0.4	111	25	49	1	1.53	−2.29	19	7	5	4
1919	81.2	+1.2	104	11	54	18	1.91	−1.91	19	8	4	5
1920	79.8	−0.2	105	24	52	9	4.22	+0.40	15	10	6	7
1921	82.0	+2.0	107	4	54	23	2.42	−1.40	19	8	4	6
1922	80.2	+0.2	106	31	45	5	4.12	+0.30	14	11	6	7
1923	79.9	−0.1	105	24	48	1	3.53	−0.29	16	9	6	6
1924	79.0	−1.0	110	23	49	1	2.35	−1.47	18	8	5	5
1925	81.8	+1.8	109	16	47	3	4.99	+1.17	11	11	9	10
1926	79.8	−0.2	109	4	47	15	3.55	−0.27	17	9	5	8
1927	79.6	−0.4	104	11	49	4	2.25	+0.43	17	9	5	6
1928	80.3	+0.3	102	23	52	14	3.66	−0.16	17	8	6	8
1929	81.2	+1.2	105	17	51	21	3.07	−0.75	17	10	4	7
1930	84.7	+4.7	115	29	42	16	0.74	−3.08	21	8	2	2

Climatological Data for July, 1930

				Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days					
Stations	Counties	Elevation, feet	Length of record years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	35	87.0	+6.9	114	29	63	16†	39	0.12	−3.84	0.12	0.0	1	12	19	0	s.	J. W. Campbell
Arkadelphia	Clark	250	34	....	....	....	....	....	....	....	0.02	−3.73	0.02	0.0	1	24	6	1	s.	W. K. Bown
Arkansas City	Desha	145	46	....	....	....	....	....	....	....	1.88	−1.93	0.74	0.0	5	25	3	3	....	J. H. Catham
Arlberg	Stone	700	8	....	....	....	....	....	....	....	1.12	....	0.45	0.0	3	20	10	1	ne.	J. D. Reeves
Batesville	Independence	277	31	82.4	+2.6	107	11†	48	16	49	1.33	−1.91	1.00	0.0	4	27	2	2	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	84.8	+4.8	111	29	55	16†	45	0.60	−3.11	0.50	0.0	2	18	12	1	w.	J. E. Scanlan
Bentonville	Benton	1303	25	80.4	+1.9	103	28	49	16	41	2.00	−2.31	1.89	0.0	3	29	2	0	sw.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	....	....	....	....	....	....	....	1.93	−1.96	1.50	0.0	3	25	2	4	s.	Vernon C. Howe
Blytheville	Mississippi	252	5	84.9	....	108	28	57	17	37	0.03	....	0.01	0.0	3	16	11	4	s.	B. E. Smith
Booneville	Logan	465	16	85.8	+4.7	112	29	56	16	43	1.95	−1.16	1.01	0.0	5	13	16	2	s.	F. H. Randolph
Brinkley	Monroe	205	43	85.3	+4.5	111	29	53	16†	46	0.64	−3.45	0.62	0.0	2	27	1	3	ne.	R. J. Torry
Calico Rock	Izard	361	26	83.5	+4.0	109	12†	51	16	49	1.26	−2.18	0.78	0.0	3	16	15	0	sw.	W. J. Copp
Camden	Ouachita	158	45	84.5	+3.5	106	28†	56	17	42	0.06	−3.85	0.06	0.0	1	19	12	0	sw.	A. B. Quarterman
Center Point	Howard	470	31	88.2	+6.8	112	29	68	16	34	0.00	−4.10	0.00	0.0	0	20	10	1	sw.	John C. Floyd
Clarendon	Monroe	200	26	....	....	....	....	....	....	....	0.19	−3.15	0.07	0.0	4	16	11	4	sw.	J. W. Bishop
Clinton	Van Buren	516	9	....	....	....	....	....	....	....	0.13	....	0.13	0.0	1	22	9	0	w.	A. L. Stephens
Conway	Faulkner	309	47	86.4	+4.8	114	28†	57	16†	45	0.43	−2.89	0.20	0.0	3	14	15	2	sw.	E. E. Cordrey
Corning	Clay	293	37	84.5	+5.6	110	11†	48	16	49	0.70	−2.77	0.44	0.0	2	25	5	1	sw.	Winfred D. Polk
Corning (river)	Clay	280	6	....	....	....	....	....	....	....	....	....	....	....	.	..	..	..	....	Henry Stafford
Cotter	Baxter	408	3	....	....	....	....	....	....	....	2.35	....	1.88	0.0	4	20	10	1	s.	Charles Turnipseed
Crossett	Ashley	175	15	85.8	+4.6	113^{a}	30	58	17	40^{a}	0.43	−4.15	0.39	0.0	2	17	11	3	sw.	G. A. Gifford
Danville	Yell	327	14	....	....	....	....	....	....	....	1.34	−1.80	0.70	0.0	3	27	1	3	e.	C. G. Hudson
Dardanelle	Yell	330	44	86.0	+4.6	110	29	59	16	40	0.20	−3.33	0.10	0.0	2	15	15	1	s.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	....	....	....	....	....	....	....	0.20	....	0.12	0.0	2	28	2	1	....	H. G. Pate
Dumas	Desha	162	24	86.4	+4.8	111	29	51	17	47	0.78	−2.64	0.48	0.0	4	11	11	9	s.	Ben Johnson
Dutton	Madison	1590	27	77.3	+1.6	105	29	42	16	50	0.46	−3.78	0.45	0.0	2	22	9	0	s.	J. M Ricketts
El Dorado	Union	270	29	87.2	+5.7	110	29	64	17	36	0.28	−2.99	0.28	0.0	1	12	15	4	sw.	J. J. Babb
England	Lonoke	229	23	85.5	+4.2	112	29	55	17	43	0.07	−2.34	0.07	0.0	1	28	2	1	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	83.2	+5.2	106	28	55	16	40	0.40	−3.55	0.28	0.0	3	21	10	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	82.0	+4.0	106	28	48	16	44	0.25	−3.87	0.14	0.0	4	20	11	0	sw.	University of Arkansas
Fort Smith	Sebastian	457	49	85.9	+4.4	108	29	61	16	33	1.19	−2.28	0.72	0.0	4	13	14	4	sw.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	6	....	....	....	....	....	....	....	3.31	....	2.89	0.0	4	29	2	0	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	44	....	....	....	....	....	....	....	0.04	−3.37	0.02	0.0	2	20	8	3	....	T. J. Logan
Georgetown	White	200	18	....	....	....	....	....	....	....	0.20	−2.41	0.29	0.0	1	17	8	6	....	W. R. Owens
Gilbert	Searcy	675	7	....	....	....	....	....	....	..	1.02	....	0.60	0.0	4	11	20	0	....	Ben F. Battenfield
Grannis	Polk	900	11	82.7	+4.0	113	29	55	17	45	0.08	−3.99	0.08	0.0	1	17	13	1	w.	W. E. McVay
Gravette	Benton	1250	33	80.9	+3.7	106	28	49	16	44	0.14	−4.05	0.05	0.0	3	21	7	0	sw.	A. F. Stevens
Harrison ††	Boone	1052	29	82.2^{a}	+5.7	107^{a}	27	48^{a}	17	53^{a}	0.43	−3.89	0.20	0.0	4	25	6	0	....	Mrs. G. L. Wright
Helena	Phillips	250	38	84.8	+3.5	111	28	57	16†	38	1.34	−2.46	0.53	0.0	4	8	21	2	sw.	James A. Burnett
Higden	Cleburne	445	12	....	....	....	....	....	....	....	0.31	....	0.25	0.0	3	21	10	0	w.	Geo. W. Baker
Highland	Pike	....	1	87.2	....	111	29	65	17	36	0.16	....	0.10	0.0	3	16	11	4	s.	Tom W. Stewart
Hope	Hempstead	377	39	87.5	+6.9	115	29	60	17†	44	0.36	−4.16	0.32	0.0	2	24	6	1	s.	N. P. O'Neal
Hot Springs	Garland	600	39	86.8	+5.4	110	13†	66	2	33	1.16	−3.07	0.76	0.0	3	28	3	0	....	G. C. Bolton
Index ‡‡	Little River	275	5	....	....	....	....	....	....	....	0.15	....	0.15	0.0	1	18	10	3	....	H. G. Sanderson
Jessieville	Garland	750	4	....	....	....	....	....	....	....	1.21	....	1.03	0.0	3	27	3	1	....	U. S. Forest Service
Jonesboro	Craighead	345	35	86.8	+6.9	109	12†	56	16	38	0.67	−2.89	0.29	0.0	4	23	8	0	sw.	Benedictine Sisters
Junction ‡‡	Union	182	36	84.6	+2.7	111	29	58	17	40	0.56	−3.51	0.56	0.0	1	30	1	0	se	J. A. Lowderback
Lead Hill	Boone	650	3	82.2	....	109	27†	47	16	52	0.66	....	0.25	0.0	4	26	5	0	sw.	J. H. Crosswhite
Little Rock	Pulaski	357	51	86.4	+5.5	108	29	65	16	27	0.01	−3.49	0.01	0.0	1	17	12	2	sw.	U. S. Weather Bureau
Lurton	Newton	2100	5	80.9^{a}	....	102^{b}	29	60	2†	27^{b}	0.71	....	0.49	0.0	3	24	7	0	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	32	86.6	+7.2	111	29	61	16	38	0.27	−3.23	0.27	0.0	1	21	10	0	w.	H. G. Lenhardt
Magnolia	Columbia	315	11	86.4	+4.6	112	29	63	17	38	0.00	−3.24	0.00	0.0	0	13	18	0	nw.	State Agri. School
Malvern	Hot Springs	277	43	86.3	+5.3	114	29	57	17	45	0.40	−3.05	0.40	0.0	1	30	1	0	sw.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	82.2	+4.2	106	28	53	16	44	T.	−3.57	T.	0.0	0	25	6	0	sw.	S. F. Whittaker
Marianna	Lee	235	18	85.1	+4.9	108	13	52	17	43	0.73	−2.97	0.37	0.0	3	21	7	3	s.	C. N. Houck
Marked Tree	Poinsett	229	25	83.5	+2.9	107	12†	53	16	41	0.63	−2.77	0.36	0.0	4	26	5	0	n.	Charles Walton
Marshall	Searcy	1070	16	82.2	+3.4	107	28	50	16	43	3.80	+0.53	2.70	0.0	6	22	6	3	sw.	A. J. Parks
Mena	Polk	1185	42	85.3	+5.5	109	28†	61	16	38	0.18	−3.87	0.18	0.0	1	19	9	3	sw.	E. W. St. John
Morrilton	Conway	347	9	86.8	....	111	29	61	16†	41	0.53	....	0.53	0.0	1	17	13	1	sw.	John Cook
Mountain Home	Baxter	800	16	83.2	+5.9	108	28	51	16	44	0.91	−3.51	0.53	0.0	4	14	13	4	w.	B. S. Halbert
Mount Ida	Montgomery	650	31	82.4	+2.9	110	29	52	16	47	1.92	−1.60	1.60	0.0	3	21	7	3	sw.	G. A. Whittington
Newport	Jackson	231	46	86.2	+5.2	112	28	56	17†	44	0.35	−2.81	0.34	0.0	2	26	5	0	n.	A. C. Wilkerson
Norman	Montgomery	750	3	....	....	....	....	....	....	....	....	....	....	....	.	..	..	.	....	U. S. Forest Service
Oden	Montgomery	800	4	....	....	....	....	....	....	....	0.05	....	0.05	0.0	1	18	11	2	sw.	U. S. Forest Service
Okay	Howard	288	1	85.1	....	110	29	66	15†	38	0.05	....	0.05	0.0	1	22	9	0	sw.	Frank K. Hensley
Osceola	Mississippi	240	32	84.2	+4.1	108	12	57	16	37	2.40	−1.16	1.50	0.0	3	24	4	3	s.	June Thomason
Ozark	Franklin	396	34	85.4	+3.6	113	29	58	17	42	0.10	−3.25	0.10	0.0	1	27	0	4	se.	Orkney O. Milton
Paragould	Greene	301	4	....	....	....	....	....	....	....	0.86	....	0.55	0.0	3	27	4	0	s	W. R. Heagler
Patterson	Woodruff	196	14	....	....	....	....	....	....	....	0.49	−2.67	0.35	0.0	2	31	0	0	s.	W. E. Baker
Piggott	Clay	307	6	....	....	....	....	....	....	....	0.89	....	0.60	0.0	4	26	5	0	sw.	V. C. Wright
Pine Bluff	Jefferson	215	43	86.3	+4.1	109	29	60	17	35	0.01	−3.51	0.01	0.0	1	20	8	3	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	85.4	+3.7	109	12	58	3	44	0.94	−3.58	0.48	0.0	4	25	6	0	ne.	Benedictine Sisters
Portland	Ashley	122	24	85.2	+3.7	107	12†	57	17	41	0.71	−3.79	0.39	0.0	4	12	17	2	s.	W. E. Edmiston
Prescott	Nevada	329	42	88.0	+6.3	112	29	62	17	37	0.92	−2.20	0.92	0.0	1	27	1	3	s.	C. D. Calhoun
Princeton	Dallas	287	24	....	....	....	....	....	....	....	0.24	−4.15	0.24	0.0	1	29	0	2	....	Mrs. Dora Coleman
Rison	Cleveland	243	29	87.2	+6.4	115	29	60	16†	41	0.83	−2.47	0.62	0.0	2	25	6	0	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	81.1	+4.1	109	28	48	16	46	1.23	−2.88	1.05	0.0	3	21	9	1	s.	Carl A. Starck
St. Charles	Arkansas	175	1	85.8	....	111	29	57	16	39	0.43	....	0.31	0.0	2	18	12	1	s.	Ballard Deane
St. Francis	Clay	290	2	....	....	....	....	....	....	....	1.28	....	0.58	0.0	3	26	2	3	....	S. T. Rooney
Searcy	White	236	21	81.8^{b}	+4.1	109^{b}	11	55	16†	44^{b}	3.02	+0.53	2.02	0.0	4	26	5	0	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	....	....	....	....	....	....	....	0.27	−3.61	0.27	0.0	1	27	3	1	....	Miss Grace Field
Story	Montgomery	700	6	....	....	....	....	....	....	....	0.82	....	0.43	0.0	2	23	8	0	s.	S. C. Story
Stuttgart	Arkansas	228	43	86.6	+5.9	112	29	56	16	37	0.18	−3.70	0.18	0.0	1	19	12	0	s.	Adam F. Buerkle
Subiaco	Logan	1050	33	87.8	+6.5	115	29	57	16	41	1.22	−1.16	0.38	0.0	4	12	14	5	s.	New Subiaco Abbey
Texarkana	Miller	332	41	85.6	+3.3	110	29	65	16	36	0.15	−3.27	0.15	0.0	1	20	10	1	s.	H. S. Brashear
Thornburg	Perry	650	6	82.7	....	110	29	50	16	48	1.56	....	1.39	0.0	4	18	11	2	s.	Edward E. Holmes
Waldron	Scott	675	11	....	....	....	....	....	....	....	1.17	−1.27	0.58	0.0	6	15	12	4	nw.	Dr. Cheves Bevill
Warren	Bradley	206	36	86.8	+5.0	107	13†	62	16	35	0.80	−2.63	0.40	0.0	3	20	11	0	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	....	....	....	....	....	....	....	0.42	....	0.22	0.0	3	22	7	2	sw.	J. R. Huddleston
Whitecliffs	Little River	290	26	....	....	....	....	....	....	....	T.	−2.14	T.	0.0	0	20	5	6	w.	Nannie O. Schirmer
Wilson	Mississippi	237	5	83.9	....	108	12	52	16	41	0.28	....	0.14	0.0	3	31	0	0	se.	M. W. H. Collins
Winslow	Washington	1734	15	78.8	+3.1	103	29	46	16	44	0.46	−4.82	0.25	0.0	2	16	14	1	s.	J. D. Black
Wynne	Cross	250	22	84.4	+3.4	108	12†	53	16	36	1.30	−2.48	0.60	0.0	4	15	13	3	s.	R. T. Cobbs
Yancopin	Desha	167	6	....	....	....	....	....	....	....	0.11	....	0.05	0.0	3	23	4	4	....	W. E Barton
State Means and Extremes				84.7	+4.7	115	29	42	16	52	0.74	−3.08	2.89	0.0	2	21	8	2	sw.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Freeman Springs, Simpson: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for July, 1930

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		.12																														0.12
Arkadelphia	Ouachita		T.								.02																						0.02
Arkansas City	Mississippi		T.	.06									T			.12								.74	.59	.37							1.88
Arlberg	White	.45																						.31	.36								1 12
Batesville	White		T.						.01					T.										.26	.06	1 00	T.						1.33
Bee Branch	Arkansas	.50																						.10									0.60
Bentonville ***	Arkansas			T.					.06														T.	1.89								.05	2.00
Black Rock	White									1.50														.03		.40							1.93
Blytheville	Mississippi																							.01	.01							.01	0.03
Booneville	Arkansas	1.01			.49																			T.	.04	.08						.33	1.95
Brinkley	White	.02																							.62								0.64
Calico Rock	White	.78							T.	T.	T.												T.	T.	T.	.46						.02	1.26
Camden	Ouachita										.06																						0.06
Center Point	Red																																0.00
Clarendon	White	.05									.07														.04	.03							0.19
Clinton	White																								.13								0.13
Conway	Arkansas	.18			T.			T.		.20														.05								T.	0.43
Corning	White								T.		T.															.26	.44						0.70
Corning (river)	White																																....
Cotter	White								.08	.30													.09	T.		1.88							2.35
Crossett	Ouachita										.39															T.	.04					T.	0.43
Danville	Arkansas		.70																					.31								.33	1.34
Dardanelle	Arkansas																								.10							.10	0.20
De Valls Bluff	White	.12																							.08								0.20
Dumas	Mississippi	T.		.08	T.									.48		.02								.20	T.		T.						0.78
Dutton	White									.45	.01																					T.	0.46
El Dorado	Ouachita										T.																.28						0.28
England	Arkansas								.07			T.																					0.07
Eureka Springs	White								.10															.02								.28	0.40
Fayetteville	White				T.				.02	.14													T.	.05								.04	0.25
Fort Smith ***	Arkansas	.72		.06																											.05	.36	1.19
Freeman Sprgs.	Arkansas	.15										.08													2.89	.19							3.31
Fulton	Red					.02					.02																				T.		0.04
Georgetown	White	T.																						T	.20								0.20
Gilbert	White	.60							.20		.20														T.	.02							1.02
Grannis	Red	T.	T.	T.	T.										T.															T.	.08	T.	0.08
Gravette	Arkansas					.05			T.														.04									.05	0.14
Harrison	White							.20	.02																.15							.06	0.43
Helena	Mississippi	.33																			42	.06			.53								1.34
Higden	White	.25							T.	.03													T.	T.		T.						.03	0.31
Highland	Ouachita	.05				.01																										.10	0.16
Hope	Red									.32					T.															.04			0.36
Hot Springs	Ouachita	.76								.16															.24								1.16
Index	Red										.15																						0.15
Jessieville	Ouachita	1.03											.11										.07										1.21
Jonesboro	White									.29														.20	T.	.16	.02						0.67
Junction	Ouachita				T.					.56																						T.	0.56
Lead Hill	White							.02	.18															T.	.21	.25						T.	0.66
Little Rock ***	Arkansas	.01								T.					T.									T.	T.	T.						T.	0.01
Lurton	White								.18		.49													.04									0.71
Lutherville	Arkansas									.27																						T.	0.27
Magnolia	Red																																0.00
Malvern	Ouachita		.40																														0.40
Mammoth Spg.	White								T.														T										T.
Marianna	Mississippi	.37																				.04		.32									0.73
Marked Tree	Mississippi									.16														.02	.36	.09							0.63
Marshall	White	2.70							.31															.51	.12	.05						11	3.80
Mena	Ouachita								T.	.18																						T.	0.18
Morrillton	Arkansas	T.																						.53									0.53
Mountain Home	White								.18														.10		.10	.53						T.	0.91
Mount Ida	Ouachita	.10								.22															1.60								1.92
Newport	White	.01																								.34							0.35
Norman	Ouachita																																....
Oden	Ouachita																								.05								0.05
Okay	Red										.05										T.												0.05
Osceola	Mississippi													.35										.55		1 50						T	2.40
Ozark	Arkansas					.10																											0.10
Paragould	Mississippi							.17																	.14	.55							0.86
Patterson	White	.35																								.14							0.49
Piggott	Mississippi	T.												.06									.60		.18	05							0.89
Pine Bluff	Arkansas	.01								T																							0.01
Pocahontas	White							.05																.48	.28	.13							0.94
Portland	Ouachita		.07				.05		.20																	.39							0.71
Prescott	Ouachita									.92																							0.92
Princeton	Ouachita									.24																							0.24
Rison	Ouachita									.21	.62																						0.83
Rogers	White								1.05															.02								.16	1.23
St. Charles	White	.12																								.31							0.43
St. Francis	St. Francis								T.			T.			.48								.58			.22	T.					T.	1.28
Searcy	White	.24											.54											.22	2.02								3.02
Springbank	Red		.27								T.																						0.27
Story	Ouachita	.31									.08												.43										0.82
Stuttgart	Arkansas																							.18									0.18
Subiaco	Arkansas	.28			T.			.38	T.	.38																					T.	.18	1.22
Texarkana	Red								T.		.15																				T.		0.15
Thornburg	Arkansas	1.39						.01		T.		T.											T.	.15								.01	1.56
Waldron	Arkansas	.05			.58			.03		T.														T.	.09	33						.09	1.17
Warren	Ouachita			T.						.40						.10								T.		.30							0.80
Waters	Ouachita		.12					.08																	.22								0.42
Whitecliffs	Red			T.						T.	T.				T.															T.			T.
Wilson	Mississippi																						.09	.14	.05	T.						T.	0.28
Winslow	Arkansas				T.						.25																					.21	0.46
Wynne	Mississippi	.30																					.20	.20		.60							1.30
Yancopin	Arkansas	T.	.05													.05									T	.01							0.11

Daily River Stages for July, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.9	8.0	7 3	7.0	6.6	6.1	5.9	6.3	6.2	5.5	5.2	4.9	4 5	4.2	4.1	3.9	3.9	3.8	3.7	3.3	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	3.2	3.4	3.2
Ozark	do	22	5.8	5.0	4.0	3.5	3.3	3.0	2.9	2.7	3.0	2 9	2.3	2.0	1.8	1 3	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.0	0.0	-0.2	-0.2	-0.2	-0.2
Dardanelle	do	20	8.7	7.9	7.4	6.8	6.5	6.3	6.1	6.0	6.0	6.1	5.9	5.6	5.4	5.2	5.0	4.8	4.7	4.6	4.5	4.4	4.2	4.1	4.1	4 0	3.9	3.8	3.8	3.7	3.6	3.6	3.7
Morrillton	do	20	6.3	5.3	4.5	4.0	3.3	3.0	2.6	2.5	2.4	2.3	2.4	2.0	2.0	1.8	1.6	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0
Little Rock	do	23	6.2	5.9	5.8	4.3	3.4	2.9	2.5	2.2	2.0	1.9	1.9	2.0	1.6	1.2	0.9	0.6	0.5	0.4	0.4	0.3	0.1	-0.1	-0.2	-0.3	-0.3	-0.4	-0.5	-0.6	-0.6	-0.6	-0.7
Pine Bluff	do	25	10.5	11.4	11.0	10.3	9.9	9.7	8.8	8.5	8.4	8.2	8.2	8.2	8.2	8.1	7.7	7.4	7.1	6.5	6.1	6.0	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.1	4.9	4.8	4.8
Yancopin	do	29	13.8	14.3	15.5	15.1	14.1	13 3	12.4	11.7	11.1	10.8	10.4	10.2	10.1	10.1	9.8	9.3	8.8	8.4	8.1	7.9	7.8	7.4	7.3	7.2	7.0	6.8	6.8	6.6	6.4	6.3	6.2
Danville	Petit Jean	20	1.3	1.9	2.1	1.8	1.4	1.2	1.1	1.0	1.3	1.4	1.3	1.2	1.2	1.1	1.1	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.6	2.5	2.8	2.8	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.4	2.3	2.4	2.3	2.3	2.2	2.2	2.2	2.0	2.0	2.0	2.2	2.4	2.3	2.2	2.1	2.2	2.0	2.0
Calico Rock	do	18	1.0	0.9	0.7	0.5	0.4	0.3	0.3	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.3	0.0	0.2	0.2	0.0	-0.1	-0.1	-0.1	-0.2	0.0	0.2	0.1	0.0	-0.2	-0.2	0.8
Batesville	do	23	5.8	5.7	5.6	5.5	5.3	5.1	5.1	4.9	4.7	4.6	4.6	4.8	4.9	4.8	4.8	4.8	4.8	4.6	4.7	4.8	4.6	4.5	4.5	4.5	4.7	4.6	4.8	4.8	4.6	4.4	4.4
Newport	do	26	2.0	2.0	2.1	2.1	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
Georgetown	do	22	3.0	2.9	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1
De Valls Bluff	do	24	7.1	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.4	6.3	6.1	6.0	5.9	5.8	5.5	5.6	5.5	5.4	5.4	5.3	5.2	5.1	5.1	5.2	5.1	5.0	4.9	4.9	4.9	4.9	4.9
Clarendon	do	30	9.7	9.6	9.5	9.4	9.4	9.3	9.2	9.2	9.1	9.0	8.8	8.7	8.5	8.4	8.3	8.2	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.8	7.8	7.8	7.7	7.6	7.6	7.6	7.6
Gilbert	Buffalo	30	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Black Rock	Black	14	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	2.5	2.4	2.4	2.3	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.8	1.8
Camden	Ouachita	30	4.1	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9
Fulton	Red	28	9.2	8.7	8.3	8.0	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.2	7.0	6.9	6.8	6.6	6.6	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.5
Helena	Mississippi	44	15.3	14.1	13.5	13.2	13.2	13.2	13.2	13.1	12.8	12.5	12.1	11.6	10.9	10.2	9.5	9.0	8.7	8.4	8.0	7.5	7.0	6.4	6.1	5.8	5.5	5.5	5.3	4.9	4.5	4.2	4.1
Arkansas City	do	48	19.6	18.9	17.5	16.6	16.2	15.7	15.5	15.5	15.1	14.8	14.7	14.0	13.4	12.9	12.2	11.6	10.8	10.1	9.7	9.4	9.0	8.4	8.1	7.9	7.8	7.7	7.7	7.7	7.6	7.8	7.0

Daily Temperatures for July, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	89	95	97	99	99	95	100	104	105	105	110	109	111	95	93	99	102	103	99	98	102	101	104	104	106	106	109	110	114	99	93	101.8
	Minimum	74	68	68	68	70	72	69	71	72	71	72	76	77	78	68	63	63	65	70	72	73	75	77	72	74	75	75	75	78	82	74	72.2
Bentonville	Maximum	85	87	88	91	92	92	94	95	94	95	99	98	93	85	82	90	94	97	96	97	98	88	93	96	98	100	101	103	98	46	87	93.6
	Minimum	61	57	64	71	68	71	67	68	68	68	70	74	71	62	56	49	56	66	67	70	75	70	70	70	74	73	74	71	69	71	65	67.3
Bee Branch	Maximum	95	90	90	95	100	100	101	102	102	105	107	108	109	107	90	94	100	103	102	102	102	104	100	103	105	107	107	109	111	104	98	101.7
	Minimum	67	64	61	63	65	67	68	68	69	69	75	74	76	71	60	55	55	62	66	67	69	73	73	68	70	70	71	69	73	77	69	67.9
Blytheville	Maximum	91	86	86	94	100	100	99	101	102	104	105	107	105	96	85	89	94	98	100	99	99	95	95	95	89	102	105	108	100	99	94	97.5
	Minimum	68	63	58	65	67	75	77	78	74	80	76	79	79	71	60	58	57	66	74	77	75	80	76	72	76	77	79	78	78	74	74	72.3
Booneville	Maximum	93	92	96	94	97	96	101	102	103	106	106	107	108	99	92	96	103	103	101	100	104	101	105	106	105	108	108	110	112	107	98	101.9
	Minimum	67	64	68	70	69	71	70	69	70	70	73	73	70	69	66	56	60	66	66	66	78	75	76	71	71	74	73	69	72	82	67	69.7
Brinkley	Maximum	97	92	94	98	100	99	103	104	106	107	107	110	109	107	89	94	99	103	103	101	101	101	99	102	101	105	107	109	111	101	95	101.7
	Minimum	69	67	59	59	63	68	68	69	71	72	75	75	76	75	61	53	53	60	68	71	75	77	72	71	73	74	76	73	72	75	67	68.9
Calico Rock§§	Maximum	92	91	91	96	100	101	103	104	102	106	107	109	108	89	87	93	101	105	102	103	105	101	94	101	102	107	107	109	105	100	93	100.5
	Minimum	65	57	57	62	63	68	69	68	69	69	74	75	70	70	57	51	52	59	68	66	70	73	70	69	73	73	72	68	68	68	68	66.5
Camden§§	Maximum	91	92	95	95	96	96	97	100	101	101	105	105	105	91	92	93	98	99	98	97	100	99	101	102	102	102	104	106	111	106	102	99.4
	Minimum	72	68	66	68	69	70	68	72	70	68	71	74	73	74	62	60	56	64	67	69	73	74	75	72	74	71	70	72	73	73	70	69.6
Center Point	Maximum	92	99	97	95	99	99	101	103	101	104	108	108	110	101	98	97	102	101	98	99	103	103	105	106	105	105	107	109	112	106	97	102.3
	Minimum	73	78	71	70	71	71	73	75	73	74	75	78	76	77	70	68	72	72	72	75	74	74	76	77	75	74	75	75	80	78	78	74.2
Conway	Maximum	93	94	93	97	100	101	103	104	105	106	108	109	109	93	94	96	102	105	103	103	105	106	103	106	107	110	113	114	114	104	91	102.9
	Minimum	69	66	63	64	68	67	69	65	71	71	75	76	74	76	62	57	57	65	68	68	72	77	76	70	74	73	74	72	73	77	76	69.8
Corning	Maximum	96	91	92	100	101	104	105	106	108	109	110	110	109	94	91	94	100	105	104	103	105	100	98	102	97	105	107	110	108	103	98	102.2
	Minimum	67	55	53	58	61	70	71	71	69	70	71	74	74	67	57	48	51	58	72	70	74	72	70	70	72	74	75	72	69	70	67	66.8
Dardanelle	Maximum	92	91	93	96	98	99	100	100	101	104	105	104	106	103	92	93	100	103	100	97	101	100	97	103	104	106	108	108	110	104	98	100.5
	Minimum	69	64	69	71	71	72	72	72	72	71	75	77	74	75	68	59	60	66	68	67	76	79	78	71	74	75	75	72	74	78	70	71.4
Dumas	Maximum	96	95	95	100	101	102	103	102	104	106	109	109	107	94	93	97	98	102	103	101	101	100	101	100	100	104	106	108	111	101	99	101.5
	Minimum	70	68	65	62	69	70	70	71	72	82	83	77	77	78	63	57	51	62	70	74	74	75	74	74	75	74	75	75	76	77	70	71.3
Dutton	Maximum	90	91	89	92	92	93	96	96	96	99	100	100	102	88	85	92	95	97	96	96	97	95	95	97	98	100	102	103	105	103	89	95.8
	Minimum	59	49	55	61	61	61	61	61	61	51	61	62	62	63	52	42	47	55	54	64	64	67	62	62	62	62	64	59	59	62	58	58.8
El Dorado	Maximum	94	94	95	96	98	97	99	100	101	102	105	106	105	94	94	96	100	100	98	99	100	100	102	102	99	101	104	105	110	106	102	100.1
	Minimum	76	69	71	70	74	73	73	74	77	71	78	81	81	80	68	67	64	73	71	73	74	76	72	78	72	73	76	79	79	76	77	74.1
Eureka Springs	Maximum	86	82	90	90	92	92	95	95	96	98	101	100	98	89	87	95	96	97	100	98	100	95	97	99	100	101	104	106	104	100	93	96.1
	Minimum	62	60	63	71	73	73	65	67	68	70	72	77	77	64	57	55	65	71	75	76	77	72	70	72	75	78	80	80	74	71	65	70.2
Fayetteville	Maximum	89	91	89	91	93	93	96	96	97	98	101	100	99	92	84	92	94	98	98	99	99	93	93	98	101	102	103	106	105	101	96	96.4
	Minimum	63	58	60	72	70	71	69	68	67	67	69	72	72	63	54	48	55	64	71	68	74	72	69	72	74	75	78	72	67	71	67	67.5
Fort Smith	Maximum	87	91	91	95	96	95	98	99	98	101	102	102	101	89	87	94	99	100	99	101	100	96	99	101	103	103	104	106	108	106	87	98.0
	Minimum	69	67	70	72	73	75	75	75	75	71	77	78	77	73	68	61	66	71	73	72	79	77	77	75	77	77	80	76	80	82	68	73.8
Grannis	Maximum	90	97	95	96	96	95	100	102	102	103	106	105	109	100	97	97	100	100	99	100	101	101	100	102	102	105	106	106	113	107	96	100.9
	Minimum	65	65	61	64	63	66	64	65	61	65	65	67	70	75	61	56	55	60	60	60	64	65	67	65	65	65	65	66	69	71	66	64.5
Gravette	Maximum	86	89	87	90	92	93	95	95	97	98	99	99	94	86	83	93	96	99	97	98	99	93	96	98	100	102	103	106	102	98	93	95.4
	Minimum	62	58	65	69	68	69	67	68	68	67	69	69	71	51	56	49	58	61	69	69	74	69	70	71	70	73	72	68	69	72	65	66.4
Helena	Maximum	89	88	88	95	99	98	100	99	103	105	108	108	108	89	85	88	95	102	100	97	102	97	97	101	96	102	105	111	110	98	97	98.7
	Minimum	69	69	63	66	68	70	70	71	72	71	75	77	76	72	65	57	57	66	72	68	75	75	73	73	72	75	76	76	76	76	75	70.8
Hope	Maximum	94	99	102	100	100	101	100	107	102	99	109	107	109	95	99	100	104	105	103	100	104	106	105	107	108	108	109	110	115	110	103	104.0
	Minimum	70	67	67	68	68	71	72	71	72	71	73	75	75	70	65	62	60	70	72	60	72	75	77	76	76	75	73	72	77	75	74	71.0
Hot Springs	Maximum	90	93	94	96	98	99	100	101	95	104	106	108	110	98	91	95	99	100	99	99	99	97	100	97	101	102	105	108	110	107	96	99.9
	Minimum	67	66	68	68	69	69	72	74	72	73	76	80	80	77	69	73	72	67	73	73	74	79	76	73	81	76	78	78	78	83	72	73.7
Jonesboro	Maximum	94	90	91	99	101	101	102	101	104	107	108	109	108	104	87	93	98	103	102	100	101	101	97	97	96	104	107	109	105	99	95	100.4
	Minimum	70	67	60	65	67	74	77	75	74	77	78	82	80	73	64	56	60	71	76	74	77	81	76	72	74	76	80	86	79	77	77	73.2
Lead Hill	Maximum	91	94	92	97	102	102	104	100	102	103	106	105	104	90	89	91	102	104	104	104	105	100	92	97	105	107	109	109	104	101	94	100.3
	Minimum	58	51	54	66	63	67	67	69	68	68	69	72	65	60	59	47	50	55	62	61	77	75	68	66	70	70	70	66	66	66	65	64.2
Little Rock	Maximum	89	91	91	94	95	97	98	100	99	103	106	106	105	90	88	90	96	99	97	97	97	94	96	100	99	102	104	106	108	98	89	97.5
	Minimum	72	70	67	71	74	76	75	76	76	77	82	83	81	74	69	65	70	72	76	76	75	77	75	75	76	76	80	79	83	81	75	75.8
Lutherville	Maximum	93	93	93	96	98	100	100	103	99	104	105	106	105	95	90	99	102	103	101	99	102	102	101	105	104	105	107	107	111	105	94	100.9
	Minimum	70	66	68	71	71	74	72	70	71	71	74	78	76	72	61	61	64	69	71	70	73	76	75	71	74	74	79	87	76	79	72	72.2
Magnolia	Maximum	94	94	98	101	100	100	92	95	101	99	108	105	105	100	97	97	100	104	102	98	104	104	102	104	104	105	104	106	112	106	101	101.4
	Minimum	73	68	68	68	68	69	70	74	74	67	72	73	74	76	65	67	63	69	68	72	73	75	75	75	77	78	73	74	74	73	73	71.5
Malvern	Maximum	93	96	98	99	98	99	102	105	105	107	112	109	110	103	98	97	102	104	100	100	102	100	103	104	106	106	108	111	114	108	100	103.2
	Minimum	67	67	66	67	68	68	69	70	70	69	72	71	73	79	65	58	57	61	66	67	71	73	77	70	72	71	71	70	73	82	69	69.4
Marianna	Maximum	93	90	89	98	98	98	98	99	100	105	105	107	108	102	86	90	95	98	99	97	97	99	96	99	94	100	103	107	107	99	94	98.4
	Minimum	70	70	63	63	63	73	73	72	73	74	78	78	79	84	65	60	52	66	72	71	71	72	74	74	75	75	78	80	78	79	71	71.8
Marshall	Maximum	93	88	85	90	98	98	100	100	98	100	102	104	104	95	85	91	98	102	99	101	103	97	94	93	102	104	106	107	105	99	90	97.8
	Minimum	64	57	62	70	66	69	68	67	68	68	69	72	67	65	55	50	55	67	67	66	67	76	65	68	73	71	76	78	68	66	65	66.6
Mena	Maximum	90	94	94	94	97	97	99	97	99	101	106	106	107	100	92	97	101	102	101	101	102	104	103	105	105	106	108	109	109	105	91	100.7
	Minimum	71	66	65	68	65	70	68	67	68	69	71	72	72	74	65	61	63	68	72	68	72	72	73	71	73	73	74	73	74	81	68	69.9
Mount Ida	Maximum	89	94	93	95	98	96	100	101	104	101	106	108	109	95	95	95	100	101	98	97	101	103	103	102	101	102	106	107	110	104	88	100.1
	Minimum	67	60	59	61	64	66	64	65	65	65	67	68	67	76	58	52	53	59	61	59	68	73	70	66	66	70	68	65	67	70	65	64.7
Newport	Maximum	97	94	94	99	101	103	104	105	107	109	110	110	111	97	91	98	100	104	102	101	102	102	99	101	99	105	107	112	109	103	91	102.2
	Minimum	68	62	59	62	64	67	72	71	71	74	78	76	75	74	63	56	56	64	72	74	76	79	72	72	72	75	76	73	75	74	71	70.1
Pine Bluff	Maximum	89	90	92	95	95	95	98	99	100	103	105	106	105	101	88	90	95	100	98	97	98	98	99	102	99	102	103	106	109	101	97	98.5
	Minimum	74	71	67	65	72	75	74	75	73	74	78	81	82	79	67	62	60	70	74	74	75	78	78	75	75	75	78	78	82	81	75	74.1
Pocahontas	Maximum	94	90	93	97	99	103	103	103	105	107	108	109	108	106	88	93	97	104	102	100	102	100	97	97	98	105	106	107	105	102	98	100.8
	Minimum	67	60	58	60	63	69	73	70	70	76	75	76	75	70	62	65	65	60	70	70	75	77	72	72	73	73	75	72	75	76	73	69.9
Portland	Maximum	95	94	93	98	99	99	96	98	98	102	105	107	107	97	91	93	98	100	96	97	108	101	101	102	96	99	102	104	106	101	101	99.2
	Minimum	75	68	67	64	70	71	70	72	73	71	76	77	75	78	67	61	57	62	69	71	71	72	75	73	72	72	74	74	76	77	75	71.1
Prescott	Maximum	95	99	99	99	101	102	102	103	105	102	105	105	106	102	97	98	99	101	101	101	101	100	104	104	105	106	105	107	112	107	104	102.5
	Minimum	70	68	69	70	73	75	72	74	79	75	80	81	79	75	68	64	62	70	73	72	73	74	77	76	78	75	74	73	78	78	77	73.6
Rison	Maximum	94	96	99	98	101	101	102	104	104	104	107	108	108	97	92	95	101	102	100	100	101	101	102	104	104	106	107	108	115	105	102	102.2
	Minimum	74	67	68	65	72	74	73	71	70	71	75	78	77	79	64	60	60	69	71	77	73	76	74	73	73	73	76	76	77	80	74	72.3
Searcy	Maximum	93	92	90	97	99	103	102	104	104	106	109	108	107	98	91	93	99	104	102	100	101	103	..	..	101	103	104	108	107	100	90	100.6
	Minimum	69	57	60	66	65	67	68	70	70	72	79	76	75	71	62	55	55	60	69	69	73	76	75	70	70	72	74	72	75	76	69	69.0
Stuttgart	Maximum	94	94	96	99	101	100	102	102	106	108	109	109	109	98	90	93	100	104	103	101	101	103	101	104	102	106	108	110	112	103	97	102.1
	Minimum	69	62	63	69	72	71	72	72	73	76	79	79	77	63	57	56	63	71	74	75	77	74	72	72	75	77	76	76	75	69	65	71.0
Texarkana	Maximum	93	94	98	94	96	98	99	100	101	101	[illegible]	103	106	[illegible]	94	96	100	100	98	98	99	101	101	102	102	103	104	106	110	106	101	100.3
	Minimum	75	68	73	69	68	70	71	71	73	70	71	73	73	[illegible]	68	65	66	68	67	68	66	70	72	72	73	73	72	73	74	75	75	70.9
Thornburg	Maximum	95	90	89	92	95	98	99	99	102	104	106	106	107	91	89	91	100	101	98	99	100	100	96	101	103	104	107	108	110	103	97	99.5
	Minimum	67	57	60	65	63	61	64	64	65	66	71	78	67	74	51	59	52	62	65	62	72	79	71	67	68	72	71	67	74	69	60	65.9
Warren	Maximum	94	91	94	94	98	98	101	103	103	101	106	105	107	105	90	95	98	98	97	99	99	98	100	101	95	98	101	105	107	101	94	99.2
	Minimum	76	70	69	69	73	75	74	75	73	74	80	[illegible]	83	74	65	62	63	70	73	74	74	76	78	77	74	74	78	78	78	81	75	74.4
Wilson	Maximum	96	88	88	95	100	100	102	102	103	106	105	108	106	101	[illegible]	89	94	99	100	98	98	98	96	94	90	102	103	106	101	[illegible]	93	98.1
	Minimum	69	61	55	61	64	72	74	71	71	76	76	78	78	71	[illegible]	52	53	60	71	74	74	78	72	70	74	76	76	75	73	73	69	69.7
Wynne	Maximum	90	88	89	93	99	97	99	102	101	105	106	108	106	98	84	89	94	101	100	98	99	100	95	100	92	102	106	107	108	98	87	98.1
	Minimum	68	67	65	62	66	71	72	70	73	74	75	79	76	73	61	53	55	67	73	75	77	67	75	71	73	75	75	76	74	76	74	70.6

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark., 8-27-30-980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXV   LITTLE ROCK, ARK., AUGUST, 1930   No. 8

GENERAL SUMMARY

The hot weather of the preceding month with maximum temperatures of 100° and higher continued to about the 10th of August in most northern and northeastern sections but in southern and western portions of the State and especially where no appreciable amount of rain fell the first half of the month there was no relief from the high temperatures until about the 20th. The mean temperature of 81.8° has been exceeded many times but the maximum of 114° recorded at both Newport and Conway on the 9th is within one degree of the highest on record for August which was established at Searcy in 1918. Showers occurred at about two-thirds of the stations on the 4th or 5th and again on the 30th and 31st but were more general during the second decade with the greatest amount falling on the 16th, 17th, or 18th, some stations reporting from two to four inches during this period. Some counties in central, northeastern, and western sections had no relief from the drought even at the close of the month and during the past 100 days the total precipitation in these areas was less than two inches. Only thirteen stations for which normals have been computed showed positive departures for August, eight in the Ozarks and the north-central portion and five in the southwestern.

The continued dry weather of June and July had nearly destroyed corn, cotton, and other crops in much of the uplands and, though locally heavy showers occurred in most sections of the State from the 10th to the 20th relieving the drought, the high temperatures of the first half of the month had damaged crops beyond recovery in many sections, resulting in the lowest yield of corn per acre for the past 33 years and next to the lowest yield of cotton for the same period. Many fields of corn were cut while still green but others dried up resulting in a total loss. Hay crops improved in northern and north-central portions after the rains and at the close of the month late potatoes, truck, and fall crops were being planted.

The mean temperature for the State, as determined by the records of 63 stations, was 81.8° which is 2.1° above normal; all stations except two for which normals have been computed showing positive departures. Monthly means ranged from 75.0° at Dutton to 86.0° at Center Point. The highest temperature recorded was 114° at both Conway and Newport on the 9th, the lowest 46° at Dutton on the 26th. The greatest daily range was 48° at Marshall on the 26th.

The average rainfall for the 92 stations reporting was 2.58 inches which is 1.11 inches below normal. Monthly totals ranged from 0.23 inch at Blytheville to 7.93 inches at Searcy, 16 stations reporting totals of less than one inch and 28 stations from one to two inches. The greatest amount measured in any 24-hour period was 6.20 inches at Princeton on the 31st. The average number of days with 0.01 inch or more precipitation was 5.

T.A.M.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:---4th, 37; 5th, 3; 7th, 2; 8th, 12; 9th, 34; 10th, 37; 11th, 16; 12th, 12; 13th, 30; 14th, 25; 15th, 34; 16th, 30; 17th, 32; 18th, 44; 19th, 7; 20th, 3; 22d, 2; 23d, 2; 24th, 2; 29th, 2; 30th, 22; 31st, 27.
SOLAR HALOS:-----20th, 1; 22d, 1; 30th, 1.
LUNAR HALOS:----8th, 1; 15th, 1.
DENSE FOGS:------5th, 1; 19th, 1; 21st, 1; 22d, 2; 23d, 1.
LIGHT HAIL:------Helena, 4th; Harrison, 18th.
HEAVY HAIL:----Index, 4th.
Straight Blow: Waldron, 9th, several hundred dollars damage.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.97	30.21	25	29.72	14	2,420	16	s.	4	......	......	86
Fort Smith	29.96	30.17	25	29.72	16	3,912	28	se.	4	66	43	68
Little Rock	30.00	30.18	25	29.80	16	4,586	28	sw.	4	65	42	75
Memphis	30.00	30.20	25	29.81	14	4,299	20	nw.	17	67	44	64

COMPARATIVE DATA FOR AUGUST

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**79.7**		**115**		**39**		**3.69**		**15**	**10**	**6**	**7**
1891	76.4	−3.3	108	17	39	24	2.75	−0.94	21	8	2	5
1892	78.8	−1.4	106	6	47	31	4.39	+0.70	13	11	7	9
1893	77.3	−2.4	102	8	48	30	3.08	−0.61	18	9	4	5
1894	78.1	−1.6	104	14	48	5	4.63	+0.94	12	11	8	8
1895	79.4	−0.3	102	19	55	1	2.64	−1.05	18	9	4	4
1896	82.6	+2.9	112	6	48	29	2.32	−1.37	17	9	5	5
1897	79.6	−0.1	111	4	45	17	2.59	−1.10	17	10	4	5
1898	79.4	−0.3	108	21	54	12	4.35	+0.66	18	13	5	7
1899	82.2	+2.5	112	12	54	12	2.04	−1.65	19	9	3	4
1900	81.1	+1.4	108	21	57	2	2.95	−0.74	16	12	8	5
1901	80.5	+0.8	109	3	52	7	2.95	−0.74	14	13	4	6
1902	80.7	+1.0	108	4	51	7	2.55	−1.14	19	9	3	4
1903	78.7	−1.0	105	4	47	31	4.34	+0.65	15	12	4	8
1904	78.1	−1.6	105	25	46	27	2.81	−0.88	16	12	3	6
1905	79.1	−0.6	103	25	51	28	3.73	+0.04	18	10	3	6
1906	77.9	−1.8	100	19	42	28	4.92	+1.23	14	10	7	10
1907	82.0	+2.3	113	10	54	4	2.92	−0.77	16	10	5	6
1908	79.3	−0.4	103	6	52	26	4.48	+0.79	15	10	6	8
1909	82.4	+2.7	111	17	47	30	1.27	−2.42	20	8	3	4
1910	79.2	−0.5	104	3	43	27	3.92	+0.23	13	12	6	8
1911	78.0	−1.7	107	9	45	30	8.19	+4.50	11	11	9	12
1912	78.7	−1.0	105	27	45	4	3.30	−0.39	15	10	6	7
1913	82.1	+2.4	107	7	46	23	1.62	−2.07	20	10	1	3
1914	78.5	−1.2	104	3	57	6	6.81	+3.12	8	11	12	12
1915	74.7	−5.0	102	8	40	31	10.44	+6.75	9	9	13	11
1916	81.8	+2.1	107	13	46	24	2.63	−1.06	17	9	5	5
1917	77.1	−2.6	104	16	43	25	4.10	+0.41	16	7	8	8
1918	82.9	+3.2	115	4	52	14	3.90	+0.21	15	9	7	7
1919	80.6	+0.9	113	5	55	19	4.29	+0.60	16	8	7	7
1920	76.8	−2.9	102	6	46	4	4.08	+0.39	13	9	9	8
1921	81.5	+1.8	106	5	56	8	5.46	+1.77	15	9	7	8
1922	80.4	+0.7	111	23	51	27	1.90	−1.79	18	8	5	5
1923	81.9	+2.2	109	4	49	24	2.43	−1.26	18	8	5	4
1924	82.2	+2.5	108	3	43	15	2.40	−1.29	20	8	3	5
1925	80.3	+0.6	118	19	47	1	1.81	−1.88	22	7	2	4
1926	80.7	+1.0	110	6	47	25	5.50	−1.81	14	10	7	10
1927	76.6	−3.1	105	1	43	21	6.01	+2.32	12	10	9	10
1928	81.3	+1.6	105	28	51	31	4.62	+0.93	17	8	6	7
1929	80.8	+1.1	110	6	41	15	1.29	−2.40	22	7	2	3
1930	81.8	+2.1	114	9	46	26	2.58	−1.11	17	10	4	5

Climatological Data for August, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	84.3	+4.3	109	8†	60	24	39	1.28	−3.08	0.95	0.0	5	9	20	2	sw.	J. W. Campbell
Arkadelphia	Clark	250	34	....	....	....	....	....	....	....	1.51	−3.01	1.40	0.0	3	19^{b}	5^{b}	5^{b}	....	W. K. Bown
Arkansas City	Desha	145	46	....	....	....	....	....	....	....	2.88	−1.04	1.03	0.0	5	21	6	4	....	J. H. Catham
Arlberg	Stone	700	8	....	....	....	....	....	....	....	4.45	....	1.33	0.0	7	15	11	5	ne.	J. D. Reeves
Batesville	Independence	277	31	77.4	−2.1	110	9	53	22†	43	3.61	−0.84	1.39	0.0	9	21	7	8	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	81.0	+1.6	111	9	58	23	40	4.17	+0.30	3.52	0.0	4	7	22	2	s.	J. E. Scanlan
Bentonville	Benton	1303	25	79.1	+2.6	102	13†	55	23	33	2.62	−1.42	1.57	0.0	5	28	2	1	s.	U. S. Weather Burea
Black Rock	Lawrence	259	28	....	....	....	....	....	....	....	2.95	−1.40	0.92	0.0	9	22^{a}	3^{a}	5^{a}	n.	Vernon C. Howe
Blytheville	Mississippi	252	5	86.2	....	107	9	57	24	37	0.28	....	0.08	0.0	6	13	11	7	s.	Francis Carpenter
Booneville	Logan	465	16	84.4	+3.3	110	9	57	23	37	2.94	−0.05	2.08	0.0	5	16	12	3	e.	F. H. Randolph
Brinkley	Monroe	205	43	81.6	+1.4	110	9	53	24	42	1.24	−2.28	1.13	0.0	4	19	9	3	ne.	R. J. Torry
Calico Rock	Izard	361	26	79.6	+0.7	111	9	54	22†	43	2.61	−2.49	1.23	0.0	7	12	19	0	sw.	W. J. Copp
Camden	Ouachita	158	45	82.8	+2.6	106	8	58	27	39	3.53	+0.27	1.90	0.0	3	15	9	7	se.	A. B. Quarterman
Center Point	Howard	470	31	86.0	+4.6	108	8	65	23	32	0.74	−2.61	0.49	0.0	4	20	8	3	s.	John C. Floyd
Clarendon	Monroe	200	26	....	....	....	....	....	....	....	0.56	−3.65	0.27	0.0	5	19	5	7	ne.	J. W. Bishop
Clinton	Van Buren	516	9	....	....	....	....	....	....	....	4.69	....	2.00	0.0	7	23	8	0	s.	A. L. Stephens
Conway	Faulkner	309	47	83.0	+1.6	114	9	56	23	40	1.55	−1.96	1.15	0.0	4	1	26	4	e.	F. E. Cordrey
Corning	Clay	293	37	79.2	+1.1	112	9	51	24	46	1.19	−2.45	0.42	0.0	6	23	5	3	se.	Winfred D. Polk
Corning (river)	Clay	280	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Henry Stafford
Cotter	Baxter	408	8	....	....	....	....	....	....	....	3.04	....	1.21	0.0	6	15	6	10	sw.	Charles Turnipseed
Crossett	Ashley	175	15	83.5	+2.3	106	8	59	23†	40	2.03	−2.22	1.03	0.0	2	17	9	5	sw.	G. A. Gifford
Danville	Yell	327	14	....	....	....	....	....	....	....	3.39	−0.14	1.41	0.0	6	23	1	7	e.	C. G. Hudson
Dardanelle	Yell	330	44	82.5	+2.5	106	9	58	23†	37	4.36	+0.63	1.77	0.0	4	13	11	7	s.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	....	....	....	....	....	....	....	1.62	....	1.00	0.0	4	23	2	6	....	H. G. Pate
Dumas	Desha	162	21	82.6	+2.0	108	8	56	23	42	1.03	−2.93	0.62	0.0	5	4	23	4	s.	Ben Johnson
Dutton	Madison	1590	27	75.0	+0.3	102	14	46	26	43	1.99	−2.46	0.52	0.0	6	18	12	1	s.	J. M. Ricketts
El Dorado	Union	270	29	81.6	+3.5	101	2†	63	23	34	1.23	−2.09	0.51	0.0	5	9	14	8	se.	J. J. Babb
England	Lonoke	229	23	82.8	+2.5	110	9	57	24	41	0.63	−3.97	0.26	0.0	4	21	6	4	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	82.0	+4.0	106	9	57	23	35	1.55	−3.57	0.93	0.0	4	16	13	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	79.8	+2.2	101	3†	54	23†	38	2.76	−1.45	1.64	0.0	6	14	16	1	ne.	University of Arkansa
Fort Smith	Sebastian	457	49	84.8	+4.3	106	7	62	23	31	0.95	−2.33	0.85	0.0	4	10	16	5	e.	U. S. Weather Bure
Freeman Springs ‡‡	Pope	2240	6	....	....	....	....	....	....	....	5.69	....	3.30	0.0	7	26	2	3	ne.	J. R. Mc Cuiston
Fulton	Hempstead	260	44	....	....	....	....	....	....	....	1.44	−1.48	0.95	0.0	3	16	6	9	....	T. J. Logan
Georgetown	White	200	18	....	....	....	....	....	....	....	3.81	−0.41	3.40	0.0	6	17	4	10	....	W. R. Owens
Gilbert	Searcy	675	7	....	....	....	....	....	....	....	1.91	....	0.78	0.0	8	9	22	0	....	Ben F. Battenfield
Grannis	Polk	900	11	80.4	+1.2	105	8†	55	23†	42	2.21	−1.13	0.90	0.0	6	20	9	2	e.	W. E. McVay
Gravette	Benton	1250	33	80.4	+3.2	107	2	55	23	40	2.45	−1.53	1.35	0.0	5	17	13	1	sw.	A. F. Stevens
Harrison	Boone	1052	29	79.1^{c}	+2.8	105	3	51^{f}	26	41^{f}	4.38	+0.66	1.87	0.0	6	13^{a}	16^{a}	1^{a}	....	Dan Robertson
Helena	Phillips	250	58	81.6	+1.0	107	8†	57	23†	39	1.99	−1.85	1.36	0.0	5	14	11	6	n.	James A. Burnett
Higden	Cleburne	445	12	....	....	....	....	....	....	....	3.80	....	1.63	0.0	6	21	10	0	w.	Geo. W. Baker
Highland	Pike	....	1	84.8	....	106	8	63	23	35	1.65	....	0.50	0.0	5	22	7	2	s.	Tom W. Stewart
Hope	Hempstead	377	59	85.8	+4.4	111	8	58	27	43	1.28	−2.32	0.99	0.0	4	18	9	4	s.	N. P. O'Neal
Hot Springs	Garland	600	39	84.0	+3.6	109	8	60	25	35	2.11	−1.79	1.26	0.0	4	23	8	0	....	G. C. Bolton
Index ‡‡	Little River	275	5	....	....	....	....	....	....	....	6.95	....	2.25	0.0	5	16	8	7	....	H. G. Sanderson
Jessieville	Garland	750	4	....	....	....	....	....	....	....	4.19	....	1.73	0.0	4	18	9	4	....	U. S. Forest Service
Jonesboro	Craighead	345	35	81.6	+1.7	111	9	59	22†	39	1.87	−1.67	0.68	0.0	7	18	8	5	ne.	Benedictine Sisters
Junction ‡‡	Union	182	36	82.8	+2.0	105	7†	61	24	35	0.88	−2.68	0.53	0.0	3	26	3	2	sw.	J. A. Lowderback
Lead Hill	Boone	650	3	79.2	....	108	5†	51	27	44	3.29	....	0.81	0.0	6	24	4	3	s.	J. H. Crosswhite
Little Rock	Pulaski	357	51	82.8	+3.0	105	8	65	23	29	0.65	−3.10	0.22	0.0	6	15	7	5	e.	U. S. Weather Bure
Lurton	Newton	2100	5	....	....	....	....	59^{a}	22	....	6.31	....	4.20	0.0	11	16	15	0	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	32	82.4	+3.6	109	9	60	23	36	7.15	+2.98	2.16	0.0	7	15	8	5	se.	H. G. Lenhardt
Magnolia	Columbia	315	11	84.4	+2.5	106	3	60	27	41	6.36	+3.66	3.30	0.0	6	4	25	2	s.	State Agri. School
Malvern	Hot Springs	277	43	83.9	+4.2	111	8	56	23	43	1.81	−1.81	0.80	0.0	6	27	2	2	se.	Mrs W. L. Matthe
Mammoth Spring	Fulton	600	25	78.4	+1.2	107	9	55	25	38	3.11	−1.33	0.80	0.0	6	20	11	0	s.	S. F. Whittaker
Marianna	Lee	235	18	80.7	+1.3	104	8	56	23†	35	0.99	−1.62	0.96	0.0	2	14	11	6	s.	C. N. Houck
Marked Tree	Poinsett	229	25	79.6	+0.4	109	9	55	23	42	1.00	−2.97	0.26	0.0	8	20	9	2	n.	Charles Walton
Marshall	Searcy	1070	16	79.4	+0.7	107	9	53	25†	48	3.91	−0.89	1.80	0.0	7	15	13	5	sw.	A. J. Parks
Mena	Polk	1185	42	82.7	+3.3	106	8	59	23	37	2.93	−1.97	1.35	0.0	8	19	6	6	nw.	E. W. St. John
Morrilton	Conway	317	9	83.0	....	110	8	60	23	36	1.33	....	0.98	0.0	2	19	9	3	se.	John Cook
Mountain Home	Baxter	800	16	80.5	+2.7	112	9	55	23†	42	1.46	−2.41	0.40	0.0	7	17	6	8	w.	B. S. Halbert
Mount Ida	Montgomery	650	31	80.2	+0.9	107	8	51	23	45	3.22	−0.51	2.49	0.0	3	20	5	6	sw.	G. A. Whittington
Newport	Jackson	231	46	81.6	+1.8	114	9	60	22†	40	3.86	+0.35	1.79	0.0	8	19	10	2	n.	A. C. Wilkerson
Norman	Montgomery	750	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	U. S. Forest Service
Oden	Montgomery	800	4	....	....	....	....	....	....	....	0.78	....	0.45	0.0	2	17	12	2	se.	U. S. Forest Service
Okay	Howard	288	1	82.8	....	104	11	56	27	42	2.45	....	0.86	0.0	6	15	11	5	e.	Frank K. Hensley
Osceola	Mississippi	240	32	80.4	+1.4	108	9	57	24	37	0.95	−1.88	0.25	0.0	5	26	5	0	s.	June Thomason
Ozark	Franklin	396	34	83.6	+2.1	108	9	57	23†	39	1.40	−2.66	0.35	0.0	7	24	2	5	se.	Orkney O. Milton
Paragould	Greene	301	4	....	....	....	....	....	....	....	1.98	....	0.75	0.0	6	21	10	0	ne.	W. R. Heagler
Patterson	Woodruff	196	14	....	....	....	....	....	....	....	2.17	−0.56	1.31	0.0	4	28	1	2	n.	W. E. Baker
Piggott	Clay	307	6	....	....	....	....	....	....	....	1.73	....	1.06	0.0	5	21	9	1	ne.	V. C. Wright
Pine Bluff	Jefferson	215	43	83.9	+2.5	106	8	62	23†	35	0.60	−2.74	0.60	0.0	1	14	9	8	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	79.7	−1.3	110	9	56	24†	40	4.84	+0.28	1.97	0.0	9	17	8	6	sw.	Benedictine Sisters
Portland	Ashley	122	24	81.8	+0.7	105	8	58	24	38	0.93	−3.04	0.36	0.0	5	13	13	5	s	W. E. Edmiston
Prescott	Nevada	329	42	85.2	+4.0	108	8	62	23	38	4.51	+1.13	2.19	0.0	4	21	1	9	s.	C. D. Calhoun
Princeton	Dallas	237	24	....	....	....	....	....	....	....	7.83	+4.49	6.20	0.0	2	22	0	9	....	Mrs. Dora Coleman
Rison	Cleveland	243	29	84.8	+3.8	110	8	59	23	39	1.97	−1.40	1.52	0.0	2	19	11	1	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	80.0	+3.0	108	3	51	25†	44	4.65	+1.09	1.71	0.0	6	19	10	2	s.	Carl A. Starck
St. Charles	Arkansas	175	1	82.6	....	105	8†	57	25†	39	1.96	....	1.01	0.0	5	12	18	1	s.	Ballard Deane
St. Francis	Clay	290	2	....	....	....	....	....	....	....	2.71	....	1.38	0.0	5	23	3	5	....	S. T. Rooney
Searcy	White	236	21	80.0	+0.1	108	9†	59	23†	40	7.93	+4.20	4.97	0.0	6	25	4	2	ne.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	....	....	....	....	....	....	....	3.61	−0.58	1.00	0.0	7	21	1	9	....	Miss Grace Field
Story	Montgomery	700	6	....	....	....	....	....	....	....	2.80	....	1.00	0.0	5	19	8	4	s.	S. C. Story
Stuttgart	Arkansas	228	43	82.7	+2.1	107	8	54	24	40	2.12	−1.46	1.10	0.0	6	13	17	1	s.	Adam F. Buerkle
Subiaco	Logan	1050	33	85.3	+4.5	110	3†	60	23†	40	0.73	−3.15	0.33	0.0	5	8	16	7	s.	New Subiaco Abbe
Texarkana	Miller	332	41	[illegible]^{c}	+1.4	105^{c}	8	61^{c}	21†	35^{c}	3.93	+0.73	1.38	0.0	5	9^{c}	7^{c}	12^{c}	s.	H. S. Brashear
Thornburg	Perry	650	6	80.2	....	109	9	49	23	46	1.71	....	1.46	0.0	4	12	15	4	s.	Edward E. Holmes
Waldron	Scott	675	11	....	....	....	....	....	....	....	1.54	−1.08	0.93	0.0	6	10	16	5	nw.	Dr. Cheves Bevill
Warren	Bradley	206	36	83.2	+2.1	103	2	60	23	34	2.95	−1.25	2.05	0.0	3	17	12	2	se.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	....	....	....	....	....	....	....	2.21	....	0.92	0.0	4	16	11	4	sw.	J. R. Huddleston
Whitecliffs	Little River	290	26	....	....	....	....	....	....	....	2.20	−1.21	0.90	0.0	3	20	4	7	ne.	Nannie O. Schirme
Wilson	Mississippi	227	5	79.1	....	107	9	52	2	46	0.96	....	0.33	0.0	8	25	3	8	w.	M. W. H. Collins
Winslow	Washington	1731	15	78.0	+3.0	101	3†	50	23†	40	0.91	−4.16	0.38	0.0	7	7	21	3	s.	J. D. Black
Wynne	Cross	250	22	80.2	+0.1	109	9	55	22†	40	2.00	−1.98	1.10	0.0	4	18	7	6	s.	R. T. Cobbs
Yancopin	Desha	167	6	....	....	....	....	....	....	....	0.42	....	0.28	0.0	3	15	6	10	....	W. E. Barton
State Means and Extremes				81.8	+2.1	114	9	46	26	48	2.58	−1.11	6.20	0.0	5	17	10	4	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rai or melted snow. ††Received too late for means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Freeman Springs, Simpson; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for August, 1930

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.07			.20							.02		.04																		.95	1.28
Arkadelphia	Ouachita	.02														T.		T.			.09												1.40	1.51
Arkansas City	Mississippi					.33						1.03						.43		.98											T.	.11	2.88
Arlberg	White								.16	.59				.10	.12		.97		1.18												1.33		4 45
Batesville	White	T.				T.					.39	.18		.49	.06		.20	1.39	.54	.34												.02	3.61
Bee Branch	Arkansas				T.			T.	T.					.05		T.		3.52	.25													.35	4.17
Bentonville ***	Arkansas				.92						.12				T.	.01	.15	1.42	T.				T.											2.62
Black Rock	White					.27					.06			.92	.74		.03	.18	.19	.23												.33	2.95
Blytheville	Mississippi										.01		T.	.02	.07		.03	.02													T.	.08	0.23
Booneville	Arkansas				.06					.34		.37							.09														2.08	2.94
Brinkley	White													.02				1.13	.02													.07	1.24
Calico Rock	White	T.				.04					T.	.08			.32	T.	.02	1.23		.65												.27	2.61
Camden	Ouachita																.20			1.43												1.90	3.53
Center Point	Red				.22														.01		.02					T.					T.	.49	0.74
Clarendon	White					.10				.07		.27						.04		T.											.08	0.56
Clinton	White				.11				.10						.64		2.00		.61												1.18	.05	4.69
Conway	Arkansas				T.					1.15						.03		.17	T.													T.	.20	1.55
Corning	White					.02					.02				.26		.20	.42															.27	1.19
Corning (river)	White																																		
Cotter	White					.50					T.	.05			.08			1.21		.80												.40	3.04
Crossett	Ouachita					1.00						T.			T.					1.03														2.03
Danville	Arkansas					.18						.21			1.05				.48	.06												1.41	3.39
Dardanelle	Arkansas				1.15											.70		T.	.74													1.77		4.36
De Valls Bluff	White					.12						.25						1 00	.25														1.62
Dumas	Mississippi				.08						T.	.17					T			.05											.62	.11	1.03
Dutton	White				.12				T.	T.		.26			.32	.30	T.	.52	.47												T.	T.	1.99
El Dorado	Ouachita					.03							T.				.35			.51						T.					.14	.20	1.23
England	Arkansas				.26					.20					T.			.14	T.	.03											T.	T.	0.63
Eureka Springs	White				.32							.03				.27		.93																1.55
Fayetteville	White				1.05					T.		.02				.01	.03	1.64	.01													T.	2.76
Fort Smith ***	Arkansas				T.					T.		.09		T.		.01		T.	T					T.	T.						.04	.81	0.95
Freeman Sprgs.	Arkansas									.16	.22	.02				.47		3.30		.03												.89	5.09
Fulton	Red												.09								.40		T.				T.							.95	1.44
Georgetown	White					.10						.10		09				3.40	.08												T.	.04	3.81
Gilbert	White					.05					.35	T.			.02	.01	T.	.26	.12	.32					T.								.78	1.91
Grannis	Red				.22							.12							.77		.12											.08	.90	2.21
Gravette	Arkansas				.55							.18				T.	.34	1.35	.03																2.45
Harrison	White				.20			.03			.30						.58	1.40	1.87																4.38
Helena	Mississippi					.50									.03		.08	.02	T.															1.36	1.99
Higden	White			.68											T.	.55			1.63	.19	.52											T.	.23	3.80
Highland	Ouachita				.35							.50							.30							.05						.45	1.65
Hope	Red											.18							.03							T.					.08	.99	1.28
Hot Springs	Ouachita										T.				.03	.16			.66														1.26	2.11
Index	Red					2.25							1.44							.10		1.17												2.00	6.96
Jessieville	Ouachita				.67									1.25					.54															1.73	4.19
Jonesboro	White										.05			.02	.68			.13	.53	.37											.09	T.	1.87
Junction	Ouachita											.19							.16	T.											.53	T.	0.88
Lead Hill	White				.80						.81						.68	.63	.26														.11	3.29
Little Rock ***	Arkansas				.08						T.			T.	T	T.	.19	.13	.03												.13	.09	0.65
Lurton	White				.03				.10		.11	.02			.56		.48	4.20	.30	.01											05	.48	6.34
Lutherville	Arkansas				.15					.47	T					2.10	1.07	1.18	.53													1.65	7.15
Magnolia	Red				1.42							.53	.07							.30											.74	3.30	6.36
Malvern	Ouachita											.05			.38	.03			.11	.47												.80	1.84
Mammoth Spg.	White													.45	.80		.38		.43	.80												.25	3.11
Marianna	Mississippi																.03														.96		0.99
Marked Tree	Mississippi	.02												.02	.22				.26	.10	.08	.15										.15	1.00
Marshall	White					.02						.02		T.			.02	1.02	.56	1.80												.47	3.91
Mena	Ouachita	.23				.02				.05	1.35		.07				.18		T.	.59						T.						.44	2.93
Morrilton	Arkansas	T.			T.					.35						T.	T		T.													.98	1.33
Mountain Home	White				.04						T.	.10	T.	.28			.35	.40	.07												T.	.22	1.46
Mount Ida	Ouachita				48										T.				.25														2.49	3.22
Newport	White	.01				.05						.58		.21	.77			1.79		.17												.28	3.86
Norman	Ouachita																																
Oden	Ouachita				.33																											.45	0.78
Okay	Red				.71							.12									.29	.02											.46	.86	2.46
Osceola	Mississippi									.25			T.	.25	.10		.15	T.													.20		0.95
Ozark	Arkansas	.15				.03						.35			.35			.20	.21														.11	1.40
Paragould	Mississippi									.21				.67	.05	T.		.11													.75	.19	1.98
Patterson	White					.64								.14	.08			1.31															2.17
Piggott	Mississippi										.07		T.	1.06	.06	T.	.18														.36		1.73
Pine Bluff	Arkansas										T.									T.												.60	0.60
Pocahontas	White				.05					.84				1.24		.12	.30	.17		1.97											.05	.10	4.84
Portland	Ouachita											.15					.36			.31											.02	.09	0.93
Prescott	Ouachita												.33						1.01												.98	2.19	4.51
Princeton	Ouachita														1.63																	6.20	7.83
Rison	Ouachita																			.45												1.52	1.97
Rogers	White				1.70	.10						.41				.71		1.71														.02	4.65
St. Charles	White				1.01							.47					05														.25	.18	1.96
St. Francis	St. Francis										T.			.14	.84	.12		1.38														.23	2.71
Searcy	White					1 36						.13						4.97	.50	.18												.79	7.93
Springbank	Red	.10									.22		1 00	.30						.20		.80				T.	T.				T.	.99	3.61
Story	Ouachita				.57														1.00	20											.30	.23	2.30
Stuttgart	Arkansas				.48						.02						.17	.08													1.10	.27	2.12
Subiaco	Arkansas			T.	.01					.33	.02	T.		T.				T.	.05												T.	.32	0.73
Texarkana	Red					.20							1.38							.40		1.05												.90	3.93
Thornburg	Arkansas				.13	T.					T.				.05	T		T	.07												T.	1.46	1.71
Waldron	Arkansas				.10					.93			.15	.17		T.									T	.03					T.	.16	1.54
Warren	Ouachita					2.05						T.			T.				.20														.70	2.95
Waters	Ouachita				.55					.92						.22																.52	2.21
Whitecliffs	Red				.60															.90	T.					T.						.70	2.20
Wilson	Mississippi													.05	.17	.12		.33	.03	.20											.04	.02	0.96
Winslow	Arkansas				.10				T	.26	.01			.05		T.	.02	.38	.09				T.									T.	0.91
Wynne	Mississippi													.25	.25			1.10		.40											T.		2.00
Yancopin	Arkansas					.05						.28						T.														T.	.09	0.42

Daily River Stages for August, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.2	3.1	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.8	3.0	3.1	3.4	3.4	3.5	3.7	3.6	3.8
Ozark	do	22	-0.1	-0.1	-0.1	-0.2	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.7	-0.7	-0.8	-0.8	-0.8	-0.6	-0.4	-0.3	-0.2	0.0	0.0	0.1	0.2
Dardanelle	do	20	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.5	3.3	3.3	3.2	3.3	3.2	3.1	3.0	3.0	3.0	3.1	3.3	3.4	3.5	3.6	3.7	4.4
Morrilton	do	20	0.0	0.0	-0.1	-0.2	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4	-0.5	-0.5	-0.5	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.5	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.3	-0.2	-0.2	-0.2	-0.1
Little Rock	do	23	-0.8	-0.8	-0.8	-0.7	-0.6	-0.6	-0.7	-0.8	-0.9	-1.0	-1.0	-1.1	-1.2	-1.2	-1.1	-1.1	-1.1	-1.1	-0.3	0.0	-0.1	-0.2	-0.2	-1.3	-1.4	-1.4	-1.3	-1.1	-1.1	-1.0	-0.4
Pine Bluff	do	25	4.8	4.7	4.6	4.7	4.8	4.8	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.7	4.6	4.4	4.2	4.0	3.9	3.8	3.8	3.8	3.9	4.0	4.2
Yancopin	do	29	6.1	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.3	5.4	5.9	5.9	5.9	5.4	5.0	4.9	4.9	4.8	4.7	4.9
Danville	Petit Jean	20	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.9	0.8	0.9	1.0	0.9	0.8	0.6	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.9

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	1.9	1.9	1.9	1.8	1.9	2.0	2.0	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.8	1.8	1.8	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
Calico Rock	do	18	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4	-0.1	-0.2	0.0	0.2	0.1	0.0	0.0	0.0	-0.2	-0.4	-0.3	-0.3	-0.4	-0.3	-0.2
Batesville	do	23	4.3	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	5.2	4.8	4.8	4.8	4.9	4.7	4.5	4.5	4.5	4.5	4.3	4.3	4.3	4.1	4.3
Newport	do	26	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	1.0	0.8	1.1	1.4	1.2	1.2	1.5	1.4	1.2	1.2	1.2	1.2	1.0	0.9	0.8	0.7	0.6
Georgetown	do	22	1.2	1.2	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.6	1.0	1.9	1.6	1.4	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7
De Valls Bluff	do	24	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.3	4.9	5.3	5.3	5.3	5.4	5.5	5.4	5.3	5.0	4.8	4.6	4.5	4.4	4.2
Clarendon	do	30	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.1	7.1	7.1	7.0	7.0	6.9	6.9	6.9	6.9	6.9	7.3	7.7	7.8	7.8	7.9	8.0	8.0	7.9	7.7	7.6	7.4	7.3	7.2	7.1
Gilbert	Buffalo	30	2.7	2.7	2.7	2.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Black Rock	Black	14	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.8	1.8	1.8	1.8	1.8	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.6	1.6	1.5	1.5
Camden	Ouachita	30	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Fulton	Red	28	5.5	5.4	5.4	5.3	5.5	5.4	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.0	5.0	5.0	4.9	4.9	4.8	5.1	5.0	4.9	4.8	4.8	4.7	4.7	4.7	4.7	4.9
Helena	Mississippi	44	4.0	4.2	3.9	3.4	3.1	2.9	2.8	2.6	2.5	2.4	2.3	2.1	1.9	1.9	2.0	1.9	1.9	2.0	2.1	2.1	2.2	2.5	2.3	2.3	2.2	2.1	1.9	1.8	1.8	1.9	2.3
Arkansas City	do	48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.8	2.9	3.0	3.0	3.0	2.8	2.7	2.5	2.4	2.5

Daily Temperatures for August, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	104	104	104	94	101	102	106	109	105	108	102	102	105	108	109	108	104	103	100	89	93	92	93	93	94	97	100	100	99	83	82	99.8
	Minimum	67	68	71	74	69	72	72	75	77	74	74	72	72	72	74	71	72	75	69	70	64	64	61	60	69	61	61	62	61	63	67	68.8
Bentonville	Maximum	93	98	101	98	93	94	96	99	100	98	86	95	102	102	98	98	92	88	88	86	83	80	83	81	86	90	91	93	94	91	88	92.4
	Minimum	64	66	71	69	66	70	69	70	71	72	68	67	74	75	71	68	68	66	63	68	64	60	55	63	56	56	59	60	62	65	67	65.9
Bee Branch	Maximum	100	102	105	102	101	103	107	108	111	105	98	93	91	107	97	102	100	94	90	86	89	87	86	85	89	91	94	96	94	90	83	96.3
	Minimum	63	63	65	72	63	65	72	72	71	75	69	70	68	68	72	68	65	71	67	64	62	60	58	61	60	59	60	63	62	67	67	65.8
Blytheville	Maximum	93	98	99	100	99	101	102	105	107	95	89	85	80	93	91	88	93	88	87	84	85	84	86	88	92	91	94	95	93	92	84	92.3
	Minimum	66	61	71	77	71	72	75	76	77	77	70	65	67	70	73	74	76	68	70	60	62	59	59	57	60	63	63	65	63	74	71	68.1
Booneville	Maximum	100	104	108	102	100	103	105	108	110	105	97	101	106	107	104	105	102	96	99	96	96	90	91	91	94	96	99	100	99	95	84	99.8
	Minimum	65	68	72	73	69	68	70	73	74	70	73	74	74	72	76	73	73	75	70	73	63	67	57	63	62	59	64	64	65	68	69	68.9
Brinkley	Maximum	99	102	103	100	101	104	106	109	110	107	95	95	89	104	99	101	100	94	90	90	90	86	88	91	94	95	99	101	100	91	89	97.5
	Minimum	64	60	66	77	66	67	69	72	73	74	71	68	65	70	75	71	68	71	71	62	60	59	55	53	59	57	57	60	60	71	70	65.8
Calico Rock§§	Maximum	98	104	106	105	101	105	105	109	111	100	90	92	85	103	95	97	95	88	87	86	88	85	87	89	90	94	96	98	97	90	83	95.5
	Minimum	65	63	66	71	69	66	66	72	68	72	65	65	66	66	68	70	70	71	69	62	59	54	55	57	54	54	54	55	60	61	64	63.8
Camden§§	Maximum	100	102	103	96	100	100	103	106	102	102	100	101	103	104	105	102	101	100	96	89	92	90	90	91	93	95	97	98	93	89	88	97.8
	Minimum	65	64	68	78	66	67	70	72	76	74	75	69	71	75	76	72	74	72	70	71	62	63	59	59	65	60	58	59	59	63	67	67.7
Center Point	Maximum	101	104	107	95	99	101	105	108	105	104	103	102	103	107	106	104	105	104	103	94	97	94	94	92	92	97	99	100	96	85	87	99.8
	Minimum	70	72	77	74	70	71	74	76	79	74	75	73	75	76	76	74	77	73	71	72	68	70	65	69	69	68	67	70	68	73	74	72.3
Conway	Maximum	103	105	106	99	104	106	108	112	114	106	95	96	98	108	102	104	103	95	94	90	92	91	91	90	93	96	98	98	100	91	88	99.2
	Minimum	63	65	66	76	67	66	70	72	74	71	73	71	71	72	75	75	68	72	69	63	59	58	56	57	59	57	63	60	62	72	69	66.8
Corning	Maximum	100	102	105	107	102	105	108	110	112	105	96	85	74	96	87	91	92	94	92	93	91	88	91	92	96	99	100	100	99	91	86	96.4
	Minimum	59	57	62	74	66	67	66	68	71	71	69	59	62	64	69	67	69	69	66	56	56	54	52	51	52	53	55	56	56	63	64	62.0
Dardanelle	Maximum	98	103	105	97	99	100	102	105	106	105	97	98	109	105	98	100	97	90	95	90	91	89	90	91	93	95	97	99	99	92	82	97.0
	Minimum	63	67	68	72	71	70	73	72	76	74	74	72	73	71	72	73	70	71	68	68	63	62	58	60	62	58	61	64	66	68	68	68.0
Dumas	Maximum	98	100	105	100	101	103	104	108	106	105	98	98	95	105	100	100	102	95	95	92	92	89	90	91	92	95	97	99	95	82	87	97.4
	Minimum	65	63	63	77	66	72	70	74	75	76	74	70	72	74	77	71	72	75	71	65	60	57	56	58	69	60	58	60	61	72	70	67.8
Dutton	Maximum	90	98	101	92	95	97	97	100	101	100	92	94	98	102	93	96	90	88	89	86	86	81	85	81	87	88	89	92	92	89	79	91.9
	Minimum	59	57	59	66	59	58	59	60	61	68	62	62	63	66	64	66	65	64	59	59	54	52	48	52	47	46	50	49	52	55	62	58.2
El Dorado	Maximum	100	104	103	96	100	99	102	104	99	100	100	100	102	102	103	100	100	102	98	92	93	91	90	92	90	95	97	98	91	87	89	97.4
	Minimum	71	70	76	77	70	72	76	78	76	78	77	73	74	78	76	74	77	78	72	74	66	68	63	64	70	66	64	64	66	72	68	71.9
Eureka Springs	Maximum	98	101	105	102	96	98	99	104	106	103	102	97	101	105	101	101	92	91	92	89	87	82	86	81	91	91	94	95	95	96	85	95.7
	Minimum	65	71	76	72	70	73	75	73	76	76	67	68	69	75	70	68	67	71	64	66	64	61	57	65	60	61	67	67	68	68	68	68.3
Fayetteville	Maximum	97	101	104	99	94	92	100	102	102	100	96	100	103	104	101	99	96	90	91	88	86	80	84	82	84	91	93	93	94	92	87	94.4
	Minimum	59	64	74	73	65	66	67	68	69	74	68	68	74	76	70	70	64	67	65	67	63	62	54	58	55	54	58	58	57	65	66	65.1
Fort Smith	Maximum	97	103	106	97	98	100	106	103	104	102	95	100	105	105	103	102	99	97	97	90	92	83	88	85	91	94	96	97	97	90	86	97.0
	Minimum	70	73	77	75	70	74	75	77	79	75	74	75	75	75	79	78	74	76	72	74	71	70	62	67	65	66	68	71	72	70	69	72.5
Grannis	Maximum	101	102	104	91	95	98	102	105	102	103	103	100	103	104	105	101	101	102	103	90	96	90	94	90	93	91	96	99	92	90	87	97.8
	Minimum	61	60	65	70	64	62	63	65	63	65	67	70	65	66	67	65	68	68	65	60	58	60	55	56	65	55	55	60	56	67	63	62.9
Gravette	Maximum	97	107	104	102	96	95	99	102	104	101	94	100	104	104	98	100	93	88	89	88	85	79	83	80	86	89	93	94	95	92	94	94.7
	Minimum	62	67	72	70	66	68	67	68	69	74	68	68	73	75	74	67	67	73	64	67	64	62	55	62	56	58	60	59	60	66	67	66.1
Helena	Maximum	95	100	103	98	98	101	106	107	107	102	96	97	87	100	99	98	101	95	90	88	91	87	88	91	93	98	97	90	97	88	84	95.9
	Minimum	68	61	65	70	66	71	71	73	74	74	74	69	69	73	75	72	70	70	72	65	64	61	57	57	63	59	60	60	61	71	69	67.2
Hope	Maximum	104	110	108	99	106	104	107	111	102	106	107	105	106	108	108	107	107	108	103	93	95	98	96	95	98	100	100	104	103	89	93	102.6
	Minimum	64	69	75	80	77	69	72	75	77	75	74	71	73	73	76	72	75	72	69	72	62	65	59	61	67	59	58	61	62	62	67	69.1
Hot Springs	Maximum	99	102	99	101	102	103	103	109	102	96	100	102	105	107	99	103	102	94	97	92	93	90	89	93	86	97	98	99	100	94	89	98.2
	Minimum	67	79	82	74	78	74	83	76	78	72	71	72	73	75	71	69	68	66	66	64	65	62	62	64	60	66	63	68	68	66	64	69.9
Jonesboro	Maximum	99	101	104	104	100	101	106	108	111	101	92	87	79	95	90	93	94	91	87	85	87	84	86	89	94	95	98	98	98	91	87	94.8
	Minimum	66	62	67	80	71	76	77	78	78	78	73	69	64	67	74	75	70	71	66	65	62	59	59	59	60	63	64	67	66	74	63	68.5
Lead Hill	Maximum	100	105	108	98	99	102	105	106	108	102	88	94	90	103	97	100	94	88	88	89	87	85	88	87	91	92	95	96	97	94	86	95.5
	Minimum	62	65	71	71	66	66	67	67	68	71	65	64	66	68	69	67	69	67	66	64	58	52	54	52	53	52	51	54	56	59	68	62.8
Little Rock	Maximum	96	98	101	97	97	98	102	105	104	103	88	93	93	100	96	96	99	87	89	86	87	86	86	87	89	91	94	96	94	82	86	93.7
	Minimum	71	75	76	74	70	77	76	80	78	77	74	73	71	78	78	72	70	74	71	68	67	67	63	65	69	67	66	70	70	73	68	71.9
Lutherville	Maximum	101	104	108	98	100	101	103	103	109	102	96	95	99	105	96	99	95	91	91	90	87	85	89	85	89	92	96	100	97	88	77	95.8
	Minimum	65	72	72	76	68	71	74	75	76	74	72	72	72	72	69	69	67	77	69	67	64	64	60	61	61	62	64	68	69	67	67	68.9
Magnolia	Maximum	102	105	106	97	99	98	100	103	102	99	101	97	102	100	101	102	100	101	97	93	93	92	90	95	92	97	101	97	93	92	90	98.0
	Minimum	67	74	75	80	68	70	73	74	73	74	73	78	76	76	77	74	76	76	71	74	64	68	63	63	71	62	60	62	62	73	66	70.7
Malvern	Maximum	102	105	106	99	104	103	108	111	109	109	101	103	105	105	104	103	103	90	99	92	96	94	93	94	96	99	101	101	100	93	85	100.4
	Minimum	65	65	68	77	66	67	69	70	73	71	75	72	70	74	75	70	71	70	69	68	61	60	56	59	71	58	58	59	60	73	68	67.4
Marianna	Maximum	95	96	100	97	97	100	102	104	103	101	91	91	87	97	94	93	96	96	87	86	87	85	86	90	90	92	94	95	94	89	89	93.7
	Minimum	66	61	69	72	63	72	74	75	75	77	74	67	70	74	76	74	70	70	73	64	61	59	57	56	56	60	60	63	67	72	72	67.7
Marshall	Maximum	98	102	104	101	100	101	103	103	107	101	93	94	86	102	96	100	91	88	84	84	83	83	86	83	85	101	92	93	91	86	86	93.8
	Minimum	62	75	75	76	65	66	65	72	70	72	74	71	70	68	69	72	67	70	67	62	58	54	54	58	53	53	53	57	57	68	66	65.1
Mena	Maximum	100	104	105	95	99	101	105	106	104	99	96	99	102	105	98	101	100	96	95	90	93	85	91	87	91	95	98	95	98	90	82	96.9
	Minimum	63	68	71	79	69	68	70	75	75	69	71	68	73	74	76	72	72	71	65	70	62	64	59	64	67	60	64	65	64	68	68	68.5
Mount Ida	Maximum	100	101	103	92	98	100	103	107	106	104	101	102	103	105	102	102	102	92	97	87	93	88	90	92	93	95	97	101	98	86	82	97.5
	Minimum	60	60	64	72	66	64	65	65	71	65	65	65	65	67	70	67	67	69	63	65	56	58	51	53	64	52	52	56	55	68	66	62.8
Newport	Maximum	101	103	105	105	101	104	107	110	114	100	93	92	82	97	94	93	95	91	88	89	88	85	88	89	93	95	97	98	98	87	85	95.7
	Minimum	66	63	67	75	69	71	72	74	75	80	70	66	63	67	74	76	69	73	72	63	62	60	60	60	60	60	61	61	63	69	71	67.5
Pine Bluff	Maximum	97	100	102	95	98	100	102	106	105	103	94	95	99	103	98	100	101	89	93	90	90	88	88	91	92	95	97	99	97	87	89	96.2
	Minimum	71	70	76	81	70	74	74	78	78	78	76	75	72	79	81	73	73	73	73	69	65	64	62	62	71	64	63	64	67	74	69	71.6
Pocahontas	Maximum	98	100	104	105	100	104	105	107	110	105	95	89	76	93	89	89	90	92	88	88	88	85	87	88	92	94	96	96	95	92	84	94.3
	Minimum	66	61	61	72	67	68	69	73	73	74	70	66	61	66	72	70	70	69	63	62	62	61	58	56	56	57	59	59	61	64	70	65.1
Portland	Maximum	97	100	102	96	99	102	104	105	102	103	96	96	98	101	98	98	98	98	95	91	90	89	87	88	90	94	96	95	88	86	90	95.9
	Minimum	72	62	69	74	61	67	70	72	74	76	71	71	69	73	76	72	73	75	70	69	63	60	60	58	69	59	59	61	63	61	69	67.7
Prescott	Maximum	103	104	106	101	102	101	103	108	106	105	103	103	100	102	105	103	104	103	100	98	99	101	99	97	96	96	96	94	96	97	100	101.0
	Minimum	68	66	70	74	69	70	73	74	77	76	75	70	69	74	76	72	74	75	68	67	65	67	62	64	66	65	63	65	67	66	68	69.5
Rison	Maximum	103	105	105	99	101	101	105	110	108	106	100	102	104	106	102	105	102	99	98	94	95	93	93	94	96	100	101	102	98	89	90	100.2
	Minimum	67	67	74	73	67	71	71	75	75	76	76	74	71	76	76	72	70	73	70	68	64	61	59	63	70	64	62	63	63	73	67	69.4
Searcy	Maximum	98	102	105	102	95	99	102	104	108	108	91	92	90	100	95	96	94	87	85	85	85	83	85	86	89	92	94	97	95	85	85	94.0
	Minimum	64	63	65	71	66	69	70	72	71	73	67	66	66	68	73	71	68	69	70	63	63	61	59	59	59	59	59	60	61	69	70	65.9
Stuttgart	Maximum	100	104	104	101	101	104	101	107	104	106	97	99	99	105	100	100	100	94	94	91	90	89	90	94	96	97	99	101	97	89	90	98.2
	Minimum	64	72	76	68	70	73	70	70	76	71	70	68	69	77	72	70	69	70	63	61	58	57	56	54	61	60	61	65	72	70	70	67.2
Texarkana	Maximum	101	103	103	100	100	100	103	106	100	102	103	95	99	100	102	100	101	101	98	92	94	90	90	..	..	..	93	95	92	87	90	97.9
	Minimum	70	72	74	75	70	65	63	72	73	73	71	69	70	70	73	71	73	72	69	71	61	67	62	..	..	..	63	62	62	61	64	68.7
Thornburg	Maximum	99	101	103	95	100	101	103	108	109	105	97	99	101	104	100	101	101	89	94	90	92	90	89	91	92	95	97	98	97	89	83	97.2
	Minimum	58	69	71	71	64	63	67	70	71	69	73	67	70	72	73	67	68	69	61	58	54	51	49	53	54	50	51	57	66	70	57	63.1
Warren	Maximum	93	103	101	98	97	98	98	102	101	99	98	95	95	101	102	101	100	97	94	90	89	87	86	92	91	93	95	97	95	93	87	95.7
	Minimum	69	70	73	67	69	73	74	78	75	78	75	75	72	79	82	83	78	71	72	66	65	62	60	62	70	64	64	63	65	65	70	70.6
Wilson	Maximum	91	98	101	100	99	101	103	105	107	96	90	88	80	91	90	90	95	90	85	84	85	81	84	88	92	92	95	98	97	94	85	92.7
	Minimum	61	52	65	76	67	73	71	74	76	72	72	62	63	68	74	74	74	68	70	59	58	56	55	53	56	56	58	60	64	72	70	65.5
Wynne	Maximum	96	102	104	103	101	103	107	108	109	95	92	92	82	94	93	93	94	91	85	85	86	82	86	88	92	93	95	99	94	85	85	94.0
	Minimum	64	62	65	69	68	71	74	74	75	76	75	66	64	63	74	73	69	75	70	64	59	55	56	55	60	58	60	62	65	70	71	66.5

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. , 9 25-30--980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXV   LITTLE ROCK, ARK., SEPTEMBER, 1930   No. 9

GENERAL SUMMARY

Temperatures averaged above normal the first half of September and were again above from the 17th to the 25th with maxima occurring at most stations during the first decade. The latter part of the month was cool, the minimum temperature being recorded on the 27th at nearly all stations, and Dutton, Story, and Winslow reporting light frost on that date. Showers occurred at many stations the first week of the month, but were more general from the 8th to the 15th and later from the 23d to the 26th. On the night of the 14-15th high winds accompanied by rain were reported throughout the State with destructive windstorms striking at Fort Smith and Hot Springs. Damage by wind was also reported from the vicinity of El Dorado on the 4th and from the northwestern part of the State on the 25th. Two persons were killed by lightning during the month; one at Eureka Springs on the 14th and one at Huttig on the 15th.

The mean temperature for the State, as determined by the records of 61 stations was 75.7° which is 1.5° above normal, all stations except six for which normals have been computed showing positive departures. Monthly means ranged from 69.8° at Dutton to 79.7° at Hope. The highest temperature recorded was 106° at Hope on the 8th, the lowest 35° at Dutton on the 27th. The greatest daily range was 45° at Brinkley on the 5th.

The average rainfall, based on the reports of 90 stations, was 4.10 inches which is a departure of 0.67 inch above normal. Of the 64 stations with records of 10 years or more, 44 reported positive departures and 20 negative. The greatest amount measured in any 24-hour period was 5.00 inches at Harrison on the 8th. The average number of days with 0.01 inch or more precipitation was 8.

T.A.M.

Corrections for August, 1930

Rainfall: Princeton on 31st should be 1.20: total for month 2 83; departure −0.51. Average for Arkansas for August 2.53, departure −1.16. Greatest in 24 hours 4 97 at Searcy.

Corrections: July, 1930

El Dorado:---Mean should be 87.1: departure +5.6.
Newport:-----Date of lowest temperature should be 16th†.
Subiaco:-----Number of days clear should be 12, partly cloudy 14, cloudy 5

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:-1st, 1; 2d, 18; 3d, 20; 4th, 2; 5th, 4; 6th, 8; 7th, 28; 8th, 32; 9th, 42; 10th, 19; 11th, 18; 12th, 19; 13th, 5; 14th, 20; 15th, 28; 16th, 2; 20th, 2; 23d, 10; 24th, 4; 25th, 14; 26th, 17.

SOLAR HALOS:-----4th, 1; 5th, 1; 15th, 1; 17th, 2; 23d, 1: 26th, 1; 27th, 1; 28th, 1.

LUNAR HALOS:----3d, 1; 4th, 1; 5th, 2; 6th, 1; 15th, 1.

DENSE FOGS:------9th, 1; 11th, 4; 12th, 2; 13th, 1; 17th, 2; 18th, 2; 19th, 2; 20th, 3; 21st, 1; 27th, 1; 28th, 1.

LIGHT HAIL:------Booneville and Winslow, 26th; Story, 28th.

MODERATE HAIL:-Helena, 12th, slight damage. Eureka Springs, 14th, no damage.

HEAVY HAIL:----Mountain Home, 8th, considerable damage. Winslow, 14th, considerable damage to truck.

Straight Blows:---El Dorado, 4th, $10,000 damage; Smackover, 4th, $7,000. Mountain Home, 8th, $4,000. Helena, 12th, $1,000. Fort Smith, 14th, $100,000; one person injured. Hot Springs, 15th, $1,000. Searcy, 15th, $1,500. Siloam Springs, 25th, $35,000.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.96	30.24	30	29.57	15	2,998	20	ne.	15	......	......	81
Fort Smith	29.94	30.19	30	29.63	14	4,360	46	nw.	14	81	49	68
Little Rock	29.97	30.20	30	29 67	15	4,434	39	nw.	15	82	58	67
Memphis	29.98	30.26	1	29.68	15	4,148	36	n.	12	80	59	41

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**74.2**		**113**		**28**		**3.43**		**17**	**7**	**6**	**8**
1891	73.4	−0.8	102	24	40	4	0.94	−2.49	22	6	2	2
1892	70.8	−3.4	96	10	32	14	2.14	−1.29	23	4	3	3
1893	74.0	−0.2	103	14	36	26	3.75	+0.32	19	5	6	5
1894	73.1	−1.1	100	6	38	25	3.56	+0.13	14	8	8	6
1895	77.1	+2.9	105	13	32	30	1.36	−2.07	19	7	4	4
1896	73.3	−0.9	106	17	35	29	3.25	−0.18	11	9	10	10
1897	76.6	+2.4	108	3	33	22	0.60	−2.83	21	7	2	2
1898	75.2	+1.0	104	2	40	7	7.35	+3.92	15	6	9	8
1899	71.9	−2.3	109	3	28	29	1.21	−2.22	20	7	3	3
1900	78.0	+3.8	104	17	48	22	4.25	+0.82	12	12	6	7
1901	72.6	−1.6	101	8	32	18	3.08	−0.35	18	8	4	4
1902	68.4	−5.8	99	8	30	13	5.06	+1.63	15	8	7	8
1903	70.7	−3.5	102	15	31	17	2.47	−0.96	18	7	5	5
1904	75.4	+1.2	101	10	37	15	2.46	−0.97	15	9	6	5
1905	74.2	0.0	100	1	44	4	3.90	+0.47	16	7	7	8
1906	75.7	+1.5	100	1	47	30	6.24	+2.81	11	9	10	10
1907	73.9	−0.3	106	7	38	29	2.22	−1.21	19	8	3	1
1908	73.4	−0.8	101	7	29	28	4.00	+0.57	13	8	9	7
1909	74.7	+0.5	108	3	31	28	2 84	−0.59	18	7	5	5
1910	76.4	+2.2	101	23	44	18	2.41	−1.02	18	8	4	5
1911	79.0	+4.8	102	27	46	22	3.67	+0.24	18	9	3	6
1912	78.5	+4.3	106	6	32	26	2.40	−1.03	18	8	4	4
1913	71.7	−2.5	108	4	33	21	10.10	+6.67	9	9	12	13
1914	74.4	+0.2	101	9	38	24	3.19	−0.24	16	9	5	5
1915	74.9	+0.7	100	19	34	22	1.43	−2.00	16	8	6	3
1916	72.5	−1.7	102	4	30	30	3.40	−0.03	19	6	5	6
1917	71.8	−2.4	99	1	37	29	1.76	−1.67	18	7	5	4
1918	67.3	−6.9	104	15	29	21	4.63	+1.20	16	5	9	7
1919	74.6	+0.4	108	10	40	12	2.72	−0.71	15	8	7	4
1920	74.9	+0.7	100	15	30	30	3.56	+0.13	17	6	7	6
1921	79.6	+5.4	104	2	35	30	3.38	−0.05	14	9	7	6
1922	76.2	+2.0	106	6	37	12	1.25	−2.18	22	5	3	3
1923	73 0	−1 2	98	11	45	23	5.56	+2.13	12	7	11	9
1924	69.7	−4.5	103	7+	29	30	3.99	0.56	17	5	8	7
1925	80.5	+6.3	113	6	47	12	5.96	+2.53	16	7	7	7
1926	76.8	+2.6	101	13	40	26	3.99	+0.56	11	8	8	7
1927	75.9	+1.7	105	17	32	21	3.37	0.06	16	8	6	6
1928	70.5	−3.7	101	15	32	24	0.45	−2.98	22	5	3	1
1929	73 4	−0.8	102	1	41	19	2.46	−0.97	15	8	7	5
1930	75.7	+1.5	106	8	35	27	4.10	+0.67	15	8	7	8

Climatological Data for September, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	76.0	+1.8	100	3†	45	27	36	3.77	+0.48	1.07	0.0	8	11	18	1	s.	J. W. Campbell
Arkadelphia	Clark	250	34	....	....	....	....	....	....	....	3.89	+1.25	1.13	0.0	9	15	4	11	s.	W. K. Bown
Arkansas City ††	Desha	145	46	....	....	....	....	....	....	....	3.68	+0.76	1.18	0.0	8	..	..	..	....	J. H. Catham
Arlberg	Stone	700	8	....	....	....	....	....	....	....	3.58	....	1.45	0.0	6	13	10	7	ne.	J. D. Reeves
Batesville	Independence	277	31	72.2	−0.8	96	7†	41	27	42	3.28	−0.62	1.12	0.0	13	15	3	12	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	75.1	+0.7	105	2	43	27	39	3.77	+0.65	1.56	0.0	8	10	13	7	s.	I. E. Scanlan
Bentonville	Benton	1303	25	72.8	+3.9	97	1	44	27	32	5.73	+2.26	2.20	0.0	7	25	2	3	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	....	....	....	....	....	....	....	4.34	+1.10	1.34	0.0	8	20	1	9	s.	Vernon C. Howe
Blytheville	Mississippi	252	5	76.4	....	97	2	48	27	34	3.19	....	1.12	0.0	9	8	13	9	s.	Francis Carpenter
Booneville	Logan	465	16	77.4	+1.8	102	12†	43	27	35	2.97	−0.21	1.50	0.0	6	16	10	4	s.	F. H. Randolph
Brinkley	Monroe	205	43	76.8	+2.2	102	7	43	27	45	4.43	+1.20	1.65	0.0	7	13	11	6	ne.	R. J. Torry
Calico Rock	Izard	361	26	73.0	+1.2	100	7	43	27	38	7.64	+4.07	2.71	0.0	13	10	14	6	w.	W. J. Copp
Camden	Ouachita	158	45	75.9	+0.5	98	9	46	27	34	3.77	+0.45	1.60	0.0	10	16	3	11	nw.	A. B. Quarterman
Center Point	Howard	470	31	79.2	+2.5	102	13	50	27	34	2.48	−1.19	1.19	0.0	7	14	12	4	se.	John C. Floyd
Clarendon	Monroe	200	26	....	....	....	....	....	....	....	3.23	−0.37	1.12	0.0	9	13	3	11	n.	J. W. Bishop
Clinton	Van Buren	516	9	....	....	....	....	....	....	....	2.86	....	1.36	0.0	7	19	7	4	w.	A. L. Stephens
Conway	Faulkner	309	47	77.0	+2.0	105	7	46	27	37	4.05	+0.54	1.12	0.0	6	14	13	3	e.	E. E. Cordrey
Corning	Clay	293	37	73.8	+1.4	97	2	41	27	41	4.80	+1.08	1.70	0.0	10	21	1	8	sw.	Winfred D. Polk
Corning (river)	Clay	280	6	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Henry Stafford
Cotter	Baxter	408	3	....	....	....	....	....	....	....	6.29	....	2.05	0.0	9	13	5	12	sw.	Charles Turnipseed
Crossett	Ashley	175	15	78.0	+3.6	101	2†	48	27	38	2.24	−0.26	0.61	0.0	10	8	12	10	sw.	G. A. Gifford
Danville	Yell	327	14	....	....	....	....	....	....	....	4.30	+1.35	1.94	0.0	5	20	0	10	e.	C. G. Hudson
Dardanelle	Yell	330	44	77.0	+2.6	102	12	45	27	35	5.73	+2.44	1.60	0.0	10	12	9	9	sw.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	....	....	....	....	....	....	....	2.46	....	0.71	0.0	8	20	3	7	....	H. G. Pate
Dumas	Desha	162	24	77.6	+2.0	100	6†	45	27	36	2.30	−1.50	0.65	0.0	7	4	20	6	s.	Ben Johnson
Dutton	Madison	1590	27	69.8	+1.1	95	2†	35	27	42	6.07	+1.97	2.02	0.0	7	14	11	5	s.	J. M. Ricketts
El Dorado	Union	270	29	78.6	+2.2	99	12	50	28	28	3.33	+0.47	1.28	0.0	7	4	12	14	ne.	J. J. Babb
England	Lonoke	229	23	77.2	+2.1	101	2†	48	27	42	6.90	+3.20	2.84	0.0	8	16	11	3	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	73.8	+2.0	99	2	47	26	36	4.96	+1.00	2.19	0.0	7	13	10	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	74.2	+1.8	97	2†	43	27	35	4.31	+1.13	1.85	0.0	8	14	11	5	s.	University of Arkansas
Fort Smith	Sebastian	457	49	77.4	+3.4	100	7	48	27	33	2.47	−0.52	0.95	0.0	8	12	12	6	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	6	....	....	....	....	....	....	....	5.88	....	2.12	0.0	11	17	5	8	s.	J. R. Mc Cuiston
Fulton	Hempstead	260	44	....	....	....	....	....	....	....	4.51	+2.07	2.12	0.0	6	18	1	11	....	T. J. Logan
Georgetown	White	200	18	....	....	....	....	....	....	....	4.13	+0.45	1.30	0.0	8	10	7	13	....	W. R. Owens
Gilbert	Searcy	675	7	....	....	....	....	....	....	....	4.89	....	1.00	0.0	16	13	14	3	....	Ben F. Battenfield
Grannis	Polk	900	11	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	W. E. McVay
Gravette	Benton	1250	33	73.6	+2.8	97	1	40	27	37	6.85	+3.44	3.60	0.0	7	14	10	6	se.	A. F. Stevens
Harrison	Boone	1052	29	....	....	98	7	....	....	....	11.80	+8.21	5.00	0.0	5	15	9	6	....	Dan Robertson
Helena	Phillips	250	58	77.4	+2.6	100	2†	46	27	33	3.17	−0.26	1.60	0.0	9	7	14	9	s.	James A. Burnett
Higden	Cleburne	445	12	....	....	....	....	....	....	....	4.31	....	1.72	0.0	7	10	14	6	w.	Geo. W. Baker
Highland	Pike	....	1	79.2	....	101	8	50	27	35	1.63	....	1.00	0.0	6	22	8	0	s.	Tom W. Stewart
Hope	Hempstead	377	59	79.7	+3.7	106	8	46	27	38	2.72	−0.27	1.18	0.0	7	22	5	3	s.	N. P. O'Neal
Hot Springs	Garland	600	39	73.4	−2.0	97	5	46	27	34	2.37	−1.10	1.62	0.0	4	21	8	1	....	G. C. Bolton
Index ‡‡	Little River	275	5	....	....	....	....	....	....	....	3.38	....	1.38	0.0	5	11	5	11	....	H. G. Sanderson
Jessieville	Garland	750	4	....	....	....	....	....	....	....	5.60	....	1.77	0.0	9	17	9	4	....	U. S. Forest Service
Jonesboro	Craighead	345	35	77.2	+2.9	99	2	48	27	35	2.62	−0.87	0.93	0.0	8	19	6	5	sw.	Benedictine Sisters
Junction ‡‡	Union	182	36	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. A. Lowderback
Lead Hill	Boone	650	3	72.6	....	98	1†	40	27	37	6.36	....	3.53	0.0	7	21	3	6	s.	J. H. Crosswhite
Little Rock	Pulaski	357	51	76.5	+2.4	97	13	51	27	30	2.86	−0.31	0.85	0.0	9	9	12	9	s.	U. S. Weather Bureau
Lurton	Newton	2100	5	70.0[a]	....	90[a]	3†	45[a]	26	25	5.99	....	2.05	0.0	11	20[a]	1[a]	8[a]	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	32	75.2	+1.6	97	12	44	27	32	5.23	+1.78	1.54	0.0	7	15	6	9	e.	H. G. Lenhardt
Magnolia	Columbia	315	11	77.6	+0.4	98	8	51	27†	30	3.60	+1.38	1.35	0.0	7	6	19	5	ne.	State Agri. School
Malvern	Hot Springs	277	43	77.4	+3.1	101	8	45	27	41	3.67	+0.49	1.30	0.0	8	21	5	4	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	72.2	+0.8	93	2	43	27	30	6.73	+3.12	1.70	0.0	11	14	11	5	sw.	S. F. Whittaker
Marianna	Lee	235	18	75.5	+2.5	95	7†	47	27	37	2.63	−0.61	1.63	0.0	8	10	10	10	s.	C. N. Houck
Marked Tree	Poinsett	229	25	75.0	+0.9	99	2	43	27	40	1.92	−0.52	0.51	0.0	7	8	18	4	n.	Charles Walton
Marshall	Searcy	1070	16	71.8	−0.7	95	2	40	27	38	4.62	+0.74	1.03	0.0	12	13	10	7	sw.	A. J. Parks
Mena	Polk	1185	42	76.0	+2.2	97	7†	43	27	42	4.05	+0.46	1.55	0.0	7	16	4	10	nw.	E. W. St. John
Morrilton	Conway	347	9	75.8	....	101	13	46	27	32	2.98	....	0.84	0.0	6	18	3	9	se.	John Cook
Mountain Home	Baxter	800	16	73.6	+2.6	100	2	42	27	34	6.63	+2.57	2.32	0.0	9	13	3	14	w.	B. S. Halbert
Mount Ida	Montgomery	650	31	74.4	+1.5	99	13	39	27	40	2.18	−1.01	0.62	0.0	7	18	6	6	se.	G. A. Whittington
Newport	Jackson	231	46	76.4	+2.6	98	2†	45	27	36	3.56	−0.19	0.91	0.0	9	13	9	8	n.	J. D. Henderson
Norman	Montgomery	750	3	....	....	....	....	....	....	....	3.11	....	1.00	0.0	6	17[a]	11[a]	1[a]	....	U. S. Forest Service
Oden	Montgomery	800	4	....	....	....	....	....	....	....	3.58	....	1.52	0.0	5	15	8	7	sw.	U. S. Forest Service
Okay	Howard	288	1	76.9	..	98	2†	43	27	35	3.61	....	1.52	0.0	8	14	8	8	s.	Frank K. Hensley
Osceola	Mississippi	240	32	77.6	+4.1	100	2	48	27	37	3.05	+0.39	1.20	0.0	6	15	6	9	s.	June Thomason
Ozark	Franklin	396	31	76.2	+0.1	102	7	44	27	38	3.95	+0.96	1.60	0.0	8	20	1	9	se.	Orkney O. Milton
Paragould	Greene	301	4	....	....	....	....	....	....	....	2.32	....	0.57	0.0	7	19	9	2	ne.	W. R. Heagler
Patterson	Woodruff	196	14	....	....	....	....	....	....	....	4.57	+1.81	1.15	0.0	7	19	4	7	s	W. E. Baker
Piggott	Clay	307	6	....	....	....	....	....	....	....	3.78	....	1.11	0.0	8	14	10	6	sw.	V. C. Wright
Pine Bluff	Jefferson	215	43	77.9	+1.9	99	6	50	27	35	6.76	+3.15	2.00	0.0	8	11	8	11	nw	Miss Theresa Scheu
Pocahontas	Randolph	300	37	71.5	−0.3	97	2	42	27	35	4.31	+0.73	1.40	0.0	8	14	5	11	ne.	Benedictine Sisters
Portland	Ashley	122	24	76.8	+0.4	98	5	49	27†	38	2.77	+0.02	1.00	0.0	9	5	15	10	sw.	W. E. Edmiston
Prescott	Nevada	329	12	78.3	2.5	101	1	46	28	40	2.54	−0.44	0.84	0.0	6	20	0	10	s.	C. D. Calhoun
Princeton	Dallas	287	21	....	....	....	....	....	....	....	5.84	+2.51	2.60	0.0	7	18	0	12	....	Mrs. Dora Coleman
Rison	Cleveland	243	29	77.6	+1.8	100	2†	47	27	35	3.65	+0.28	0.80	0.0	9	15	13	2	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	73.7	+2.6	100	1	41	27	38	4.69	+1.19	1.17	0.0	9	15	8	7	w.	Carl A. Starck
St. Charles	Arkansas	175	1	76.9[a]	....	100	7	46[a]	27	40[a]	1.21	....	0.35	0.0	5	16	7	7	s.	Ballard Deane
St. Francis	Clay	290	2	....	....	....	....	....	....	....	4.92	....	2.24	0.0	8	16	6	8	....	P. T. Rooney
Searcy	White	236	21	75.3	+1.9	98	7	46	27	34	4.79	+1.50	1.46	0.0	8	21	5	4	se.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	....	....	....	....	....	....	....	3.36	+0.06	1.54	0.0	6	16	2	12	....	Miss Grace Field
Story	Montgomery	700	6	....	....	....	....	....	....	....	3.46	....	1.37	0.0	8	15	13	2	s.	S. C. Story
Stuttgart	Arkansas	228	45	77.3	−2.5	101	6	46	26	35	2.92	−0.52	0.85	0.0	7	12	13	5	se.	Adam F. Buerkle
Subiaco	Logan	1050	33	77.6	+4.0	101	7†	45	27	37	6.65	+3.41	1.95	0.0	6	13	6	11	s.	New Subiaco Abbey
Texarkana	Miller	332	44	76.8	0.0	100	8†	45	27	34	3.65	+0.92	1.55	0.0	4	18	4	8	s.	H. S. Brashear
Thornburg	Perry	650	6	75.2[d]	....	96[d]	6†	37[d]	27	41[d]	5.92	....	1.50	0.0	8	14[c]	5[c]	8[c]	s.	Edward E. Holmes
Waldron	Scott	675	11	....	....	....	....	....	....	....	2.44	−0.93	0.64	0.0	7	14	4	12	s.	Fr. Cheves Bevill
Warren	Bradley	206	36	75.6	−0.4	94	5	52	28	31	3.94	−0.24	0.91	0.0	10	13	16	1	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	....	....	....	....	....	....	....	3.11	....	0.98	0.0	6	18	2	10	sw.	J. R. Huddleston
Whitecliffs	Little River	290	26	....	....	....	....	....	....	....	3.65	+0.66	1.40	0.0	5	16	3	11	se.	Nannie O. Schirmer
Wilson	Mississippi	237	5	75.6	....	98	2†	43	27	40	2.33	....	0.60	0.0	10	21	3	6	e.	M. W. H. Collins
Winslow	Washington	1734	15	71.9	+3.1	96	13	38	27	36	5.00	+1.33	1.45	0.0	13	11	14	5	s.	J. D. Black
Wynne	Cross	250	22	71.6[d]	+0.8	99[b]	6	44[g]	27	39[g]	4.85	+1.42	1.80	0.0	9	15	5	10	sw.	R. T. Cobbs
Yancopin	Desha	167	6	....	....	....	....	....	....	....	3.26	....	1.07	0.0	11	11	8	11	....	W. E. Barton
State Means and Extremes				75.7	+1.5	106	8	35	27	45	4.10	+0.67	5.00	0.0	8	15	8	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Freeman Springs, Simpson; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for September, 1930

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita				.36					.38	.40	.03	.31			.92									.30		1.07						3.77
Arkadelphia	Ouachita	.38			.04						.55	.03	.92			.68									.15	.01	1.13						3.89
Arkansas City	Mississippi				.82					.60	.10	.08	.08			.60									1.18		.22						3.68
Arlberg	White									.40			.10			1.03								.21	.39		1.45						3.58
Batesville	White						T.		.02	.01	.10	.01	.04	.32		.32	1.12								.52	.06	.68			.04	.04		3.28
Bee Branch	Arkansas			T.					.03	.10	.15	T.				.73	.17							.08	.95		1.56						3.77
Bentonville ***	Arkansas						.11		2.04	.95	.09				1.60	.60								T.		.34							5.78
Black Rock	White							T.		T.	.71	T.	.70	.19		.41	1.34								.25	.35	.39						4.34
Blytheville	Mississippi							T.	.93	.52	.10	1.12	.32			.05								.02	.03		.10						3.19
Booneville	Arkansas								T.	.73	.02	.07				.61								.04			1.50						2.97
Brinkley	White	.06									1.40	1.65		.19		.13									.33		.67						4.48
Calico Rock	White	.05			T.		.12	T.	.57	1.88	2.71	.02	.15	.40		.68	.21							T.	.34	.14	.37			T.			7.64
Camden	Ouachita	.38			.10						.37	.56	.03			1.60	.05								.42		.24		.02				3.77
Center Point	Red			.01						.11	.03					1.06								.03	.05		1.19		T				2.48
Clarendon	White	.12							.06		.39	1.12		.03		.27	.10								.66		.48						3.23
Clinton	White			.12						.35			.03			.28								.40	.32	1.36							2.86
Conway	Arkansas									1.12		.04				.56								.72	.79		.82						4.05
Corning	White	.08									.26	.08	T.	.48	.12	1.70	.72								.26	1.00	.10						4.80
Corning (river)	White																																...
Cotter	White				T.		T.		1.44	.83	1.00			.08		2.05	.12								.40	.07	.30						6.29
Crossett	Ouachita									.03	.13	T.	.19			.61						.42		.11	.28	.22	.21	.04					2.24
Danville	Arkansas										1.94	.71				.60								T.	.47		.58						4.30
Dardanelle	Arkansas	T.						.27		.82	.06	1.60				.65	.50							T.	.61	.02	1.18			.02			5.73
De Valls Bluff	White	.20									.36	.03		.03		.27	.33								.71		.53						2.46
Dumas	Mississippi				T.					T	.57	.16	T.			.45	.07					T.		T.	.39	.01	.65			T.			2.30
Dutton	White		T.	T				T.	1.99	.54	.06	.04		T.		2.02								.15	T.		1.27			T			6.07
El Dorado	Ouachita	.08			1.28							.01				1.15	T.				T.	T.		T.	.30		.47			.04			3.38
England	Arkansas									2.84	.72	.48				.45								.99	.16	.06	1.20						6.90
Eureka Springs	White						.12		1.01	1.03		.40				2.19								.11			.10						4.96
Fayetteville	White						.02	T.	.98	.02	.72	T.			.08	1.85								.01			.63						4.31
Fort Smith ***	Arkansas							T.	.01	.66	.03	T.			.43	.37								T.		.95			.01	.01			2.47
Freeman Sprgs.	Arkansas	.13			.13		.14				2.12		.35			.61	.29								.75	.28	1.02			.06			5.88
Fulton	Red										2.12					1.32	.02				T.			.02	.43	T.	.60		T.				4.51
Georgetown	White										1.30		.04	.40		.28	.44								.51	.18	1.28						4.43
Gilbert	White						.50		.90	.48	1.06			T.		.53	.20								.69	.04	.45			.04			4.89
Grannis	Red																																...
Gravette	Arkansas						.04		3.00	.19	T.	.76	.01			2.75								T.			.10						6.85
Harrison	White						T.	T.	5.00	1.90		T.			1.95	2.55								.40									11.80
Helena	Mississippi	.04									.10	.58		1.60		.17	.02								.14	.06	.46						3.17
Higden	White		.22	.38					.23		T.	T				.54								.20	1.72		1.02						4.31
Highland	Ouachita			.10						.10	.20					1.00								.03	.20								1.63
Hope	Red			.12						.15	.44					1.18								.16	.18		.49						2.72
Hot Springs	Ouachita						.26	.07								1.62									T.	.42							2.37
Index	Red										1.11					1.38								.02	.02		.85						3.38
Jessieville	Ouachita								.24	1.06	.20	1.77			.92	.06								.73	.25		.37						5.60
Jonesboro	White	.26							T.	.17		.01	.05	.49	T.	T.	T.								.93	.39	.32						2.62
Junction	Ouachita																																...
Lead Hill	White					T.	T.	.26	.85	1.21	T.				T.	3.53								.33	.03		.15						6.36
Little Rock ***	Arkansas								.02	.27	.02	.25				.77								.48	.37	.39	.29		T.				2.86
Lurton	White						.08		.03	.32	.01	2.05		T.		1.40	.02							1.01	.04		.98			.05			5.99
Lutherville	Arkansas									.50		.93				.87								1.02	.25		1.54			.12			5.23
Magnolia	Red			.38							.75					1.35								.34	.17		.71			.10			3.80
Malvern	Ouachita	.18									.40	.07	.02			1.30									.65	.05	1.00						3.67
Mammoth Spg.	White	.40						.10	.20	T.	1.03	.80	T.	1.10		1.70	.60								.45	.10	.25						6.73
Marianna	Mississippi								.09	1.63	.08	.02	.62			.08								.07	.04								2.63
Marked Tree	Mississippi								.05		.38	.54		.32			.12								.17		.31						1.92
Marshall	White						.07	.11	.73	.70	.10	.07	.02			.94								.23	.46		1.03			.16			4.62
Mena	Ouachita	1.55			T.						.57	.44				.57								.08	.25		.59						4.05
Morrilton	Arkansas							T.		.30		.22				.52	.38							.84		T.	.72						2.98
Mountain Home	White						.05	.35	.77	2.20			.15			2.32								.25	.22		.32						6.63
Mount Ida	Ouachita								.08		.22	.13				.44								.44	.25		.62						2.18
Newport	White	.15							.23		.14		.11	.82			.91								.37	.18	.65						3.56
Norman	Ouachita			.51					T.	.10	.10					1.00									.70		.70						3.11
Oden	Ouachita								.50		1.52				.43										.63	.50							3.58
Okay	Red		.26		.10					.37	.15				1.52									.30	.05		.86						3.61
Osceola	Mississippi										.87	.14	1.20	.50		T.									T.	.15	.19						3.05
Ozark	Arkansas	.28							.76		.84	T	.05			.12	.25								.05		1.60						3.95
Paragould	Mississippi							.21	T.	.50	T.	T	.27		.50	T								T.	.12	.57	.15			T.			2.32
Patterson	White										1.15			.43		.06	.42								.43	1.06	1.02						4.57
Piggott	Mississippi									.26	.23		.34			1.11	.58							.26	.95		.05						3.78
Pine Bluff	Arkansas									1.17	2.00	.04	.30			.70	.15							T	1.75		.65						6.76
Pocahontas	White						.03		.03	1.12			.32			.80	1.40								.38		.23						4.31
Portland	Ouachita										1.00	.17	.19			.61	.10					.45			.08	.13				.04			2.77
Prescott	Ouachita									.64		.33				.84	.11						T		.19		.43						2.54
Princeton	Ouachita	.71									2.60	.15				1.49	.25								.54	.10							5.84
Rison	Ouachita				.11					.30	.46	.25	.40			.80	.22								.71		.40						3.65
Rogers	White						.08		1.17	.70	.10	1.06			.54	.62										.22	.20						4.69
St. Charles	White									.15			.35			.23								.31	.17								1.21
St. Francis	St. Francis			.10							2.24		.04	.36		1.04	.24								.44	.46	T						4.92
Searcy	White	T.									.85	T.	.12	.74		.22	.35								.51	.54	1.46						4.79
Springbank	Red	T.									T.	.05				1.42								T.	.10		1.54		.05	.20			3.36
Story	Ouachita			.32					.02		.48	.30			.46	.13									1.37	.38							3.46
Stuttgart	Arkansas									.69		.03	.21		.35	.14								.65		.85							2.92
Subiaco	Arkansas		T.							1.95		1.68				1.00								.66	.08		1.28						6.65
Texarkana	Red										.80					1.55								T.			1.20				.10		3.65
Thornburg	Arkansas								T	.93	.06	.65				.82								1.50	1.38	.03	.55						5.92
Waldron	Arkansas								.04	.51	.22	.44				.64								.12			.47						2.44
Warren	Ouachita	.10			T.			T.		T.	.70	.65	.91			.65	.13					.40		.05	.15	T.	.20	T.	T.	T.			3.94
Waters	Ouachita			.22						.21	.98					.49								.53			.68						3.11
Whitecliffs	Red				.41						.28	T.	T.			1.40	T.							.04	T.	T.	.92			T.			3.05
Wilson	Mississippi								.31	.60	.13	.33		.31		.28	.05								.03	.09	.20						2.33
Winslow	Arkansas		.13						.41	.25	.66	.35		.05	.49	1.03								.05	.02	.02	1.45			.09			5.00
Wynne	Mississippi								.15	T.	.20	1.80	.20	1.50	.25		.15								.20	T	.40						4.85
Yancopin	Arkansas	.07			T.					.11	.82	.01	.02	1.07		.40					.04				.23		.46			.03			3.26

Daily River Stages for September, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.0	3.9	3.5	3.3	3.1	3.0	2.8	2.8	2.6	2.8	2.6	4.7	8.2	8.7	8.4	7.7	7.8	10.7	11.1	9.7	7.6	6.4	6.8	6.0	5.8	5.4	5.3	5.3	4.8	4.3	
Ozark	do	22	0.3	0.5	0.4	0.1	0.0	-0.1	-0.2	-0.3	-0.4	-0.5	-0.5	-0.5	1.1	5.0	5.4	4.9	4.4	5.1	8.0	7.3	4.3	4.0	3.0	2.9	2.4	2.0	1.5	1.8	1.8	1.3	
Dardanelle	do	20	4.3	4.1	4.2	4.1	3.8	3.7	3.5	3.4	3.3	3.9	3.4	3.9	3.4	4.7	7.5	7.5	7.2	6.8	8.2	9.7	8.6	7.4	6.5	6.1	5.8	6.2	5.7	5.3	5.3	5.1	
Morrilton	do	20	0.9	0.7	0.6	-0.3	-0.5	-0.6	-0.7	-0.8	-0.9	-0.9	-0.4	-0.2	-0.5	-0.6	2.5	4.0	4.0	3.8	3.9	6.5	6.4	5.0	3.5	2.9	2.5	2.4	2.5	2.3	2.0	1.5	
Little Rock	do	23	-0.8	-0.2	-0.1	-0.3	-0.3	-0.4	-0.6	-0.8	-0.9	-0.9	-0.9	-0.7	-0.5	-0.2	-0.6	1.6	3.9	3.8	3.4	3.6	6.5	6.1	4.6	3.5	2.6	2.1	2.0	2.5	1.6	1.2	
Pine Bluff	do	25	4.2	4.3	4.6	4.7	4.5	4.4	4.3	4.3	4.1	4.4	4.3	4.4	4.5	4.7	4.8	4.8	7.5	9.4	9.7	9.4	9.7	11.3	10.8	9.9	9.3	8.7	8.1	7.5	8.3	7.7	
Yancopin	do	29	5.1	5.2	5.2	5.3	5.8	6.0	6.2	6.2	6.1	5.9	5.7	5.6	5.5	5.4	5.4	5.7	6.0	6.3	10.8	11.7	11.5	12.0	14.5	14.3	12.9	11.8	10.8	9.9	9.5	9.9	
Danville	Petit Jean	20	3.4	4.2	2.8	1.9	1.4	1.3	1.1	1.1	0.9	9.1	8.9	4.5	2.4	1.8	2.0	1.7	1.3	1.3	1.2	1.2	1.1	0.9	0.9	1.1	1.2	2.4	3.1	3.6	2.7	2.3	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	1.8	1.8	1.8	1.7	1.7	1.7	1.7	2.0	4.5	6.8	6.0	5.8	4.5	4.3	4.8	5.1	8.3	6.6	6.1	5.1	4.6	4.1	4.0	3.8	3.8	3.6	3.5	3.3	3.1	3.0	
Calico Rock	do	18	-0.3	-0.3	-0.3	-0.3	-0.4	-0.5	-0.3	0.3	0.7	2.8	3.4	4.7	3.4	3.0	2.9	4.2	6.1	5.5	4.8	3.8	3.0	2.7	2.4	2.0	1.4	1.4	1.1	1.0	0.9	0.5	
Batesville	do	23	4.3	4.3	4.3	4.1	4.2	4.2	4.1	4.1	4.7	8.7	8.1	8.8	10.0	8.5	8.1	8.6	9.3	12.1	10.6	10.0	8.7	7.9	7.7	7.5	7.0	6.7	6.0	5.8	5.6	5.4	
Newport	do	26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	1.1	4.0	4.4	5.3	4.5	4.5	4.0	4.7	6.8	7.4	6.7	5.9	4.9	4.0	3.5	3.2	3.0	2.9	2.4	2.1	1.9	
Georgetown	do	22	0.7	0.6	0.6	0.6	0.6	0.7	0.8	0.8	0.6	0.6	0.6	2.0	4.0	5.0	5.9	5.9	5.5	5.4	6.4	7.8	8.1	7.8	7.1	6.3	5.6	5.1	4.8	4.2	3.7	3.4	
De Valls Bluff	do	24	4.2	4.1	4.0	4.0	4.0	4.2	4.2	4.2	4.1	4.2	4.1	4.2	5.6	7.3	8.6	9.5	9.6	9.4	9.5	10.4	11.4	11.8	11.7	11.2	10.5	9.9	9.4	8.9	8.4	8.0	
Clarendon	do	30	7.0	7.0	6.9	6.9	6.9	6.9	7.0	7.0	6.9	6.9	7.0	7.0	7.4	8.5	9.8	10.9	11.4	11.5	11.5	11.9	12.7	13.4	13.7	13.6	13.1	12.6	12.0	11.6	11.2	10.8	
Gilbert	Buffalo	30	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.6	3.3	3.2	4.6	3.8	3.4	3.5	3.4	3.4	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	
Black Rock	Black	14	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.2	1.2	1.6	2.0	2.3	2.5	2.5	3.5	3.2	3.2	3.0	2.8	2.8	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	
Camden	Ouachita	30	4.1	4.2	4.2	4.3	4.4	4.4	4.4	4.2	4.1	4.2	4.3	4.3	4.4	4.5	4.6	4.4	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	
Fulton	Red	28	5.1	5.0	4.9	4.8	5.3	6.3	5.1	5.0	4.9	5.1	5.0	4.9	4.9	4.9	5.1	5.2	5.3	5.3	5.3	5.2	5.4	5.9	6.0	5.9	5.7	5.8	5.8	5.7	5.6	5.6	
Helena	Mississippi	44	2.3	2.3	2.2	2.1	2.0	2.0	2.0	2.2	2.1	2.0	2.0	2.5	2.8	2.7	2.7	3.1	3.4	3.5	3.6	4.1	4.5	4.6	4.4	4.2	4.2	4.5	4.5	4.3	3.9	3.4	
Arkansas City	do	48	2.8	3.0	3.3	2.9	2.8	2.7	2.7	2.7	2.7	2.8	2.9	2.9	...	3.0	3.4	3.4	3.5	4.0	4.4	4.7	5.1	6.2	6.9	7.6	8.2	8.8	8.1	7.1	6.7	6.3	

Daily Temperatures for September, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	94	99	100	90	97	98	100	100	93	86	93	97	99	94	73	83	87	90	90	89	92	90	81	83	85	69	71	74	80	86		88.9
	Minimum	68	69	70	70	61	62	67	71	71	70	67	68	69	74	62	53	53	59	57	58	64	65	66	70	70	58	45	46	55	55		63.1
Bentonville	Maximum	97	95	90	90	89	93	96	74	75	85	87	96	95	86	67	83	85	86	86	78	87	88	80	85	86	66	72	76	75	79		84.2
	Minimum	69	72	67	64	65	66	71	65	66	66	65	69	75	59	55	51	57	61	57	57	62	66	69	70	63	47	44	46	49	45		61.4
Bee Branch	Maximum	92	105	93	88	89	94	97	84	86	79	87	97	98	94	89	84	84	85	85	88	89	89	85	80	83	80	72	77	76	82		87.6
	Minimum	70	66	71	68	57	66	68	70	70	67	68	68	67	73	63	62	59	56	54	61	61	62	72	69	72	56	43	47	58	53		63.2
Blytheville	Maximum	92	97	89	87	91	91	92	87	84	83	88	89	92	93	87	82	85	84	87	86	89	87	85	84	86	73	77	81	84	81		86.6
	Minimum	71	71	70	60	57	65	71	72	74	76	73	71	69	76	72	60	66	61	55	63	62	68	73	75	71	68	48	52	62	55		65.2
Booneville	Maximum	96	99	91	91	91	98	99	92	90	87	94	102	102	95	91	82	91	89	89	91	94	92	83	86	90	85	76	79	81	81		[illegible]
	Minimum	74	69	71	71	65	67	74	72	69	67	70	71	71	79	63	51	58	62	59	59	62	64	74	73	75	52	43	47	55	49		61.5
Brinkley	Maximum	97	100	98	93	96	98	102	96	97	86	88	96	97	96	91	84	85	86	85	88	91	91	81	87	88	84	77	79	82	86		90.2
	Minimum	69	65	69	64	51	63	70	70	70	69	71	67	69	76	64	60	58	58	53	67	62	66	72	70	68	63	43	50	56	51		63.5
Calico Rock§§	Maximum	93	98	91	89	93	92	100	76	75	83	87	94	96	92	71	83	83	85	87	86	90	90	77	82	85	70	76	80	81	84		85.6
	Minimum	67	67	67	58	55	61	65	69	70	68	68	68	65	66	65	53	54	58	54	56	58	62	62	61	71	54	45	45	52	49		60.5
Camden§§	Maximum	92	95	95	91	94	95	96	97	98	84	92	95	96	93	77	81	84	85	85	87	89	87	85	85	87	73	76	79	81	86		88.0
	Minimum	67	68	69	69	62	64	70	70	71	71	68	69	70	73	63	54	56	59	58	60	63	67	68	70	69	61	46	48	58	52		63.8
Center Point	Maximum	92	101	99	91	95	97	99	101	96	87	99	101	102	95	90	88	87	91	91	90	91	91	87	85	86	84	78	78	83	85		91.3
	Minimum	71	73	74	71	67	71	74	74	72	70	71	71	74	75	63	54	62	65	62	67	67	67	73	70	73	56	50	57	60	61		67.2
Conway	Maximum	98	102	95	92	94	101	105	88	95	85	90	102	103	97	78	85	85	88	89	89	92	92	87	84	88	83	75	80	78	85		90.2
	Minimum	70	65	70	66	55	65	69	70	69	69	69	70	70	73	63	53	59	58	55	64	61	61	73	70	73	58	46	52	62	55		63.9
Corning	Maximum	95	97	94	92	92	91	95	86	78	86	92	92	90	96	86	82	84	85	88	87	90	91	83	79	85	80	73	82	85	86		87.1
	Minimum	67	67	67	53	51	63	69	66	67	67	67	64	63	71	69	55	57	54	50	55	54	63	67	67	69	55	41	46	53	48		60.2
Dardanelle	Maximum	93	97	92	92	91	98	99	91	93	93	89	102	100	94	87	87	84	88	89	90	92	90	85	85	88	81	75	78	81	86		89.7
	Minimum	71	69	70	69	61	65	71	71	69	68	68	71	70	73	63	52	59	60	56	61	65	67	73	71	73	55	45	49	61	51		61.2
Dumas	Maximum	95	98	97	92	96	100	98	95	97	85	93	96	100	98	85	79	85	81	88	88	89	88	91	88	87	80	78	79	85	85		88.9
	Minimum	69	67	68	70	68	64	72	73	70	72	72	69	70	73	65	59	57	62	58	70	63	67	73	70	69	65	45	50	58	54		65.1
Dutton	Maximum	91	95	91	88	89	91	95	82	78	82	82	90	92	87	79	79	81	82	84	86	85	85	73	79	80	77	77	74	77	81		85.7
	Minimum	65	61	58	56	53	63	63	63	62	60	62	62	66	67	55	42	48	51	58	48	52	57	66	66	68	43	35	37	47	40		55.6
El Dorado	Maximum	94	98	98	92	94	97	96	96	96	92	96	99	97	94	92	81	82	87	86	88	88	86	83	85	88	84	72	78	81	85		89.5
	Minimum	72	70	72	70	68	83	73	75	73	71	71	73	74	76	64	59	60	65	62	71	66	70	72	71	70	61	51	50	61	58		67.8
Eureka Springs	Maximum	98	99	92	96	86	92	94	74	76	82	85	91	91	85	74	82	85	95	85	81	86	87	77	83	85	77	72	77	71	82		84.7
	Minimum	70	73	67	64	67	65	73	65	65	55	65	70	76	73	59	53	58	59	70	58	63	68	65	69	70	47	49	49	50	51		62.9
Fayetteville	Maximum	96	97	92	93	89	95	97	94	75	83	88	95	94	89	75	83	86	86	86	84	84	87	81	85	85	78	73	77	[illegible]	82		86.2
	Minimum	69	69	67	64	68	69	75	66	65	64	64	70	76	67	59	50	56	61	57	55	62	67	72	70	71	46	43	46	51	47		62.1
Fort Smith	Maximum	99	99	94	91	94	99	100	86	84	85	94	100	98	95	74	85	90	88	89	91	93	90	82	88	90	70	71	75	78	82		88.6
	Minimum	72	74	74	73	69	71	75	75	70	68	71	73	74	62	63	56	62	66	63	61	66	68	74	72	61	52	48	51	57	57		66.2
Gravette	Maximum	97	95	90	92	90	94	96	87	77	84	88	95	94	85	78	84	86	85	84	82	86	86	83	85	84	81	71	73	71	79		87.6
	Minimum	70	70	66	65	67	66	72	63	67	65	67	70	74	75	58	49	57	61	58	57	60	66	69	69	70	44	40	45	48	43		61.7
Helena	Maximum	94	100	94	95	95	100	99	96	97	85	91	98	95	95	85	81	88	85	85	87	90	88	90	84	96	80	78	76	81	84		89.6
	Minimum	69	68	70	70	62	67	73	75	69	70	71	67	68	75	64	59	58	65	58	68	63	69	71	71	69	59	46	40	[illegible]	58		65.2
Hope	Maximum	99	103	102	97	100	103	103	106	103	90	96	101	102	100	83	84	93	90	95	92	93	98	89	92	91	70	81	81	87	91		91.5
	Minimum	71	69	69	71	63	67	72	73	71	71	71	70	73	75	63	53	57	61	57	66	63	65	70	70	70	60	46	55	53	53		61.9
Hot Springs	Maximum	92	91	93	90	97	94	89	88	88	82	84	85	86	89	85	82	85	83	83	83	85	84	82	82	89	79	76	80	82	80		87.3
	Minimum	69	70	68	75	63	70	68	70	65	61	64	69	66	58	56	56	58	55	55	54	57	58	58	69	58	48	45	62	[illegible]	69		61.6
Jonesboro	Maximum	95	99	89	89	94	94	98	87	84	81	91	94	95	95	89	83	85	86	90	90	93	93	83	82	82	81	77	80	83	85		88.2
	Minimum	72	70	72	67	62	70	75	73	72	72	71	67	71	77	69	69	65	61	55	63	61	66	73	73	71	64	48	51	61	55		65.2
Lead Hill	Maximum	98	98	91	92	84	93	96	73	79	84	88	94	97	91	77	85	84	85	86	82	90	90	77	85	86	78	77	78	73	82		86.0
	Minimum	64	67	67	56	58	67	65	66	67	66	65	65	61	68	57	48	55	54	52	54	56	59	62	70	70	59	40	45	51	43		61.1
Little Rock	Maximum	92	96	91	88	94	96	97	90	90	82	84	95	97	92	79	80	82	85	81	88	88	86	79	84	85	70	75	72	78	82		86.0
	Minimum	72	74	74	71	64	72	74	73	69	70	70	71	73	75	61	55	65	66	61	68	67	70	71	69	63	59	51	57	63	58		67.0
Lutherville	Maximum	90	96	86	89	89	93	96	82	84	81	89	97	95	93	84	84	86	87	88	90	90	89	80	86	85	74	72	79	81	83		86.6
	Minimum	70	69	70	68	63	68	80	70	68	66	69	69	68	74	62	52	60	59	59	61	63	65	70	69	72	51	41	48	57	54		63.9
Magnolia	Maximum	96	94	94	88	94	96	96	98	96	87	92	96	96	96	93	80	81	85	84	86	92	90	85	87	88	81	72	77	80	87		88.9
	Minimum	70	70	70	70	68	67	73	73	72	72	71	72	73	72	67	55	59	65	61	70	62	61	73	71	71	61	51	51	69	57		66.4
Malvern	Maximum	94	100	100	94	99	99	100	101	99	86	88	97	98	93	87	86	87	90	89	93	91	89	83	76	86	81	77	79	82	87		90.7
	Minimum	72	68	69	72	58	65	69	69	71	71	68	67	70	72	63	52	53	59	55	66	63	63	74	70	73	59	45	53	63	51		64.2
Mammoth Springs	Maximum	88	93	87	85	84	86	84	80	77	79	83	86	90	89	84	80	80	80	81	80	85	85	80	78	80	75	73	77	77	71		82.2
	Minimum	70	69	71	59	57	66	66	69	70	70	68	67	65	71	59	56	60	56	54	56	58	62	68	70	71	57	42	49	77	51		62.2
Marianna	Maximum	90	94	91	88	94	94	95	95	91	81	85	93	92	91	91	79	83	82	82	86	85	85	83	83	85	80	72	78	78	82		86.2
	Minimum	70	68	70	67	57	57	73	73	70	70	73	69	69	68	66	65	60	63	57	68	65	63	73	73	70	61	47	52	52	54		64.7
Marshall	Maximum	87	95	87	83	91	92	94	79	78	79	82	93	87	86	90	85	72	81	84	84	86	85	80	77	79	72	72	76	74	72		83.0
	Minimum	72	66	65	60	60	67	70	66	60	64	61	69	72	76	57	47	55	52	52	54	57	65	70	68	72	56	40	57	55	46		60.5
Mena	Maximum	93	94	93	88	93	96	97	97	93	86	92	97	97	91	86	93	87	86	87	87	90	92	79	83	86	81	72	73	80	81		88.6
	Minimum	72	69	68	66	65	69	71	73	70	68	66	63	73	73	61	51	59	60	55	59	63	65	71	70	72	51	[illegible]	51	53	50		[illegible]
Mount Ida	Maximum	92	96	96	89	94	95	96	94	93	86	89	98	99	93	84	86	86	88	87	90	91	90	86	85	85	80	[illegible]	80	[illegible]	85		88.9
	Minimum	70	63	64	64	56	60	65	66	66	66	66	64	72	74	61	46	52	55	48	55	56	58	69	68	70	53	[illegible]	58	[illegible]	46		60.6
Newport	Maximum	94	98	91	92	93	98	98	83	89	83	89	95	97	94	80	85	82	89	90	92	90	91	83	81	87	80	76	81	81	86		88.4
	Minimum	71	70	71	63	57	68	70	71	72	72	71	69	68	75	66	58	50	59	59	62	61	66	72	70	71	60	45	50	60	54		64.1
Pine Bluff	Maximum	95	98	95	92	97	99	98	96	93	80	87	97	98	94	85	80	83	88	87	87	90	90	81	85	86	81	77	79	79	85		88.7
	Minimum	72	71	73	72	62	68	73	74	72	72	71	70	73	75	69	60	61	63	60	71	65	68	74	72	70	61	56	55	60	58		67.1
Pocahontas	Maximum	90	97	90	90	89	90	90	85	82	81	90	92	89	93	87	83	84	87	88	89	88	89	81	79	84	81	77	82	79	86		86.8
	Minimum	70	67	71	61	51	65	65	70	70	69	69	67	66	71	65	56	60	57	54	58	57	64	68	69	70	56	42	48	62	53		62.2
Portland	Maximum	95	97	96	92	98	95	96	95	91	87	89	95	96	91	87	87	80	85	82	86	85	83	85	87	84	81	73	73	84	82		88.0
	Minimum	68	65	67	72	60	66	70	71	70	71	72	69	70	72	67	59	59	65	63	71	63	68	73	70	67	66	49	49	57	56		65.6
Prescott	Maximum	101	98	96	97	97	96	99	99	98	96	96	97	99	98	92	93	93	91	92	93	92	90	87	86	87	84	85	86	78	87		92.6
	Minimum	72	73	70	72	71	68	70	72	74	70	71	69	72	71	62	57	54	59	60	63	59	58	63	62	60	58	47	46	60	53		63.6
Rison	Maximum	95	100	99	94	98	100	100	99	97	82	92	97	96	94	86	81	86	89	87	89	89	89	90	87	87	81	77	80	84	86		90.2
	Minimum	70	69	70	71	63	65	72	72	70	71	69	69	71	73	63	55	60	61	58	68	64	68	69	70	69	61	47	52	51	51		65.1
Searcy	Maximum	90	95	89	86	90	94	98	85	90	81	86	95	95	92	84	81	89	85	86	88	89	83	81	82	85	78	73	79	80	81		86.5
	Minimum	68	67	71	65	56	65	69	71	72	70	68	69	65	71	64	58	59	64	53	62	62	61	71	70	70	60	46	51	60	57		61.1
Stuttgart	Maximum	96	100	94	92	98	101	100	94	94	87	88	97	97	96	90	82	85	88	89	90	92	92	87	88	88	81	76	81	79	85		[illegible]
	Minimum	70	71	67	57	65	72	71	70	71	72	67	70	75	64	79	59	59	56	68	61	68	74	70	68	64	46	52	58	53	54		[illegible]
Texarkana	Maximum	93	96	96	92	95	97	99	100	96	88	97	100	98	95	87	85	84	87	87	87	91	89	86	87	90	79	77	78	81	85		[illegible]
	Minimum	69	68	67	67	63	66	70	71	72	69	68	70	71	71	59	51	56	56	60	60	63	64	70	68	70	60	45	53	55	56		[illegible]
Thornburg	Maximum	92	95	91	90	94	96	96	90	92	83	87	96	96	92	..	..	..	..	88	88	92	93	84	85	84	85	73	82	78	84		89.6
	Minimum	65	62	64	63	51	61	67	66	67	66	63	65	66	77	..	..	..	..	47	66	58	59	71	69	71	55	37	45	51	36		61.8
Warren	Maximum	90	92	93	89	94	92	92	89	89	83	85	92	92	91	87	75	78	82	81	79	83	82	78	79	84	83	69	75	76	81		[illegible]
	Minimum	70	70	70	72	63	67	72	76	71	70	68	69	73	71	64	57	69	63	61	70	63	70	73	71	68	62	63	52	59	56		60.9
Wilson	Maximum	94	98	90	87	92	95	95	86	86	85	88	92	98	95	90	80	84	84	85	87	89	90	87	85	88	78	78	82	82	86		87.9
	Minimum	70	67	69	59	52	61	71	70	71	71	71	68	67	71	66	59	58	57	51	61	61	68	72	73	69	62	43	50	60	49		[illegible]
Wynne	Maximum	95	98	93	88	92	99	98	85	91	85	86	..	..	..	95	85	80	83	84	86	85	89	82	84	86	80	74	79	80	85		86.9
	Minimum	70	70	72	68	53	65	..	..	..	..	..	..	..	..	65	65	58	58	56	57	65	68	74	73	69	64	44	52	53	50		62.2

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§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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... 1930
UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., OCTOBER, 1930 No. 10

GENERAL SUMMARY

Temperatures for the month of October were above normal from the 8th to the 16th, near normal for the first seven days, and considerably below the latter half of the month. Maxima ranging from 82° to 92° occurred at most stations on either the 9th or 10th and the minimum almost invariably on the 31st. The mean temperature of 60.1° is the lowest mean since 1925 and the minimum of 17° at Dutton the lowest minimum since that date when 13° was recorded on the 31st.

Although the rainfall averaged 1.92 inches above normal, the number of rainy days was only one above. Precipitation was general over the State from the 6th to the 8th with nearly all stations reporting excessive rain, and again from the 21st to the 24th and on the 27th and 28th with about 50% of the stations reporting light amounts on the 16th and 17th. Monthly totals ranged from 1.49 inches at Marianna to 8.45 inches at Highland. Negative departures occurred mostly in the Crowley's Ridge area and the largest totals on the watershed of the upper Ouachita River and along the eastern slope of the Ozarks.

The heavy rains of the 6th and 7th and the frequent showers from the 21st to the 28th delayed the picking of cotton but at the close of the month very little remained in the fields except in the lowlands. Corn, where matured, was gathered and rice harvested and being threshed. Staple crops were damaged little by frost, but fall truck which was planted after the end of the drought was damaged in all sections, especially in the northeastern part of the State. Light frost occurred in the northern part of the State on the 18th, heavy to killing frost in much of the same area on the 24th and 25th, and killing frost with freezing temperature on the 31st in nearly all sections except at a few stations in central and southern parts of the State.

The mean temperature for the State, as determined by the records of 61 stations, was 60.1°, which is a departure of 2.1° below normal, all stations except three for which normals have been computed showing negative departures. Monthly means ranged from 53.4° at Dutton to 64.2° at El Dorado, a difference of 10.8° between the Ozarks and the southern part of the State. The highest temperature recorded was 92° at both Highland and Hope on the 10th, the lowest 17° at Dutton on the 31st. The greatest daily range was 44° at Corning on the 3d.

The average rainfall, based on the reports of 91 stations, was 4.89 inches, which is 1.92 inches above normal. Of the 66 stations with records of 10 years or more, 10 reported negative departures and 56 positive. The greatest amount measured in any 24-hour period was 7.03 inches at Jessieville on the 7th. The average number of days with 0.01 inch or more precipitation was 6.

T.A.M.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:-5th, 1; 6th, 2; 7th, 3; 8th, 1; 15th, 4; 16th, 19; 17th, 3; 22d, 4; 23d, 7; 27th, 1.
SOLAR HALOS:-----3d, 3; 4th, 2; 8th, 1; 13th, 1; 22d, 1; 26th, 1.
LUNAR HALOS:----2d, 1; 3d, 1; 4th, 1; 5th, 1; 8th, 1; 10th, 1.
DENSE FOGS:------1st, 2; 2d, 3; 3d, 3; 4th, 1; 7th, 1; 8th, 9; 9th, 7; 10th, 4; 11th, 3; 12th, 1; 13th, 4; 14th, 2; 15th, 7; 17th, 1; 24th, 6; 25th, 8; 26th, 2; 27th, 2; 28th, 6; 29th, 1; 31st, 1.
LIGHT HAIL:------Arkadelphia, 16th.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	30.07	30.59	31	29.61	7	2,705	16	s.	26	......	......	73
Fort Smith	30.08	30.62	31	29.64	7	4,976	20	e.	6	84	55	57
Little Rock	30.10	30.63	31	29.64	7	4,925	24	n.	28	78	58	64
Memphis	30.10	30.61	31	29.74	7	4,228	24	w.	30	75	56	62

COMPARATIVE DATA FOR OCTOBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	62.2		101		12		2.97		18	6	7	5
1891	60.4	−1.8	92	1	27	23	0.65	−2.32	25	4	2	2
1892	63.8	+1.6	92	3	27	26	3.26	+0.29	16	7	8	6
1893	60.5	−1.7	99	1	28	29	1.30	−1.67	24	4	3	3
1894	63.0	+0.8	96	23	24	21	1.52	−1.45	22	5	4	3
1895	57.1	−5.1	95	9	21	29	1.44	−1.53	19	6	6	4
1896	60.8	−1.4	98	4	25	18	3.59	+0.62	18	5	8	6
1897	67.6	+5.4	99	3	28	30	2.01	−0.96	21	6	4	3
1898	60.0	−2.2	100	4	23	26	5.44	+2.47	16	7	8	8
1899	65.6	+3.4	101	13	28	31	2.88	−0.09	19	7	5	5
1900	66.0	+3.8	97	6	32	10	4.31	+1.34	14	10	7	6
1901	63.7	+1.5	95	1	27	14	2.07	−0.90	18	9	4	4
1902	62.5	+0.3	90	9	27	28	2.68	−0.29	18	9	4	4
1903	60.9	−1.3	97	2	26	24	2.22	−0.75	17	8	6	4
1904	62.5	+0.3	100	5	20	20	0.94	−2.03	23	5	3	2
1905	61.1	−1.1	92	7	23	21	4.49	+1.52	15	11	5	7
1906	58.2	−4.0	94	22	25	31	2.38	−0.59	18	5	8	6
1907	61.9	−0.3	96	2	23	13	3.03	+0.06	16	7	8	6
1908	59.2	−3.0	93	14	24	28	0.48	−2.49	21	6	4	2
1909	63.0	+0.8	98	5	24	12	2.15	−0.82	21	6	4	3
1910	62.9	+0.7	96	1	16	29	5.19	+2.22	21	5	5	6
1911	62.7	+0.5	101	12	25	22	1.67	−1.30	14	9	8	5
1912	63.8	+1.6	96	7	22	23	2.97	0.00	18	8	5	4
1913	60.1	−2.1	95	6	18	30	5.41	+2.44	13	9	9	9
1914	63.0	+0.8	93	6	21	28	1.74	−1.23	13	8	10	5
1915	63.4	+1.2	94	16	26	9	2.83	−0.14	22	4	5	4
1916	62.8	+0.6	96	7	21	21	2.30	−0.67	21	4	6	4
1917	56.6	−5.6	99	4	12	30	1.89	−1.08	21	5	6	5
1918	65.6	+3.4	100	5	30	31	3.99	+1.02	13	5	13	8
1919	66.6	+4.4	98	2	33	19	0.90	+7.93	6	5	20	14
1920	64.2	+2.0	93	18	25	28	4.39	+1.42	16	6	9	7
1921	61.6	−0.6	96	19	27	8	0.72	−2.25	23	4	4	3
1922	63.1	+0.9	98	4	20	18	1.47	−1.50	18	6	7	4
1923	59.2	−3.0	94	1	20	23	3.53	+0.56	12	9	10	7
1924	64.9	+2.7	96	12	21	25	0.29	−2.68	24	4	3	1
1925	58.7	−3.5	98	1	13	31	7.73	+4.76	12	5	14	10
1926	64.9	+2.7	99	2	23	25	5.77	+2.80	15	5	11	8
1927	66.0	+3.8	100	26	30	13	3.13	+0.16	22	4	6	5
1928	66.3	+4.1	100	9	27	23	4.74	+1.77	16	7	8	8
1929	62.2	0.0	93	17	19	25	4.29	+1.32	15	7	9	7
1930	60.1	−2.1	92	9-10	17	31	4.89	+1.92	17	5	9	6

Corrections: September, 1930.

Arkansas City total rainfall should be 3.79; departure +0.87.

Climatological Data for October, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	60.6	-2.2	88	9	29	31	38	5.66	+2.68	4.16	0.0	4	11	16	4	n.	J. W. Campbell
Arkadelphia	Clark	250	34	....	....	.....	.....	....	...	.....	8.39	+5.56	4.[illegible]0	0.0	7	16	5	10	n.	W. K. Bown
Arkansas City	Desha	145	46	..	.....	.....	.....	...	.....	.....	3.74	+1.54	1.49	0.0	6	17	5	9	......	J. H. Catham
Arlberg	Stone	700	8	....	....	.....	....	....	.....	....	8.05	..	5.20	0.0	5	16[a]	13[a]	1[a]	ne.	J. D. Reeves
Batesville	Independence	277	31	56.3	-4.9	88	11	23	31	39	6.08	+3.22	1.74	0.0	8	21	1	9	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	58.6	-4.0	83	9	26	31	32	7.42	+4.60	5.33	0.0	5	15	6	10	s.	J. E. Scanlan
Bentonville	Benton	1303	25	56.6	-1.4	85	9	23	31	31	4.38	+1.57	2.83	0.0	6	22	2	7	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	......	....	......	.....	.	......	......	5.93	+3.36	2.12	0.0	7	22	0	9	......	Vernon C. Howe
Blytheville	Mississippi	252	5	61.6	......	87	4	31	31	38	2.55	......	1.04	0.0	8	18	5	8	s.	Francis Carpenter
Booneville	Logan	465	16	61.2	-2.1	89	9†	27	31	38	3.11	+0.25	2.85	0.0	4	18	3	10	e.	F. H. Randolph
Brinkley	Monroe	205	43	60.2	-1.9	86	9	27	31	39	3.95	+1.03	1.70	0.0	5	17	4	10	ne.	R J. Torry
Calico Rock	Izard	361	26	57.4	-2.8	86	9	22	31	37	7.34	+4.83	2.83	0.0	8	15	9	7	se.	W.J. Copp
Camden	Ouachita	158	45	61.1	-2.6	87	10	28	31	40	5.48	+2.67	3.32	0.0	7	16	6	9	ne.	A. B. Quarterman
Center Point	Howard	470	33	63.6	0.0	86	9	33	31	25	5.90	+3.04	2.65	0.0	7	17	5	9	e.	John C. Floyd
Clarendon	Monroe	200	26	...	.....	.....	.....	.....	.....	.....	4.08	+1.04	1.75	0.0	6	17	0	14	n.	J. W. Bishop
Clinton	Van Buren	516	9	.....	.....	.....	.....	.....	.....	.....	8.00	......	5.40	0.0	6	17[a]	7[a]	6[a]	sw.	A. L. Stephens
Conway	Faulkner	309	47	60.6	-2.5	86	9	29	31	33	2.88	+0.23	1.66	0.0	5	22	3	6	e.	E E Cordrey
Corning	Clay	293	37	57.2	-1.8	86	4	23	31	44	4.31	+1.04	1.90	0.0	6	22	0	9	se.	Winfred D. Polk
Corning (river)	Clay	280	6	......		.....	.....	.....	.....	.....	....	......	....	...	.	..	..	..	......	Henry Stafford
Cotter	Baxter	405	3	....	....	.....	....	.....	.....	.....	6.51	.....	2.80	0.0	6	18	2	11	nw.	Charles Turnipseed
Crossett	Ashley	175	15	63.0[a]	-2.1	90[a]	10	31[b]	31	38[b]	7.58	+4.28	2.91	0.0	5	13[a]	8[a]	9[a]	ne.	G. A. Gifford
Danville	Yell	327	14	....	..	.....	.....	.....	.....	.....	4.28	+0.47	3.61	0.0	2	20	2	9	e.	C. G. Hudson
Dardanelle	Yell	330	41	61.6	-1.4	88	9	29	31	35	6.09	+3.45	4.80	0.0	7	11	10	10	s.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	...	....	..	.....	.....	.....	.....	2.82	......	1.06	0.0	5	20	4	7	.....	H. G. Pate
Dumas	Desha	162	21	61.9	-3.3	90	10	29	31	36	3.80	+0.52	1.13	0.0	5	12	12	7	n.	Ben Johnson
Dutton	Madison	1590	27	53.4	-4.7	83	9	17	31	38	5.35	+2.35	1.97	0.0	5	15	10	6	n.	J. M Ricketts
El Dorado	Union	270	29	64.2	-0.6	87	10	31	31	33	5.69	+2.86	3.04	0.0	5	15	5	11	se.	J. J Babb
England	Lonoke	229	23	61.7[a]	1.5	87[a]	9†	27[a]	31	35[a]	2.79	-0.09	1.21	0.0	5	16[a]	6[a]	8[a]	n.	Dr R H. Hardin
Eureka Springs	Carroll	1465	30	58.2	2.1	84	9	23	31	31	4.95	+1.92	1.55	0.0	5	18	5	8	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	57.8	-3.1	84	10	23	31	34	3.65	+0.46	1.62	0.0	6	15	6	10	s.	University of Arkansas
Fort Smith	Sebastian	457	19	61.4	-1.4	89	9	33	31	31	2.94	-0.05	2.25	0.0	6	13	8	10	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	6	......	.....	......	.....	......	...	.	5.91	......	4.78	0.0	6	22	2	7	se.	J. R. Mc Cuiston
Fulton	Hempstead	269	44	......	....	......	......	......	......	......	4.92	+2.55	3.26	0.0	5	16	3	12	......	T. J. Logan
Georgetown	White	200	18	......	.. ...	.. ...	......	......	......	......	3.05	-0.08	1.74	0.0	6	17	3	11	......	W. R Owens
Gilbert	Searcy	675	7	.....	......	... .	.....	.. .	..	.	5.63	......	3.17	0.0	7	15	9	7	......	Ben F. Battenfield
Grannis	Polk	900	11	......	......	....	..	......	......	......	....	......	....	...	..	.	..	..	......	W. E. McVay
Gravette	Benton	1250	33	57.2	-2.8	83	9	22	31	40	4.59	+1.46	1.63	0.0	4	15	10	6	se.	A. F Stevens
Harrison	Boone	1052	29	......	.....	83	10	......	......	...	5.40	+2.71	1.60	0.0	4	16	8	7	......	Dan Robertson
Helena	Phillips	250	58	61.7	-0.8	85	13†	25	31	38	2.[illegible]0	-0.46	1.00	0.0	6	11	12	8	ne.	James A. Burnett
Higden	Cleburne	445	12	......	......		.....	....	.....	......	5.96	......	3.79	0.0	5	13	9	9	s.	Geo W. Baker
Highland	Pike	....	1	63.2	......	92	10	31	31	39	8.45	......	4.40	0.0	5	19	6	6	s.	Tom W. Stewart
Hope	Hempstead	377	59	64.0	-1.6	92	9†	28	31	40	5.52	+2.17	2.75	0.0	4	19	3	9	n.	N. P. O'Neal
Hot Springs	Garland	600	39	62.6	-1.3	87	9	30	29†	33	6.20	+3.09	3.80	0.0	4	22	3	6	.....	G. C. Bolton
Index ††	Little River	275	5	... .	....	......	.....	......	......	......	5.70	......	3.45	0.0	6	13	9	9	......	H. G. Sanderson
Jessieville ††	Garland	750	4	.....	......	....	....	... ..	......	.....	7.90	......	7.03	0.0	4	20	2	9	......	U. S. Forest Service
Jonesboro	Craighead	345	35	60.8	-1.7	87	4†	29	31	38	3.28	-0.05	0.95	0.0	7	21	3	7	sw.	Benedictine Sisters
Junction ‡‡	Union	182	36	61.6	-2.0	83	1	30	31	35	5.70	+2.65	3.18	0.0	4	22	3	6	n.	J. A. Lowderback
Lead Hill	Boone	650	3	56.2	.....	88	9	20	31	40	4.60	......	1.41	0.0	5	20	3	8	s.	J. H. Crosswhite
Little Rock	Pulaski	357	51	61.1	-2.5	83	9	34	31	25	3.12	+0.41	1.99	0.0	5	16	5	10	e.	U. S. Weather Bureau
Lurton	Newton	2100	5	55.7[b]	......	82[b]	9	24[b]	31	25[b]	5.34	......	2.71	0.0	6	18[a]	5[a]	7[a]	s.	I. C Sutton
Lutherville ‡‡	Johnson	775	32	59.7	-2.1	87	9	25	31	32	4.17	+0.49	1.60	0.0	5	16	4	11	e.	H. G. Lenhardt
Magnolia	Columbia	315	11	61.0[a]	-1.9	87[a]	9	30[a]	31	38[a]	4.28	+0.15	1.56	0.0	4	19[a]	4[a]	7[a]	ne.	State Agri. School
Malvern	Hot Springs	277	43	61.8	-1.0	87	9†	28	31	36	8.20	+5.19	4.40	0.0	7	19	5	7	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	57.1	-1.3	84	11	26	31	34	6.76	+3.91	2.36	0.0	4	19	6	6	sw.	S. F. Whittaker
Marianna	Lee	235	18	59.7	-3.9	82	10†	31	31	34	1.49	-2.20	0.66	0.0	4	16	8	7	s.	C. N. Houck
Marked Tree	Poinsett	229	25	55.3	-3.4	87	11	27	31	42	3.40	-0.86	1.07	0.0	7	15	10	6	n.	Charles Walton
Marshall	Searcy	1070	16	55.6	-5.9	85	9	20	31	38	6.69	+3.98	4.10	0.0	5	18	4	9	se.	A. J. Parks
Mena	Polk	1185	42	60.0	-2.8	85	9	29	31	31	3.52	+0.15	2.39	0.0	5	17	5	9	n.	E. W. St John
Morrilton	Conway	347	9	60.0	... ...	85	9	32	31	32	7.02	....	5.22	0.0	5	15	6	10	se.	John Cook
Mountain Home	Baxter	800	16	......	....	85[i]	9	25[i]	31	36[i]	7.13	+3.68	3.28	0.0	4	15[i]	2[i]	5[i]	....	B. S. Halbert
Mount Ida	Montgomery	650	31	59.0	-2.3	88	9	23	31	39	4.88	+1.23	2.45	0.0	4	17	0	14	e.	G. A. Whittington
Newport	Jackson	231	46	60.5	-0.9	90	9	31	31	36	3.40	+0.73	1.52	0.0	7	18	4	9	s.	J. D. Henderson
Norman	Montgomery	750	3	....		......	......	.....	......	......	5.66	......	...	0.0	..	18	6	7	......	U. S. Forest Service
Oden	Montgomery	800	4	...	......	......	.....		......	...	3.88	......	....	0.0	..	16	4	11	se.	U. S. Forest Service
Okay	Howard	288	1	62.1		86	9	25	31	43	6.64	.....	3.97	0.0	6	14	9	8	s.	Frank K. Hensley
Osceola	Mississippi	240	32	62.2	+0.6	89	11	27	31	36	2.84	+0.59	0.85	0.0	6	18	1	12	s.	June Thomason
Ozark	Franklin	396	34	60.4	-3.2	87	10	26	31	37	3.80	+0.95	2.33	0.0	7	17	2	12	se.	Orkney O. Milton
Paragould	Greene	301	4	......	......	.....	......	......	... ..	.....	3.98	......	2.26	0.0	6	21	3	7	se.	W. R. Heagler
Patterson	Woodruff	196	14	......	......	....	......	. ..	......	......	3.87	-0.82	1.16	0.0	5	20	2	9	n.	W. E. Baker
Piggott	Clay	307	6	.... .		.. ...	.		....	......	3.90	......	1.52	0.0	9	22	2	7	ne.	V. C. Wright
Pine Bluff	Jefferson	215	43	62.6	0.9	86	9†	31	31	33	5.94	+3.33	2.20	0.0	7	19	2	10	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	59.5	-3.4	85	10†	26	31	38	5.72	+2.90	2.15	0.0	6	16	6	9	n.	Benedictine Sisters
Portland	Ashley	122	24	62.0	-2.8	87	2	31	31	40	4.01	+1.27	1.75	0.0	6	16	9	6	n.	W. E. Edmiston
Prescott	Nevada	329	42	63.4	-1.0	9[illegible]	14	30	31	39	4.79	+2.30	3.29	0.0	8	20	1	10	n.	C. D. Calhoun
Princeton	Dallas	287	24	......	.....	......	....	......	......	......	7.31	+4.53	4.10	0.0	5	25	0	6	......	Mrs. Dora Coleman
Rison	Cleveland	213	29	62.8	-0.8	89	10	29	31	35	4.93	+2.05	1.90	0.0	6	17	7	7	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	56.7	-2.9	86	9	20	31	38	4.38	+1.57	1.42	0.0	5	14	6	11	nw	Carl A. Starck
St. Charles	Arkansas	175	1	61.1	. . .	85	11	25	31	31	3.11	.....	1.23	0.0	4	23	3	5	n.	Ballard Deane
St. Francis	Clay	299	2	.	....	....	......	......	......	... ..	3.35	.....	1.56	0.0	8	20	1	10	......	S. T. Rooney
Searcy	White	236	21	59.9	-1.4	85	9	28	31	35	3.47	+0.28	1.80	0.0	6	21	5	5	se.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	... ..		......	......	......	......	......	5.59	+2.53	3.35	0.0	4	14	5	12	......	Miss Grace Field
Story	Montgomery	700	6	.... .		......	......	... .	......	......	5.41	......	3.88	0.0	5	20	5	6	n.	S. C. Story
Stuttgart	Arkansas	228	43	61.0	-1.8	88	9	26	31	36	3.51	+0.58	1.03	0.0	7	15	10	6	n.	Adam F. Buerkle
Subiaco	Logan	1050	33	60.4	-3.0	86	1†	29	31	34	3.41	+0.35	1.58	0.0	5	17	4	10	s.	New Subiaco Abbey
Texarkana	Miller	332	44	61.6	-3.0	87	9†	27	31	35	6.78	+4.07	3.80	0.0	6	16	5	10	s.	H. S. Brashear
Thornburg	Perry	650	6	58.6	......	88	9	22	31	43	5.54	......	4.69	0.0	5	20	4	7	n.	Edward E. Holmes
Waldron	Scott	675	11	......	.	....	...	. .	.	......	3.17	-1.32	1.06	0.0	5	14	3	14	nw.	Dr. Cheves Bevill
Warren	Bradley	206	36	60.6	-3.2	80	1	32	31	26	6.49	+2.91	3.75	0.0	6	18	8	5	nw.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	......	......	......	......	... ..	......	.....	4.19	......	2.85	0.0	4	20	3	8	sw.	J. R. Huddleston
Whitecliffs	Little River	290	26	......	..	.....		..	.....	.....	5.35	+2.37	3.52	0.0	5	17	3	11	se.	Nannie O. Schirmer
Wilson	Mississippi	237	5	58.8	...	86	4†	25	31	39	2.12	......	0.58	0.0	6	23	1	7	nw.	M. W. H. Collins
Winslow	Washington	1734	15	56.4	-3.0	83	9	21	31	36	4.89	+0.33	2.00	0.0	6	9	15	7	s.	J. D. Black
Wynne	Cross	250	22	59.6	-3.4	88	5	27	31	36	3.17	-0.72	1.00	0.0	5	19	2	10	n.	R. T. Cobbs
Yancopin	Desha	167	6	... ..	. ..	......	...	.. ..		......	4.55	......	1.43	0.0	6	16	3	12	......	W. E Barton
State Means	and Extremes			60.1	-2.1	92	9-10	17	31	44	4.89	+1.92	7.03	0.0	17	5	9	6	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Freeman Springs, Simpson; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for October, 1930

Stations	Drainage-basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita						.40	4.16																.78	.32								5.66
Arkadelphia	Ouachita						.54	4.50	.60									1.76						.39	.36				.24				8.39
Arkansas City	Mississippi						.04	.35	1.43															.06	.37				1.49				3.74
Arlberg	White						5.20	1.82														.30	.58					.15					8.05
Batesville	White						T.	1.74	1.38									.54					.36	1.56	.26			.08	.16				6.08
Bee Branch	Arkansas						1.25	5.33									T.					T.	.15	.48				.21					7.42
Bentonville***	Arkansas					T.	2.55	.28								.03						.22	.88	.42									4.38
Black Rock	White							1.00	1.49								T.	.46					.60	2.12	.06				.20				5.93
Blytheville	Mississippi						.19	.29									.02	.35				T.	.24	1.04	.07			.35					2.55
Booneville	Arkansas						2.38																.05	.37				.34					3.14
Brinkley	White							1.00	1.70															.35	.28				.62				3.95
Calico Rock	White						.04	2.83	1.87								T.	.15				T.	.76	1.50	.02			T.	.17				7.34
Camden	Ouachita						.60	3.32	.29															.03	.40			.20	.64				5.48
Center Point	Red						1.57	2.65									.38	.19		.01	T.			.98				.12					5.90
Clarendon	White						T.	.96	1.75									.13						.32	.28				.64				4.08
Clinton	White						1.57	5.40									.03						.25	.51				.24					8.00
Conway	Arkansas						1.06	.99															.03	.58				.22					2.88
Corning	White							.60	.75								.11	.75					.20	1.90									4.31
Corning (river)	White																																....
Cotter	White						T.	2.80	.88								T.						.78	1.92				.08	.05				6.51
Crossett	Ouachita						.30	2.91	1.81									T.							.73				1.83				7.58
Danville	Arkansas							3.61																.67				T.					4.28
Dardanelle	Arkansas						.38	4.80	.19															.55	.03			.06	.08				6.09
De Valls Bluff	White						T.	1.06	.66															.30	.30				.50				2.82
Dumas	Mississippi						T.	.96	1.13									.55						T.	.30				.86				3.80
Dutton	White						1.97	1.94														T.	.63	.67				.14					5.35
El Dorado	Ouachita						.60	3.04	.15															T.	.67			T.	1.23				5.69
England	Arkansas						.88	1.21	.08															.11	T.			.51					2.79
Eureka Springs	White						1.55	1.30														.10	.95	1.05									4.95
Fayetteville	White					T.	1.62	1.01														.02	.54	.45				.01					3.65
Fort Smith***	Arkansas					.04	2.25	.04								T.	T.					T.	.04	.50				.07					2.94
Freeman Sprgs.	Arkansas						.28	4.78														T.		.74	.02			.01	.08				5.91
Fulton	Red						.63	3.26										T.						.28	.53			T.	.22				4.92
Georgetown	White						T.	1.74	29									.22						.62	.12				.06				3.05
Gilbert	White						.01	3.17	.39								.11						.48	1.35					.12				5.63
Grannis	Red																																....
Gravette	Arkansas						1.58	1.63															.47	.82									4.50
Harrison	White						1.60	1.20															1.15	1.45									5.40
Helena	Mississippi							.11	1.00									.03						.08	.40				.48				2.10
Higden	White						1.02	3.79									T.					T.	.45	.50				.20					5.96
Highland	Ouachita						3.00	4.40									.05							.90				.10					8.45
Hope	Red						1.55	2.75																.92				.30					5.52
Hot Springs	Ouachita						3.80	1.40										.38		T.				.62									6.20
Index	Red						.45	3.45																.70	.70			.25	.15				5.70
Jessieville	Ouachita						.63	7.03	.01															T.	T.			.23					7.90
Jonesboro	White							.75	.74								T.	05					.37	.95	.07				.35				3.28
Junction	Ouachita						3.18	.52												T.				.90				1.10					5.70
Lead Hill	White						.78	1.26									.05					T.	1.41	1.10									4.60
Little Rock***	Arkansas					T.	1.77	.71									T.	.01			T.	T.		.46				.17					3.12
Lurton	White						2.71	1.33														.10	44	.65				.11					5.34
Lutherville	Arkansas						1.58	1.60									T.						.13	.63				.23					4.17
Magnolia	Red						1.56	1.11																.65				.96					4.28
Malvern	Ouachita						.48	4.40	1.77									.25						.48	.40				.42				8.20
Mammoth Spg.	White							1.88	2.20								T.						.38	2.30					T.				6.76
Marianna	Mississippi							.42																.39				.66	.02				1.49
Marked Tree	Mississippi							27	.67									1.07					.28	.58	.12				.41				3.40
Marshall	White						1.25	4.10														T.	.53	.66				.15					6.69
Mena	Ouachita						.39	2.39																.55	.01			.18					3.52
Morrillton	Arkansas						.18	5.22	.66								T					T.		.66	T.			.30					7.02
Mountain Home	White						.85	3.28															2.85					.15					7.13
Mount Ida	Ouachita						1.60	2.45									T.							.59				.24					4.88
Newport	White							1.06	.35									.19					.27	1.32	.07				.14				3.40
Norman	Ouachita						*	5.00							T					T.				.55				.11					5.66
Oden	Ouachita					*	*	3.21									T.					T.		.67				T.					3.88
Okay	Red					T	1.33	3.97									.04	.17						1.00				.13					6.64
Osceola	Mississippi								.52									.85				T.	.22	.65	.05				.55				2.84
Ozark	Arkansas						.48	2.33									.06						.06	.70				.07	.10				3.80
Paragould	Mississippi						.09	1.25									.22						2.26	.04				.12					3.98
Patterson	White							1.16	.60									.51						.99					.11				3.37
Piggott	Mississippi						.09	.73	.19								.08	.70				.02	.41	1.52				.16					3.90
Pine Bluff	Arkansas						.15	2.20	.64									1.85						.30	.40				.40				5.94
Pocahontas	White						.15	2.15									.20	.47					.73	2.02									5.72
Portland	Ouachita						.07	.58	1.10									02							.49				1.75				4.01
Prescott	Ouachita					.59	3.29	.09										.21						.18	.16			.04	.23				4.79
Princeton	Ouachita						.10	4.10	1.02									1.20				.89											7.31
Rison	Ouachita						25	1.90	40									1.40							.60				.38				4.93
Rogers	White						1.42	1.28														.03	.61	1.04									4.38
St. Charles	White						.19	1.23																.91				.78					3.11
St. Francis	St. Francis							.31	.66								.14	.26				T.	.16	1.56	.10				.16				3.35
Searcy	White						T.	1.80	.56									.09						.70	.10				.22				3.47
Springbank	Red						.78	3.35	T.									T.			T.				.80			T.	.66				5.59
Story	Ouachita					.48	3.88																	.44	.26			.35					5.41
Stuttgart	Arkansas					.01	1.03	1.00									.01						.30	.45				.71					3.51
Subiaco	Arkansas						1.58	1.08														T.	.01	.48				.29					3.44
Texarkana	Red						.80	3.80										.10						.30	1.58				.20				6.78
Thornburg	Arkansas							4.69									.05						.03	.57	T.			.20					5.54
Waldron	Arkansas						1.06	1.06									.02					T.	T	.77				.26					3.17
Warren	Ouachita						.30	3.75	.70															.05	.40				1.20				6.40
Waters	Ouachita						.36	2.85																.67				.31					4.19
Whitecliffs	Red						.57	3.52										T.						.80	.42			T.	.04				5.35
Wilson	Mississippi						.11	.32										58					.50	.10				.51					2.12
Winslow	Arkansas						2.00	1.67														.05	.44	.65				.08					4.89
Wynne	Mississippi							.62	.80									40						1.00					.35				3 17
Yancopin	Arkansas						T.	.40	1.43									1.21						.02	.35				1.14				4.55

Daily River Stages for October, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.2	3.8	3.5	3.5	3.4	3.4	3.8	4.8	5.1	5.6	6.4	5.7	5.3	4.9	4.6	9.0	9.2	6.9	6.3	5.4	5.3	5.5	5.5	5.5	5.6	5.4	5.4	5.4	5.3	5.0	4.8
Ozark	do	22	1.0	0.6	0.4	0.2	0.0	-0.2	1.0	1.1	1.5	1.6	2.2	3.0	2.4	1.8	1.2	1.0	8.0	3.0	2.5	2.0	1.8	1.7	2.0	2.0	2.0	1.9	1.8	1.7	1.7	1.6	1.3
Dardanelle	do	20	4.8	4.5	4.3	4.1	3.9	3.8	4.8	7.9	5.6	5.4	5.3	5.7	6.0	5.7	5.2	4.9	4.8	9.1	6.9	6.0	5.5	5.2	5.2	5.3	5.2	5.2	5.1	5.0	4.9	4.9	4.8
Morrillton	do	20	1.4	1.0	1.0	0.9	0.8	0.7	0.8	4.7	4.1	3.0	2.8	2.6	3.0	2.7	2.4	2.2	1.8	5.0	4.7	3.1	2.6	2.4	2.2	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2
Little Rock	do	23	1.0	0.6	0.5	0.1	-0.2	-0.4	-0.2	2.4	7.0	5.8	4.1	2.9	2.3	2.7	2.6	2.1	1.3	0.7	5.1	5.0	3.1	2.0	1.4	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.7
Pine Bluff	do	25	7.2	6.7	6.1	5.8	6.4	6.0	5.8	5.9	7.8	11.6	11.3	9.3	8.6	8.2	8.4	8.4	8.1	7.5	7.7	10.8	9.7	7.3	7.5	7.0	6.6	6.9	6.8	6.7	7.0	6.9	6.3
Yancopin	do	29	9.3	8.6	8.1	7.8	7.4	6.9	6.6	6.6	6.3	8.3	14.0	13.8	12.4	11.2	10.3	10.2	10.5	10.0	9.1	8.3	11.6	12.6	11.2	9.8	8.8	8.2	8.0	8.0	7.9	7.8	7.7
Danville	Petit Jean	20	1.9	1.7	1.4	1.2	0.9	0.7	4.6	9.8	6.4	4.3	3.8	3.2	2.7	2.3	2.2	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.6	2.8	2.4	2.8	2.1	2.0	2.8	2.0	4.5	4.2	3.8	4.0	4.1	3.6	3.3	3.0	2.9	2.8	2.8	2.6	2.5	2.6	3.1	4.5	5.3	4.4	4.8	4.5	4.1	4.0	3.8
Calico Rock	do	18	0.4	0.2	0.2	0.1	0.0	-0.1	1.1	6.0	4.8	3.5	2.7	2.6	2.3	2.5	1.6	1.2	0.9	0.8	1.0	0.7	0.5	0.5	2.2	4.3	4.4	4.1	3.6	3.2	2.7	1.9	2.0
Batesville	do	23	5.2	5.0	4.8	4.7	4.6	4.5	4.8	16.6	12.1	9.8	8.5	7.5	7.5	7.5	7.2	6.6	5.9	5.5	5.5	5.6	5.4	5.2	5.7	10.6	9.6	9.6	9.3	8.6	8.2	7.6	6.7
Newport	do	26	1.8	1.6	1.3	1.1	1.0	1.0	1.0	4.6	11.0	10.5	8.5	6.5	5.2	4.4	4.1	3.7	3.2	2.8	2.5	2.1	2.1	2.0	2.0	3.5	7.5	7.4	6.6	6.0	5.2	4.7	3.9
Georgetown	do	22	3.0	2.7	2.4	2.2	2.0	1.8	1.6	1.9	9.6	16.6	15.6	13.8	11.7	10.1	8.5	7.4	6.5	5.7	4.9	4.4	3.9	3.5	3.2	3.0	3.5	6.7	8.2	8.4	8.1	7.6	7.0
De Valls Bluff	do	24	7.6	7.1	6.7	6.4	6.0	5.7	5.6	5.5	6.1	13.0	16.8	17.5	17.1	16.2	14.8	13.4	12.2	11.1	10.1	9.4	8.6	8.1	7.8	7.4	7.1	8.0	10.2	11.7	12.3	12.1	11.7
Clarendon	do	30	10.4	10.0	9.6	9.2	8.9	8.6	8.5	8.5	8.4	11.6	16.0	17.7	18.4	18.4	17.8	16.9	15.7	14.5	13.5	12.6	11.8	11.2	10.8	10.4	10.1	10.1	11.5	13.1	14.0	14.3	11.2
Gilbert	Buffalo	30	3.1	3.1	3.1	3.1	3.1	3.1	3.5	6.9	6.0	5.4	5.0	4.6	4.0	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.7	3.5	3.4	3.4	3.3	3.2	3.2	3.2
Black Rock	Black	14	2.3	2.2	2.2	2.1	2.1	2.1	2.8	6.4	8.7	5.4	5.2	4.7	4.0	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.7	4.8	6.6	4.8	4.2	3.6	3.5	3.4	3.4	3.2
Camden	Ouachita	30	4.4	4.5	3.7	3.5	3.4	3.4	4.5	5.4	18.6	23.3	23.8	17.4	14.2	10.0	7.3	6.2	6.2	6.4	6.5	6.5	5.6	4.6	4.6	4.7	4.7	4.7	5.1	4.7	4.5	4.5	5.4
Fulton	Red	28	5.8	5.7	5.4	5.1	5.0	4.9	5.6	6.0	6.6	10.0	10.7	10.2	11.0	11.2	10.4	9.3	13.0	17.8	19.5	18.1	15.4	13.9	12.2	11.3	10.3	9.3	9.6	9.2	8.5	8.1	7.9
Helena	Mississippi	44	2.9	2.4	2.1	1.9	1.3	1.8	1.8	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.8	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.6	1.9	2.0	1.9
Arkansas City	do	48	5.8	5.3	4.7	4.2	3.8	3.4	3.3	3.1	3.0	2.6	2.9	3.7	4.8	4.8	4.7	4.5	4.4	4.5	4.3	4.0	3.7	4.0	4.3	4.6	3.7	3.2	2.9	2.9	3.1	3.5	3.8

Daily Temperatures for October, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	83	82	82	78	73	69	70	81	88	85	84	83	83	81	80	81	65	70	69	66	55	67	58	60	68	71	63	69	63	53	56	72.1
	Minimum	54	52	51	52	61	61	60	50	50	59	59	61	55	56	55	55	50	44	44	49	48	43	44	35	34	35	41	50	41	42	29	49.0
Bentonville	Maximum	81	80	74	76	72	61	69	79	85	82	79	80	79	71	76	72	59	62	60	49	44	55	54	63	66	69	67	59	62	46	51	67.2
	Minimum	51	53	51	60	60	57	54	51	62	59	59	60	55	53	55	44	33	33	42	39	37	43	37	32	37	43	45	34	31	32	23	46.0
Bee Branch	Maximum	78	77	78	79	75	70	70	78	83	81	80	79	80	80	79	80	74	66	67	58	52	49	49	61	64	68	67	66	61	58	51	69.6
	Minimum	54	48	48	57	57	59	58	52	55	57	59	63	58	54	53	59	42	38	44	40	41	42	44	32	31	37	48	46	32	39	26	47.6
Blytheville	Maximum	78	81	85	87	79	75	74	83	85	83	78	85	83	82	84	83	78	63	65	55	58	55	52	65	72	74	61	70	65	68	62	73.3
	Minimum	51	45	47	55	57	63	65	65	59	61	62	62	58	58	56	63	47	39	40	39	42	41	45	36	38	39	51	52	39	40	31	49.9
Booneville	Maximum	82	82	83	82	74	70	68	84	89	89	82	82	82	81	82	79	67	71	70	62	56	60	56	64	70	75	72	67	68	57	56	73.0
	Minimum	52	51	49	62	64	60	62	52	59	59	62	65	53	54	54	63	42	36	45	49	47	45	49	32	32	44	51	43	31	38	27	49.4
Brinkley	Maximum	77	78	82	83	79	72	72	84	86	85	85	83	84	81	84	84	75	66	70	61	56	53	54	62	70	74	68	73	56	56	53	72.8
	Minimum	53	41	45	53	55	61	58	63	53	58	60	59	52	52	53	60	50	35	39	42	44	43	46	36	31	37	48	50	38	36	27	47.7
Calico Rock§§	Maximum	76	79	79	83	77	67	72	80	86	83	82	81	82	78	81	84	64	64	61	56	51	48	51	63	67	70	69	69	68	51	52	70.1
	Minimum	50	47	46	47	53	59	58	52	52	55	55	56	53	51	52	55	40	35	37	42	40	41	41	32	33	36	45	40	31	32	22	44.8
Camden§§	Maximum	82	80	84	81	76	74	73	82	85	87	86	83	83	83	83	83	69	70	69	68	62	69	60	62	68	73	64	71	65	60	57	72.9
	Minimum	52	46	49	51	59	61	60	53	53	56	60	62	54	56	54	55	57	39	39	46	46	41	42	36	32	33	45	56	40	36	28	48.3
Center Point	Maximum	85	83	81	77	75	70	70	81	86	85	84	82	82	83	81	80	73	71	69	67	69	65	63	63	65	70	69	70	67	62	61	73.5
	Minimum	63	56	59	62	63	61	65	57	62	63	64	66	57	60	62	64	49	46	45	52	48	45	53	36	39	48	59	51	39	38	33	53.7
Conway	Maximum	78	78	82	82	77	67	71	81	86	83	83	84	82	80	83	85	76	66	71	64	57	53	52	61	67	71	67	70	63	59	53	72.0
	Minimum	54	47	49	59	59	59	60	52	56	57	60	63	53	56	55	62	46	39	45	45	46	45	46	33	34	39	51	51	35	40	29	49.2
Corning	Maximum	77	78	85	86	75	69	70	80	85	84	85	84	84	83	81	81	75	61	61	54	56	49	51	64	68	71	65	71	63	54	52	71.0
	Minimum	46	40	41	48	54	57	55	59	52	54	54	54	48	48	51	59	40	31	35	32	32	37	41	29	31	38	48	46	28	34	23	43.4
Dardanelle	Maximum	81	80	82	81	75	71	72	85	88	85	85	84	84	82	82	83	74	70	71	61	58	54	55	64	69	74	70	72	65	60	56	73.3
	Minimum	54	49	49	60	62	60	61	55	57	58	60	64	55	54	54	62	44	40	46	47	46	46	48	32	38	39	50	46	38	40	29	49.8
Dumas	Maximum	80	80	84	80	79	72	70	82	85	90	88	84	82	83	86	86	75	65	74	65	59	69	60	60	65	68	64	70	64	63	61	74.0
	Minimum	54	44	51	57	56	63	62	60	55	55	61	60	53	50	56	58	52	10	40	46	45	40	50	44	34	40	50	55	44	39	29	49.8
Dutton	Maximum	80	78	74	76	71	62	64	75	83	79	78	76	78	75	74	72	61	63	66	55	51	53	50	62	62	65	67	62	61	52	51	67.0
	Minimum	42	43	41	53	54	54	53	41	52	47	52	57	43	44	44	52	33	26	37	32	35	37	38	24	25	35	45	29	23	30	17	39.9
El Dorado	Maximum	82	80	82	82	77	73	74	85	82	87	84	82	81	83	83	84	80	70	67	68	66	75	67	62	71	74	67	70	64	60	56	74.8
	Minimum	57	50	57	62	63	62	65	56	59	60	65	65	57	60	58	61	59	42	43	54	47	43	57	42	38	42	56	57	44	43	34	53.5
Eureka Springs	Maximum	81	82	75	77	71	65	64	80	84	83	82	82	79	74	75	71	62	63	62	54	14	52	53	64	69	71	70	60	63	52	53	68.3
	Minimum	63	53	52	59	60	57	57	52	60	59	58	62	65	56	55	52	33	35	42	39	35	40	40	33	38	46	54	44	36	33	23	48.1
Fayetteville	Maximum	81	78	78	77	73	66	70	79	82	84	80	81	76	80	75	72	61	63	64	56	48	58	58	63	66	70	67	59	62	57	52	68.9
	Minimum	49	50	59	58	58	58	60	49	59	57	58	56	53	53	52	53	34	33	49	39	37	43	41	31	34	46	54	37	28	33	23	46.6
Fort Smith	Maximum	82	79	80	81	75	64	72	85	89	84	82	84	81	77	81	76	64	67	65	58	54	56	57	62	67	74	71	61	64	52	54	71.0
	Minimum	57	57	56	64	64	60	60	54	62	63	63	66	59	57	58	52	43	43	53	50	47	44	45	38	40	45	54	45	36	39	33	51.8
Gravette	Maximum	80	79	74	75	70	67	66	78	83	82	79	81	77	73	75	71	53	60	58	51	47	56	55	70	75	72	65	61	61	57	50	67.8
	Minimum	52	53	50	60	58	56	57	50	67	58	60	59	59	50	55	49	33	32	45	38	35	40	39	30	36	46	56	37	26	32	22	46.5
Helena	Maximum	77	78	82	82	78	72	78	83	85	85	85	83	86	83	84	86	80	66	73	67	57	58	59	62	70	72	66	76	61	57	52	78.7
	Minimum	60	46	56	56	60	63	40	59	60	62	64	62	51	57	56	62	47	36	39	47	45	41	48	36	34	43	51	55	42	33	25	49.7
Hope	Maximum	88	84	90	82	79	68	72	86	92	92	89	89	87	89	87	87	75	76	73	74	66	76	62	66	74	77	70	72	69	66	65	78.1
	Minimum	52	49	50	58	60	61	62	51	51	58	60	54	54	57	55	62	50	39	41	53	56	41	52	37	35	37	47	52	41	38	28	49.8
Hot Springs	Maximum	86	84	82	81	78	80	80	86	87	81	82	83	83	80	81	80	71	74	66	66	62	65	66	67	69	72	68	69	61	58	59	74.5
	Minimum	64	64	63	62	62	61	62	63	62	64	67	57	59	58	61	54	42	46	41	42	44	43	41	41	36	42	39	40	30	30	33	50.7
Jonesboro	Maximum	76	80	85	87	83	73	70	83	87	85	84	85	84	81	83	85	77	64	62	65	56	49	49	63	69	72	62	68	65	55	50	72.2
	Minimum	54	47	52	57	58	61	61	62	57	60	61	61	56	56	57	63	39	45	45	40	41	40	45	37	38	40	41	50	36	39	29	49.3
Lead Hill	Maximum	79	78	76	79	75	65	68	81	88	83	83	81	81	78	79	76	62	63	61	55	49	51	49	65	68	71	70	63	65	55	52	69.3
	Minimum	47	44	42	52	57	59	59	47	52	51	53	56	49	48	50	55	35	30	38	40	37	41	42	28	30	35	46	33	25	37	20	43.2
Little Rock	Maximum	75	75	79	77	73	66	73	81	83	82	82	80	81	80	80	81	64	64	70	58	52	60	52	59	65	70	64	68	62	52	52	69.7
	Minimum	60	55	57	61	61	58	59	56	61	63	63	64	59	61	60	60	49	46	51	45	45	44	43	38	40	45	55	52	41	39	34	52.5
Lutherville	Maximum	81	78	80	79	75	68	67	80	87	81	82	80	82	79	80	79	70	65	68	59	55	51	53	63	66	70	70	67	62	55	51	70.4
	Minimum	57	50	51	61	61	58	59	50	59	60	61	65	54	55	55	61	41	40	47	44	40	43	45	31	35	43	52	45	33	38	25	49.6
Magnolia	Maximum	81	78	83	80	75	68	72	85	87	85	84	82	81	83	84	85	86	68	67	67	65	..	58	60	72	76	70	71	65	59	56	74.4
	Minimum	55	51	55	60	62	63	65	53	57	60	65	64	57	60	61	62	60	63	58	53	47	..	43	40	35	38	56	56	40	38	30	53.6
Malvern	Maximum	82	80	83	79	74	65	74	82	87	87	85	84	84	82	82	84	77	71	70	62	57	68	63	64	69	72	65	73	66	63	59	74.0
	Minimum	54	47	51	59	59	60	63	54	55	56	62	62	53	57	54	60	50	39	43	48	47	42	50	36	35	36	50	51	39	35	28	49.5
Mammoth Springs	Maximum	77	73	76	80	76	70	78	78	81	81	84	80	78	76	77	79	74	59	53	49	49	49	50	60	64	69	65	65	62	62	53	68.6
	Minimum	50	45	44	50	62	58	58	52	54	55	56	56	52	50	53	63	41	35	39	41	39	42	42	31	33	35	50	37	30	36	26	45.6
Marianna	Maximum	75	75	78	80	77	77	71	78	81	82	82	81	81	79	80	82	77	62	68	68	55	53	56	58	65	70	70	68	60	52	47	70.6
	Minimum	56	46	49	56	57	57	60	65	55	57	61	54	54	56	56	60	52	40	41	41	45	45	48	38	34	36	36	49	40	39	31	48.5
Marshall	Maximum	72	76	78	74	74	70	66	76	85	79	76	76	76	74	75	75	65	63	57	57	50	51	51	57	64	67	67	66	59	59	49	67.2
	Minimum	47	43	42	52	55	57	58	54	47	54	55	49	48	49	50	64	38	32	40	38	38	39	41	26	30	45	50	37	28	36	20	43.9
Mena	Maximum	83	79	80	79	73	70	68	80	85	81	80	80	78	78	78	72	64	68	61	63	55	65	57	59	65	69	63	66	64	63	53	70.3
	Minimum	52	52	52	58	60	59	59	50	61	56	62	65	53	55	51	64	43	39	46	50	47	42	43	34	35	43	55	46	35	39	29	49.6
Mount Ida	Maximum	82	80	81	78	73	67	70	82	88	84	82	82	81	79	80	81	73	70	67	66	59	69	63	63	67	71	68	72	66	55	59	72.5
	Minimum	45	43	43	55	55	60	63	48	52	50	53	61	47	51	50	65	44	32	40	43	46	37	48	29	28	32	52	42	29	32	23	45.1
Newport	Maximum	80	82	83	87	79	71	72	85	90	85	85	84	85	84	83	84	75	62	63	56	57	50	50	63	70	72	63	69	69	59	51	72.5
	Minimum	53	46	48	55	57	62	59	59	59	58	59	58	54	54	53	62	46	41	41	40	43	40	44	35	34	37	50	51	35	40	31	48.5
Pine Bluff	Maximum	79	78	83	79	75	71	75	83	86	86	85	83	82	84	83	85	76	67	72	63	56	68	59	61	70	74	62	70	63	57	53	73.2
	Minimum	59	50	54	60	60	60	61	56	58	60	63	63	57	60	58	62	54	42	46	48	47	43	50	10	37	41	55	54	49	43	31	52.1
Pocahontas	Maximum	79	78	82	85	78	70	70	80	84	86	86	84	84	82	81	82	80	63	62	71	53	53	50	63	68	70	66	69	65	61	59	72.1
	Minimum	52	45	45	53	57	60	57	55	54	56	60	57	54	52	58	68	42	36	39	46	39	39	41	36	33	35	47	42	31	38	26	46.9
Portland	Maximum	80	87	78	78	76	73	73	77	81	82	81	80	79	81	79	80	77	63	68	64	66	73	67	59	65	70	64	68	65	59	53	72.7
	Minimum	57	47	53	55	59	62	68	61	55	63	63	61	56	58	56	57	59	42	38	53	44	40	53	42	35	36	51	58	47	41	31	51.6
Prescott	Maximum	85	84	83	79	78	75	73	85	87	88	87	89	90	91	87	85	86	74	76	73	64	68	67	65	69	75	76	68	64	57	56	76.9
	Minimum	56	53	50	68	65	60	67	60	52	54	56	53	51	57	58	56	51	43	42	48	46	41	46	36	35	39	51	44	43	40	30	50.0
Rison	Maximum	81	80	84	80	81	76	76	84	87	89	86	84	84	83	83	84	80	69	71	66	60	70	61	62	70	73	72	73	70	63	55	75.4
	Minimum	56	48	55	59	60	59	62	55	57	60	62	62	49	57	56	68	55	40	44	47	40	41	51	37	35	39	38	53	40	41	29	50.2
Searcy	Maximum	83	77	80	81	76	70	71	80	85	84	83	82	83	82	81	83	75	67	69	58	58	52	51	62	65	71	63	69	65	62	52	71.7
	Minimum	54	46	48	55	57	61	58	60	55	57	59	58	53	54	54	58	46	38	42	42	42	44	44	36	34	36	46	51	36	38	28	48.1
Stuttgart	Maximum	79	79	86	82	82	73	74	84	88	85	85	84	83	82	84	84	78	66	72	67	58	65	57	60	70	74	65	71	64	56	52	73.8
	Minimum	45	50	55	56	61	59	59	56	56	60	60	54	55	55	61	53	42	37	45	46	41	49	36	34	42	51	50	37	37	27	26	48.2
Texarkana	Maximum	85	81	82	82	75	68	72	83	87	86	87	86	83	82	86	82	73	71	63	71	62	73	64	64	68	74	64	70	66	60	61	74.5
	Minimum	53	51	51	58	58	60	61	53	58	58	63	53	53	53	51	56	51	38	40	45	45	40	51	35	34	41	50	50	38	36	27	48.7
Thornburg	Maximum	80	79	81	80	73	72	73	83	88	85	82	83	82	82	82	82	76	68	74	61	60	60	57	62	71	72	73	73	64	58	55	73.3
	Minimum	45	40	41	55	55	58	60	45	52	49	52	52	45	50	48	56	45	32	38	44	44	41	45	28	28	38	17	44	29	32	22	43.9
Warren	Maximum	80	75	75	77	76	72	70	75	79	79	78	78	77	75	75	79	78	64	62	61	60	65	64	54	61	63	62	65	64	57	51	69.1
	Minimum	56	49	52	60	66	60	64	57	56	60	62	63	56	60	58	59	56	43	41	50	45	41	50	40	38	40	53	55	43	43	32	51.9
Wilson	Maximum	75	78	83	86	76	76	71	82	85	85	86	85	85	85	84	85	75	63	63	55	55	53	51	60	68	72	78	70	62	52	48	72.0
	Minimum	50	39	44	49	55	54	58	62	57	58	59	56	52	51	51	60	41	36	32	32	41	43	41	35	32	40	48	48	34	33	25	45.7
Wynne	Maximum	75	78	83	84	88	67	71	80	85	84	85	82	82	80	81	83	75	73	65	55	55	53	53	53	66	70	60	67	61	53	46	70.7
	Minimum	53	47	49	56	55	63	59	64	59	60	59	57	52	53	52	63	48	37	39	41	43	41	44	36	34	44	54	47	34	35	27	48.5

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. .11-17-30-980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., NOVEMBER, 1930 No. 11

GENERAL SUMMARY

The cold weather of the latter part of October extended into November bringing freezing temperatures and killing frosts to some sections in southern counties for the first time this fall. The mean temperature of 50.5° with a departure of —1.1° makes the third consecutive November with the average below normal but the month was not near so cold as that of 1929 when the average for the State was 46.1°. Temperatures were generally below normal for the first eight days and again during the last decade but from the 11th to the 20th they were uniformly above with the highest occurring either the 18th or 19th. The lowest for the month occurred at most stations on the 26th, 27th. or 28th but at a few stations during the earlier part of the month.

Showers occurred in most sections of the State either the 2d or 3d and general rains from the 10th to the 16th, the 19th to 21st, and on the 29th and 30th with the greatest amount falling near the middle or close of the month. Two stations in Montgomery County reported over 9 inches of rainfall and 25 others over 5 inches while three stations had less than two inches. The heaviest rainfall occurred in the Ozarks, on the upper watershed of the Ouachita River, and in southern and southwestern counties; the least in central and northeastern sections of the State. Twenty stations reported a trace of snow on the 24th and 3 others a trace of sleet or snow on other dates. There were three tornadoes in the State during the month the details of which appear under miscellaneous phenomena.

The mean temperature, as determined by the records of 62 stations, was 50.5° which is a departure of 1.1° below normal. Positive departures occurred at six stations, three in the northwestern portion of the State, one in northeastern, and two in central; others were either normal or below. Monthly means ranged from 44.9° at Dutton to 54.6° at El Dorado. The highest temperature recorded was 87° at Pine Bluff on the 18th, the lowest 16° at Dutton on the 6th, and at Thornburg on the 7th. The greatest daily range was 49° at Batesville on the 18th.

The average precipitation for 92 stations was 4.15 inches which is a departure of 0.50 inch above normal. Of the 65 stations for which normals have been computed, 38 showed positive departures and 27 negative with monthly totals ranging from 1.95 inches at Wilson to 9.35 inches at Norman. The greatest amount measured in any 24-hour period was 4.23 inches at Norman on the 15th. The average number of days with 0.01 inch or more precipitation was seven. T.A.M.

MISCELLANEOUS PHENOMENA

(Dates and number of stations reporting)

THUNDERSTORMS:-2d, 3; 14th, 2; 15th, 22; 16th, 8; 19th, 21; 20th, 1; 29th, 2.

LUNAR HALOS:----1st, 1; 2d, 1; 3d, 1; 4th, 1; 5th, 3; 6th, 3; 7th, 1; 8th, 1; 9th, 1.

SOLAR HALOS:-----5th, 1; 8th, 1; 10th, 1; 22d, 1.

DENSE FOGS:-------3d, 6; 4th, 14; 7th, 1; 10th. 7; 11th, 8; 12th, 7; 13th, 6; 14th 7; 15th, 16; 16th, 1; 18th, 1; 19th, 2; 8th, 1.

LIGHT HAIL:-------Okay, 15th.

TORNADOES:-4 miles southeast of Foreman 15th, 12:30 p.m., from southwest, destructive path 200 feet wide and 5 miles long, none killed nor injured, property damage $600.

Ola 19th, 8:40 p.m., from southwest, destructive path [illegible] feet wide, one killed, 12 injured, property damage $230,800.

Cleveland 19th, 10:00 p.m., from southwest, destructive path 180 feet wide, none killed nor injured, property damage $6,000.

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MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement, miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	30.13	30.58	22	29.40	15	3,536	29	s.	20	......	......	86
Fort Smith	30.12	30.55	7	29.41	15	5,585	30	nw.	24	79	55	57
Little Rock	30.13	30.62	1	29.46	15	5,714	32	nw.	24	75	57	54
Memphis	30.15	30.67	1	29.53	15	5,389	31	sw.	25	78	64	45

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	51.6		96		2		3.65		15	6	9	6
1891	49.7	−1.9	87	6	10	30	5.56	+1.91	13	7	10	8
1892	49.9	−1.7	79	27	20	7	5.83	+2.18	11	7	12	9
1893	49.3	−2.3	84	7	10	24	4.21	+0.56	14	8	8	5
1894	50.4	−1.2	81	1	12	11	1.12	−2.53	19	6	5	2
1895	49.9	−1.7	82	18	16	25	4.82	+1.17	14	5	11	6
1896	52.8	+1.2	88	10	8	30	4.34	+0.69	14	7	9	7
1897	51.6	0.0	85	15	15	30	2.82	−0.83	16	6	8	6
1898	47.5	−4.1	87	5	9	22	3.20	−0.45	13	8	9	4
1899	54.3	+2.7	87	7	17	3	2.61	−1.08	13	8	9	6
1900	51.4	−0.2	90	3	18	12	4.28	+0.63	15	7	8	6
1901	50.5	−1.1	88	2	15	16	2.99	−0.66	16	7	7	5
1902	56.5	+4.9	90	11	18	27	6.66	+3.01	8	9	13	9
1903	47.6	−4.0	89	4	2	18	0.64	−3.01	13	9	8	3
1904	51.4	−0.2	89	4	17	15	1.38	−2.27	17	5	8	3
1905	53.2	+1.6	88	18	9	30	3.28	−0.37	16	5	9	5
1906	50.2	−1.4	88	16	13	22	5.90	+2.15	14	7	9	6
1907	49.0	−2.6	84	5	10	13	5.71	+2.06	16	5	9	6
1908	53.8	+2.2	88	10	5	14	5.40	+1.75	15	6	9	8
1909	59.3	+7.7	90	4	16	18	3.75	+0.10	13	8	9	7
1910	51.5	+0.1	85	21	17	29	0.47	−3.18	16	9	5	3
1911	46.8	−4.8	86	11	5	12	3.18	−0.47	14	8	8	7
1912	50.5	−1.1	89	11	13	25	1.66	−1.99	19	7	4	2
1913	57.6	+6.0	85	18	20	9	2.47	−1.18	10	9	11	5
1914	52.6	+1.0	88	5	11	20	2.32	−1.33	15	6	9	4
1915	54.8	+3.2	88	1	17	15	5.40	+1.75	16	5	9	6
1916	52.1	+0.5	87	2	10	10	2.95	−0.70	20	4	6	5
1917	50.7	−0.9	85	10	11	24	1.96	−1.69	17	4	9	4
1918	49.7	−1.9	88	6	18	30	3.91	+0.26	15	4	11	6
1919	51.4	−0.2	86	1	14	13	6.27	+2.62	17	3	10	7
1920	47.8	−3.8	89	7	10	13	1.95	−1.70	15	4	11	5
1921	54.9	+3.3	88	17	17	12	5.53	+1.88	13	6	11	7
1922	52.9	+1.3	88	4	20	21	3.89	+0.24	16	6	8	6
1923	50.8	−0.8	81	10	21	6	3.34	−0.31	15	4	11	6
1924	53.4	+1.8	88	2	15	25	2.36	−1.29	16	5	9	4
1925	50.4	−1.2	89	12	15	25	5.67	+2.02	16	4	10	[illegible]
1926	47.2	−4.4	81	6	10	19	3.33	−0.32	14	5	11	6
1927	56.7	+5.1	96	1	20	17	3.68	+0.02	7	8	15	6
1928	50.2	−1.4	82	5†	13	26	4.25	+0.60	13	3	14	8
1929	46.1	−5.5	85	12	7	30	2.61	−1.04	19	6	14	8
1930	50.5	−1.1	87	18	16	6†	4.15	+0.50	16	4	10	7

Corrections:--Total snow fall on page 42 at Lurton should be T.

Climatological Data for November, 1930

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	35	49.8	−2.8	79	18	23	27	37	3.52	−0.44	1.49	0.0	7	13	11	6	n.	J. W. Campbell
Arkadelphia	Clark	250	34	....	....	....	....	....	....	....	3.39	−0.16	1.60	0.0	10	13	3	14	n.	W. K. Bown
Arkansas City	Desha	145	46	....	....	....	....	....	....	....	5.39	+1.60	2.24	0.0	11	15	0	15	....	J. H. Catham
Arlberg	Stone	700	8	....	....	....	....	....	....	....	5.30	....	1.80	0.0	5	14	5	11	ne.	Herbert Neff
Batesville	Independence	277	31	46.2	−3.6	79	18	19	25	49	2.42	−1.13	0.98	T.	12	18	1	11	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	38	49.2	−2.1	77	18	25	27	36	3.52	+0.09	0.92	0.0	8	16	3	11	s.	J. E. Scanlan
Bentonville	Benton	1303	25	47.3	+0.6	78	18	24	26	37	4.26	+1.27	2.26	T	6	23	2	5	se.	U. S. Weather Bureau
Black Rock	Lawrence	259	28	....	....	....	....	....	....	....	3.26	−0.89	1.25	0.0	10	16	1	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	5	52.2	....	80	18†	26	28	31	1.96	....	0.78	T.	8	17	2	11	s.	Francis Carpenter
Booneville	Logan	465	16	51.6	−2.2	84	18	20	27	41	3.30	−0.72	1.17	0.0	7	18	3	9	w.	F. H. Randolph
Brinkley	Monroe	205	43	51.2	−0.6	85	18	23	1	40	3.24	−0.95	1.23	0.0	9	17	3	10	ne.	R. J. Torry
Calico Rock	Izard	361	26	47.6	−1.0	82	18	20	28	45	3.24	+0.15	1.31	T.	8	14	7	9	nw.	W. J. Copp
Camden	Ouachita	158	45	50.8	−1.4	80	19	22	27	39	4.90	+0.83	2.37	0.0	12	14	3	13	ne.	A. B. Quarterman
Center Point	Howard	470	31	53.4	−1.2	76	20	26	27	34	5.18	+1.80	1.78	0.0	7	17	6	7	se.	John C. Floyd
Clarendon	Monroe	200	26	....	....	....	....	....	....	....	2.93	−0.97	1.28	T.	10	14	2	14	ne.	J. W. Bishop
Clinton	Van Buren	516	9	....	....	....	....	....	....	....	6.03	....	2.50	0.0	6	17	5	8	nw.	A. L. Stephens
Conway	Faulkner	309	47	51.2	−0.6	81	18	23	27	40	2.34	−1.76	0.97	0.0	7	17	5	8	e.	E. E. Cordrey
Corning	Clay	298	37	48.0	0.0	81	18	18	28	48	2.54	−1.14	0.88	0.0	7	17	0	13	se.	Winfred D. Polk
Corning (river)	Clay	280	6	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Henry Stafford
Cotter	Baxter	408	3	....	....	....	....	....	....	....	3.80	....	1.44	0.0	6	19	2	9	n.	Charles Turnipseed
Crossett	Ashley	175	15	53.0	−1.4	81	18	25	27	37	4.99	+1.22	2.00	0.0	9	12	5	13	n.	G. A. Gifford
Danville	Yell	327	14	....	....	....	....	....	....	....	4.72	+1.19	1.69	0.0	5	18	2	10	e.	C. G. Hudson
Dardanelle	Yell	330	44	52.0	−0.4	84	18	24	27	39	5.44	+1.94	2.04	0.0	6	11	10	9	s.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	....	....	....	....	....	....	....	2.77	....	1.18	0.0	9	15	3	12	....	H. G. Pate
Dumas	Desha	162	24	53.0	−0.9	84	18	25	27	38	3.91	+0.02	1.41	T.	10	13	4	13	s.	Ben Johnson
Dutton	Madison	1590	27	44.9	−2.7	77	18	16	6†	41	5.74	+2.55	2.41	T.	7	19	6	5	s.	J. M. Ricketts
El Dorado	Union	270	29	54.6	−0.3	82	19	26	27	34	5.73	+2.51	2.02	0.0	10	12	5	13	se.	J. J. Babb
England	Lonoke	229	23	51.4	−2.3	84	18	21	27	38	2.77	−0.94	1.10	0.0	10	15	4	11	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	50.2	−1.4	80	18	22	26	37	3.15	+0.20	1.44	0.0	6	20	1	9	se	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	48.3	−1.5	79	18	22	7†	39	2.32	−0.76	1.06	T.	7	20	3	7	s	University of Arkansas
Fort Smith	Sebastian	457	49	51.2	+0.2	84	18	25	27	35	2.78	−0.09	1.57	T.	7	17	6	7	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	6	....	....	....	....	....	....	....	4.78	....	1.60	0.0	7	20	3	7	sw.	J. R. Mc Cuiston
Fulton	Hempstead	260	44	....	....	....	....	....	....	....	7.33	+3.82	2.09	0.0	8	18	0	12	....	T. J. Logan
Georgetown	White	200	18	....	....	....	....	....	....	....	2.10	−1.49	1.18	0.0	6	13	1	16	....	W. R. Owens
Gilbert	Searcy	675	7	....	....	....	....	....	....	..	2.45	....	0.87	T.	6	17	4	9	....	Ben F. Battenfield
Grannis	Polk	900	11	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	W. E. McVay
Gravette	Benton	1250	33	47.4	−2.0	77	17	22	24	40	4.17	+1.16	1.81	T.	7	15	8	7	se.	A. F. Stevens
Harrison	Boone	1052	29	48.0	−0.7	81	18	18	28†	44	3.05	+0.26	....	T.	.	17	4	9	nw.	Dan Robertson
Helena	Phillips	250	58	52.1	−1.1	83	18	22	26	38	4.31	−0.18	1.30	0.0	12	11	7	12	n.	James A. Burnett
Higden	Cleburne	445	12	....	....	....	....	....	....	....	3.71	....	1.14	0.0	8	14	9	7	n.	Geo. W. Baker
Highland	Pike	....	1	53.3	....	75	17†	26	25	34	4.85	....	2.10	0.0	7	17	6	7	s.	Tom W. Stewart
Hope	Hempstead	377	59	54.3	−0.3	79	17	24	27	43	6.40	+1.93	2.00	0.0	6	17	5	8	nw.	N. P. O'Neal
Hot Springs	Garland	600	39	51.4	−1.4	74	18	34	1†	27	3.14	−1.16	0.93	0.0	6	12	4	14	....	G. C. Bolton
Index ‡‡	Little River	275	5	....	....	....	....	....	....	....	3.91	....	1.55	0.0	8	13	1	16	....	H. G. Sanderson
Jessieville ††	Garland	750	4	....	....	....	....	....	....	....	5.83	....	2.67	T.	5	14	6	10	....	U. S. Forest Service
Jonesboro	Craighead	345	35	50.7	−0.7	83	18	24	28	43	2.39	−1.07	0.96	0.0	11	12	5	13	ne.	Benedictine Sisters
Junction ‡‡	Union	182	36	53.8	−0.1	78	18	24	25	40	5.22	+1.89	2.05	0.0	5	13	6	11	w.	J. A. Lowderback
Lead Hill	Boone	650	3	47.6	....	81	18	18	28	46	3.35		0.94	T.	8	21	0	9	se.	J. H. Crosswhite
Little Rock	Pulaski	357	51	51.6	−0.5	82	18	27	27	33	2.38	−1.81	1.28	T.	9	13	8	9	sw.	U. S. Weather Bureau
Lurton	Newton	2100	5	47.0	....	77	19	20	26†	35	4.70	....	2.15	0.0	8	19	3	8	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	32	50.6	−0.6	80	18	22	28	36	4.45	+1.02	1.62	0.0	6	18	4	8	e.	H. G. Lenhardt
Magnolia	Columbia	315	11	54.4ᵃ	−0.2	82ᵃ	19	24ᵃ	27	39ᵃ	5.30	+0.71	2.65	0.0	6	15ᵃ	7ᵃ	7ᵃ	ne.	State Agri. School
Malvern	Hot Springs	277	43	52.0	−0.2	81	18	22	27	41	2.99	−1.59	1.50	0.0	8	20	0	10	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	25	48.2	−0.4	82	18	22	25	38	2.87	−0.45	1.35	T.	4	19	9	2	nw.	S. F. Whittaker
Marianna	Lee	235	18	52.0	0.0	83	18	25	1	34	3.07	+0.07	0.80	0.0	9	13	7	10	n.	C. N. Houck
Marked Tree	Poinsett	229	25	48.2	−1.4	82	18	22	28	38	2.59	−1.91	0.80	0.0	10	8	12	10	s	Charles Walton
Marshall	Searcy	1070	16	48.2	−3.5	73	16†	20	7	40	5.60	+1.71	1.68	0.0	8	19	1	10	sw.	A. J. Parks
Mena	Polk	1185	42	49.8	−3.3	78	18	24	27	33	5.42	+1.96	1.75	0.0	7	16	6	8	n.	E. W. St. John
Morrilton	Conway	347	9	49.8	....	79	18	26	25†	37	2.85		1.16	0.0	5	15	4	11	nw.	John Cook
Mountain Home	Baxter	800	16	4.94	−0.2	82	18	22	26†	42	4.20	+0.94	1.52	0.0	7	16	2	12	w.	B. S. Halbert
Mount Ida	Montgomery	650	31	4.85	−2.6	79	18	17	27	44	9.20	+5.16	3.24	0.0	8	18	3	9	e.	G. A. Whittington
Newport	Jackson	231	46	50.5	−0.2	82	18	23	28	39	1.96	−2.44	0.77	0.0	8	15	5	10	n.	J. D. Henderson
Norman	Montgomery	750	3	....	....	....	....	....	....	....	9.35	....	4.23	0.0	6	17	5	8	....	U. S. Forest Service
Oden	Montgomery	800	4	....	....	....	....	....	....	....	5.97	....	2.05	0.0	5	18	3	9	nw.	U. S. Forest Service
Okay	Howard	288	1	53.0	....	84	19	19	27	41	5.14	....	1.91	0.0	5	13	7	10	s.	Frank K. Hensley
Osceola	Mississippi	240	32	51.6	+1.8	82	18	24	28	35	2.09	−2.76	0.65	T.	7	11	1	18	s.	June Thomason
Ozark	Franklin	396	34	48.8	−3.4	84	18	21	27	43	4.67	+1.49	1.60	0.0	5	16	2	12	....	Orkney O. Milton
Paragould	Greene	301	4	....	....	....	....	....	....	....	2.76	....	1.20	T	8	16	4	10	se.	W. R. Heagler
Patterson	Woodruff	196	14	....	....	....	....	....	....	....	2.91	−2.11	1.11	0.0	6	18	0	12	n.	W. E. Baker
Piggott	Clay	307	6	....	....	....	....	....	....	....	2.64	....	1.15	T.	9	14	4	12	ne.	V. C. Wright
Pine Bluff	Jefferson	215	43	52.9	+0.1	87	18	25	27	36	3.83	−0.36	1.58	0.0	9	14	4	12	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	37	50.2	−1.0	81	18	22	28	39	2.45	−1.06	0.90	0.0	6	14	1	15	n.	Benedictine Sisters
Portland	Ashley	122	24	53.2	−0.7	81	18†	24	27	34	5.00	+1.40	1.92	0.0	10	14	3	13	n.	W. E. Edmiston
Prescott	Nevada	329	42	51.5	−2.7	78	19	24	27	37	5.39	+1.90	1.96	0.0	6	16	0	14	n.	C. D. Calhoun
Princeton	Dallas	287	24	....	....	....	....	....	....	....	3.89	−0.07	2.28	0.0	5	20	0	10	....	Mrs. Dora Coleman
Rison	Cleveland	243	29	53.9	+0.8	83	18	25	27	40	4.20	+0.82	1.65	0.0	7	17	5	8	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	47.6	−1.7	80	18	22	8†	44	3.57	+0.64	1.59	T.	6	19	4	7	sw.	Carl A. Starck
St. Charles	Arkansas	175	1	50.3	....	82	18	24	27	34	3.11	....	1.10	0.0	9	11	8	11	s.	Ballard Deane
St. Francis	Clay	290	2	....	....	....	....	....	....	....	3.00	....	1.42	0.0	7	15	2	13	....	S. T. Rooney
Searcy	White	236	21	49.8	−0.9	81	18	25	1†	41	2.29	−3.19	0.95	0.0	8	17	1	12	s.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	....	....	....	....	....	....	....	6.48	+3.01	2.58	0.0	7	15	1	14	....	Miss Grace Field
Story	Montgomery	700	6	....	....	....	....	....	....	....	7.53	....	4.02	0.0	7	14	5	11	ne.	S. C. Story
Stuttgart	Arkansas	228	43	52.2	0.0	86	18	24	26	37	4.16	+0.17	1.35	0.0	9	13	5	12	n.	Adam F. Buerkle
Subiaco	Logan	1050	33	51.4	−1.6	85	18	23	27	42	4.19	+1.07	1.57	0.0	7	17	6	7	s.	New Subiaco Abbey
Texarkana	Miller	332	44	53.0	−2.4	82	19	24	27	39	6.70	+3.55	2.20	0.0	5	15	4	11	n.	H. S. Brashear
Thornburg	Perry	650	6	....	....	84ᵍ	18	16ᵍ	7	48ᵍ	....	....	....	T.	.	13ᵍ	3ᵍ	7ᵍ	....	Edward E. Holmes
Waldron	Scott	675	11	....	....	....	....	....	....	....	4.16	+0.32	1.56	0.0	5	14	5	11	nw.	Dr. Cheves Bevill
Warren	Bradley	206	36	51.4	−2.2	77	19	27	27	28	5.37	+1.40	2.20	0.0	10	13	9	8	ne.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	....	....	....	....	....	....	....	5.98	....	2.05	0.0	5	18	4	8	nw.	J. R. Huddleston
Whitecliffs	Little River	290	26	....	....	....	....	....	....	....	5.16	+2.22	1.78	0.0	5	15	1	14	se.	Nannie O. Schirmer
Wilson	Mississippi	237	5	49.3	....	82	18	22	28	37	1.95	....	0.55	0.0	8	16	4	10	e.	M. W. H. Collins
Winslow	Washington	1734	15	46.6	+0.5	77	18	19	27	39	5.94	+3.06	2.87	T.	8	17	7	6	s.	J. D. Black
Wynne	Cross	250	22	49.8	−2.0	80	18	25	1†	39	3.70	+0.05	1.20	0.0	4	13	5	12	n.	R. T. Cobbs
Yancopin	Desha	167	6	....	....	....	....	....	....	....	3.49	....	1.24	0.0	9	13	1	16	....	**W. E. Barton**
State Means	and Extremes			50.5	−1.1	87	18	16	6†	49	4.15	+0.50	4.23	T	7	16	4	10	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Freeman Springs, Simpson: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for November, 1930

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita											.07			.05	32	.26				1.13									.20	1.49		3.52
Arkadelphia	Ouachita			.11							.05				.07	.10	.58			03	.61		.05							.19	1.60		3.39
Arkansas City	Mississippi			.19							.15	.40	.04		.17	2.24	.22				.08	.22	.02								1.66		5.39
Arlberg	White		.17												.41	1.80				1.17										1.75			5.30
Batesville	White		.18	.06							.02	.10	.02		.01	.28	.48				.16	.04				T				.09	.98		2.42
Bee Branch	Arkansas		.30									T.		T.	.23	.20	.67			.10	.60									.92	.50		3.52
Bentonville ***	Arkansas		.13													.58				1.19	.07				T.				.21	2.05	.03		4.26
Black Rock	White		.21	.06								.20	.04			.13	1.25				.27	.17								.06	.84		3.26
Blytheville	Mississippi			.05							.03	.16	23	T.		.20	.34					.17				T.					.78		1.96
Booneville	Arkansas		.17								T.		T.		T.	.18	.52			.08	1.17								T	1.07	.11		3.30
Brinkley	White				.08							.31	.06		05	.39	.98				.06	.08									1.23		3.24
Calico Rock	White		.09									.06			.02	.10	1.31				.90					T.				.19	.57		3.24
Camden	Ouachita			.05								.63	.02		.15	.52	.42			.01	.56	.03		.02						.12	2.37		4.90
Center Point	Red		T.								.10				.53	.35	.08			T.	1.49									1.78	.85		5.18
Clarendon	White			.20								.34	.05	.01	04	.40	.50				.05	.06		T.		T.					1.28		2.93
Clinton	White		.26												.34	2.50				1.42										1.25	.26		6.03
Conway	Arkansas		.12									.16				.33	.23			.03	.97									.50			2.34
Corning	White		.25									.22	.12		.10		.88				.30										.67		2.54
Corning (river)	White																																
Cotter	White		.16									T.	T.			.11	1.08				1.44									.23	.78		3.80
Crossett	Ouachita			.02							T	T.	.25	T.	.15	1.70	.43			T.	.25	.14	.05								2.00		4.99
Danville	Arkansas		.46									T.					1.69				1.11									31	1.15		4.72
Dardanelle	Arkansas			20											T.	.16	2.04				1.15									.50	1.39		5.44
De Valls Bluff	White			.12								.12	.05		.01	.31	.65				.23	.10									1.18		2.77
Dumas	Mississippi			.11							.05	.15	.35		1.05	.12	.30				T.	.20	T.	T.						.17	1.41		3.91
Dutton	White		.25											T.	T.	T.	.22			27	2.40				T.				.02	2.41	.17		5.74
El Dorado	Ouachita			.04							T.	.35	.02		1.05	.90	.75				.19	.11		T.						.30	2.02		5.73
England	Arkansas		.26								T.	.11	.04		.32	.14	.21			.04	.25									.30	1.10		2.77
Eureka Springs	White		.14														.07			.05	1.44									1.27	.18		3.15
Fayetteville	White		.12													.01	.04			.02	1.06				T.				.02	1.05			2.32
Fort Smith ***	Arkansas		.10										.01		T.	.07				1.00	.01				T.				T.	1.57	.02		2.78
Freeman Sprgs	Arkansas														.13	.13	1.16			04	1.29									.43	1.60		4.78
Fulton	Red			T.							T	.02			.03	.94	1.57				1.95		.05							.68	2.09		7.33
Georgetown	White			.09							T.	.04			T.	.11	42				26										1.18		2.10
Gilbert	White		.18													.10	.83				.87					T.				.06	.41		2.45
Grannis	Red																			.21	1.25									3.40	.03		
Gravette	Arkansas		.12												.37	.20			04	1.32				T					T.	1.81	.31		4.17
Harrison	White		T.													.55				*	1.50							T.			1.00		3.05
Helena	Mississippi			.10						.05	.06	.20	.14	.02	.08	1.30	.92				.04	.34									1.06		4.31
Higden	White		.22										.05		.14	.20	67				1.14									.65	.64		3.71
Highland	Ouachita											.25			.45	.30				.05	1.30									2.10	.40		4.85
Hope	Red											.17			1.02	.90			T.		1.74									2.00	.57		6.40
Hot Springs	Ouachita		.35													.53				.93	.22									.25	.86		3.14
Index	Red		T	01							T.	.02			T.	.40	.90					1.25	.12							.66	1.55		4.91
Jessieville	Ouachita			.17													2.67				.19	1.35				T					1.45		5.83
Jonesboro	White			.17	.02						.02	.20	.09	02		.15	.96	T.			.08	.13				T.					.55		2.39
Junction	Ouachita									T.					1.63	.78					.62									2.05	.14		5.22
Lead Hill	White		.25								T.		T.		.02	.15	.94			.36	.65				T				T.	.80	.18		3.35
Little Rock ***	Arkansas		.24								.05	.07		T.	.11	.15				.42	.04				T					1.28	.02		2.38
Lurton	White		.17								.03			.01	.12	.77				.90	.55				T.					2.15			4.70
Lutherville	Arkansas		.20												.09	1.25			1.10	.19										1.62			4.45
Magnolia	Red											.50			1.24	.06	.23				.62									2.65			5.30
Malvern	Ouachita			.28								.08				.18	.28			.05	.58									.04	1.50		2.99
Mammoth Spg.	White		T.								T.		T.			.14	1.35				.38				T.						1.00		2.87
Marianna	Mississippi		.06								.59	.31	.04		.53	.04	.48				.22										.80		3.07
Marked Tree	Mississippi			.13								.27	.28	.02	.04	.42	.33				.04	.26									.80		2.59
Marshall	White		.23												.12	.21	1.65			.50	1.68									.90	.31		5.60
Mena	Ouachita										T	T.		T.	.02	.14	1.75			.17	1.25									.43	1.66		5.42
Morrillton	Arkansas		T												T.	.24	1.16			T.	.55									.30	.60		2.85
Mountain Home	White		.18									T.		T.	.12	1.05				.25	1.52									.80	.28		4.20
Mount Ida	Ouachita		.26												.54	3.24	.21			.09	1.48									3.13	.25		9.20
Newport	White			.27								.17	.03			.09	.34				.18	.11									.77		1.96
Norman	Ouachita		.10								T.	.12			.25	4.23					1.80									2.85			9.35
Oden	Ouachita		T.												.10	2.05				.27	1.70									1.85			5.97
Okay	Red											T.			T.	1.02	T.				1.55		.04							1.91	.62		5.14
Osceola	Mississippi			.09							.11	T.	.45			.28		.29				.22				T.					.65		2.09
Ozark	Arkansas		.38														.26				1.18									1.60	1.25		4.67
Paragould	Mississippi		.25							.05	.09	.20			.06	1.20					35				T.					.56			2.76
Patterson	White											.28	.07			.22	1.11				.21										1.02		2.91
Piggott	Mississippi		.23									.25	.03		.05	.15	1.15				.25				T.					.05	.48		2.64
Pine Bluff	Arkansas			.15								.15	.02	T.	T.	.65	.70				.40	.15		T.						.03	1.58		3.83
Pocahontas	White		.28									.20			.10		.90				.29									68			2.45
Portland	Ouachita			.03							.14	.39			.36	.92	.55				.50	.15	.04								1.92		5.00
Prescott	Ouachita		T.								T.				.19	.98	.97			.81			T.							.48	1.96		5.39
Princeton	Ouachita															.28	.85												.30	2.28	.18		3.89
Rison	Ouachita			.15							T.					.95	.88				.23	.24								.10	1.65		4.20
Rogers	White			.20												.02				.03	1.59				T.					1.54	.19		3.57
St. Charles	White		.10								.11	.35	.02		.78	.11				.35										.19	1.10		3.11
St. Francis	St. Francis			.12								.48	.18	T.	T.	.14	1.42				.12	T.								T.	.54		3.00
Searcy	White			.20								.25	.02		.09	.16	.42				.20										.95		2.29
Springbank	Red			T.								T.	T.		.10	1.10	.08				1.85		.05	T						.72	2.58		6.48
Story	Ouachita			.18											.11	4.02				.82	.70									.78	.92		7.53
Stuttgart	Arkansas			.16								.37	.03	.04		.69	.87			.55	.10										1.35		4.16
Subiaco	Arkansas		.22												.02	.35	.28			.65	1.10									1.57			4.19
Texarkana	Red															.61	2.02				1.72									.15	2.20		6.70
Thornburg	Arkansas		.26									.10		T	.08	.35	1.61			.12	.84				T.								
Waldron	Arkansas		.37									.03				1.32					.88									1.56			4.16
Warren	Ouachita			.10							T.	.35	.05	T.	.35	.94	1.00			.05	.13	.20		T.							2.20		5.37
Waters	Ouachita														.10	2.05				.27	1.70										1.86		5.98
Whitecliffs	Red										T.	T.				.67	.22				1.78		T.							.86	1.63		5.16
Wilson	Mississippi			.12							.08	.32		.15		.02	.54					.17									.55		1.95
Winslow	Arkansas		T.											T.	.08	.08	.14			.03	2.87				T.				.02	2.46	.26		5.94
Wynne	Mississippi											.60					1.00					.90									1.20		3.70
Yancopin	Arkansas			.10							.20	.26	.03			1.05	.13				.34	.14									1.24		3.49

Daily River Stages for November, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.6	4.3	4.3	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.3	3.4	3.9	3.7	3.9	3.9	4.6	4.4	5.1	6.8	7.0	6.8	6.8	6.4	6.4	
Ozark	do	22	1.1	0.8	0.7	0.5	0.5	0.4	0.3	0.3	0.2	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	0.5	0.2	0.2	1.0	1.1	1.6	3.2	3.8	3.2	3.1	3.7	
Dardanelle	do	20	4.6	4.4	4.5	4.2	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.4	3.4	3.4	3.9	3.6	3.6	3.5	4.6	5.4	5.2	5.9	4.8	4.7	5.0	6.1	6.1	6.0	7.9	
Morrillton	do	20	1.1	1.0	1.0	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.1	0.0	0.0	-0.1	0.1	0.9	0.8	0.6	0.5	2.0	2.2	1.9	1.5	1.4	1.2	2.0	2.7	2.5	3.0	
Little Rock	do	23	0.6	0.5	0.3	0.1	-0.1	-0.2	-0.4	-0.5	-0.6	-0.6	-0.7	-0.8	-0.8	-0.9	-0.9	-0.9	-0.2	1.1	0.7	0.5	0.6	2.5	2.8	2.2	1.5	1.2	1.0	1.8	2.6	2.7	
Pine Bluff	do	25	6.5	6.3	6.1	5.9	5.6	5.5	5.4	5.2	5.1	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.8	5.1	6.0	5.9	5.5	5.6	6.8	8.1	7.7	7.1	6.8	6.8	7.1	7.8	
Yancopin	do	29	7.5	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.0	6.0	6.0	6.7	7.5	7.1	6.8	7.9	9.6	9.4	8.9	8.3	7.9	8.4	
Danville	Petit Jean	20	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.2	1.1	6.3	3.6	2.4	1.8	6.1	11.5	9.4	7.3	4.1	3.7	3.4	3.1	2.9	8.8	8.9	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.3	3.2	3.0	2.8	2.7	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.6	2.6	2.8	2.8	3.1	2.9	2.5	3.8	4.1	3.4	3.6	4.2	4.5	4.4	4.0	3.9	3.3	3.8	
Calico Rock	do	18	1.5	1.4	1.5	1.2	1.3	1.1	0.7	0.5	0.6	0.6	1.0	1.1	0.6	0.7	0.7	0.8	1.7	2.0	1.2	2.9	5.5	4.4	3.2	3.2	3.2	2.9	2.7	2.2	2.0	1.7	
Batesville	do	23	6.8	6.3	6.2	6.2	5.9	5.9	5.7	5.4	5.3	5.3	5.3	5.5	5.3	5.2	5.4	6.7	6.7	6.8	6.8	6.3	11.6	10.9	9.3	8.5	8.5	8.3	7.9	7.8	7.4	7.3	
Newport	do	26	3.4	3.0	2.7	2.5	2.4	2.3	2.3	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.7	2.2	3.2	4.0	3.7	3.2	2.9	6.8	6.4	5.4	4.8	4.7	4.5	4.0	3.6	3.5	
Georgetown	do	22	6.2	5.4	5.0	4.5	4.0	3.7	3.4	3.2	3.0	2.9	2.6	2.4	2.3	2.2	2.1	2.1	2.3	4.8	6.2	6.3	6.1	7.8	9.6	10.0	9.3	8.4	7.7	7.2	6.8	6.4	
De Valls Bluff	do	24	11.1	10.4	9.8	9.1	8.5	8.2	7.8	7.5	7.2	7.0	6.8	6.6	6.4	6.3	6.2	6.2	6.1	6.3	8.4	9.9	10.1	10.0	11.6	13.0	13.3	12.9	12.3	11.8	11.3	10.9	
Clarendon	do	30	13.9	13.4	12.8	12.2	11.7	11.2	10.8	10.5	10.3	10.1	9.8	9.7	9.4	9.2	9.2	9.2	9.1	9.0	9.9	11.5	12.3	12.4	13.1	14.4	15.1	15.3	15.0	14.7	14.2	13.9	
Gilbert	Buffalo	30	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.2	5.6	5.2	4.9	4.4	4.2	4.0	3.8	3.7	3.5	5.0	
Black Rock	Black	14	3.1	3.0	3.0	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4	3.1	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	3.2	
Camden	Ouachita	30	5.4	5.4	5.4	5.4	4.3	4.2	4.2	4.1	4.2	4.2	4.1	4.2	4.2	4.2	4.4	4.1	3.8	8.0	11.5	11.3	10.3	12.8	14.2	16.1	13.8	11.5	10.1	9.0	7.8	7.1	
Fulton	Red	28	8.7	9.2	8.8	8.0	7.6	7.2	6.8	6.6	6.4	6.3	6.2	6.1	6.0	5.9	6.0	6.0	5.9	6.6	7.3	7.0	6.9	7.9	8.5	8.1	7.3	6.8	6.6	6.4	6.3	8.0	
Helena	Mississippi	44	1.8	1.7	1.6	1.4	1.2	1.0	0.8	0.7	0.7	0.7	0.9	0.9	0.8	0.6	0.6	1.0	1.4	1.2	0.9	1.1	1.3	1.4	1.5	1.8	2.5	2.7	2.9	2.9	2.6	2.9	
Arkansas City	do	48	3.9	3.8	3.7	3.5	3.4	3.1	2.8	2.6	2.3	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.9	2.2	2.3	2.1	2.3	2.7	3.0	3.1	3.5	4.2	5.0	5.1	5.2	5.1	

Daily Temperatures for November, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	60	57	65	68	64	54	61	68	67	56	59	63	61	65	67	62	73	79	73	65	57	56	63	44	61	47	60	53	55	49		61.1
	Minimum	31	33	42	36	37	32	30	32	33	44	48	53	56	56	50	46	48	43	43	48	37	38	31	32	25	26	23	24	30	45		38.4
Bentonville	Maximum	60	67	62	67	53	51	57	65	67	64	60	69	61	67	67	56	70	78	72	56	52	52	57	38	56	34	44	45	57	54		58.7
	Minimum	33	41	34	33	33	26	27	28	37	37	39	40	49	53	52	38	41	48	50	39	32	29	30	28	26	24	25	25	43	33		35.9
Bee Branch	Maximum	54	59	62	64	61	55	57	63	61	60	61	63	61	61	63	66	65	77	72	71	60	55	55	54	56	55	52	48	52	53		60.6
	Minimum	26	38	38	34	40	29	29	30	33	47	57	32	48	55	55	45	42	41	58	48	33	37	31	37	26	29	25	26	39	44		38.4
Blytheville	Maximum	55	58	55	53	60	58	63	68	62	60	62	63	69	67	78	68	73	80	80	74	58	57	63	51	52	57	45	46	56	59		61.7
	Minimum	31	43	39	39	36	31	32	39	38	49	55	55	54	60	60	58	51	51	59	56	46	38	34	38	27	29	28	26	35	45		42.7
Booneville	Maximum	65	71	69	70	65	56	58	68	68	61	64	61	67	68	68	63	76	84	74	73	60	59	64	57	64	57	56	49	57	57		64.1
	Minimum	34	44	34	32	34	31	28	28	35	45	48	50	50	57	49	41	45	44	61	48	34	33	28	38	23	29	20	28	41	42		38.8
Brinkley	Maximum	60	52	66	64	64	56	62	67	55	60	60	61	63	63	69	68	75	85	75	74	60	56	62	56	61	57	54	52	54	57		62.3
	Minimum	23	32	32	39	35	28	26	27	38	[illegible]	55	56	56	58	57	52	45	46	58	50	42	40	26	39	24	31	24	25	39	47		40.0
Calico Rock §§	Maximum	58	70	65	68	60	52	59	67	66	57	60	70	61	63	66	63	73	82	73	67	58	57	67	42	64	49	51	45	56	50		61.0
	Minimum	25	32	32	32	32	23	21	22	25	30	50	52	53	53	52	49	41	37	37	52	34	29	26	27	21	22	28	20	25	42		34.1
Camden §§	Maximum	61	55	69	67	67	57	62	68	63	57	62	63	61	71	71	65	77	78	80	66	62	58	61	51	62	49	60	62	59	56		63.3
	Minimum	30	31	33	32	32	33	28	29	32	42	51	55	57	57	48	46	47	45	46	49	40	40	32	36	25	27	22	23	28	49		38.2
Center Point	Maximum	60	62	71	70	69	61	60	67	65	57	61	65	62	71	68	67	74	73	75	76	60	58	60	55	61	57	56	52	56	57		63.5
	Minimum	36	44	43	42	43	35	33	42	48	48	53	56	55	56	54	47	48	51	60	48	35	42	33	37	27	31	26	31	47	43		43.3
Conway	Maximum	58	62	65	65	64	57	59	65	62	60	61	65	64	65	67	69	73	81	73	75	62	57	61	56	64	57	56	49	52	57		62.7
	Minimum	28	38	37	34	38	31	25	29	34	50	53	56	50	55	56	55	45	43	59	49	39	35	29	32	24	26	23	26	41	47		39.6
Corning	Maximum	56	58	66	63	63	58	61	66	58	58	58	62	63	63	65	65	73	81	74	72	56	56	61	55	52	53	47	43	51	55		61.4
	Minimum	20	30	30	32	28	23	22	24	31	47	51	52	45	54	54	50	45	32	50	49	35	30	38	32	24	25	22	18	30	40		[illegible]
Dardanelle	Maximum	63	69	69	70	69	57	60	67	66	60	64	68	63	65	69	65	75	84	73	74	59	57	64	55	63	59	56	51	55	55		64.1
	Minimum	29	43	37	34	37	31	26	28	34	44	51	56	53	57	53	46	45	45	58	50	28	36	31	39	25	31	24	29	41	47		39.9
Dumas	Maximum	59	60	67	61	64	54	64	69	60	57	62	61	66	68	70	70	76	84	78	76	62	56	66	53	61	61	52	58	56	62		63.8
	Minimum	26	40	34	37	34	32	27	31	47	50	51	57	56	59	52	70	48	50	63	50	48	45	32	[illegible]	27	34	25	30	43	46		42.1
Dutton	Maximum	55	65	61	65	56	56	59	62	66	66	66	70	61	60	61	58	65	77	70	67	54	52	56	52	58	51	47	42	52	59		59.5
	Minimum	25	32	24	24	27	16	19	23	25	28	32	39	42	50	58	34	51	36	60	41	27	21	20	25	16	19	17	16	35	35		30.8
El Dorado	Maximum	62	58	69	66	69	62	62	67	59	56	62	62	62	76	74	70	78	79	82	78	63	58	62	56	60	56	60	65	59	59		65.1
	Minimum	34	37	40	38	40	36	30	35	45	46	54	58	57	55	56	52	52	54	62	49	47	47	26	40	[illegible]	28	26	34	50	46		41.1
Eureka Springs	Maximum	64	71	66	69	58	53	62	68	71	62	58	71	67	65	67	60	71	80	79	67	55	56	59	55	56	51	48	47	55	55		62.3
	Minimum	35	43	36	36	40	24	26	31	44	36	39	45	50	51	55	58	45	53	63	45	31	28	31	52	26	22	26	24	42	38		38.0
Fayetteville	Maximum	59	66	63	67	59	53	54	66	69	66	62	70	66	77	67	65	71	79	74	70	52	51	46	38	56	53	47	48	56	55		60.5
	Minimum	32	43	31	30	35	25	22	27	32	31	39	58	51	53	51	37	42	51	65	45	30	27	32	34	26	24	22	23	44	37		36.1
Fort Smith	Maximum	65	68	67	67	60	52	55	65	66	61	65	69	69	68	68	60	75	84	75	62	56	55	66	45	59	41	51	44	58	55		61.6
	Minimum	36	45	42	38	41	32	33	34	40	46	48	55	51	57	55	42	48	49	51	43	36	28	33	32	27	31	25	32	39	41		40.8
Gravette	Maximum	59	65	61	64	61	51	56	66	66	62	67	65	67	69	59	68	77	75	68	50	49	56	53	55	53	41	46	48	57	51		59.7
	Minimum	35	40	30	34	35	25	26	26	38	39	37	47	53	52	35	42	49	53	45	29	24	27	32	22	23	24	27	30	41	35		35.1
Helena	Maximum	58	50	63	63	64	54	62	67	54	56	61	61	65	66	70	73	77	83	81	78	61	57	64	58	60	60	54	53	59	59		63.0
	Minimum	25	38	34	34	36	27	30	38	49	50	55	55	55	59	55	53	52	56	59	50	46	41	30	40	24	22	21	30	34	31		[illegible]
Hope	Maximum	67	63	74	74	74	59	64	72	70	59	61	65	64	75	68	65	72	75	78	76	70	68	71	56	65	58	67	67	58	57		67.2
	Minimum	31	37	37	31	37	34	30	31	40	45	55	56	54	55	57	49	47	51	59	48	35	40	33	37	28	33	21	20	47	45		41.4
Hot Springs	Maximum	58	55	55	64	63	54	58	63	62	57	63	63	62	66	65	60	65	74	71	66	58	55	59	46	48	54	51	49	51	50		58.9
	Minimum	34	41	41	38	37	37	34	36	41	41	56	58	55	58	55	46	46	50	58	54	39	47	35	43	22	28	29	34	38	41		[illegible]
Jonesboro	Maximum	58	56	64	63	62	54	59	67	57	58	59	60	63	65	67	67	70	83	73	72	50	55	62	50	51	54	50	46	53	50		[illegible]
	Minimum	25	40	38	35	39	31	32	33	41	50	55	55	49	58	59	53	47	40	54	51	41	38	36	41	27	29	28	24	37	42		41.0
Lead Hill	Maximum	62	69	64	67	58	52	59	66	67	55	61	71	64	64	69	63	73	81	72	71	59	55	61	55	59	55	46	42	54	55		61.7
	Minimum	23	36	29	27	30	19	19	20	25	36	46	52	44	55	43	43	52	55	47	48	33	25	25	34	21	25	22	18	[illegible]	36		[illegible]
Little Rock	Maximum	56	54	62	61	61	50	58	64	59	58	60	62	61	63	69	63	72	82	75	64	57	54	61	49	60	48	56	[illegible]	55	56		60.1
	Minimum	35	42	41	39	44	34	33	37	43	49	53	56	57	57	56	48	48	49	62	50	42	42	38	33	28	24	27	30	45	40		45.1
Lutherville	Maximum	59	59	65	65	62	54	59	65	66	64	65	69	61	62	65	62	75	80	72	71	58	58	46	54	56	53	52	49	53	54		61.4
	Minimum	32	39	39	37	43	29	30	35	30	46	55	52	53	54	56	44	45	47	62	48	34	36	32	34	25	27	21	22	39	44		38.8
Magnolia	Maximum	64	67	69	70	68	65	59	62	63	58	61	62	62	72	72	68	80	79	82	79	60	57	63	..	62	58	62	64	60	59		65.8
	Minimum	36	33	31	36	37	36	52	36	47	51	54	57	57	58	57	50	50	55	66	49	41	45	33	..	27	35	24	25	47	45		43.1
Malvern	Maximum	60	56	70	69	68	59	62	68	66	59	61	64	63	68	69	70	75	81	74	75	63	59	63	55	61	57	61	55	56	56		64.1
	Minimum	29	35	34	34	34	32	30	31	37	56	54	57	57	57	52	45	46	40	58	49	34	39	29	39	24	33	21	20	47	48		39.9
Mammoth Springs	Maximum	60	68	65	65	60	59	59	64	65	59	58	66	65	62	61	66	72	82	74	63	60	59	51	47	40	40	47	42	50	46		59.4
	Minimum	23	40	28	34	34	25	24	26	28	46	50	53	45	56	52	50	45	56	56	54	32	29	28	25	25	24	27	22	37	30		37.1
Marianna	Maximum	54	60	61	58	60	54	59	63	60	60	59	65	65	64	71	76	76	85	79	76	61	55	62	62	59	57	50	50	54	60		62.5
	Minimum	25	35	35	38	37	30	20	29	41	40	56	56	57	60	57	56	50	55	64	50	48	45	31	51	26	[illegible]	26	[illegible]	[illegible]	[illegible]		41.5
Marshall	Maximum	51	60	65	63	59	52	50	64	62	61	56	66	59	62	63	73	71	73	72	65	62	51	54	50	54	54	48	41	52	52		59.3
	Minimum	29	41	30	29	32	21	29	21	28	45	48	51	51	54	51	47	45	47	67	48	34	28	26	33	23	29	28	21	[illegible]	41		37.1
Mena	Maximum	63	63	65	67	62	55	53	65	65	53	61	63	65	67	62	62	70	78	73	61	55	53	58	55	55	52	57	48	46	54		60.1
	Minimum	30	41	39	37	40	33	31	32	39	42	51	55	55	55	52	43	46	45	55	43	33	37	28	35	26	28	24	30	45	39		39.6
Mount Ida	Maximum	60	65	69	68	68	56	60	66	66	55	60	63	62	70	64	65	75	79	72	73	58	58	63	55	62	56	60	51	56	56		63.0
	Minimum	24	31	30	27	31	23	18	22	30	35	50	55	55	55	46	40	41	35	50	42	30	30	23	27	19	30	17	20	44	43		34.0
Newport	Maximum	59	60	65	69	62	54	62	67	58	59	59	61	66	65	68	67	73	82	73	74	57	56	61	49	57	56	52	47	54	56		61.5
	Minimum	26	38	39	38	37	29	27	29	37	50	51	55	50	57	62	57	45	45	54	52	40	37	28	37	28	30	28	23	35	44		40.2
Pine Bluff	Maximum	62	53	66	61	65	54	54	69	59	56	60	61	61	67	69	65	77	87	76	76	62	56	64	50	63	55	59	58	58	57		62.7
	Minimum	31	38	40	40	40	34	33	34	44	51	55	57	57	58	52	52	49	51	62	50	44	42	33	39	29	35	25	31	44	44		43.1
Pocahontas	Maximum	55	59	66	63	61	62	60	65	65	60	59	65	64	63	65	68	72	81	73	72	58	65	62	55	57	57	49	46	52	55		61.7
	Minimum	23	33	36	34	34	28	30	35	35	50	53	55	50	56	55	50	48	42	54	50	37	35	26	35	25	27	27	22	35	42		38.7
Portland	Maximum	55	54	65	62	68	60	62	64	59	59	62	61	65	72	72	76	80	81	81	77	59	58	58	58	51	51	54	54	60	60		63.3
	Minimum	26	30	36	36	34	35	28	36	51	53	56	58	57	60	53	49	49	52	63	52	50	46	35	41	26	38	24	30	43	49		43.2
Prescott	Maximum	59	62	64	65	69	62	60	68	70	65	67	66	67	67	69	71	70	72	78	71	68	63	60	58	62	53	61	62	60	55		64.8
	Minimum	30	33	39	36	31	34	29	33	36	39	45	48	54	56	54	44	41	40	49	43	35	41	37	34	25	30	21	28	30	41		38.2
Rison	Maximum	61	58	67	64	66	62	64	70	67	60	62	61	62	70	70	69	78	84	81	78	63	58	63	61	61	59	59	60	58	58		65.1
	Minimum	30	36	39	38	40	33	28	30	41	51	54	58	56	57	53	51	49	58	64	48	43	42	31	39	26	34	25	31	46	48		42.7
Searcy	Maximum	57	58	64	65	62	55	59	66	56	59	62	63	61	63	66	68	72	81	71	65	57	56	63	53	62	55	54	50	53	55		61.0
	Minimum	25	33	33	35	36	30	25	28	35	50	53	56	47	56	55	49	42	40	54	51	36	37	27	35	25	30	26	25	38	46		38.7
Stuttgart	Maximum	60	52	65	62	64	58	61	66	59	67	61	61	62	65	68	70	75	86	76	76	60	54	62	56	61	56	57	52	56	57		62.8
	Minimum	36	35	38	38	27	26	32	41	50	53	56	55	57	53	50	48	50	62	53	45	40	31	40	26	32	24	28	42	47	32		41.6
Texarkana	Maximum	63	61	74	73	72	60	63	64	68	58	65	63	63	73	71	68	80	76	82	72	63	58	65	53	63	51	63	65	59	58		65.8
	Minimum	34	39	37	35	36	34	29	32	41	42	52	52	53	54	54	45	48	48	63	45	34	39	30	31	25	31	24	30	45	41		40.2
Thornburg	Maximum	59	66	66	70	66	55	60	70	66	57	58	65	65	65	66	73	75	84	76	77	62	56	66	..	..	..	..	..	..	..		....
	Minimum	24	42	30	27	31	21	16	22	28	47	52	55	55	55	50	41	41	41	62	47	36	30	25	..	..	..	..	..	..	..		....
Warren	Maximum	52	51	58	57	57	56	56	60	59	57	59	60	61	66	68	67	71	76	77	76	57	56	51	51	56	55	52	55	56	57		59.6
	Minimum	30	35	35	36	39	33	28	35	46	51	53	57	55	58	52	52	53	54	64	49	46	45	35	40	28	36	27	30	46	45		43.1
Wilson	Maximum	56	50	58	55	60	54	62	65	55	58	60	60	65	65	62	66	75	82	76	73	59	53	61	52	53	54	48	45	51	60		59.9
	Minimum	23	35	38	33	30	27	25	28	38	50	51	53	54	51	38	51	49	51	60	50	46	37	33	37	27	29	25	22	35	34		38.7
Wynne	Maximum	55	56	58	60	60	50	61	65	53	55	60	61	62	64	72	70	73	80	74	72	55	52	60	45	64	55	50	48	50	35		59.8
	Minimum	25	36	39	32	35	28	30	37	40	40	48	55	51	58	53	36	49	53	62	50	41	42	31	38	25	30	28	28	38	45		39.8

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. .12-20-30-980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXV LITTLE ROCK, ARK., DECEMBER, 1930 No. 12

GENERAL SUMMARY

Although the mean temperature for December was 1.9° below normal, no extremely cold weather was experienced during the month, and the extremes were well within the limits of previous years. Temperatures were uniformly above normal from the 7th to the 13th and averaged near or somewhat above for the first week of the month but were generally below normal the latter half with minima occurring about the 17th or 22d. The highest occurred at most stations on the 9th and at nearly all others during the second week of the month.

Rain was general over the State from the 3d to the 5th and on the 25th or 26th with light precipitation reported at most stations either the 10th or 11th. From the 15th to the 18th precipitation fell in the form of snow at many stations and again at a few stations on the 27th or 28th with 13 reporting a trace for the month and 34 others a measureable amount, the average of which was 2.3 inches. The greatest total snowfall reported was 6.4 inches at Bentonville in the northwestern part of the State while three other stations reported over 5 inches. Sleet fell at some stations on the 15th and 27th but no glaze was reported. The heaviest precipitation occurred in the southern and eastern sections of the State with two stations reporting over 5.00 inches and seven others over 4.00 inches; the least in the upper watershed of the Ouachita River and in the Ozarks and west-central portion of the State with two stations reporting less than 1.00 inch and 27 others less than 2.00 inches.

The mean temperature for the State, as determined by the records of 63 stations, was 40.6° which is a departure of 1.9° below normal. Monthly means ranged from 35.0° at Dutton to 47.2° at Hope with all stations except seven, located principally in the northwestern part of the State, showing negative departures. The highest temperature recorded was 83° at Hope on the 11th, the lowest 9° at Dutton on the 22d, 23d, and 27th. The greatest daily range was 46° at Hope on the 8th.

The average precipitation, based on the reports of 91 stations, was 2.58 inches which is 1.47 inches below normal. Of the 65 stations with records of 10 years or more only 9 reported positive departures; all others negative. Monthly totals ranged from 0.95 inch at Mammoth Spring to 5.31 inches at Warren. The greatest amount measured in any 24-hour period was 2.55 inches at Fort Smith on the 4th and 5th. The average number of days with 0.01 inch or more precipitation was 6.

T.A.M.

MISCELLANEOUS PHENOMENA
(Dates and number of stations reporting)

THUNDERSTORMS:--None.

SOLAR HALOS:-----9th, 2; 21st, 2; 24th, 1; 30th, 4; 31st. 1.

LUNAR HALOS:----29th, 1; 30th, 2; 31st, 2.

DENSE FOGS:-------1st, 1; 8th, 1; 9th, 1; 10th, 1; 11th, 6; 13th, 3; 14th, 1; 18th 1; 19th, 16; 20th, 1; 25th, 3.

SLEET:---------------15th, 6; 16th, 1; 17th, 1; 18th, 2; 27th, 3.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	30.16	30.51	16	29.83	5	2,922	16	s.	24	......	......	67
Fort Smith	30.16	30.49	16	29.81	4	4,643	23	e.	14	85	65	59
Little Rock	30.17	30.51	16	29.73	5	5,125	24	ne.	5	77	57	51
Memphis	30.16	30.48	16	29.69	5	5,136	24	nw.	23	80	65	49

COMPARATIVE DATA FOR DECEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**42.5**		**88**		**-21**		**4.05**		**12**	**6**	**13**	**7**
1891	46.9	+4.4	72	5	13	26	4.69	+0.64	14	7	10	7
1892	40.9	−1.6	83	3	−10	26	8.79	+4.74	7	6	18	10
1893	45.4	+2.9	79	25	3	4	1.83	−2.22	14	8	9	5
1894	44.6	+2.1	82	8	−11	27	3.48	−0.57	14	6	11	6
1895	43.8	+1.3	78	18	5	3	3.96	−0.09	13	6	12	7
1896	45.8	+3.3	81	10	8	1	0.84	−3.21	8	7	16	8
1897	40.3	−2.2	81	9	10	4	6.00	+1.95	10	5	16	8
1898	39.5	−3.0	76	29	− 4	14	1.87	−2.18	16	6	9	5
1899	41.0	−1.5	74	1	8	15	4.08	+0.03	15	7	9	7
1900	44.9	+2.4	82	17	10	31	2.76	−1.29	16	6	9	5
1901	38.5	−4.0	87	24	− 6	15	4.42	+0.37	12	6	13	6
1902	40.8	−1.7	75	3	5	26	5.71	+1.66	10	6	15	8
1903	39.7	−2.8	74	22	6	26	3.44	−0.61	18	5	8	6
1904	42.9	+0.4	80	2	3	29	5.10	+1.05	12	7	12	7
1905	38.5	−4.0	69	8	7	4	4.96	+0.91	14	5	12	9
1906	46.5	+4.0	83	3	10	23	5.64	+1.59	8	7	16	8
1907	44.4	+1.9	85	28	11	11	2.70	−1.35	12	6	13	7
1908	46.0	+3.5	82	15	11	2	1.50	−2.55	13	7	11	5
1909	35.3	−7.2	82	4	1	9	5.26	+1.21	14	6	11	9
1910	40.8	−1.7	75	28	9	7	3.57	−0.48	13	6	12	6
1911	43.0	+0.5	78	10	3	31	7.00	+2.95	10	7	14	12
1912	41.7	−0.8	76	19	8	9	2.63	−1.42	14	7	10	7
1913	43.6	+1.1	77	1	14	26	3.26	−0.79	7	7	17	9
1914	36.1	−6.4	70	2	−11	15	6.26	+2.21	8	4	19	12
1915	43.9	+1.4	78	21	11	16	4.73	+0.68	12	4	15	7
1916	42.1	−0.4	82	4	−16	15	3.35	−0.70	14	6	11	6
1917	34.8	−7.7	81	3	−21	9	1.29	−2.76	13	6	12	3
1918	47.6	+5.1	88	10	9	26	5.62	+1.57	14	5	12	7
1919	40.4	−2.1	78	31	1	10	1.94	−2.11	13	4	14	5
1920	43.2	+0.7	74	31	6	28	5.95	+1.90	13	5	13	8
1921	47.1	+4.6	82	13	11	25	2.78	−1.27	13	6	12	6
1922	47.8	+5.3	86	5	12	18	4.59	+0.54	12	5	14	9
1923	49.1	+6.6	80	8	9	31	6.24	+2.19	9	5	17	13
1924	41.4	−1.1	86	14	− 8	25	3.65	−0.40	14	5	12	6
1925	40.2	−2.3	81	8	− 6	28	1.71	−2.34	15	5	11	3
1926	43.3	+0.8	79	4	− 3	26	7.15	+3.10	11	4	16	10
1927	40.9	−1.6	84	13	− 2	31	4.15	+0.13	14	5	12	6
1928	43.4	+0.9	87	28	10	20	4.41	+0.36	18	5	8	6
1929	44.4	+1.9	82	12	− 5	20	3.84	−0.21	13	5	13	8
1930	40.6	−1.9	83	11	9	22†	2.58	−1.47	15	5	11	6

Climatological Data for December, 1930

				Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days					
Stations	Counties	Elevation, feet	Length of record years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	35	40.6	-2.2	69	9	20	27	38	2.24	-2.17	1.17	0.0	6	8	18	5	nw.	J. W. Campbell
Arkadelphia	Clark	250	34	....	....	....	....	....	....	....	2.91	-1.93	1.37	0.0	3	16	3	12	n.	W. K. Bown
Arkansas City	Desha	145	46	....	....	....	....	....	....	....	3.35	-1.53	1.42	0.0	6	15	4	12	....	Herbert Neff
Arlberg	Stone	700	8	....	....	....	....	....	....	....	1.11	....	0.53	3.3	5	14	8	9	ne.	J. D. Reeves
Batesville	Independence	277	31	35.8	-4.8	67	9	13	22†	41	1.96	-1.95	1.09	0.7	7	16	2	13	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	760	38	39.8	-2.4	64	11	18	17†	29	1.50	-2.45	1.00	1.0	4	16	5	10	n.	J. E. Scanlan
Bentonville	Benton	1303	25	37.6	+0.1	63	9	17	17	29	2.58	-0.18	1.69	6.4	9	19	6	6	nw.	U. S. Weather Burea
Black Rock	Lawrence	259	28	....	....	....	....	....	....	....	2.08	-1.67	1.10	1.0	6	17	3	11	....	Vernon C. Howe
Blytheville	Mississippi	252	5	41.8	....	67	9	20	22	30	2.82	....	0.86	5.5	10	15	4	12	sw.	Charles Philips, Jr.
Booneville	Logan	465	16	41.6	-1.9	67	9	17	27	39	1.61	-1.20	1.36	0.0	5	17	5	9	w.	F. H. Randolph
Brinkley	Monroe	205	43	41.1	-2.3	67	9	19	22†	37	3.35	-1.59	1.56	0.0	7	16	2	13	ne.	R. J. Torry
Calico Rock	Izard	361	26	37.9	-2.5	72	9	15	22	44	1.52	-1.47	0.85	3.0	9	14	7	10	nw.	W. J. Copp
Camden	Ouachita	158	45	41.5	-3.6	68	9	20	17†	38	4.84	+0.17	2.50	0.0	8	13	5	13	n.	A. B. Quarterman
Center Point	Howard	479	31	44.1	-0.5	68	11	21	22	30	2.56	-1.69	1.10	0.0	6	14	8	9	nw.	John C. Floyd
Clarendon	Monroe	200	26	....	....	....	....	....	....	....	3.51	-1.47	1.56	0.0	9	15	1	15	sw.	J. W. Bishop
Clinton	Van Buren	516	9	....	....	....	....	....	....	....	1.30	....	0.85	0.0	5	18	5	8	nw.	A. L. Stephens
Conway	Faulkner	309	47	40.7	-1.5	65	9	20	17†	34	1.26	-2.88	0.60	T.	5	17	7	7	w.	E. E. Cordrey
Corning	Clay	293	37	37.6	-1.8	66	9	13	22	38	2.25	-1.70	0.94	2.5	6	16	3	12	w.	Winfred D. Polk
Corning (river)	Clay	280	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Henry Stafford
Cotter	Baxter	408	3	....	....	....	....	....	....	....	1.39	....	0.84	2.0	6	18	2	11	n.	O. B. McSpadden
Crossett	Ashley	175	15	42.4	-4.3	69	9	20	17†	37	3.88	-0.17	1.77	0.0	5	14	4	13	ne.	G. A. Gifford
Danville	Yell	327	14	....	....	....	....	....	....	....	0.99	-1.97	0.81	0.0	2	17	2	12	n.	C. G. Hudson
Dardanelle	Yell	330	44	42.0	-0.2	67	11	19	27	34	1.82	-1.38	1.50	0.0	6	13	8	10	n.	Geo. N. Goodier
De Valls Bluff	Prairie	153	3	....	....	....	....	....	....	....	3.63	....	1.90	0.0	8	16	3	12	....	H. G. Pate
Dumas	Desha	162	24	42.4	-5.0	67	2	21	17	36	4.00	-1.36	1.70	T.	7	13	5	13	n.	Ben Johnson
Dutton	Madison	1590	27	35.0	-2.4	62	9	9	22†	41	2.03	-1.40	1.20	0.5	5	15	9	7	n.	J. M. Ricketts
El Dorado	Union	270	29	45.0	-1.0	67	9	22	17	32	5.09	+0.43	2.28	0.0	11	12	3	16	nw.	J. J. Babb
England	Lonoke	229	23	41.6^{a}	-1.6	68^{a}	9	20^{a}	17	35^{a}	2.93	-1.79	1.25	0.0	8	16^{a}	3^{a}	11^{a}	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	30	39.6	+0.4	64	9	17	16†	34	3.05	+0.03	1.68	5.3	7	15	8	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	43	38.7	-1.2	62	9	20	16†	31	2.81	+0.20	1.53	3.1	9	17	5	9	w.	University of Arkansa
Fort Smith	Sebastian	457	49	42.0	-0.1	64	11	24	27	28	2.70	-0.06	2.55	T.	5	12	11	8	e.	U. S. Weather Burea
Freeman Springs ‡‡	Pope	2240	6	....	....	....	....	....	....	....	1.22	....	1.03	0.9	5	19	6	6	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	44	....	....	....	....	....	....	....	3.03	-1.28	1.22	0.0	6	16	1	14	....	T. J. Logan
Georgetown	White	200	18	....	....	....	....	....	....	....	2.69	-1.58	1.23	0.0	5	16	2	13	....	W. R. Owens
Gilbert	Searcy	675	7	....	....	....	....	....	....	....	1.45	....	0.60	5.6	7	13	9	9	....	Ben F. Battenfield
Grannis	Polk	900	11	40.8	-3.9	78	11	15	27	40	2.47	-1.73	1.21	T.	9	18	5	8	n.	W. E. McVay
Gravette	Benton	1250	33	37.7	+0.1	62	9	15	17	32	2.20	+0.01	0.93	4.0	6	12	10	9	nw.	A. F. Stevens
Harrison	Boone	1052	29	36.0	-1.3	67	9	11	27	41	1.22	-1.28	1.08	1.4	2	18	6	7	nw.	Dan Robertson
Helena	Phillips	250	58	42.0	-2.8	65	9	20	22	32	4.01	-0.93	1.58	0.1	10	12	7	12	nw.	James A. Burnett
Higden	Cleburne	445	12	....	....	....	....	....	....	....	1.09	....	0.90	0.5	7	11	7	13	w.	Geo. W. Baker
Highland	Pike	....	1	44.0	....	66	12	23	17	32	2.37	....	1.00	0.0	5	17	4	10	s.	Tom W. Stewart
Hope	Hempstead	377	59	47.2	+0.5	83	11	22	17	46	3.63	-0.71	1.48	0.0	6	17	2	12	n.	N. P. O'Neal
Hot Springs	Garland	600	39	43.0	-3.2	63	11	26	17†	26	2.33	-1.85	1.42	0.0	3	15	9	7	....	G. C. Bolton
Index ‡‡	Little River	275	5	....	....	....	....	....	....	....	2.47	....	0.80	0.0	6	18	2	16	....	H. G. Sanderson
Jessieville	Garland	750	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	U. S. Forest Service
Jonesboro	Craighead	345	35	41.0	0.0	69	9	20	22	29	2.91	-1.71	1.06	4.9	8	18	6	7	se.	Benedictine Sisters
Junction ‡‡	Union	182	36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	J. A. Lowderback
Lead Hill	Boone	650	3	37.6	....	66	9	14	22	41	1.41	....	0.81	1.0	7	20	1	10	nw.	J. H. Crosswhite
Little Rock	Pulaski	357	51	42.3	-1.9	64	9	25	16	24	2.28	-1.86	1.00	T.	7	13	4	14	nw.	U. S. Weather Bure
Lurton	Newton	2100	5	36.0	....	61	9	10	16	25	1.54	....	0.79	2.5	10	19	4	8	n.	I. C. Sutton
Lutherville ‡‡	Johnson	775	32	40.0	-1.2	63	11	21	22†	26	1.42	-2.12	1.10	T.	3	15	4	12	w.	H. G. Lenhardt
Magnolia	Columbia	315	11	44.4^{g}	-4.4	67^{g}	9	21^{g}	17	33^{g}	4.84	+0.03	2.40	0.0	4	13^{g}	3^{g}	8^{g}	....	State Agri. School
Malvern	Hot Springs	277	43	42.0	-1.0	66	9	19	17	37	2.31	-2.39	1.08	0.0	7	16	3	12	n.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	600	25	38.8	+0.1	69	9	15	17	42	0.95	-2.13	0.75	T.	2	18	4	9	nw.	S. F. Whittaker
Marianna	Lee	235	18	42.2	+0.2	66	9	23	21†	32	2.41	-2.15	1.04	T.	5	13	6	12	n.	C. N. Houck
Marked Tree	Poinsett	229	25	38.3	-2.7	62	9†	20	17†	32	3.55	-0.93	1.03	1.9	10	12	9	10	n.	Charles Walton
Marshall	Searcy	1070	16	37.4	-5.4	70	9	14	17	43	1.26	-2.37	0.85	1.8	3	17	2	12	n.	A. J. Parks
Mena	Polk	1185	42	40.8	-1.8	68	2	20	27	35	1.86	-2.01	1.26	0.0	7	19	8	4	n.	E. W. St. John
Morrilton	Conway	347	9	40.1	....	62	11	23	17†	30	1.42	....	0.86	T.	3	15	1	15	nw.	John Cook
Mountain Home	Baxter	800	16	38.8	-0.9	79	9	16	17	39	1.46	-2.11	0.95	2.0	6	16	4	11	nw.	B. S. Halbert
Mount Ida	Montgomery	650	31	39.9	-3.6	68	9	13	27	44	1.52	-2.67	0.75	0.0	3	14	7	10	w.	G. A. Whittington
Newport	Jackson	231	46	39.9	-2.0	65	9	16	17	36	2.64	-1.22	0.94	1.0	9	16	2	13	s.	J. D. Henderson
Norman	Montgomery	750	3	....	....	....	....	....	....	....	1.68	....	1.10	T.	4	15	8	8	....	U. S. Forest Service
Oden	Montgomery	800	4	....	....	....	....	....	....	....	1.48	....	1.28	0.0	2	14	7	10	nw.	U. S. Forest Service
Okay	Howard	288	1	44.0	....	68	14	20	20†	39	2.56		1.01	0.0	5	11	11	9	nw.	Frank K. Hensley
Osceola	Mississippi	240	32	41.6	-1.2	65	9	20	22	35	3.17	-0.98	1.13	2.0	6	17	3	11	n.	June Thomason
Ozark	Franklin	596	34	39.4	-1.8	65	11	19	23†	33	2.64	-0.60	1.90	0.0	5	20	1	10	nw.	Orkney O. Milton
Paragould	Greene	301	4	....	....	....	....	....	....	....	2.78	....	1.21	2.5	6	17	3	11	nw.	W. R. Heagler
Patterson	Woodruff	196	14	....	....	....	....	....	....	....	3.41	-0.59	2.06	0.0	4	19	2	10	n.	W. E. Baker
Piggott	Clay	307	6	....	....	....	....	....	....	....	2.42	....	1.20	1.3	9	15	8	8	sw.	V. C. Wright
Pine Bluff	Jefferson	215	43	42.9	-1.5	67	9†	19	17	34	3.42	-1.55	1.50	0.0	6	15	4	12	nw.	Miss Theresa Scheu
Pocahontas	Randolph	350	37	39.5	-1.3	67	9	18	17†	38	2.22	-1.42	1.65	1.0	7	13	9	9	.	Benedictine Sisters
Portland	Ashley	122	24	41.8	-5.6	60	10	20	17	27	3.95	-1.55	1.85	0.0	5	14	2	15	n.	W. E. Edmiston
Prescott	Nevada	329	42	44.4	-1.3	68	13	19	17	36	3.90	-0.21	1.71	0.0	5	18	3	10	n.	C. D. Calhoun
Princeton	Dallas	287	24	....	....	....	....	....	....	....	4.72	-0.62	2.31	0.0	6	19	0	12	....	Mrs. Dora Coleman
Rison	Cleveland	243	29	44.1	-1.4	68	9	20	17	34	3.88	+0.17	1.79	0.0	5	13	3	15	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	39	37.6	-1.0	61	9	15	17†	35	2.55	+0.25	1.31	5.0	6	16	7	8	nw.	Carl A. Starck
St. Charles	Arkansas	175	1	41.0	....	64	10	22	23	31	3.49	....	1.55	0.0	5	12	5	14	s.	Ballard Deane
St. Francis	Clay	290	2	....	....	....	....	....	....	....	2.31	....	0.84	2.5	7	13	7	11	....	S. T. Rooney
Searcy	White	236	21	40.2	-2.3	65	9†	19	17†	36	2.52	-2.20	1.04	0.0	6	21	1	9	nw.	Arthur D. Smith
Springbank ‡‡	Miller	240	23	....	....	....	....	....	....	....	4.61	-0.24	2.20	0.0	6	15	2	14	....	Miss Grace Field
Story	Montgomery	700	6	....	....	....	....	....	....	....	1.59	....	1.18	0.0	5	19	3	9	n.	S. C. Story
Stuttgart	Arkansas	228	43	42.3	-1.3	65	9	20	16	31	3.32	-1.39	1.34	0.0	7	16	3	12	w.	Adam F. Buerkle
Subiaco	Logan	1050	33	41.0	-1.2	64	11	19	27	34	1.32	-1.66	0.72	T.	4	19	1	11	s.	New Subiaco Abbe
Texarkana	Miller	332	44	43.0	-3.8	67	8†	19	22	38	3.65	+0.12	1.30	0.0	5	15	4	12	n.	H. S. Brashear
Thornburg	Perry	650	6	40.0^{b}	....	69^{b}	9	13^{b}	28	42^{b}	1.42	....	0.60	T.	8	13^{b}	7^{b}	9^{b}	s.	Edward E. Holmes
Waldron	Scott	675	11	....	....	....	....	....	....	....	1.88	-1.66	1.09	0.0	4	16	5	10	nw.	Dr. Cheves Bevill
Warren	Bradley	206	36	42.4	-2.3	65	9	21	17	32	5.31	-0.12	1.98	0.0	7	16	12	3	ne.	Miss Evelyn Hoyle
Waters	Montgomery	800	6	....	....	....	....	....	....	....	1.28	....	1.28	0.0	1	16	5	10	nw.	J. R. Huddleston
Whitecliffs	Little River	290	26	....	....	....	....	....	....	....	2.65	-1.24	1.23	0.0	5	14	2	15	se.	Nannie O. Schirme
Wilson	Mississippi	237	5	39.4	....	65	9	18	22	31	2.86	....	0.80	1.0	10	20	2	9	s.	M. W. H. Collins
Winslow	Washington	1734	15	36.7	+0.7	63	9	14	22	33	2.78	-1.66	1.46	0.9	7	17	4	10	s.	J. D. Black
Wynne	Cross	250	22	39.3	-2.5	66	9	18	23	32	4.25	-0.51	1.90	1.0	6	13	5	13	n.	R. T. Cobbs
Yancopin	Desha	167	6	....	....	....	....	....	....	....	3.27	....	1.36	T.	8	15	1	15	....	W. E. Barton
State Means and Extremes				40.6	-1.9	83	11	9	22†	46	2.58	-1.47	2.55	2.3	6	15	5	11	nw.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rai or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Freeman Springs, Dover: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for December, 1930

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				.02	1.17						.10				.16										.49	.30						2.24
Arkadelphia	Ouachita					1.30						.24															1.37						2 91
Arkansas City	Mississippi					1.40						.08				.25	T									.17	1.42		.04				3.36
Arlberg	White			.10		.53										.22			T.							.16			.10				1.11
Batesville	White				T.	1.09	.01					.06				.25	.05			T.						T.	.49		.01				1.96
Bee Branch	Arkansas			T	T	1.00					T.					.10			T.							.30			.10				1.50
Bentonville ***	Arkansas			.03	.80	.89					.06	T.			.15	.20			.17									.18	.10				2.58
Black Rock	White					1.10	.08									.27	T.	T.		T.						.02	.55		.06				2.08
Blytheville	Mississippi					.62	.40					.14				.22	.10	.14		.02						.10	.86	T.	.22				2.82
Booneville	Arkansas			.12	1.36						.04					.08										.01			T.				1.61
Brinkley	White					1.56	.08					.18				.25										.10	1.05		13				3.35
Calico Rock	White			T.	.02	.85	.03					.02				.35	.02									.02	.15		.06				1.52
Camden	Ouachita					2.50					.02	.36				.32			.02							.47	1.13		.02				4.84
Center Point	Red			T.	.51	1.10					.05	.02				.10			T.							.78							2.56
Clarendon	White					1.56	.06					.24				.30	.04			.04						.12	1.02		.16				3.54
Clinton	White			.06		.85					.04					.18										.17							1.30
Conway	Arkansas			.03		.50										.10			03							.60							1.26
Corning	White					.94					.08					.21		.07	T.								.80		.15				2.25
Corning (river)	White																																....
Cotter	White				T.	.84	.04	T.			T.	.09				.26	T.			T.							.10		.06				1.39
Crossett	Ouachita				T	1.77						.21				.15											1.72		.03				3.88
Danville	Arkansas				.18	.81					T.															T.							0.99
Dardanelle	Arkansas				.13	1.50	T.				.03					.10										.02			.04				1.82
De Valls Bluff	White		.02			1.90	.04					.16				.24										.17	1.00		.10				3.63
Dumas	Mississippi					1.70						.20				.35		.10		.05	T.						1.40		.20				4.00
Dutton	White			.05	.64	1.20					.03					.11	T.												T.				2.03
El Dorado	Ouachita					2.28					.03	.40	.01			.23	.02		.03	.07						.50	1.50		.02				5.09
England	Arkansas			T.	.05	1.25					.03	.12				.24			.04							1.15	.11						2.99
Eureka Springs	White			.10	.44	1.68					.12					.48			.15										.08				3.05
Fayetteville	White			.02	.80	1.53	.01				.06	.05				.17			.08										.09				2.81
Fort Smith ***	Arkansas			.08	1.76	.79					.06				T.	T.			T.									T.	.01				2.70
Freeman Sprgs.	Arkansas				.05	1.03	.03				T.	.03				.08				T.						T.	T.		T.				1.22
Fulton	Red			T.	.10	1.22					T.	.22				.18										.43	.88		T.				3.03
Georgetown	White					1.23						.11				.16										.16	1.03		T.				2.69
Gilbert	White				.04	.57	.06				.08	.04				.60					T.						.06			T.			1.45
Grannis	Red			.05	43	1.21					.09	.03				.15	T.		.03							.46		T.	.02				2.47
Gravette	Arkansas			.09	.43	.93					T				T.	.37			.03										.35				2.20
Harrison	White				T.	1.08					T.					.14																	1.22
Helena	Mississippi	.10				1.20	.20					.32				.20	.20	.01	T.	T.						.04	1.58		.16				4.01
Higden	White			.04		.90					.02					.24			.03							.36			10				1.69
Highland	Ouachita				.40	1.00					.02					.15										.80							2.37
Hope	Red				.87	.68					.25	.05				.30										1.48							3.63
Hot Springs	Ouachita				.79						.12															1.42							2.33
Index	Red				.12	.80					T.	.18				.17										.40	.80						2.47
Jessieville	Ouachita																																....
Jonesboro	White	.03				1.06		.12				.16				.38	T		.05								.96		.15				2.91
Junction	Ouachita																																....
Lead Hill	White			T.	.06	.81					.14	.03				.23			.04										.10				1.41
Little Rock ***	Arkansas			T.	.80	.20	T.				.06				T.	.21			.03				T.			.97	T.	.01					2.28
Lurton	White			.11	.79	.35	.01				.04	.01				.15			.05							.02			.01				1.54
Lutherville	Arkansas			T.	.23	1.10					.09					T.																	1.42
Magnolia	Red					2.40					.60					.20										1.64							4.84
Malvern	Ouachita				.02	1.08						.08				.15			.02							.20	.76						2.31
Mammoth Spg.	White						.75					T.				T.	T.			T.							.20		T.				0.95
Marianna	Mississippi					.96						.12				.19		T.								1.04			.10				2.41
Marked Tree	Mississippi					.82	.28					.22				.35	.32	.09		.05						.09	1.03		.30				3.55
Marshall	White			T	T.	.85					T.					.36										.05							1.26
Mena	Ouachita			.13	.15	1.26	T.				.05	.02				.13										.12			T				1.86
Morrilton	Arkansas			T.		.86					T.					.12			T.							T.	.44		T.				1.42
Mountain Home	White			.05	.04	.95					.04					.28			T.							.10							1.46
Mount Ida	Ouachita				.35	.75																				.42							1.52
Newport	White					.94	.28					.06				.12	.16	.02								.12	.82		.12				2.64
Norman	Ouachita			T		1.10					T.					.10			.11							.37		T.					1.68
Oden	Ouachita					1.28																				.20							1.48
Okay	Red				.51	.70					.17					.17			T.							1.01		T.					2.56
Osceola	Mississippi						1.13					.15					.46	T.		T.							.65	.52	.26				3.17
Ozark	Arkansas			.10	.31	1.90					.05					.28																	2.64
Paragould	Mississippi					1.21										.39	.05		.03							.89			.21				2.78
Patterson	White					1.20	.08									.07											2.06						3.41
Piggott	Mississippi					1.20					.08	.06				.13	.03		.02							.52	.20		.18				2.42
Pine Bluff	Arkansas	.02			T.	1.40						.20				.25	T.		T.	T.						.05	1.50						3.42
Pocahontas	White					1.05					.05					.32		.10	.10							.50			.10				2.22
Portland	Ouachita					1.78						.13				.16											1.85		.03				3.95
Prescott	Ouachita			T.	1.71						.19				.60			T.	T						.60	.80							3.90
Princeton	Ouachita	.18				2.31	.10					.63														.22	1.28						4.72
Rison	Ouachita					1.79						.88				.21										.40	1.10						3.88
Rogers	White			T.	.68	1.31	T.				.12				T.	.28			.14										.02				2.55
St. Charles	White						1.55						.15							.30						1.41			.08				3.49
St. Francis	St. Francis	T.				.54	.42					.10				.06		.16		T.						T.	.84	T.	.19				2.31
Searcy	White					1.04						.13				.15										.37	.80		.03				2.52
Springbank	Red	T		T.	.03	2.20					T.	.68	T.			.20	T.									.58	.92						4.61
Story	Ouachita			.04		1.18										.05										.08	.24						1.59
Stuttgart	Arkansas					1.34						.28			.32				.04							.18	1.09		.07				3.32
Subiaco	Arkansas			.19	.33	.72					T.	T.				.08	T.												T.				1.32
Texarkana	Red				.55	1.00						.30													1.30	.50							3.65
Thornburg	Arkansas			.02	.04	.60					.03	.01				.24	T.		.01							.47	T.						1.42
Waldron	Arkansas			1.09	.42	.28					T					.09																	1.88
Warren	Ouachita	.30				1.96	T.					.30	T.			.20	.27		.30								1.98			T.			5 31
Waters	Ouachita					1.28																											1.28
Whitecliffs	Red				.20	1.23					T.	.19					T.									.63	.40		T.				2.65
Wilson	Mississippi					.68	.43					.12				.14	.10	.07		.02						.30	.80			.20			2.86
Winslow	Arkansas			.05	.91	1.46	T.				.09				T.	.22	T.		.02									.03					2.78
Wynne	Mississippi				.40	.80						.65				.40		.10	T.								1.90						4.25
Yancopin	Arkansas	.13				1 36						.16				.24		T.		.03						.15	1.16		.05				3.27

Daily River Stages for December, 1930

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.5	7.6	8.0	8.3	9.0	14.0	12.8	12.4	11.2	10.0	9.1	8.4	7.8	7.3	6.8	6.4	6.1	6.0	5.8	5.8	5.4	5.2	5.6	5.6	5.3	5.4	5.1	5 0	4.8	4.8	4.8
Ozark	do	22	4.1	4.4	4.1	4.8	6.5	10.8	10.8	9.8	9.0	6.7	6.5	5.5	4.9	4.0	3.7	3.5	3.0	2.9	2.6	2.4	2.3	2.1	2.0	1.8	1.9	1.7	1.6	1.5	1.4	1.3	1.2
Dardanelle	do	20	7.9	7.3	7.2	7.0	8.0	11.3	13.3	13.2	11.5	10.5	9.4	8.4	7.8	7.3	6.9	6.4	6.2	6.0	5.9	5.7	5.7	5.5	5.4	5.4	5.8	5.2	5.0	5.0	4.9	4.8	4.7
Morrillton	do	20	5.5	5.0	4.6	4.5	4.4	8.0	11.1	10.6	9.5	9.0	7.4	6.3	5.2	4.5	4.0	3.5	3 0	2.6	2.0	2.0	1.7	1.7	1.5	1.4	1.4	1.8	1.2	1.0	1.0	0.9	0.9
Little Rock	do	23	3.8	6.1	5.6	5.1	4.9	5.4	10.0	12.0	10.9	9.9	8.6	7.4	6.4	5.6	4.6	4.0	3.4	2.9	2.5	2.2	2.0	1.8	1.6	1.4	1 3	1.3	1.2	1.0	0.9	0.7	0.7
Pine Bluff	do	25	8.0	9.6	10.9	10.3	10.1	9.9	11.9	14.2	15.9	14.2	13.7	12.5	11.6	10.6	10.0	9.5	8.8	8.4	7.9	7.5	7.2	6.8	6.6	6.4	6.4	6.5	6.3	6.1	6.1	5.9	5.7
Yancopin	do	29	9.4	10.4	11.8	13.6	13.5	13.1	12.9	16.0	19.0	19.0	18.3	17.2	16.0	15.0	14.1	13.3	12.7	12.0	11.5	10.9	10.4	9.9	9.6	9.8	9.0	8.8	8.8	8.8	8.6	8.8	8.1
Danville	Petit Jean	20	10.5	9.4	6.4	5.1	6.8	14.1	12 4	9.3	7.1	6.4	5.4	4.9	4.8	3.9	3.5	3.0	2.8	3.2	3.1	2.8	2.8	2.9	2.9	2.8	2.7	2.7	2.5	2.5	2.4	2.4	2.3

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.0	7.0	6.6	6.5	6.8	6.9	9.6	10.0	9.4	8.6	6.8	6.1	5.2	5.1	4.9	4.7	4.6	4.6	4.1	3.9	3.6	3.5	3.5	3.7	3.7	3.8	3.3	4.0	4.0	3.7	3.6
Calico Rock	do	18	3.8	5.7	5.7	5.3	5.1	5.9	8.0	8.2	8.1	6.7	5.6	4.8	4.4	3.9	3.6	3.3	3.1	3.0	2.7	2.4	1.9	2.0	1.9	2.1	1.9	1.8	1.3	1.0	2.3	1.7	1.2
Batesville	do	23	7.0	10.7	11.9	11.1	11.3	11.4	14.3	15.2	14.4	13.7	12.0	11.0	10.2	9.6	9.2	8.8	8.5	8.2	8.2	7.8	7.5	7.1	7.1	7.2	7.1	7.1	6.7	6.1	5.8	7.2	6.4
Newport	do	26	3.4	3.9	6.8	8.8	7.8	8.3	9.8	12.0	13.0	12.9	11.9	10.2	9.2	7.9	6.8	6.1	5.7	5.8	4.8	4.6	4.1	3.8	3.5	3.5	3.5	3.5	3.4	3.0	2.8	2.8	3.2
Georgetown	do	22	6.2	7.8	8.2	9.2	10.3	11.0	12.0	13.1	14.4	15.0	15.2	15.0	14.0	13.0	12.0	11.2	10.2	9.4	8.9	7.8	7.4	7.0	6.4	6.0	5.6	5.6	5.6	5.4	5.2	5.1	4.7
De Valls Bluff	do	24	10.4	10.4	11.4	12.1	13.2	14.0	14.8	15.6	16.5	17.2	17.8	18.0	18.0	17.8	17.2	16.5	15.6	14.7	13.8	13.0	12.5	11.7	11.4	10.7	10.3	10.1	9.9	9.8	9.8	9.5	9.2
Clarendon	do	30	13.5	13.2	13.5	14.2	15.0	15.9	16.5	17.2	17.8	18.5	19.2	19.6	19.9	20.0	20.0	19.8	19.3	18.6	17.7	16.9	16.0	15.3	14.7	14.1	13.7	13.4	13.1	12.9	12.8	12.6	12.4
Gilbert	Buffalo	30	6.6	5.3	5.0	4.9	5.2	5.8	5.4	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4
Black Rock	Black	14	3.2	3.1	3.1	3.5	3.8	4.5	4.6	4.6	4.5	4.5	4.4	4.2	3.8	3.7	3.6	3.6	3.6	3.5	3.1	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.6
Camden	Ouachita	30	10.8	18.0	20.4	20.9	19.8	19.8	20.6	22.2	22.4	21.2	20.1	17.7	15.6	14.2	12.1	9.9	9.0	8.6	8.1	9.1	7.4	6.3	6.3	5.8	6.0	6.7	8.7	9.3	11.8	10.9	10.0
Fulton	Red	28	9.3	11.4	14.9	15.4	14.8	13.8	16.0	19.5	21.4	21.6	20.6	18.5	16.0	14.0	12.6	11.7	11.1	10.6	10.2	9.7	9.5	9.1	9.0	8.7	8.8	8.9	8.6	8.6	8.3	8.2	8.0
Helena	Mississippi	44	2.9	2.7	2.9	3.1	3.4	3.4	3.4	3.4	3.3	3.5	3.8	3.9	3.4	3.5	4.3	5.1	5.6	5.6	5.3	4.8	4.3	3.9	3.4	2.9	2.4	2.4	2.3	2.0	1.6	1.3	1.6
Arkansas City	do	48	5.2	5.3	5.3	5.7	5.9	6.9	7.1	7.2	8.4	9.9	10.4	10.3	10.0	9.4	8.9	8.8	9.0	9.3	9.4	9.2	8.6	8.0	7.4	6.8	6.1	5.6	5.2	5.0	4.6	4.3	3.9

Daily Temperatures for December, 1930

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	65	57	54	50	48	52	53	62	69	52	66	60	59	57	37	31	44	40	50	57	40	48	52	53	43	41	50	45	53	50	54	51.4
	Minimum	30	31	32	43	46	40	41	34	31	32	45	40	30	30	33	30	21	21	24	22	22	23	24	22	23	32	20	21	25	25	27	29.7
Bentonville	Maximum	46	55	52	49	43	42	50	58	63	50	59	52	54	45	31	31	39	42	44	48	32	42	43	49	47	36	47	39	45	41	42	15.7
	Minimum	31	30	42	43	35	35	36	31	31	45	37	28	33	29	27	21	17	31	26	27	21	20	24	29	34	26	22	28	27	20	25	29.5
Bee Branch	Maximum	54	50	50	51	48	55	54	58	60	57	64	60	57	54	46	35	39	37	48	49	47	41	45	48	47	40	42	45	50	48	50	49.3
	Minimum	29	25	32	44	42	41	41	31	33	42	45	32	28	30	31	21	18	27	28	23	26	18	30	22	35	33	20	32	26	26	21	30.2
Blytheville	Maximum	56	47	55	60	60	56	55	59	67	63	64	59	56	54	45	39	37	36	40	54	44	42	47	47	46	47	44	42	52	50	50	50.7
	Minimum	32	25	36	41	49	46	42	34	37	44	47	34	32	34	33	21	27	29	30	28	28	20	28	26	38	32	30	32	29	26	27	32.8
Booneville	Maximum	62	55	51	49	48	48	53	63	67	61	66	61	57	52	48	37	47	48	51	55	49	48	50	58	51	45	51	47	50	50	50	52.5
	Minimum	28	32	43	45	41	39	36	30	28	44	50	30	29	29	34	30	26	35	22	21	27	18	22	23	41	32	17	36	24	20	23	30.8
Brinkley	Maximum	59	55	54	58	54	53	54	61	67	57	65	56	58	52	47	37	43	37	50	55	51	45	49	54	45	45	47	46	52	46	51	51.7
	Minimum	28	26	32	38	42	45	45	30	30	44	49	38	28	28	33	24	21	24	30	22	25	19	19	23	37	34	22	32	25	27	25	30.5
Calico Rock§§	Maximum	52	51	51	51	47	56	52	61	72	55	64	53	56	46	35	30	41	38	50	55	37	41	46	52	42	36	50	47	52	43	49	48.7
	Minimum	26	25	25	41	42	42	42	28	28	29	40	26	27	27	31	17	17	17	22	18	18	15	17	17	18	35	19	19	20	20	18	25.4
Camden§§	Maximum	64	60	60	55	52	55	55	64	68	57	65	60	62	60	38	34	45	48	55	58	43	48	52	55	45	42	47	48	56	47	53	53.3
	Minimum	28	28	34	43	47	42	42	30	30	30	48	34	29	29	32	31	20	20	33	23	23	23	23	23	25	32	22	22	24	25	25	29.7
Center Point	Maximum	63	59	54	53	50	55	54	64	67	58	68	62	60	55	54	53	42	42	52	56	49	47	51	52	48	45	47	47	55	51	48	53.6
	Minimum	33	34	45	47	41	39	40	35	40	48	46	43	36	40	35	31	24	31	29	30	34	21	25	30	37	31	25	35	27	29	31	34.6
Conway	Maximum	58	52	55	53	52	55	52	59	65	57	61	56	57	51	47	36	42	40	49	53	40	45	47	54	48	42	46	47	51	51	51	50.8
	Minimum	30	27	35	43	43	42	42	33	31	42	46	36	28	28	32	25	20	29	29	21	26	20	21	22	37	33	20	26	28	26	28	30.6
Corning	Maximum	52	46	58	54	51	54	53	52	66	56	63	54	54	49	38	34	41	34	46	52	45	42	42	46	42	41	45	46	49	47	42	48.2
	Minimum	25	18	25	39	39	41	40	24	28	40	40	27	26	29	29	16	23	24	27	20	22	13	19	17	34	28	27	26	24	25	20	26.9
Dardanelle	Maximum	62	54	51	51	53	53	54	64	65	58	67	56	64	53	49	39	45	42	51	56	42	47	49	54	49	44	45	51	53	50	53	52.4
	Minimum	29	30	36	46	45	40	43	31	31	44	50	34	31	30	34	28	24	32	27	22	29	22	22	22	39	33	19	37	24	24	24	31.7
Dumas	Maximum	53	67	51	56	66	55	52	57	60	58	61	57	63	53	56	38	42	39	44	53	44	41	51	52	47	45	47	44	54	44	56	51.8
	Minimum	31	31	36	45	47	41	45	32	42	41	51	36	30	32	36	27	21	26	27	24	26	24	25	24	38	37	24	33	29	27	29	32.9
Dutton	Maximum	52	51	48	48	48	44	49	56	62	50	59	57	53	48	45	36	38	41	42	49	35	49	43	47	43	41	47	40	45	45	45	47.0
	Minimum	22	26	31	41	34	32	32	23	21	35	35	22	23	22	28	21	18	26	13	16	16	9	9	16	32	27	9	29	17	12	15	23.0
El Dorado	Maximum	64	63	65	59	54	52	54	63	67	60	60	61	64	64	56	38	46	45	55	59	52	46	52	53	48	47	45	48	56	51	54	54.9
	Minimum	32	36	44	49	48	42	44	34	35	48	49	40	33	34	37	30	22	32	34	28	29	26	30	29	39	34	26	35	28	30	32	35.1
Eureka Springs	Maximum	52	60	52	51	46	43	54	61	64	54	62	56	54	49	41	34	41	40	45	50	41	41	44	52	49	41	52	43	47	47	46	48.8
	Minimum	34	26	42	46	38	35	36	33	39	46	40	28	33	31	28	17	17	32	25	31	20	20	22	31	38	27	23	32	26	18	29	30.4
Fayetteville	Maximum	51	54	51	52	49	41	51	58	62	52	59	54	53	48	43	31	39	41	44	48	45	40	43	49	48	44	48	42	45	44	42	47.5
	Minimum	29	29	42	43	37	35	34	29	31	45	40	29	31	29	29	20	21	32	27	30	21	20	22	29	37	30	21	32	27	20	25	29.9
Fort Smith	Maximum	60	50	49	48	47	47	52	59	64	57	61	58	56	48	42	36	45	47	47	52	39	45	47	57	50	42	46	46	51	44	48	49.8
	Minimum	34	33	43	45	40	40	42	37	36	46	47	39	33	35	35	32	31	34	29	27	28	24	28	29	39	30	24	34	27	28	28	31.1
Gravette	Maximum	47	55	51	52	50	43	48	56	62	55	58	52	52	49	48	31	37	40	42	47	41	41	42	51	46	40	47	42	45	42	41	46.9
	Minimum	27	30	41	45	35	33	35	26	30	44	36	26	30	31	29	23	15	31	26	25	19	17	18	27	36	30	21	31	25	18	23	28.5
Helena	Maximum	59	55	54	59	64	56	53	59	65	55	64	54	58	51	43	43	39	40	47	55	45	43	48	52	49	47	47	48	51	46	52	51.7
	Minimum	27	29	39	43	42	45	38	30	35	46	49	38	30	33	35	25	25	25	30	29	31	20	22	28	39	35	23	32	25	24	27	32.2
Hope	Maximum	74	76	59	54	49	57	64	78	74	55	83	80	73	74	52	42	60	57	59	70	41	64	62	60	44	55	56	55	66	61	61	61.8
	Minimum	29	34	40	46	42	41	41	32	32	47	49	34	31	31	36	31	22	34	31	24	25	24	28	25	38	29	23	34	27	26	27	32.7
Hot Springs	Maximum	59	53	54	52	50	55	53	59	51	55	63	56	56	53	49	41	44	43	50	52	42	46	49	50	46	44	46	47	54	47	52	50.7
	Minimum	33	35	41	46	49	46	46	35	36	46	50	38	33	35	41	34	26	32	30	28	30	26	27	28	37	41	26	34	30	28	30	35.4
Jonesboro	Maximum	52	50	56	55	52	54	53	59	69	62	65	54	57	48	38	35	40	35	46	54	44	41	45	49	43	41	46	42	52	44	51	49.5
	Minimum	31	21	31	43	43	43	41	34	40	47	47	35	31	36	32	21	21	26	29	29	28	20	28	21	35	32	30	33	29	28	26	32.4
Lead Hill	Maximum	49	57	54	52	47	46	52	60	66	54	62	51	55	49	42	35	41	40	46	51	44	44	44	53	49	45	50	44	46	43	41	48.8
	Minimum	25	24	35	42	42	38	39	25	25	37	34	24	25	30	30	19	15	32	20	18	20	11	17	17	31	32	15	35	21	17	17	26.3
Little Rock	Maximum	57	51	52	55	50	53	52	60	64	54	64	53	57	50	38	34	40	40	49	56	42	44	47	51	44	39	46	44	52	42	51	49.6
	Minimum	38	29	42	44	43	43	41	37	40	49	48	41	35	37	33	25	25	29	29	32	31	26	32	30	38	32	28	34	30	31	32	35.0
Lutherville	Maximum	58	50	50	49	51	50	49	59	60	54	63	56	54	52	45	35	41	39	47	48	43	41	44	51	48	44	47	46	51	46	37	48.6
	Minimum	33	27	37	45	43	36	39	33	36	44	48	35	30	32	31	24	22	30	23	26	25	21	25	26	37	32	21	34	25	23	26	31.3
Magnolia	Maximum	62	..	58	..	55	..	53	63	67	65	64	60	63	63	57	42	48	..	..	..	..	45	51	55	59	48	45	45	47	55	53	54.8
	Minimum	36	..	46	..	45	..	42	31	34	40	48	42	31	32	37	31	21	..	..	..	..	21	25	31	35	31	33	25	35	27	31	33.9
Malvern	Maximum	64	58	56	54	50	57	55	65	66	57	65	60	62	57	51	38	46	43	54	57	48	48	51	55	50	42	48	45	56	51	53	53.6
	Minimum	27	30	36	45	45	42	43	29	29	44	47	32	29	29	35	28	19	28	27	21	25	21	21	21	37	32	20	33	23	22	27	30.5
Mammoth Spring	Maximum	45	51	55	52	51	56	50	59	69	57	63	58	54	53	51	34	42	36	46	51	49	43	41	48	48	46	47	45	47	41	47	49.5
	Minimum	32	22	28	42	42	45	41	26	[illegible]	37	39	38	28	36	31	18	15	27	20	19	24	16	21	17	37	26	21	29	30	22	18	28.2
Marianna	Maximum	60	54	54	59	55	54	58	58	66	56	63	54	59	54	54	39	40	38	49	55	50	50	48	52	48	48	45	52	52	46	51	52.3
	Minimum	33	28	32	40	44	46	31	31	34	46	51	38	30	30	30	25	26	26	32	30	23	23	24	27	36	36	25	29	29	28	28	32.0
Marshall	Maximum	46	45	48	48	48	45	49	58	70	57	57	57	51	50	43	36	38	37	41	46	46	38	38	41	44	46	41	41	43	43	45	46.4
	Minimum	26	25	40	44	40	38	38	28	27	45	37	27	30	29	29	17	14	28	21	27	22	17	19	21	31	31	17	33	37	18	25	28.1
Mena	Maximum	62	68	54	50	47	49	52	62	62	54	62	58	55	53	53	35	42	15	48	52	42	45	47	54	46	41	45	43	51	46	48	50.7
	Minimum	29	33	39	44	36	36	33	32	32	45	45	32	32	30	33	29	22	32	26	26	26	21	27	25	36	30	20	33	24	24	28	31.0
Mount Ida	Maximum	64	57	55	53	50	52	55	64	68	59	67	62	60	55	50	38	44	44	53	56	45	49	51	54	47	43	49	47	56	48	56	53.3
	Minimum	24	24	35	43	41	39	40	25	21	40	45	26	23	22	34	28	18	28	19	14	18	15	16	16	39	26	13	30	19	18	21	26.5
Newport	Maximum	54	49	53	55	52	55	54	59	66	58	65	52	57	50	41	36	41	35	50	54	47	45	46	50	43	42	46	44	52	46	53	50.0
	Minimum	28	25	32	39	46	43	38	28	30	42	41	35	28	30	32	22	16	26	27	23	28	18	20	21	36	34	25	33	27	26	25	29.8
Pine Bluff	Maximum	64	58	56	56	52	56	56	64	67	55	67	58	62	58	47	38	47	42	53	58	40	48	53	58	46	44	49	44	57	47	56	53.4
	Minimum	31	31	38	45	47	44	41	33	33	49	49	38	31	35	36	28	19	27	28	25	28	22	25	24	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pocahontas	Maximum	52	47	56	53	51	55	55	59	67	61	65	58	55	54	40	37	40	35	48	54	63	43	44	49	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	27	21	29	40	41	43	43	23	20	[illegible]	15	30	23	36	30	19	18	25	26	22	25	18	23	18	33	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Portland	Maximum	54	54	55	57	54	51	56	52	59	[illegible]	57	57	54	54	53	39	39	40	43	49	49	46	46	46	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	33	33	37	47	50	44	43	33	32	40	54	39	30	31	38	30	20	26	32	26	25	28	26	29	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prescott	Maximum	59	63	65	64	65	60	62	56	58	61	63	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	30	28	36	46	43	38	38	32	28	[illegible]	45	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rison	Maximum	61	60	59	57	52	55	56	61	68	61	65	59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	30	31	41	46	46	42	44	33	35	48	50	37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Searcy	Maximum	57	50	54	55	53	55	54	60	65	54	65	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	29	26	31	38	41	44	44	30	29	43	46	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stuttgart	Maximum	59	55	54	56	53	54	53	60	65	58	63	58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	28	38	44	45	43	45	32	34	47	48	36	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Texarkana	Maximum	64	63	58	54	51	54	56	67	66	55	67	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	28	34	43	45	39	38	39	29	30	45	45	36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Thornburg	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Warren	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wilson	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wynne	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 1-22-31-980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

Vol. XXXV Little Rock, Ark., Year, 1930 No. 13

GENERAL SUMMARY

The year 1930 was marked by extremes in precipitation and temperature. January was the coldest month since 1918 and, with the exception of January 1916, the wettest winter month on record. This extremely cold weather was followed by an unusually warm February which established a new temperature record for that month. The driest April was followed by the wettest May in 40 years and the driest June for the past 40 years was followed by an even drier July and the warmest July on record in the State. Although no temperature nor precipitation records for the State, as a whole, were broken in August, the maximum temperature of 114° is within 1° of the absolute highest for the month and the total rainfall for many stations in central and western sections was seriously deficient.

The mean temperature for the year was 61.7° which is 0.5° above normal. Positive departures occurred at 34 stations for which normals have been computed and negative at 15 others. Monthly means were below normal in January, March, May, June, October, November, and December; above the other months. Annual means ranged from 55.2° at Dutton to 65.7° at Hope. Extremes ranged from 28° below zero at Lead Hill on January 22d to 115° at Hope, Rison, and Subiaco on July 29th.

The average precipitation for the State was 46.62 inches which is 1.10 inches below normal. Of the 62 stations with records of 10 years or more and with unbroken annual records for the year, 28 showed positive departures and 34 negative. Precipitation was heaviest in January and May and the amounts for these two months accounted for over 50% of the yearly total at several stations and for over 40% of the yearly total for the State as a whole. Rainfall was the least on record for June and July with Mammoth Spring recording only a trace for these two months, Arkadelphia only 0.05 inch, and several other stations less than 0.25 inch. Showers in August broke the drought in most sections but in some central, northeastern, and western counties there was no relief until in September.

The last killing frost in spring occurred at most stations from March 29th to 31st and the first killing in autumn about October 24th in the northern part of the State and on October 31st in nearly all other sections. Staple crops were damaged little by the frost in the fall but truck which was planted after the end of the drought was damaged in all sections, especially in the northeastern part of the State.

Tornadoes occurred in March, May, and November in which 19 persons were killed, 59 injured, and property valued at $289,400 was destroyed. For details of damage from tornadoes and windstorms, see tabulated data, page 55. T.A.M.

WEATHER BY MONTHS

January:—This was the coldest January since 1918. A severe cold wave overspread the State about the middle of the month bringing temperatures of zero and lower even to the southern border counties. The minimum temperature of 28° below zero at Lead Hill is within 1° of the lowest ever recorded in Arkansas. Temperatures were again below zero in many sections from the 22d to the 24th. Precipitation was heavy to excessive from the 7th to the 14th with many stations reporting from 4.00 inches to 6.00 inches on the 8th, and the number of rainy days, 12, equals the record for the month. Snowfall was heavy especially in the northern part of the State, Cotter reporting a monthly total of 18 inches.

February:—The weather during the month was a decided contrast to that of the preceding month. There were no cold waves nor snow and, with a mean temperature of 52.2°, this was the warmest February on record in Arkansas. Although the precipitation was slightly above normal, more than the usual amount of farm work was done and by the close of the month gardening and the planting of truck were started throughout the State.

March:—The temperature for March averaged 2.3° below normal and precipitation 2.53 inches below. Daily amounts were light and scattered throughout the month with practically none falling after the 25th. Farm work was farther advanced than usual and considerable corn was planted during the middle of the month, but the closing days brought killing frosts to most of the State which resulted in damage to corn and strawberries.

April:—The average precipitation for the State was 1.41 inches which is 3.47 inches below normal, making this the driest April in Arkansas since State wide records have been kept, 1903 with an average of 1.86 inches being the next driest. The average temperature was above normal and the month, as a whole, was unusually favorable for farm work. Cotton planting began the closing days of March in southern counties and at the close of the month was in progress even in the northern part of the State. Corn made good progress in nearly all sections, but rain was needed by the close of the month.

May:—Showers were of daily occurrence in almost all sections from the 2d to the 18th with excessively heavy rains on the 10th and 17th, four to seven inches being measured at several stations. Lowlands were flooded and in many localities land badly washed. Cotton which had not come up had to be replanted even where not submerged. The weather was too cool for cotton to grow rapidly and at the close of the month the plants were small and the fields grassy. Corn made very good progress and was in good condition except where flooded.

June:—The average precipitation for the State was 0.87 inch which is 3.15 inches below normal, this being the driest June of the past 40 years. Only 23 of the 91 stations reporting had monthly totals exceeding an inch and 21 stations had less than 0.25 inch. The dry weather was favorable for the cultivation of all crops, but it was entirely too dry for corn except in a few northwestern counties and at the close of the month it was being damaged throughout southern and eastern sections. Cotton was blooming and in fairly good condition but all crops needed rain badly by the end of the month.

July:—New temperature records were established in July. Not only was this the warmest July on record in Arkansas, but it was also the driest. In many localities the average daily maximum temperature for the month exceeded 100° and the extreme of 115° at Hope, Rison, and Subiaco on the 29th is within 1° of the highest ever recorded in Arkansas. The average precipitation for the State was 0.74 inch which is 3.08 inches below normal. Rainfall was light and scattered throughout the month with the heaviest occurring in the northwestern counties. Twenty nine stations had monthly totals of less than 0.25 inch. The long period of hot, dry weather virtually destroyed crops in many localities in the hill sections of the State and even in the lowlands crops were badly damaged. Most early corn was damaged beyond recovery and at the close of the month cotton was still small and blooming in the top in many localities.

August:—The hot, dry weather of the preceding month continued until the 10th in most northern and northeastern sections of the State, but in southern and western portions there was no relief from the high temperatures until about the 20th. Showers were fairly general during the second decade of the month, but some counties in central, northeastern, and western sections of the State had no relief from the drought even at the close of the month, and during the past 100 days the total precipitation in these areas was less than 2.00 inches. Corn, cotton, and other crops in much of the uplands were virtually destroyed and in all other sections were seriously damaged.

September:—The temperature averaged 1.5° above normal and precipitation 0.67 inch above, but the latter part of the month was cool. Light frost occurred at three stations in the northwestern part of the State on the 27th but no damage was reported. On the night of the 14-15th high winds accompanied by rain were reported throughout the State with Ft. Smith reporting a loss estimated at $100,000.

October:—The mean temperature of 60.1° is the lowest mean for October since 1925. Extremes ranged from 17° at Dutton to 92° at Highland and Hope on the 10th. Precipitation was 1.92 inches above normal and the number of rainy days one above. The heavy rains of the 6th and 7th and the frequent showers from the 21st to the 28th delayed the picking of cotton, but at the close of the month little remained in the fields except in the lowlands. Corn, where matured, was gathered and rice harvested and being threshed.

November:—The opening days of the month were cool with freezing temperatures and killing frosts occurring in southern counties for the first time this fall. The mean temperature of 50.5° with a departure of —1.1° makes the third consecutive November with the average below normal. Precipitation was 0.50 inch above normal with 38 stations showing positive departures and 27 negative.

December:—No extremely cold weather was experienced during the month and the extremes were well within the limits of previous years. Precipitation averaged 2.58 inches which is 1.47 inches below normal. Snow fell at a number of stations from the 15th to the 18th with 34 stations reporting an average of 2.3 inches. The heaviest precipitation occurred in southern and eastern sections of the State; the least in the upper watershed of the Ouachita River and in the Ozarks and the west-central portion of the State.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1930

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing wind direction
	Mean	Departure	Highest	Lowest	Average	Departure	Amt. Snow	Greatest Mo. amount	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	33.8	− 7.3	74	−28	9.16	+5.06	5.0	16.31	12	11	3	17	n.
February	52.2	+ 9.4	86	16	3.92	+0.57	0.0	6.18	6	12	6	10	s.
March	50.4	− 2.3	83	15	2.21	−2.53	0.5	7.55	6	16	6	9	nw.
April	64.9	+ 3.5	96	27	1.41	−3.47	0.0	4.40	6	16	7	7	s.
May	68.8	− 0.2	95	34	10.06	+5.04	0.0	18.51	12	14	7	10	s.
June	76.4	− 0.7	107	39	0.87	−3.15	0.0	6.20	2	22	6	2	s.
July	84.7	+ 4.7	115	42	0.74	−3.08	0.0	3.80	2	21	8	2	sw.
August	81.8	+ 2.1	114	46	2.53	−1.15	0.0	7.93	5	17	10	4	s.
September	75.7	+ 1.5	106	35	4.10	+0.67	0.0	11.80	8	15	8	7	s.
October	60.1	− 2.1	92	17	4.89	+1.92	0.0	8.45	6	17	5	9	n.
November	50.5	− 1.1	87	16	4.15	+0.50	T.	9.35	7	16	4	10	n.
December	40.6	− 1.9	83	9	2.58	−1.47	2.3	5.31	6	15	5	11	nw.
Annual	61.7	+ 0.5	115	− 28	46.62	−1.10	7.8	18.51	78	192	75	98	s.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation			Number of days				Wind Direction
	Yearly average	Departure	Highest	Lowest	Yearly average	Departure	Snowfall inches	Clear.	Partly cloudy	Cloudy	Precip.01 or more	
Means and Extremes	**61 2**		**116**	**−29**	**47.72**			**170**	**95**	**100**	**84**	
1891	60.5	−0.7	108	6	44.49	− 3.23	....	180	94	91	94	s.
1892	60.0	−1.2	106	−14	57.75	+10.03	....	159	98	109	98	s.
1893	60.7	−0.5	103	−13	47.91	+ 0.19	....	185	95	85	75	s.
1894	61.3	+0.1	108	−22	49.05	+ 1.33	....	176	97	92	75	s.
1895	59.8	−1.4	105	−17	44.69	− 3.03	....	167	92	106	83	s.
1896	63.0	+1.8	112	4	38.02	− 9.70	5.2	171	97	98	79	s.
1897	62.4	+1.2	111	− 2	46.52	− 1.20	5.4	178	96	91	76	s.
1898	61.4	+0.2	108	− 4	56.83	+ 9.11	3.4	159	105	102	89	s.
1899	60.6	−0.6	112	−25	41.49	− 6.23	7.0	170	105	90	76	s.
1900	62.0	+0.8	108	− 5	49.03	+ 1.31	2.2	150	120	95	92	s.
1901	61.1	−0.1	116	− 6	35.28	−12.44	3.3	175	111	79	65	s.
1902	60.4	−0.8	108	− 2	51.70	+ 3.98	9.3	150	121	94	81	sw.
1903	59.3	−1.9	105	−12	41.62	− 3.10	7.7	162	107	96	84	sw.
1904	60.5	−0.7	105	− 5	43.45	− 4.27	3.5	169	112	85	78	s.
1905	59.5	−1.7	106	−29	63.65	+15.93	15.5	146	107	112	103	sw.
1906	60.2	−1.0	101	− 7	56.97	+ 9.25	5.2	156	96	113	95	sw.
1907	61.7	+0.5	113	− 8	49.71	+ 1.99	2.5	163	91	111	86	s.
1908	62.1	+0.9	103	0	48.88	+ 1.16	5.4	158	100	108	92	sw.
1909	62.1	+0.9	111	−19	44.05	− 3.67	6.8	173	93	96	83	s.
1910	61.0	−0.2	105	−13	45.21	− 2.51	10.8	172	109	84	84	sw.
1911	62.9	+1.7	107	− 9	49.53	+ 1.81	3.0	152	117	96	95	sw.
1912	59.8	−1.4	106	−16	45.83	− 1.89	11.3	171	110	85	81	sw.
1913	61.6	+0.4	108	− 1	54.01	+ 6.29	7.1	158	107	100	89	s.
1914	61.4	+0.2	110	−11	42.85	− 4.87	16.2	149	109	107	82	s.
1915	60.6	−0.6	107	− 3	53.08	+ 5.36	4.7	163	81	121	82	sw.
1916	61.9	+0.7	107	−16	42.18	− 5.54	6.2	191	76	99	75	s.
1917	59.2	−2.0	106	−21	40.72	− 7.00	12.1	187	74	104	75	s.
1918	61.4	+0.2	115	−23	44.64	− 3.08	18.1	174	76	115	75	s.
1919	61.6	+0.4	113	−10	54.52	+ 6.80	3.4	166	75	124	91	s.
1920	60.7	−0.5	105	− 2	54.28	+ 6.56	4.2	174	74	118	90	s.
1921	64.2	−3.0	107	− 3	47.46	− 0.26	15.3	178	85	102	83	s.
1922	62.7	+1.5	111	7	46.50	− 1.22	5.2	170	83	112	87	s.
1923	61.6	+0.4	109	2	59.85	+12.13	9.0	160	82	123	102	s.
1924	60.1	−1.1	110	− 8	37.03	−10.69	14.3	193	68	105	74	n-s.
1925	63.0	+1.8	113	− 6	42.19	− 5.53	5.4	184	81	100	74	s.
1926	61.3	+0.1	110	−17	49.24	+ 1.63	12.5	175	79	111	88	s.
1927	63.1	+1.9	105	− 2	65.85	+18.13	11.1	161	85	119	99	s.
1928	61.1	−0.1	105	−10	50.50	+ 2.78	6.0	183	76	107	86	s
1929	60.5	−0.7	110	−20	46.10	− 1.62	19.9	162	83	120	93	s.
1930	61.7	+0.5	115	−28	46.62	− 1.10	7.8	192	75	98	78	s.

KILLING FROSTS, 1930

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	Mar. 30	Oct. 31	215	Lead Hill	Apr. 8	Oct. 24	199
Arkadelphia	Mar. 29	Nov. 1	217	LITTLE ROCK	Mar. 26	Nov. 25	244
Arkansas City	Mar. 29	Nov. 1	217	Lurton	Mar. 29	Oct. 31	216
Artberg	Mar. 29	Oct. 24	209	Lutherville	Mar. 30	Oct. 31	215
Batesville	Mar. 31	Oct. 31	214	Magnolia	Mar. 27	Oct. 31	218
Bee Branch	Mar. 31	Oct. 31	214	Malvern	Mar. 31	Oct. 31	214
Bentonville	Mar. 30	Oct. 24	208	Mammoth Spring	Mar. 31	Oct. 24	207
Black Rock	Mar. 31	Oct. 31	214	Marianna	Mar. 29	Oct. 31	216
Blytheville	Mar. 30	Oct. 31	215	Marked Tree	Mar. 31	Oct. 31	214
Booneville	Mar. 30	Oct. 31	215	Marshall	Mar. 31	Oct. 24	207
Brinkley	Mar. 30	Oct. 31	215	Mena	Mar. 30	Oct. 31	215
Calico Rock	Apr. 1	Oct. 31	213	Morrillton	Mar. 30	Nov. 7	222
Camden	Mar. 30	Oct. 31	215	Mountain Home	Mar. 31	Oct. 29	212
Centerpoint	Mar. 29	Nov. 25	241	Mount Ida	Mar. 31	Oct. 31	214
Clarendon	Mar. 30	Oct. 1	215	Newport	Mar. 30	Oct. 31	215
Clinton	Mar. 31	Oct. 30	213	Norman	Mar. 31	Oct. 31	214
Conway	Mar. 30	Oct. 31	215	Oden	Mar. 30	Oct. 24	208
Corning	Mar. 31	Oct. 24	207	Okay	Mar. 30	Oct. 31	215
Corning (River)	Mar. 31	... .	..	Osceola	Mar. 30	Oct. 31	215
Cotter	Mar. 31	Oct. 29	212	Ozark	Apr. 1	Oct. 31	213
Crossett	Mar. 30	Oct. 31	215	Paragould	Mar. 30	Oct. 29	213
Danville	Mar. 29	Oct. 31	216	Patterson	Mar. 30	Oct. 31	215
Dardanelle	Mar. 30	Oct. 31	215	Piggott	Mar. 31	Oct. 31	214
De Valls Bluff	Mar. 30	Oct. 31	215	Pine Bluff	Mar. 26	Oct. 31	219
Dumas	Mar. 30	Oct. 31	215	Pocahontas	Mar. 31	Oct. 31	214
Dutton	Apr. 8	Oct. 18	193	Portland	Mar. 30	Oct. 31	215
El Dorado	Mar. 26	Nov. 7	226	Prescott	Mar. 29	Oct. 31	216
England	Mar. 30	Oct. 31	215	Princeton	Mar. 30	Oct. 30	214
Eureka Springs	Mar. 29	Oct. 31	216	Rison	Mar. 30	Oct. 31	215
Fayetteville	Mar. 30	Oct. 24	208	Rogers	Mar. 31	Oct. 29	212
Fort Smith	Mar. 30	Oct. 31	215	Saint Charles	Mar. 30	Oct. 31	215
Freeman Spr.	Mar. 27	Oct. 24	211	Saint Francis	Mar. 30	Oct. 18	202
Fulton	Mar. 30	Oct. 31	215	Searcy	Mar. 31	Oct. 31	214
Georgetown	Mar. 30	Oct. 31	215	Springbank	Mar. 30	Nov. 1	216
Gilbert	Mar. 31	Oct. 31	214	Story	Mar. 29	Oct. 29	214
Grannis	Mar. 31	Oct. 31	214	Stuttgart	Mar. 29	Oct. 30	215
Gravette	Mar. 30	Oct. 31	215	Subiaco	Mar. 26	Oct. 31	219
Harrison	Mar. 31	Oct. 24	207	Texarkana	Mar. 30	Oct. 31	215
Helena	Mar. 30	Oct. 31	215	Thornburg	Apr. 8	Oct. 24	199
Higden	Mar. 29	Oct. 29	214	Waldron	Mar. 30	Oct. 31	215
Highland	....	Oct. 31	...	Warren	Mar. 26	Oct. 31	219
Hope	Mar. 30	Oct. 31	215	Waters	Mar. 31	Oct. 24	207
Hot Springs	Mar. 30	Oct. 29	213	Whitecliffs	Mar. 29	Nov. 1	217
Index	Mar. 30	Oct. 31	215	Wilson	Mar. 30	Oct. 31	215
Jessieville	Mar. 30	Oct. 25	209	Winslow	Mar. 30	Oct. 18	202
Jonesboro	Mar. 30	Oct. 31	215	Wynne	Mar. 29	Oct. 31	216
Junction	Mar. 31	Nov. 1	215	Yancopin	Mar. 29	Oct. 31	216

Climatological Data for Year, 1930

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date.	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month.	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	700	31	62.3	114	July 29	-8	Jan. 18	35	47.10	11.67	May	0.12	July	3.3	70	145	162	58	s.
Arkadelphia	Clark	250	...	...	...	...	...	...	34	58.43	16.31	Jan.	0.02	July	2.2	83	200^{b}	49^{b}	114^{b}	s.
Arkansas City	Desha	145	...	...	...	...	...	...	46	48.83	13.25	May	0.34	June	1.8	83	189	49	127	...
Arlberg	Stone	700	...	...	...	...	...	...	8	47.44	8.71	Jan.	0.23	June	10.1	62	168^{a}	114^{a}	82^{a}	ne.
Batesville	Independence	277	24	57.7	110	Aug. 9	-18	Jan. 18	31	44.89	10.96	Jan.	0.48	June	7.2	111	227	24	114	se.
Bee Branch	Van Buren	700	37	60.5	111	July 29†	-19	Jan. 18	38	45.83	8.90	May	0.25	June	9.0	77	170	99	96	s.
Bentonville	Benton	1303	25	57.8	103	July 28	-17	Jan. 18	25	43.66	5.82	May	0.82	Mar.	16.7	94	263	37	65	s.
Black Rock	Lawrence	259	...	...	...	...	...	...	28	45.31	10.04	Jan.	0.22	June	7.0	97	229^{a}	19^{a}	116^{a}	s.
Blytheville	Mississippi	252	5	62.5	108	July 28	-8	Jan. 18	5	36.81	11.67	Jan.	0.03	July	9.8	94	156^{b}	96^{b}	111^{b}	s.
Booneville	Logan	465	16	62.5	112	July 29	-18	Jan. 18	16	38.18	10.40	May	1.06	June	3.0	82	181	92	92	s.
Brinkley	Monroe	205	43	62.2	111	July 29	-7	Jan. 18	43	46.23	12.10	Jan.	0.33	June	3.0	77	203	67	95	ne.
Calico Rock	Izard	361	16	58.4	111	Aug. 9	-17	Jan. 18†	26	43.92	7.64	Sept.	0.60	June	10.5	104	140	152	73	sw.
Camden	Ouachita	158	39	62.8	106	July 28†	-4	Jan. 18†	45	61.67	17.68	May	0.06	July	1.0	89	183	56	126	s.
Center Point	Howard	470	27	64.9	112	July 29	-10	Jan. 18	31	49.54	14.08	May	0.00	July	4.5	83	188	87	90	sw.
Clarendon	Monroe	200	...	...	...	...	...	...	26	42.61	10.55	Jan.	0.13	June	5.5	98	183	34	148	s.
Clinton	Van Buren	516	...	...	...	...	...	...	9	49.46	9.28	May	0.13	July	3.8	72	204^{a}	88^{a}	72^{a}	nw.
Conway	Faulkner	309	32	62.6	114	July 28†	-11	Jan. 18	47	36.59	10.36	Jan.	0.02	June	4.8	76	188	112	65	e.
Corning	Clay	293	30	59.7	112	Aug. 9	-16	Jan. 18	37	39.82	11.28	Jan.	0.34	June	7.9	74	248	40	77	sw.
Cotter	Marion	408	...	...	...	...	...	...	3	44.22	7.84	May	0.92	June	20.0	81	185	52	128	s.
Crossett	Ashley	175	15	64.3	113^{a}	July 30	2	Jan. 19	15	44.02	9.59	May	0.23	June	3.8	74	157^{a}	82^{a}	125^{a}	sw.
Danville	Yell	327	...	...	...	...	...	...	14	41.48	9.36	May	0.41	Apr.	3.0	56	221	15	129	e.
Dardanelle	Yell	330	18	63.1	110	July 29	-10	Jan. 18	44	47.79	9.32	May	0.20	July	2.0	84	154	125	86	s.
DeValls Bluff	Prairie	153	...	...	...	...	...	...	3	46.47	12.51	May	0.18	Apr.	2.5	74	219	47	99	...
Dumas	Desha	162	16	64.2	111	July 29	-4	Jan. 18	24	49.91	13.19	May	0.78	July	4.0	91	125	141	99	s.
Dutton	Madison	1590	17	55.2	105	July 29	-23	Jan. 18	27	45.20	9.91	May	0.46	July	7.7	80	183	116	66	s.
El Dorado	Union	270	26	65.4	110	July 29	-1	Jan 18†	29	53.64	12.14	Jan.	0.28	July	2.2	83	128	96	141	se.
England	Lonoke	229	17	63.2	112	July 29	-6	Jan. 18	23	46.69	12.82	Jan.	0.07	July	4.0	84	215^{c}	48^{c}	97^{c}	s.
Eureka Springs	Carroll	1465	29	59.9	106	July 28†	-16	Jan. 18	30	42.30	6.36	May	0.40	July	13.3	83	194	83	88	sw.
Fayetteville	Washington	1451	39	58.9	106	July 28	-23	Jan. 22	43	40.15	7.26	May	0.25	July	15.8	93	184	104	77	s.
Fort Smith	Sebastian	457	49	62.3	108	July 29	-9	Jan. 18	49	30.94	7.44	May	0.75	Mar.	6.5	90	150	114	101	e.
Freeman Springs	Pope	2240	...	...	...	...	...	...	6	51.32	11.46	May	0.89	June	6.7	90	239	43	83	sw.
Fulton	Hempstead	260	...	...	...	...	...	...	44	57.43	13.82	May	0.04	July	3.5	74	194	42	129	...
Georgetown	White	200	...	...	...	...	...	...	18	50.79	13.57	Jan.	0.20	July	3.5	74	181	40	144	...
Gilbert	Searcy	675	...	...	...	...	...	...	7	37.95	7.71	May	0.75	June	16.1	94	156^{a}	143^{a}	65^{a}	...
Grannis	Polk	900	10	...	113	July 29	-14	Jan. 18	11	...	16.45	May	0.08	July	2.0	...	...	...	...	...
Gravette	Benton	1250	32	58.2	107	Aug. 2	-24	Jan. 18	33	45.10	8.14	May	0.14	July	13.3	77	169	121	75	sw.
Harrison	Boone	1052	29	...	107^{a}	July 27	-18	Jan. 18	29	...	11.80	Sept.	...	...	9.8	...	...	...	...	...
Helena	Phillips	250	36	62.8	111	July 28	-9	Jan. 18	58	43.99	12.03	Jan.	0.06	June	3.6	86	145	109	111	n.
Higden	Cleburne	445	...	...	...	...	...	...	12	45.52	8.45	Jan.	0.11	June	4.0	82	178	98	89	s.
Hope	Hempstead	377	24	65.7	115	July 29	-8	Jan. 18	59	52.99	14.96	May	0.36	July	5.5	79	221	55	89	s.
Hot Springs	Garland	600	33	62.8	110	July 13†	-9	Jan. 22	39	55.52	18.51	May	0.25	June	2.0	62	230	83	52	...
Index‡‡	Little River	275	...	...	...	...	...	...	5	54.52	16.13	May	0.12	June	T.	78	157	51	157	...
Jonesboro	Craighead	345	34	61.9	111	Aug. 9	-9	Jan. 18	35	40.00	11.79	Jan.	0.67	July	13.4	93	225	60	80	sw.
Lead Hill	Boone	650	3	58.1	109	July 27†	-28	Jan. 22	3	38.24	6.36	Sept.	0.66	July	17.9	81	240	36	89	s.
LITTLE ROCK	Pulaski	357	51	63.1	108	July 29	-4	Jan. 18	51	41.57	12.47	Jan.	0.01	July	3.0	87	161	89	115	sw.
Lurton	Newton	2100	5	...	...	...	...	...	5	50.48	10.95	May	0.71	July	9.7	104	211^{k}	58^{k}	85^{k}	s.
Lutherville ‡‡	Johnson	775	32	61.3	111	July 29	-17	Jan. 18	32	47.38	10.93	May	0.27	July	9.0	76	192	61	112	se.
Magnolia	Columbia	315	11	65.1	112	July 29	-5	Jan. 18	11	61.23	16.78	May	0.00	July	1.8	65	147^{k}	137^{k}	70^{k}	ne.
Malvern	Hot Springs	277	42	63.5	114	July 29	-11	Jan. 18	43	55.27	15.33	Jan.	0.18	Apr.	6.0	86	250	36	79	ne.
Marianna	Lee	235	18	62.5	108	July 13	-3	Jan. 18	18	33.88	9.96	Jan.	0.00	June	3.5	66	215	83	67	s.
Marked Tree	Poinsett	229	14	60.0	109	Aug. 9	-6	Jan. 18†	25	47.32	12.76	Jan.	0.13	June	5.4	95	174	129	62	n.
Marshall	Searcy	1070	15	58.9	107	July 28†	-24	Jan. 18	16	56.45	12.92	May	1.26	Dec.	11.6	90	205	46	114	sw.
Mena	Polk	1185	38	61.8	109	July 28†	-10	Jan. 18	42	41.93	11.94	May	0.18	July	1.5	84	200	70	95	nw.
Morrillton	Conway	347	9	61.8	111	July 29	-6	Jan. 18	9	39.47	8.50	May	0.27	Apr.	4.0	59	180	72	113	se.
Mount Ida	Montgomery	650	16	60.3	110	July 29	-15	Jan. 18	31	50.74	14.28	May	0.29	June	4.0	68	202	59	104	sw.
Newport	Jackson	231	42	62.0	114	Aug. 9	-10	Jan. 18	46	47.67	14.07	Jan.	0.35	July	4.5	93	199^{a}	69^{a}	96^{a}	n.
Oden	Montgomery	800	...	...	...	...	...	...	4	38.51	10.28	May	0.05	July	2.5	...	181	85	99	sw.
Okay	Howard	288	1	61.0	110	July 29	-4	Jan. 18	1	46.65	10.04	May	0.02	June	1.2	85	147	118	100	s.
Osceola	Mississippi	240	27	62.2	108	July 12†	-8	Jan. 17	32	48.99	12.54	Jan	0.89	June	8.0	71	200^{c}	54^{c}	108^{c}	s.
Ozark	Franklin	396	34	60.5	113	July 29	-16	Jan. 18	34	34.69	8.33	May	0.10	July	5.5	78	219	13	133	se.
Paragould	Greene	301	...	...	...	...	...	...	4	46.81	15.21	Jan.	0.86	July	6.3	77	235	63	67	s.
Patterson	Woodruff	196		...	...	...	...	...	14	50.05	14.35	Jan.	0.49	July	3.0	64	244	18	103	s.
Piggott	Clay	307	...	...	...	...	...	...	6	40.11	11.07	Jan.	0.41	June	6.8	92	212	73	80	sw.
Pine Bluff	Jefferson	215	42	64.2	109	July 29	-2	Jan. 18	43	54.94	14.28	May	0.01	July	3.5	84	186	68	111	sw.
Pocahontas	Randolph	309	36	60.5	110	Aug. 9	-20	Jan. 19	37	44.77	9.43	Jan.	0.94	July	10.0	83	173	79	113	n.
Portland	Ashley	122	24	64.4	107	July 12†	-4	Jan. 19	24	37.66	9.87	May	0.19	June	3.5	77	158	104	103	n.
Prescott	Nevada	329	41	65.2	112	July 29	-4	Jan. 18	42	54.28	12.91	May	0.26	Apr.	2.0	73	220	11	134	n.
Princeton	Dallas	287	...	...	...	...	...	...	24	56.29	13.72	May	0.00	Apr.	3.0	58	256	20	89	...
Rison	Cleveland	243	23	64.8	115	July 29	-4	Jan. 18	29	52.02	13.50	May	0.18	Apr.	4.0	66	205	83	74	sw.
Rogers	Benton	1385	37	58.4	109	July 28	-22	Jan. 22	39	40.74	4.69	Sept.	1.23	July	18.5	77	190	81	94	sw.
Saint Francis	Clay	290	...	...	...	...	...	...	3	43.46	11.43	Jan.	0.78	June	8.0	78	216	47	102	...
Searcy	White	236	15	61.0	109^{b}	July 11	-17	Jan. 18	21	55.35	13.70	Jan.	0.39	June	3.5	92	246	36	83	se.
Springbank‡‡	Miller	240	...	...	...	...	...	...	23	57.50	15.41	May	0.27	July	3.5	79	194	27	144	...
Story	Montgomery	700	...	...	...	...	...	...	6	44.98	10.24	May	0.82	July	6.2	69	212	75	78	n.
Stuttgart	Arkansas	228	40	63.5	112	July 29	-8	Jan. 18	43	46.15	11.63	May	0.18	July	4.0	83	182	100	83	s.
Subiaco	Logan	1050	33	62.7	115	July 29	-11	Jan. 18	33	39.40	8.09	May	0.67	June	11.0	84	172	70	123	s.
Texarkana	Miller	332	44	63.8	110	July 29	-3	Jan. 18	44	61.75	15.35	May	0.15	June*	2.0	67	180	66	116	s.
Thornburg	Perry	650	6	59.9	110	July 29	-15	Jan. 18	6	...	11.40	May	0.26	Apr.	7.2	...	188^{l}	78^{l}	87^{l}	s.
Waldron	Scott	675	...	...	...	...	...	...	11	34.50	10.16	May	0.72	June	5.0	73	164	67	134	nw.
Warren	Bradley	206	36	64.1	107	July 13†	-1	Jan. 18	36	59.00	13.89	May	T.	June	0.2	75	197	117	51	s.
Waters	Montgomery	800	...	...	...	...	...	...	6	43.40	12.85	May	0.42	July	1.4	51	191	61	113	sw.
Whitecliffs	Little River	290	...	...	...	...	...	...	26	43.45	9.04	Jan.	T.	July	2.5	69	183	37	145	se.
Wilson	Mississippi	237	5	61.1	108	July 12	-11	Jan. 18	5	44.61	13.47	Jan.	0.28	July	5.0	88	248	37	80	s.
Winslow	Washington	1734	12	57.0	103	July 29	-19	Jan. 18	15	43.28	9.42	May	0.46	July	9.4	103	147	136	82	s.
Wynne	Cross	250	18	61.2	109	Aug. 9	-10	Jan. 18	22	60.90	16.20	Jan.	0.98	June	6.0	71	184	76	105	s.
Yancopin	Desha	167	...	...	...	...	...	...	6	46.10	12.43	Jan.	0.11	July	2.5	90	185	36	144	...

The departures from normal temperature and precipitation are computed only for stations having ten or more years record, but all complete reports are used in determining section means. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing: for example, ^{b} represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:-Freeman Springs, Dover, Ark., Index, Route 5, Texarkana, Ark., Lutherville, R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark. *Also in July.

Monthly and Annual Mean Temperatures for the Year 1930, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	34 8	− 8.3	51.7	+ 8.7	50.0	− 5.0	65.8	+ 4.6	69.0	− 0.4	78.5	+ 3.7	87.0	+ 6.9	84.3	+ 4.3	76.0	+ 1.8	60.6	− 2.2	49.8	− 2.8	40.6	− 2.2	62.3	+ 0.7
Batesville	28.2	−10.6	46.6^b	+ 6.2	46.4	− 5.8	60.4	+ 1.5	66.2	− 1.6	73.8	− 1.6	82.4	+ 2.6	77.4	− 2.1	72.2	− 0.8	56.3	− 4.9	46.2	− 3.0	35.8	− 4.8	57.7	− 2.0
Bee Branch	33.0	− 8.3	50.6	+ 8.5	48.7	− 3.9	63.4	+ 2.5	66 8	− 1.8	75.2	− 1.6	84 8	+ 4.8	81.0	+ 1.6	75.1	+ 0.7	58.6	− 4.0	49.2	− 2.1	39.8	− 2.4	60.5	− 0.5
Bentonville	25.2	− 8.9	48.8	+10.3	46.3	− 1.0	62.5	+ 5.6	64.7	− 1.7	72.2	− 1 9	80.4	+ 1.9	79.1	+ 2.6	72.8	+ 3.9	56.6	+ 1.4	47.3	+ 0.6	37.6	+ 0.1	57.8	+ 0.8
Blytheville	36.4	.....	52.2	......	50.1^b	......	64.6	......	71.0	......	78.2	......	84.9	......	80 2	......	76.4	......	61.6	......	52.2	......	41.8	......	62.5	......
Booneville	31.2	− 8.8	53.4	+ 6.8	51.6	− 4.8	66.2	+ 4.6	68.6	− 2.5	77.2	− 0.4	85.8	+ 4.7	84.4	+ 3.3	77.4	+ 1.8	61.2	− 2.1	51.6	− 2.2	41.6	− 1.9	62.5	− 0.1
Brinkley	35.6	− 6.2	52.2	+ 9.2	51.4	− 1.0	64.6	+ 3.9	69.8	− 0.2	76.6	− 1.1	85.3	+ 4.5	81.6	− 1.4	76.8	+ 2.2	60 2	− 1.9	51.2	− 0.6	41.1	− 2.3	62.2	+ 0.7
Calico Rock	28.0	− 8.2	47.0	+ 5.8	46.4	− 1.5	61.4	+ 3.3	66.5	− 0.4	73.7	− 2.5	83.5	+ 4.0	79.6	+ 0.7	73.0	+ 1.2	57.4	− 2.8	47.6	− 1.0	37.0	− 2.5	58.4	− 0.4
Camden	37.2	− 7.7	53.4	+ 6.4	51.4	− 4.6	66.3	+ 2.6	71.0	− 0.2	78.0	− 0.2	84.5	+ 3.5	82.8	+ 2.6	75.9	+ 0 5	61.1	− 2.6	50.8	− 1.4	41.5	− 3.6	62 8	− 0.4
Center Point	36.6	− 8.8	54.9	+ 8.7	53.8	− 3.2	68.8	+ 6.1	70.7	− 0.3	79.8	+ 1.2	88.2	+ 6.8	86.0	+ 4.6	79.2	+ 2.5	63.6	0.0	53.4	− 1.2	44.1	− 0.5	64.9	+ 1.3
Conway	33.8	− 8.2	53.2	+ 9.9	52.1	− 1.7	66.0	+ 4.5	70.2	+ 0.1	76.8	− 1.4	86.4	+ 4.8	83.0	+ 1.6	77 0	+ 2.0	60 6	− 2.5	51.2	− 0.6	42.7	− 1.5	62.6	+ 0.6
Corning	29.4	− 7.9	50.8^a	+13.1	47.8	− 3.4	62.8	+ 3.2	68.2	− 0.3	76.6	+ 1.0	84.5	+ 5.6	79.2	+ 1.1	73.8	+ 1.4	57.2	− 1.8	48.0	0.0	37.6	− 1.8	59.7	+ 0.9
Crossett	40.3	− 4.0	54.0	+ 7.3	53.4^c	− 3.2	67.2	+ 3.9	72.5	+ 0.8	78.2	− 0.4	85.8	+ 4.6	83.5	+ 2.3	78.0	+ 3 6	63.0^a	− 2.1	53.0	− 1.4	42.4	− 4.3	64.3	+ 0.6
Dardanelle	34.3	− 5.9	53.7	+10.1	52.3	− 0.1	67.0	+ 5.6	70.0	+ 0.4	78.4	+ 0.6	86.0	+ 4.6	82.5	+ 2.5	77.0	+ 2.6	61.6	− 1.4	52.0	− 0.4	42.0	− 0.2	63.1	+ 1.5
Dumas	40.4	− 2.6	55.1	+ 5.8	53.9	− 3.5	66.2	+ 3.4	72.6	+ 0.4	78.4	− 0.4	86.4	+ 4.8	82.6	+ 2 0	77.6	+ 2.0	61.9	− 3.3	53.0	− 0.9	42.4	− 5.0	64.2	+ 0.2
Dutton	26.8	− 9.1	47.1	+ 9.2	43.4	− 4.7	58.9	+ 2.9	62.8	− 1.3	68.6	− 3.2	77.3	+ 1.8	75.0	+ 0.3	69.8	+ 1.1	53.4	− 4.7	44.9	− 2.7	35.0	− 2.4	55.2	− 1.1
El Dorado	40.4	− 5.4	55.4	+ 7.8	54.2	− 2 2	69.2	+ 5.8	72.2	+ 1.2	79.2	+ 0.2	87.1	+ 5 6	84.6	+ 3.5	78.6	+ 2.2	61.2	− 0.6	54.6	− 0.3	45.0	− 1.0	65.4	+ 1.4
England	36.2	− 6.7	54 6^a	+ 8.6	53.0	− 2.2	66.0^b	+ 3.9	70 8	+ 0.7	77.2	− 0.7	85.5	+ 4.2	82.8	+ 2.5	77.2	+ 2.1	61.7^a	− 1.5	51.4	− 2.3	41.6^a	− 1.6	63.2	+ 0.6
Eureka Springs	28.3	− 9.3	51.4	+11.6	48.3	− 2.7	64.2	+ 5.8	66.6	− 0.2	73.0	− 1.0	83.2	+ 5.2	82.0	+ 4.0	73.8	+ 2.0	58.2	− 2.1	50.2	− 1.4	39.6	+ 0.4	59.9	+ 1.0
Fayetteville	27.0	−11.0	50.0	+10.7	47.6	− 2.3	63.5	+ 5.5	65.0	− 1.2	73 1	− 1.1	82.0	+ 4.0	79.8	+ 2.2	74.2	+ 1.8	57.8	− 3.1	48.3	− 1.5	38.7	− 1.2	58.9	+ 0.2
Fort Smith	29.1	−10.3	53.8	+10.2	50.8	− 1.8	66.4	+ 4.6	68.8	− 0.8	77.1	− 0.4	85.9	+ 4.4	84.8	+ 4.3	77.4	+ 3.4	61.4	− 1.4	51.2	+ 0.2	42.0	− 0.1	62.3	+ 1.0
Grannis	32.8	− 7.7	50.6	+ 5.0	49.6	− 2.1	64.2	+ 3.7	67.0	− 0.1	74.0	− 1.1	82.7	+ 4.0	80.4	+ 1.2	.....	......	..	.....	..	.....	40.8	− 3.9	. .	.....
Gravette	25.3	−11.4	49.6	+11.8	46.8	− 3.0	62.8	+ 6 2	65.6	0.0	71.5	− 2.1	80.9	+ 3.7	80.4	+ 3.2	73.6	+ 2.8	57 2	− 2.8	47.4	− 2.0	37.7	+ 0.1	58 2	+ 0.5
Harrison	27.8	− 8.6	50.2^b	+12.5	47.4^d	− 1.2	63.1^b	+ 6.4	65.4	0.0	....	......	82.2^a	+ 5.7	79.1^c	+ 2.8	.....	......	.....	...	48.0	− 0 7	36.0	− 1.3	....	......
Helena	37.1	− 5.9	53.0	+ 9.4	51.5	− 2.3	65.6	+ 3.2	69.6	− 1.2	77.7	− 0.5	84.8	+ 3.5	81.6	+ 1.0	77.4	+ 2.6	61.7	− 0.8	52.1	− 1.1	42.0	− 2.8	62.8	+ 0.4
Highland	.....	......	.....	......	.....	.....	....	......	....	......	....	......	87 2	......	84.8	......	79.2	......	63.2	.....	53.3	......	44.0	......	..	......
Hope	39.8	− 5.6	54.6	+ 7.0	54.0	− 4.0	69.4	+ 6.2	72.0	+ 0.8	79 6	+ 1.2	87.5	+ 6.9	85.8	+ 4.4	79.7	+ 3.7	64.0	− 1.6	54.3	− 0 3	47.2	+ 0.5	65.7	+ 1.6
Hot Springs	37.2	− 5.9	52.1	+ 5.3	50.6	− 3.7	65.9	+ 3.4	69.5	− 0.3	77.7	− 0.2	86.8	+ 5.4	84.0	+ 3.6	73.4	− 2.0	62.6	− 1.3	51.4	− 1.4	43.0	− 3.2	62.8	− 0.1
Jonesboro	33.3	− 7.1	51.4	+ 9.9	50.0^a	− 2.8	63.6	+ 2.4	68.8	− 1.0	77.8	+ 0.2	86.8	+ 6.9	81.6	+ 1.7	77.2	+ 2.9	60.8	− 1.7	50.7	− 0.7	41.0	0.0	61.9	+ 0.9
Junction	....	......	56.0	+ 8.9	52.6	− 4.6	69.7	+ 4.1	71.2	− 0.6	.. .	. ...	84.6	+ 2.7	82.8	+ 2.0	....	.. ..	61 6	− 2.6	53.8	− 0.1	.....	......	.....	......
Lead Hill	27.2	......	48.5	......	46.2	......	61.3	......	65.9	.....	73.0	.....	82.2	......	79 2	......	72.6	......	56.2	....	47.6	......	37.6	.....	58.1	......
LITTLE ROCK	35.0	− 6.4	54 0	+ 9.1	52.1	− 0.9	66.4	+ 4.3	69.9	− 0.4	78.8	+ 1.4	86.4	+ 5.5	82.8	+ 3 0	76.5	+ 2.4	61 1	− 2.5	51.6	− 0.5	42.3	− 1.9	63.1	+ 1.1
Lurton	....	......	47.8	......	45.3	......	60.9	......	62.8^a	... ..	71.7	......	80.9^a	...	...	......	70 0^a	.. ...	55.7^b	. ..	47.0	.....	36.0	......	.	... .
Lutherville	31.0	− 9.0	51.6	+10.6	49.2	− 3.2	65.2	+ 5.4	67.4	− 0.9	76.6	+ 0.8	86.6	+ 7.2	82.4	+ 3.6	75.2	+ 1 6	59.7	− 2.1	50.6	− 0.6	40.0	− 1.2	61.3	+ 1.0
Magnolia	40.8	− 4.6	55.7	+ 4.4	54.0^b	− 2.3	68.8	+ 4.3	72.2	+ 0.7	78.8	− 0.3	86.4	+ 4.6	84.4	+ 2.5	77.6	+ 0.4	64.0^a	− 1.9	54.4^a	− 0.2	44.4^g	− 4.4	65.1	+ 0.2
Malvern	36.8	− 6.4	53.6	+ 6.7	51.8	− 2.3	66.3	+ 5.2	70.6	+ 0.7	79.2	+ 1.7	86.3	+ 5.3	83.9	+ 4.2	77.4	+ 3.1	61 8	− 1.0	52.0	− 0.2	42.0	− 1.0	63.5	+ 1.4
Mammoth Spring	....	......	.....	......	....	.....	63.7	+ 5.3	67.0	+ 0.8	73.8	− 0.5	82.2	+ 4.2	78.4	+ 1.2	72.2	+ 0.8	57.1	− 1.3	48.2	− 0.4	38.8	+ 0.1	...	
Marianna	36.4	− 3.8	52.9	+ 9.5	51.8	− 3.0	65.2	+ 4.7	70.6	+ 0.4	77.4	− 0.6	85.1	+ 4.9	80.7	+ 1.3	75.5	+ 2.5	59.7	− 3.9	52.9	0.0	42.2	+ 0.2	62 5	+ 1.1
Marked Tree	32.4	− 6.7	49.2	+ 4.8	48.8	− 2.4	62.3	+ 0 4	68.1	− 1.2	76.4	− 1.3	83.5	+ 2.9	79.6	+ 0.4	75.0	+ 0.9	58.3	− 3.4	48.2	− 1.1	38.3	− 2.7	60.0	− 0.9
Marshall	29.1	− 9.3	50.4	+ 6.7	48.8	− 4 8	63.3	+ 2.5	65.8	− 1 4	75.0	− 1.6	82.2	+ 3.4	79.4	+ 0 7	71.8	− 0.7	55.6	− 5.9	48 2	− 3.5	37.4	− 5 4	58.9	− 1.6
Mena	32.8	− 8.5	52.6	+ 9.0	51.1	− 1.5	66.2	+ 4.8	67.7	− 1.2	76.0	− 0.4	85.3	+ 5.5	82.7	+ 3.3	76 0	+ 2.2	60.0	− 2.8	49.8	− 3.3	40.8	− 1.8	61.8	+ 0.5
Morrillton	32.4	......	50.8	......	50 6	.....	65.2	......	68.8	......	77.9	......	86.8	...	83.0	......	75.8	......	60.0	... .	49.8	......	40.1	......	61.8	......
Mountain Home	..	......	50.0	+ 9.3	47.2	− 3.4	62.4	+ 3.0	66.0	+ 0.1	73.2	− 1.6	83.2	+ 5.9	80.5	+ 2.7	73.6	+ 2.6	59.5^i	+ 0.2	49 4	− 0.2	38.8	− 0.9	....	......
Mount Ida	33.3	− 7.4	51.2	+ 5.4	49.2	− 4.0	64.0	+ 2.6	67.0	− 1.3	74.0	− 2.5	82.4	+ 2.9	80.2	+ 0.9	74.4	+ 1.5	59 0	− 2.3	48 5	− 2.6	39.9	− 3.6	60.3	− 0.8
Newport	33.6	− 5.6	52.8	+12.3	51.0^a	− 1.6	64.4	+ 2.6	69.0	− 1.0	77.9	+ 0.1	86.2	+ 5.2	81.6	+ 1.8	76.4	+ 2.6	60.5	− 0.9	50.8	− 0.2	39.9	− 2.0	62.0	+ 1.1
Okay	38.8	.... .	54.6	......	53.4	......	68.0	......	71.1	......	78 7	......	85.1	......	82.8	......	76.9	......	62.1	.....	53.0	......	44.0	.....	64.0	.. ..
Osceola	35.0	− 4.8	51.0	+ 8.7	50.4^c	− 4.4	63.9	+ 4.2	70.2	+ 0.6	78.0	+ 0.8	84.2	+ 4.1	80.4	+ 1.4	77.6	+ 4.1	62 2	+ 0.6	51.6	+ 1.8	41.6	− 1.2	62.2	+ 1.4
Ozark	28.7	−12.3	49.6	+ 6.7	47.8	− 5.6	62.8	+ 0.4	67.2	− 3.2	76.0	− 2.0	85.4	+ 3.6	83.6	+ 2.1	76.2	+ 0.1	60.4	− 3.2	48.8	− 3.4	39.4	− 1.8	60 5	− 1.5
Pine Bluff	38.0	− 5.1	55.4	+10.0	54.6	− 0.2	67.4	+ 3.0	71.0	− 1.0	77.4	− 1.6	86.3	+ 4.1	83.9	+ 2.5	77.9	+ 1.9	62.6	0.0	52.9	+ 0.1	42.9	− 1.5	64.2	+ 1.0
Pocahontas	30.4	− 7.6	50.4	+10.0	48.2	− 3.4	63.3	+ 3.3	68.4	− 0.2	76.3	− 0.1	85.4	+ 3.7	79.7	− 1.3	71.5	− 0.3	59.5	− 3.4	50.2	− 1.0	39.5	− 1.3	60 5	− 0.1
Portland	42.8	− 3.5	56.2	+ 7.7	54.8	− 4.0	67.9	+ 4.2	72.8	+ 1.5	77.4	− 1.8	85.2	+ 3.7	81.8	+ 0.7	76.8	+ 0.4	62.0	− 2.8	53.2	− 0.7	41.8	− 5.6	64.4	0.0
Prescott	38.2	− 5.9	55.9	+ 9.6	55.2	− 0.7	69.7	+ 6.8	72.6	+ 2.4	80.0	+ 1.5	88.0	+ 6.3	85.2	+ 4.0	78.3	+ 2.5	63.4	− 1.0	51.5	− 2.7	44.4	− 1.3	65.2	+ 1.8
Rison	40.2	− 3.4	55.4	+11.0	52.8^c	− 2.2	67.8	+ 4.8	72.2	+ 1.2	78.6	+ 0.7	87.2	+ 6.4	84.8	+ 3.8	77.6	+ 1.8	62.8	− 0.8	53.9	+ 0.8	44.1	− 1.4	61.8	+ 1.9
Rogers	26.6	−10.3	49.5	+11.2	47.6	− 1.8	63.4	+ 5.3	65.6	− 0.5	72.0	− 1.4	81.1	+ 4 1	80.0	+ 3.0	73 7	+ 2.6	56.7	− 2.9	47.6	− 1.7	37.6	− 1 0	58.4	+ 0.5
St. Charles	.....	......	....	......	51.8	......	62.5	......	68.0	......	72.9^f	......	85.8	......	82.6	......	76.9^a	......	61.1	... ..	50.3	.. . .	41.0	......	......	......
Searcy	33.5	− 6.9	51.2	+ 7.5	49.5	− 3.5	63.5	+ 1.9	68.4	− 0.3	76.4	− 0.8	84.8^a	+ 4.1	80.0	+ 0.1	75.3	+ 1.9	59.9	− 1.4	49.8	− 0.9	40.2	− 2 3	61.0	− 0.1
Stuttgart	37.6	− 4.6	53.8	+ 9.6	53.0	− 1.0	66.0	+ 4.0	70.9	+ 1.0	78.6	+ 1.0	86.6	+ 5.9	82.7	+ 2.4	77.3	+ 2.5	61.0	− 1 8	52.2	0.0	42.3	− 1.3	63.5	+ 1.5
Subiaco	31.4	−10.0	52.8	+10.4	51.2	− 2.4	66.4	+ 5.3	69.4	− 0.6	77.9	+ 0.5	87.8	+ 6.5	85.8	+ 4.5	77.6	+ 4.0	60.4	− 3.0	51.4	− 1.6	41.0	− 1.2	62.7	+ 1.1
Texarkana	38.2	− 8.0	54.5	+ 6.7	52.4	− 4.4	68.0	+ 4.2	70.2	− 1.4	78.4	− 0.6	85.6	+ 3.3	83.3^c	+ 1.4	76.8	0.0	61.6	− 3.0	53.0	− 2.4	43.0	− 3.8	63.8	− 0.6
Thornburg	31.1	......	49.8	.....	48 0	......	62.2	......	65.1	......	73.4	......	82.7	......	80.2	......	75.2^d	......	58.6	....	52.2^g	.. ..	40.0^h	......	59.9	......
Warren	40.9	− 4.0	55.7	+10.1	54.4	− 1.7	67.2	+ 4.6	72.2	+ 1.2	79.3	+ 0.5	86.8	+ 5 0	83.2	+ 2.1	75.6	− 0.4	60.6	− 3.2	51.4	− 2.2	42.4	− 2.3	61.1	+ 0.8
Wilson	35.6	......	51.4	......	50.0	......	63.8	......	69.6	......	77.2	......	83.9	......	79.1	......	75.6	......	58 8	......	49.3	.. ...	39.4	......	61.1	......
Winslow	27.4	− 7.7	48.4	+13.8	45.7	− 0.1	61.2	+ 3.6	62.4	− 2.8	70.6	− 0.9	78.8	+ 3.1	78.0	+ 3.0	71.9	+ 3 1	56.4	− 3.0	46.6	+ 0.5	36.7	+ 0 7	57.0	+ 1.1
Wynne	35.2	− 5.0	52.4	+ 8.6	50 3	− 1.3	63.6	+ 2.3	68.4	− 2.0	76.2	− 2.3	84.4	+ 3.4	80.2	+ 0.4	74.6^d	+ 0 8	59 6	− 3 4	49.8	− 2.0	39.3	− 2 5	61.2	− 0.2

Departures from the normal temperatures are based on records of 10 years or more. Reference letters ^{a} ^{b} ^{c} appearing in the table indicate number days missing

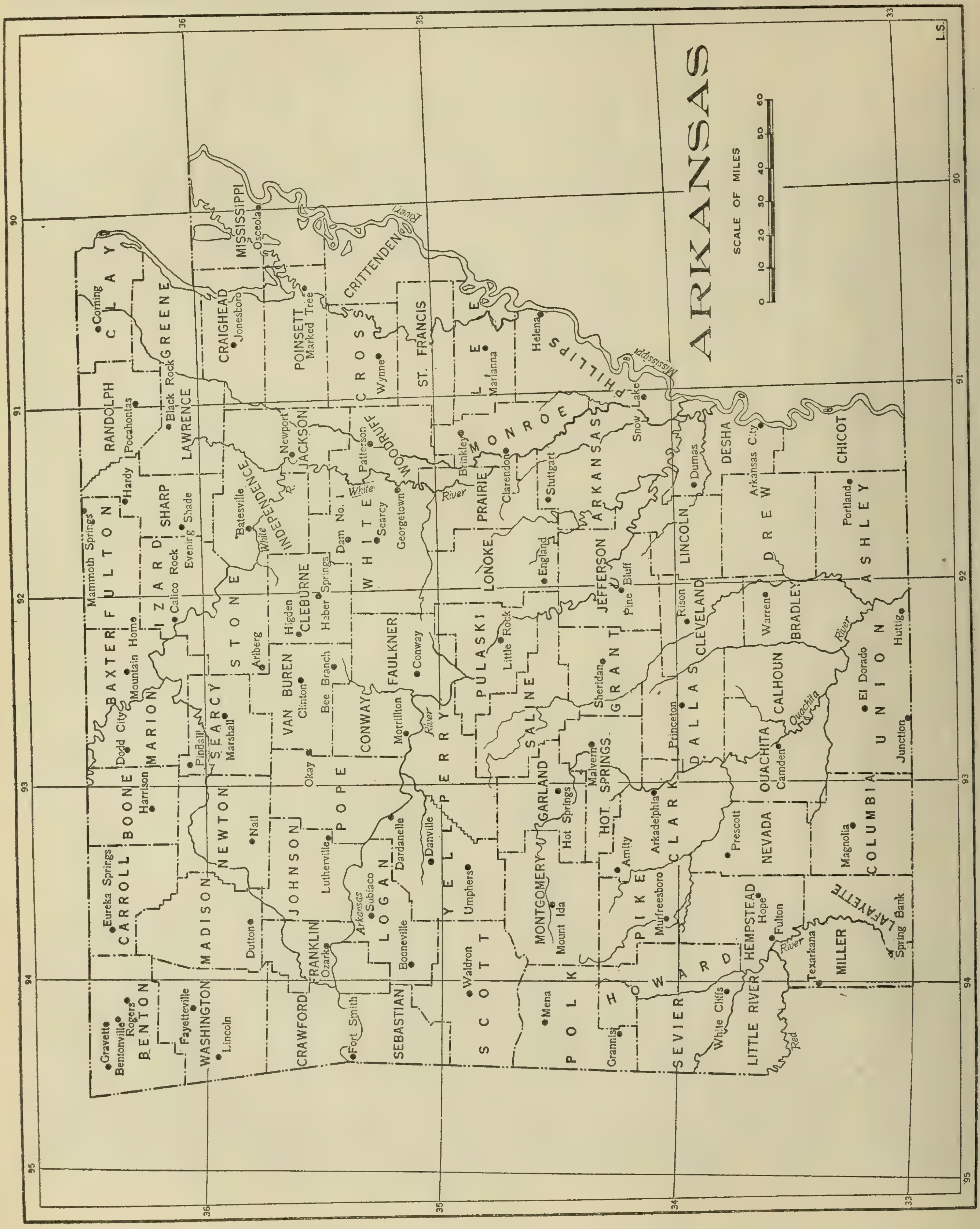
COOPERATIVE OBSERVERS

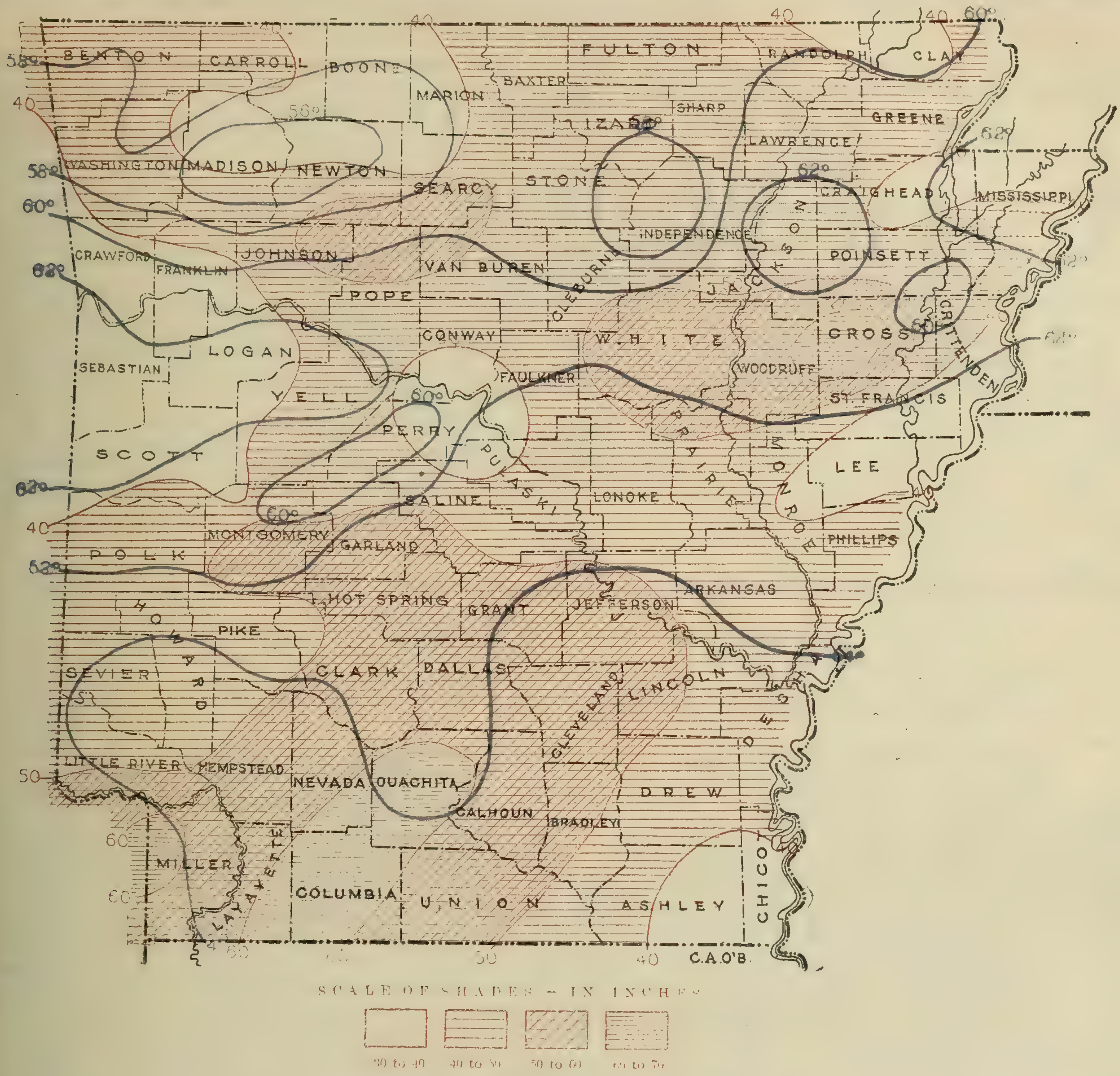
Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
Amity	J. W. Campbell	De Valls Bluff	H. G. Pate	Lead Hill	J. H. Crosswhite	Pine Bluff	Miss Theresa Scheu
Arkadelphia	W. K. Bown	Dumas	Ben Johnson	Little Rock	U. S. Weather Bureau	Pocahontas	Benedictine Sisters
Arkansas City	Herbert Neff	Dutton	J. M. Ricketts	Lurton	I. C. Sutton	Portland	W. E. Edmiston
Arlberg	J. D. Reeves	El Dorado	J. J. Babb	Lutherville	H. G. Lenhardt	Prescott	C. D. Calhoun
Batesville	Mrs. Lelia I. Teter	England	Dr. R. H. Hardin	Magnolia	State Agr. School	Princeton	Mrs. F. P. Coleman
Bee Branch	J. E. Scanlan	Eureka Springs	Geo. W. Nichoalds	Malvern	Mrs. W. L. Matthews	Rison	Mrs. M. V. Tisdale
Bentonville	U. S. Weather Bureau	Fayetteville	University of Ark.	Mammoth Spring	S. F. Whittaker	Rogers	Carl A. Starck
Black Rock	Vernon C. Howe	Fort Smith	U. S. Weather Bureau	Marianna	C. N. Houck	St. Charles	Ballard Deane
Blytheville	Charles Phillips, Jr.	Freeman Springs	J. R. Mc Cuiston	Marked Tree	Chas. Walton	St. Francis	S. T. Rooney
Booneville	F. H. Randolph	Fulton	T. J. Logan	Marshall	A. J. Parks	Searcy	Arthur D. Smith
Brinkley	Robt. J. Torry	Georgetown	W. R. Owens	Mena	E. W. St. John	Springbank	Miss Grace Field
Calico Rock	W. J. Copp	Gilbert	Ben F. Battenfield	Morrillton	John Cook	Story	S. C. Story
Camden	A. B. Quarterman	Grannis	W. E. McVay	Mountain Home	B. S. Halbert	Stuttgart	A. F. Buerkle
Center Point	John C. Floyd	Gravette	A. F. Stevens	Mount Ida	G. A. Whittington	Subiaco	New Subiaco Abbey
Clarendon	J. W. Bishop	Harrison	Dan Robertson	Newport	J. D. Henderson	Texarkana	H. S. Brashear
Clinton	A. L. Stephens	Helena	James A. Burnett	Norman	U. S. Forest Service	Thornburg	Edward E. Holmes
Conway	E. E. Cordrey	Higden	George W. Baker	Oden	U. S Forest Service	Waldron	Dr. Cheves Bevill
Corning	Winfred D. Polk	Highland	Tom W. Stewart	Okay	Frank K. Hensley	Warren	Miss Evelyn Hoyle
Corning (River)	Henry Stafford	Hope	N. P. O'Neal	Osceola	June Thomason	Waters	J. R. Huddleston
Cotter	O. B. McSpadden	Hot Springs	Geo. C Bolton	Ozark	Orkney O. Milton	Whitecliffs	Miss N. O. Schirmer
Crossett	G. A. Gifford	Index	H. G. Sanderson	Paragould	W. R. Heagler	Wilson	M. W. H. Collins
Danville	C. G. Hudson	Jessieville	U. S. Forest Service	Patterson	W. E. Baker	Winslow	J. D. Black
Dardanelle	Geo. N. Goodier	Jonesboro	Benedictine Sisters	Piggott	V. C. Wright	Wynne	R. T. Cobbs
		Junction	J. A. Lowderback			Yancopin	W. E. Barton

Monthly and Annual Precipitation for the Year 1930, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Amity	10.62	+6.11	5.01	+1.24	1.87	-3.39	1.13	-4.49	11.67	+6.05	0.21	-4.43	0.12	-3.84	1.28	-3.08	3.77	+0.48	5.66	+2.68	3.52	-0.44	2.24	-2.17	47.16	-6.28
Arkadelphia	16.31	+12.34	4.58	+0.11	1.45	-3.65	0.10	-5.29	15.85	+10.43	0.03	-5.07	0.02	-3.73	1.51	-3.01	3.89	+1.25	8.39	+5.56	3.39	-0.16	2.91	-1.93	58.43	+6.85
Arkansas City	5.07	+0.37	3.46	-1.04	3.38	-2.04	2.29	-2.37	13.25	+8.67	0.34	-3.90	1.88	-1.98	2.88	-1.04	3.79	+0.87	3.74	+1.54	5.39	+1.60	3.36	-1.53	48.83	-0.85
Arlberg	8.71	......	3.47	......	1.00	......	1.77	......	8.65	......	0.23	......	1.12	......	4.45	......	3.58	......	8.05	......	5.30	......	1.11	......	47.44	......
Batesville	10.96	+6.77	3.68	+0.26	2.50	-1.62	2.05	-2.63	6.51	+1.65	0.48	-3.55	1.33	-1.94	3.61	-0.64	3.28	-0.62	6.08	+3.22	2.42	-1.13	1.96	-1.95	41.89	-2.18
Bee Branch	7.16	+3.06	4.12	+0.49	2.28	-2.90	2.14	-2.83	8.90	+4.09	0.25	-3.87	0.60	-3.11	4.17	+0.30	3.77	+0.65	7.42	+4.60	3.52	+0.09	1.50	-2.45	45.83	-1.88
Bentonville	4.91	+2.28	3.34	+0.82	0.82	-3.00	2.46	-1.43	5.82	+0.60	4.74	+0.18	2.00	-2.31	2.62	-1.42	5.73	+2.26	4.38	+1.57	4.26	+1.27	2.58	-0.18	43.66	+0.64
Black Rock	10.04	+5.74	2.87	-0.26	2.50	-1.72	1.99	-3.42	7.20	+2.27	0.22	-3.12	1.93	-1.96	2.95	-1.40	4.34	+1.10	5.93	+3.36	3.26	-0.89	2.08	-1.67	45.31	-1.97
Blytheville	11.67	......	4.14	......	2.74	......	1.10	......	5.35	......	1.03	......	0.03	......	0.28	......	3.19	......	2.55	......	1.96	......	2.82	......	36.81	......
Booneville	4.67	-0.16	2.28	+0.21	1.81	-1.61	2.05	-2.14	10.40	+5.72	1.06	-3.13	1.95	-1.16	2.94	-0.05	2.97	-0.21	3.14	+0.25	3.30	-0.72	1.61	-1.24	38.18	-4.24
Brinkley	12.10	+7.13	5.34	+1.38	0.90	-5.07	1.07	-4.35	9.61	+4.81	0.33	-3.11	0.64	-3.45	1.24	-2.28	4.43	+1.20	3.95	+1.03	3.24	-0.95	3.35	-1.59	46.23	-5.25
Calico Rock	7.15	+3.57	3.24	+0.82	1.79	-1.76	1.78	-2.91	5.75	+1.30	0.60	-2.95	1.26	-2.18	2.61	-2.49	7.64	+4.07	7.34	+4.83	3.24	+0.15	1.52	-1.47	43.92	+0.96
Camden	11.92	+7.32	4.73	+0.73	3.12	-2.05	0.55	-4.39	17.68	+13.24	1.09	-3.60	0.06	-3.85	3.53	+0.27	3.77	+0.45	5.48	+2.67	4.90	+0.83	4.84	+0.17	61.67	+11.79
Center Point	8.63	+4.89	5.12	+1.90	1.48	-3.59	3.03	-2.32	14.08	+7.80	0.34	-4.04	0.00	-4.10	0.74	-2.61	2.48	-1.19	5.90	+3.04	5.18	+1.80	2.56	-1.69	49.54	-0.11
Clarendon	10.55	+6.21	5.35	+1.56	1.80	-3.49	1.03	-5.39	9.22	+4.16	0.13	-3.21	0.19	-3.15	0.56	-3.65	3.23	-0.37	4.08	+1.04	2.93	-0.97	3.54	-1.47	42.61	-8.64
Clinton	7.94	......	4.46	......	1.49	......	1.73	......	9.28	......	1.55	......	0.13	......	4.69	......	2.86	......	8.00	......	6.03	......	1.30	......	49.46	......
Conway	10.36	+6.11	3.82	+0.16	1.59	-3.10	0.22	-4.43	8.07	+3.34	0.02	-4.03	0.43	-2.89	1.55	-1.96	4.05	+0.54	2.88	+0.23	2.34	-1.76	1.26	-2.88	36.59	-10.67
Corning	11.28	+7.59	3.19	-0.32	2.32	-2.38	1.82	-3.06	5.08	+0.72	0.34	-3.78	0.70	-2.77	1.19	-2.45	4.80	+1.08	4.31	+1.04	2.54	-1.14	2.25	-1.70	39.82	-7.17
Corning (river)	10.29	......	4.16	......	2.79	......	1.61	......	3.86	......	0.35	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Cotter	6.15	......	2.05	......	1.14	......	2.74	......	7.84	......	0.92	......	2.35	......	3.04	......	6.29	......	6.51	......	3.80	......	1.39	......	44.22	......
Crossett	6.84	+1.67	2.66	-0.32	2.09	-3.13	1.46	-3.06	9.59	+5.50	0.23	-5.28	0.43	-4.15	2.03	-2.22	2.24	-0.26	7.58	+4.28	4.99	+1.22	3.88	-0.17	44.92	-5.92
Danville	6.15	+2.76	3.52	+1.50	2.46	-1.90	0.41	-3.51	9.36	+5.55	0.62	-2.74	1.34	-1.80	3.39	-0.14	4.30	+1.35	4.28	+0.47	4.72	+1.19	0.99	-1.97	41.48	+0.76
Dardanelle	5.94	+2.65	5.17	+2.14	2.50	-1.96	0.61	-3.43	9.32	+3.82	0.61	-3.03	0.20	-3.33	4.36	+0.63	5.73	+2.44	6.09	+3.45	5.44	+1.94	1.82	-1.38	47.79	+3.94
De Valls Bluff	12.36	......	5.56	......	1.93	......	0.18	......	12.51	......	0.43	......	0.20	......	1.62	......	2.46	......	2.82	......	2.77	......	3.63	......	46.47	......
Dumas	11.36	+6.37	3.82	-0.23	3.01	-2.84	1.77	-3.18	13.19	+7.97	0.94	-3.19	0.78	-2.64	1.03	-2.93	2.30	-1.50	3.80	+0.52	3.91	+0.02	4.00	-1.36	49.91	-2.99
Dutton	5.82	+1.90	2.22	-0.70	1.67	-2.73	2.07	-3.69	9.91	+3.47	1.87	-3.63	0.46	-3.78	1.99	-2.46	6.07	+1.97	5.35	+2.35	5.74	+2.55	2.03	-1.40	45.20	-6.35
El Dorado	12.14	+3.95	4.93	+1.59	2.16	-2.28	0.86	-4.28	11.19	+6.64	1.01	-2.23	0.28	-2.99	1.23	-2.09	3.33	+0.47	5.69	+2.86	5.73	+2.51	5.09	+0.43	53.64	+9.63
England	12.82	+8.76	4.58	+0.40	1.38	-3.91	0.27	-5.97	11.15	+7.06	0.34	-3.32	0.07	-2.34	0.63	-3.97	6.90	+3.20	2.79	-0.09	2.77	-0.94	2.99	-1.59	46.69	-2.71
Eureka Springs	4.99	+1.91	3.25	+0.61	1.5[illegible]	-2.42	3.63	-1.04	6.36	+0.53	4.51	-1.20	0.40	-3.55	1.55	-3.67	4.96	+1.00	4.95	+1.92	3.15	+0.29	3.05	+0.63	42.30	-4.95
Fayetteville	4.52	+1.53	2.92	+0.38	2.69	-1.39	2.81	-1.71	7.26	+1.65	3.85	-0.72	0.25	-3.87	2.76	-1.45	4.31	+1.13	3.65	+0.46	2.32	-0.76	[illegible]	+0.20	40.15	-4.55
Fort Smith	3.96	+1.42	1.91	-0.65	0.75	2.26	1.85	-2.09	7.44	+2.62	2.00	-1.72	1.19	-2.18	0.95	-2.33	2.47	-0.52	2.94	-0.05	2.78	-0.09	2.70	-0.06	30.94	-7.91
Freeman Springs	6.61	......	3.10	......	1.39	......	1.68	......	11.46	......	0.81	......	3.31	......	5.09	......	5.88	......	5.91	......	4.78	......	1.22	......	51.32	......
Fulton	12.47	+8.38	5.63	+2.62	3.21	-1.36	0.82	-3.61	13.82	+9.25	0.21	-3.72	0.04	-3.37	1.44	-1.48	4.51	+2.07	4.92	+2.55	7.33	+3.82	3.03	-1.28	57.43	+13.87
Georgetown	13.57	+8.08	5.18	+1.90	2.93	-2.80	1.18	-4.57	10.95	+7.02	0.70	-2.75	0.20	-2.44	3.81	-0.41	4.43	+0.45	3.05	-1.08	2.10	-1.49	2.69	-1.58	50.79	+0.33
Gilbert	5.95	......	2.30	......	1.40	......	2.49	......	7.71	......	0.75	......	1.02	......	1.91	......	4.89	......	5.63	......	2.45	......	1.45	......	37.95	......
Grannis	7.09	+1.84	5.06	+0.97	2.72	-2.45	2.23	-4.22	16.45	+10.04	0.57	-4.32	0.08	-3.99	2.21	-1.13	......	......	......	......	......	......	2.47	-1.73	......	......
Gravette	4.25	+1.75	2.91	+1.07	0.54	-3.16	2.75	-1.36	8.14	+2.62	6.2.	+0.79	0.14	-4.05	2.45	-1.53	6.85	+3.44	4.50	+1.46	4.17	+1.16	2.26	+0.01	45.10	+2.20
Harrison	4.20	+1.31	2.17	-0.43	2.03	-1.14	4.40	-0.2	6.03	+0.94	......	......	0.43	-3.89	4.38	+0.66	11.80	+8.21	5.40	+2.71	3.05	+0.26	1.22	-1.28	......	......
Helena	12.03	+6.66	3.12	-1.59	1.90	-4.28	0.56	-5.12	9.40	+4.91	0.06	3.87	1.34	-2.46	1.99	-1.85	3.17	-0.26	2.10	-0.46	4.31	-0.18	4.01	-0.93	43.99	-9.43
Higden	8.45	......	3.76	......	2.31	......	3.09	......	8.0.	......	0.11	......	0.31	......	3.80	......	4.31	......	5.96	......	3.71	......	1.69	......	45.52	......
Highland	......	......	......	......	......	......	......	......	......	......	......	......	0.16	......	1.65	......	1.63	......	8.45	......	4.85	......	2.37	......	......	......
Hope	8.7[illegible]	+3.72	5.52	+1.53	2.89	-2.41	0.55	-4.91	14.96	+9.75	0.46	-3.43	0.36	-4.16	1.28	-2.32	2.72	-0.27	5.52	+2.17	6.40	+1.92	3.63	-0.71	52.99	+0.89
Hot Springs	12.06	+7.30	5.51	+1.89	1.64	-3.74	0.34	-5.68	18.51	+12.86	0.25	-4.35	1.16	-3.07	2.11	-1.79	2.37	-1.10	6.20	+3.09	3.14	-1.16	2.33	-1.85	55.52	+2.42
Index	7.19	......	3.86	......	2.66	......	0.99	......	16.15	......	0.12	......	0.15	......	6.96	......	3.38	......	5.70	......	4.91	......	2.47	......	54.52	......
Jessieville	9.36	......	4.47	......	1.70	......	0.76	......	10.56	......	1.33	......	1.21	......	4.19	......	5.60	......	7.90	......	5.83	......	......	......	......	......
Jonesboro	11.79	+6.56	3.83	-0.03	2.69	-2.22	1.41	-3.39	5.84	+1.61	0.70	-3.00	0.67	-2.89	1.87	-1.67	2.62	-0.87	3.28	-0.05	2.39	-1.07	2.91	-1.71	40.00	-8.73
Junction	......	......	2.69	-0.73	1.10	-4.29	0.64	-4.23	10.86	+6.30	......	......	0.56	-3.51	0.88	-2.68	......	......	5.70	+2.65	5.22	+1.89	......	......	......	......
Lead Hill	4.81	......	2.46	......	2.22	......	2.73	......	4.74	......	1.58	......	0.66	......	3.29	......	6.36	......	4.60	......	3.35	......	1.41	......	38.24	......
LITTLE ROCK	12.47	+7.74	4.40	+0.56	1.99	-2.63	0.17	-5.02	11.12	+6.34	0.12	-3.64	0.01	-3.49	0.65	-3.10	2.86	-0.31	3.12	+0.41	2.38	-1.81	2.28	-1.86	41.57	-6.81
Lurton	6.41	......	2.64	......	1.94	......	2.21	......	10.95	......	1.71	......	0.71	......	6.34	......	5.99	......	5.34	......	4.70	......	1.54	......	50.48	......
Lutherville	6.58	+3.14	3.2.	+0.20	1.58	-2.19	1.48	-2.98	10.93	+5.86	0.85	-3.62	0.27	-3.23	7.15	+2.98	5.23	+1.78	4.17	+0.49	4.45	+1.02	1.42	-2.12	47.38	+1.33
Magnolia	10.18	+4.86	4.60	+1.07	4.17	-0.71	0.62	-4.45	16.78	+11.87	0.30	-3.12	0.00	-3.24	6.36	+3.09	3.80	+1.38	4.28	+0.45	5.30	+0.71	4.84	+0.03	61.23	+11.94
Malvern	15.33	+9.84	5.85	+2.35	1.42	-3.8[illegible]	0.18	-4.99	12.54	+7.94	0.54	-3.62	0.40	-3.05	1.84	-1.81	3.67	+0.49	8.20	+5.49	2.99	-1.59	2.31	-2.39	55.27	+4.83
Mammoth Spring	......	......	......	......	......	......	1.68	-3.54	6.57	+2.27	T.	-4.32	T.	-3.57	3.11	-1.33	6.73	+3.12	6.70	+3.91	2.87	-0.45	0.95	-2.13	......	......
Marianna	9.96	+5.18	4.61	+0.69	2.01	-3.67	0.48	-3.39	5.50	+0.57	0.00	-4.52	0.78	-2.97	0.99	-1.62	2.63	-0.61	1.49	-2.20	3.07	+0.07	2.41	-2.15	33.88	-14.62
Marked Tree	12.76	+7.27	5.51	+2.05	3.62	-1.39	1.41	-4.18	10.80	+6.11	0.13	-2.80	0.63	-2.77	1.00	-2.97	1.92	-0.52	3.40	-0.86	2.59	-1.91	3.55	-0.93	47.32	-2.90
Marshall	6.57	+2.73	3.02	+0.80	1.88	-2.37	2.62	-3.48	12.92	+6.80	3.56	-0.34	3.80	+0.53	3.91	-0.89	4.62	+0.74	6.69	+3.98	5.60	+1.71	1.26	-2.37	56.45	+7.84
Mena	5.06	+1.27	1.60	-1.61	2.24	-2.73	0.83	-4.93	11.94	+5.47	2.30	-2.54	0.18	-3.87	2.93	-1.97	4.05	+0.46	3.52	+0.15	5.42	+1.96	1.86	-2.01	41.93	-10.35
Morrillton	7.98	......	4.23	......	2.04	......	0.27	......	8.50	......	0.32	......	0.53	......	1.33	......	2.98	......	7.02	......	2.85		1.42	......	39.47	......
Mountain Home	......	......	2.45	+0.67	1.68	-2.83	2.05	-1.15	6.22	+0.76	1.41	-2.88	0.91	-3.51	1.46	-2.44	6.63	+2.57	7.13	+3.68	4.20	+0.94	1.46	-2.11	......	......
Mount Ida	6.94	+2.63	4.30	+0.18	[illegible]	-3.81	1.01	-4.70	14.28	+8.46	0.29	-4.35	1.92	-1.60	3.22	-0.51	2.18	-1.01	4.88	+1.23	9.20	+5.16	1.52	-2.67	50.74	-0.99
Newport	14.07	+9.15	3.52	-0.10	2.95	-1.94	2.48	-2.51	8.16	+3.89	0.72	-2.92	0.35	-2.81	3.86	+0.38	3.56	-0.19	3.40	+0.73	1.96	-2.44	2.64	-1.22	47.67	+0.02
Norman	7.92	......	4.95	......	1.45	......	1.39	......	11.93	......	1.08	......	......	......	......	......	3.11	......	5.66	......	9.35	......	1.68	......	......	......
Oden	5.27	......	3.96	......	1.66	......	0.77	......	10.28	......	0.83	......	0.05	......	0.78	......	3.58	......	8.85	......	5.97	......	1.48	......	38.51	......
Okay	8.63	......	4.36	......	1.62	......	1.52	......	10.04	......	0.02	......	0.05	......	2.46	......	3.61	......	6.64	......	5.14	......	2.56		46.65	......
Osceola	12.54	+7.39	4.95	+1.23	4.14	-1.28	1.37	-2.89	10.60	+5.82	0.89	-2.57	2.40	-1.16	0.95	-1.88	3.05	+0.39	2.84	+0.59	2.09	-2.76	3.17	-0.98	48.99	+1.90
Ozark	3.21	+0.72	2.20	-0.35	1.23	-2.92	2.05	-2.49	8.33	+2.79	1.11	-3.16	0.10	-3.25	1.40	-2.66	3.95	+0.96	3.80	+0.95	4.67	+1.49	2.64	-0.60	34.69	-8.52
Paragould	15.21	......	4.65	......	4.47	......	1.04	......	5.74	......	0.99	......	0.86	......	1.98	......	2.32	......	3.98	......	2.76	......	2.78	......	46.81	......
Patterson	14.35	+9.66	3.92	+0.93	2.96	-3.65	1.01	-5.27	9.61	+4.97	1.22	-2.88	0.49	-2.67	2.17	-0.56	4.57	+1.81	3.37	-0.82	2.91	-2.11	3.41	-0.59	50.05	-1.18
Piggott	11.07	......	4.02	......	3.40	......	1.39	......	4.46	......	0.41	......	0.89	......	1.73	......	3.78	......	3.90	......	2.64	......	2.42	......	40.11	......
Pine Bluff	12.09	+7.05	4.94	+0.94	2.48	-3.03	0.54	-4.96	14.28	+9.70	0.05	-3.82	0.01	-3.51	0.60	-2.74	6.76	+3.15	5.94	+3.33	3.83	-0.30	3.42	-1.55	54.94	+4.20
Pocahontas	9.43	+5.19	3.78	+0.51	2.34	-2.31	2.02	-2.76	5.72	+1.23	1.00	-2.95	0.94	-3.58	4.84	+0.28	4.31	+0.73	5.72	+2.90	2.45	-1.06	2.22	-1.42	44.7[illegible]	-3.24
Portland	4.27	-0.78	2.92	-1.37	2.04	-3.22	1.00	-4.30	9.87	+3.53	0.19	-3.95	0.71	-3.79	0.93	-3.04	2.77	+0.02	4.01	+1.27	5.06	+1.40	3.95	-1.55	37.66	-15.78
Prescott	10.83	+6.49	4.85	+1.33	2.91	-1.70	0.26	-5.13	12.91	+7.91	0.47	-3.27	0.92	-2.20	4.51	+1.13	2.54	-0.44	4.79	+2.30	5.39	+1.90	3.90	-0.21	54.28	+8.11
Princeton	12.76	+8.47	5.19	+1.35	1.52	-3.60	0.00	-5.52	13.72	+8.53	0.27	-3.88	0.24	-4.15	2.83	-0.51	5.84	+2.51	7.31	+4.53	3.89	-0.07	4.72	-0.62	58.29	+7.04
Rison	11.82	+6.48	4.53	+1.39	2.11	-3.20	0.18	-4.39	13.50	+9.85	0.42	-3.53	0.83	-2.47	1.97	-1.40	3.65	+0.28	4.93	+2.05	4.20	+0.82	3.88	+0.17	52.02	+6.05
Rogers	4.22	+1.76	2.95	+1.07	1.26	-2.33	2.87	-1.48	4.22	-0.96	4.15	-0.46	1.23	-2.88	4.65	+1.09	4.69	+1.19	4.38	+1.57	3.57	+0.64	2.55	+0.25	40.74	-0.54
St. Charles	......	......	......	......	1.31	......	0.88	......	9.59	......	0.27	......	0.43	......	1.96	......	1.21	......	3.11	......	3.11	......	3.49	......	......	......
St. Francis	11.43	......	3.92	......	3.00	......	1.73	......	5.03	......	0.78	......	1.28	......	2.71	......	4.92	......	3.35	......	3.00	......	2.31	......	43.46	......
Searcy	13.70	+9.52	4.38	+0.83	2.79	-2.68	0.89	-4.55	9.18	+4.33	0.39	-3.11	3.02	+0.53	7.93	+4.20	4.79	+1.50	3.47	+0.28	2.29	-3.19	2.52	-2.20	55.35	+5.46
Springbank	7.02	+3.02	6.18	+2.51	3.74	-1.05	0.36	-7.06	15.41	+11.17	0.87	-3.49	0.27	-3.31	3.61	-0.58	3.36	+0.06	5.59	+2.53	6.48	+3.01	4.61	-0.24	57.50	+6.57
Story	5.77	......	4.07	......	2.09	......	1.06	......	10.24	.	0.64	......	0.82	......	2.30	......	3.46	......	5.40	......	7.53	......	1.59	......	44.98	......
Stuttgart	10.77	+5.86	4.71	+1.10	2.01	-3.76	0.56	-4.66	11.63	+6.94	0.26	-3.85	0.18	-3.70	2.12	-1.46	2.92	-0.52	3.51	+0.58	4.16	+0.17	3.32	-1.39	46.15	-4.69
Subiaco	6.48	+3.28	2.34	-0.35	2.06	-0.75	2.21	-2.07	8.09	+2.51	0.67	-3.30	1.22	-2.16	0.73	-3.15	6.65	+3.41	3.44	+0.35	4.19	+1.07	1.32	-1.66	39.40	-2.82
Texarkana	11.02	+7.78	4.59	+1.65	3.91	-0.28	1.87	3.36	15.35	+11.25	0.15	-3.48	0.15	-3.27	3.93	+0.73	3.65	+0.92	6.78	+4.07	6.70	+3.55	3.65	+0.12	61.75	+19.68
Thornburg	9.71	......	4.87	......	1.06	......	0.26	......	11.40	......	0.33	......	1.56	......	1.71	......	5.92	......	5.54	......	......	......	1.42	......	......	......
Waldron	5.08	+1.11	1.91	-1.14	1.45	-2.28	0.81	-5.27	10.16	+4.68	0.73	-3.52	1.17	-2.27	1.54	-1.08	2.44	-0.93	3.17	-1.32	4.16	+0.32	1.88	-1.66	34.50	-13.36
Warren	12.10	+7.55	4.11	-0.17	3.43	-2.15	0.70	-4.65	13.89	+9.30	T.	-3.98	0.80	-2.63	2.95	-1.25	3.94	-0.24	6.40	+2.91	5.37	+1.40	5.31	-0.12	59.00	+5.97
Waters	5.36	......	3.72	......	1.89	......	1.15	......	12.85	......	1.24	......	0.42	......	2.21	......	3.11	......	4.19	......	5.98	......	1.28	......	43.40	......
Whitecliffs	9.04	+5.92	3.39	+0.37	2.28	-1.91	2.50	-3.61	7.76	+2.86	0.07	-3.44	T.	-2.14	2.20	-1.21	3.65	+0.66	5.35	+2.37	5.16	+2.22	2.65	-1.24	43.45	+0.85
Wilson	13.47	......	4.45	......	3.70	......	1.45	......	10.59	......	0.45	......	0.28	......	0.96	......	2.33	......	2.12	......	1.95	......	2.86	......	44.61	......
Winslow	5.52	+2.99	2.66	+0.11	1.26	-3.94	1.56	-2.77	9.42	+2.12	2.88	-2.16	0.46	-4.82	0.91	-4.16	5.00	+1.33	4.89	+0.33	5.94	+3.06	2.78	-1.66	43.28	-9.57
Wynne	16.20	+11.45	5.00	+1.46	7.55	+2.55	1.75	-3.84	10.15	+5.69	0.98	-2.57	1.30	-2.48	2.00	-1.98	4.85	+1.42	3.17	-0.72	3.70	+0.05	4.25	-0.51	60.90	+10.52
Yancopin	12.43	......	3.28	......	2.36	......	1.31	.	11.00	......	0.62	......	0.11	......	0.42	......	3.26	......	4.55	......	3.49	......	3.27	......	46.10	......

Departures from the normal precipitation are based on records of ten or more years.


ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.
36
35
34
33
90
91
92
93
94
95
BENTON
CARROLL
BOONE
MARION
BAXTER
FULTON
RANDOLPH
CLAY
GREENE
LAWRENCE
SHARP
IZARD
STONE
SEARCY
NEWTON
MADISON
WASHINGTON
CRAWFORD
FRANKLIN
JOHNSON
POPE
VAN BUREN
CLEBURNE
INDEPENDENCE
JACKSON
CRAIGHEAD
MISSISSIPPI
POINSETT
CRITTENDEN
CROSS
ST. FRANCIS
WOODRUFF
WHITE
FAULKNER
CONWAY
SEBASTIAN
LOGAN
YELL
PERRY
SCOTT
POLK
MONTGOMERY
GARLAND
SALINE
PULASKI
LONOKE
PRAIRIE
MONROE
LEE
PHILLIPS
ARKANSAS
JEFFERSON
GRANT
HOT SPRINGS
PIKE
HOWARD
SEVIER
LITTLE RIVER
HEMPSTEAD
NEVADA
CLARK
DALLAS
CLEVELAND
LINCOLN
DESHA
DREW
BRADLEY
CALHOUN
OUACHITA
COLUMBIA
UNION
ASHLEY
CHICOT
LAFAYETTE
MILLER
Gravette
Bentonville
Rogers
Fayetteville
Lincoln
Eureka Springs
Harrison
Dodd City
Mountain Home
Mammoth Springs
Corning
Pocahontas
Hardy
Black Rock
Evening Shade
Calico Rock
Pindall
Marshall
Nail
Dutton
Ozark
Fort Smith
Lutherville
Subiaco
Dardanelle
Danville
Booneville
Waldron
Umphers
Mena
Grannis
Mount Ida
Hot Springs
Malvern
Amity
Arkadelphia
Murfreesboro
White Cliffs
Prescott
Hope
Fulton
Texarkana
Spring Bank
Magnolia
Camden
Junction
El Dorado
Huttig
Warren
Rison
Princeton
Sheridan
Pine Bluff
England
Little Rock
Stuttgart
Clarendon
Brinkley
Marianna
Helena
Snow Lake
Dumas
Arkansas City
Portland
Conway
Morrilton
Clinton
Okay
Bee Branch
Arlberg
Higden
Heber Springs
Batesville
Dam No. 1
Searcy
Georgetown
Patterson
Newport
Wynne
Marked Tree
Jonesboro
Osceola
Mississippi
River
White R.
White River
Arkansas River
Ouachita River
Red River



MISCELLANEOUS PHENOMENA, 1930

Number of reports and number of days on which reported

Month	Hail, moderate		Hail, heavy		Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Solar Halos		Lunar Halos		Light Haze		Killed by Lightning	Meteor (date)
	Reports	Days with	Reports	Days with	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days	Reports	Days	Reports	Day		
January	...	...	...	...	52	10	47	13	73	12	33	11	...	...	...	...	...	...	...	...	4	4	5	4	...	...	...	...
February	...	...	...	...	57	10	37	9	3	1	...	...	...	...	...	...	...	...	...	...	2	2	2	1	...	...	...	...
March	...	...	...	...	98	12	5	5	8	3	...	...	...	...	...	1	1	0	5	$ 30,000	3	3	1	1	...	...	...	...
April	1	1	...	...	176	22	15	6	...	...	...	...	...	...	...	...	...	...	...	...	7	6	...	...	...	...	...	...
May	1	1	1	1	519	28	4	4	...	...	...	...	2	2	$ 1,000	5	1	18	42	$ 22,000	5	5	3	3	...	...	...	...
June	...	...	...	...	111	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	7	2	2	...	...	...	...
July	...	...	...	...	324	28	...	...	...	...	...	...	1	1	Consid.	...	...	...	...	...	5	5	7	7	...	...	...	...
August	...	...	1	1	415	22	6	5	...	...	...	...	1	1	$ 400	...	...	...	...	...	3	3	2	2	...	...	...	...
September	2	2	2	2	313	21	20	11	...	...	...	...	8	6	$159,500	...	...	...	...	...	9	8	5	5	...	...	2	...
October	...	...	...	...	45	10	74	21	...	...	...	...	...	...	...	...	...	...	...	...	9	5	6	6	...	...	...	...
November	...	...	...	...	59	7	77	13	...	...	...	...	...	...	...	3	2	1	12	$237,400	4	4	13	9	...	...	...	...
December	...	...	...	...	...	...	35	11	13	5	...	...	...	...	...	...	...	...	...	...	10	5	5	3	...	...	...	...
Year	4	4	4	4	2169	189	320	98	97	21	33	11	12	10	$160,900	9	4	19	59	$289,400	69	58	52	43	...	...	2	...

EXCESSIVE PRECIPITATION FOR 1930

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
May 6	5:10 p.m.	10:15 p.m.	0.76	6:58 p.m.	7:12 p.m.	0.16	0.20	0.35	0.39	....	....	....	....	....	....	....	....	....	....	....
May 9	7:19 p.m.	11:20 p.m.	0.56	10:07 p.m.	10:20 p.m.	0.07	0.12	0.25	0.39	....	....	....	....	....	....	....	....	....	....	....
May 10	9:00 a.m.	4:30 p.m.	1.12	10:29 a.m.	10:38 a.m.	0.07	0.39	0.52	....	....	....	....	....	....	....	....	....	....	....	....
May 18	9:55 p.m.	11:50 p.m.	0.44	10:02 p.m.	10:10 p.m.	0.01	0.24	0.41	....	....	....	....	....	....	....	....	....	....	....	....
May 22	11:15 p.m.	[b]7:25 a.m.	0.70	11:21 p.m.	11:37 p.m.	0.02	0.15	0.20	0.36	0.39	....	....	....	....	....	....	....	....	....	....
May 29	12:50 p.m.	2:35 p.m.	0.47	12:57 p.m.	1:12 p.m.	1.01	0.19	0.33	0.38	....	....	....	....	....	....	....	....	....	....	....
Aug. 31	12:20 a.m.	3:15 a.m.	0.81	12:56 a.m.	1:17 a.m.	0.03	0.12	0.36	0.53	0.61	0.65	....	....	....	....	....	....	....	....	....
Sept. 25	7:45 p.m.	9:40 p.m.	0.95	7:51 p.m.	8:36 p.m.	0.01	0.08	0.21	0.27	0.43	0.57	0.68	0.70	0.72	0.86	....	....	....	....	....
LITTLE ROCK, ARK.																				
Jan. 6	D.N.p.m.	[b]1:10 p.m.	3.12	4:58 a.m.	5:44 a.m.	0.69	0.06	0.15	0.23	0.32	0.36	0.39	0.58	0.71	0.78	0.80	....	....	....	....
Mar. 18	D.N.a.m.	9:50 a.m.	1.23	6:01 a.m.	6:52 a.m.	0.11	0.05	0.13	0.24	0.30	0.36	0.51	0.64	0.73	0.84	0.89	0.95	....	....	....
May 2	6:38 p.m.	[b]D.N.a.m.	1.59	9:10 p.m.	9:47 p.m.	0.14	0.13	0.24	0.43	0.59	0.74	0.91	0.98	1.02	....	....	....	....	....	....
May 10	7:30 a.m.	11:00 a.m.	0.91	8:57 a.m.	9:22 a.m.	0.26	0.07	0.18	0.29	0.46	0.57	....	....	....	....	....	....	....	....	....
May 10	12:45 p.m.	5:15 p.m.	2.77	1:00 p.m.	2:03 p.m.	0.02	0.10	0.14	0.20	0.30	0.55	1.03	1.55	1.83	1.98	2.13	2.27	2.39	....	....
May 17	12:25 p.m.	4:00 p.m.	0.94	1:11 p.m.	2:02 p.m.	0.09	0.08	0.15	0.19	0.28	0.37	0.48	0.59	0.64	0.69	0.76	0.78	....	....	....
Sept. 15	D.N.a.m.	6:15 a.m.	0.74	1:01 a.m.	2:21 a.m.	0.02	0.17	0.23	0.32	0.46	....	....	....	....	....	....	....	....	....	....
Memphis, Tenn.																				
Jan. 7	....	....	....	....	....	....	0.08	0.13	0.32	0.43	0.50	0.65	0.74	0.78	....	....	....	....	....	....
Feb. 12	....	....	....	....	....	....	0.16	0.35	....	....	....	....	....	....	....	....	....	....	....	....
Feb. 25	....	....	....	....	....	....	0.14	0.36	0.47	0.48	....	....	....	....	....	....	....	....	....	....
Apr. 2	....	....	....	....	....	....	0.04	0.11	0.14	0.24	0.39	0.57	0.66	0.69	....	....	....	....	....	....
May 18	....	....	....	....	....	....	0.17	0.24	0.29	0.37	0.41	0.43	0.52	0.75	0.82	....	....	....	....	....
Sept. 15	....	....	....	....	....	....	0.21	0.30	....	....	....	....	....	....	....	....	....	....	....	....
Sept. 24	....	....	....	....	....	....	0.16	0.44	....	....	....	....	....	....	....	....	....	....	....	....

[b] On following day.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1930

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	20.4	1.0	7.6	18.9	0.9	5.2	4.1	0.3	2.6	3.1	-0.6	0.4	19.6	-0.5	7.1	2.4	-0.9	-0.4	-0.8	-1.1	-1.0	-0.8	-1.1	-1.0	-0.5	-1.0	-0.9	16.2	-1.0	1.1	6.2	-0.6	2.0	7.7	-0.5	2.5
Arkansas City	47.9	29.3	39.6	47.4	41.1	43.0	41.4	38.4	40.3	37.6	21.9	23.0	35.8	20.2	27.5	32.1	13.2	20.4	19.6	7.0	11.9	....	....	....	8.8	2.7	4.5	5.8	2.6	3.9	5.2	1.9	3.0	10.4	3.9	7.3
Batesville	26.0	7.2	13.6	19.6	8.9	12.4	16.3	7.8	9.8	8.2	6.5	7.4	23.7	6.8	12.6	8.8	5.3	6.5	5.8	4.4	4.8	5.2	4.1	4.3	12.1	4.1	7.0	16.6	4.5	7.3	11.6	5.2	6.9	15.2	5.8	9.3
Black Rock	23.6	7.0	17.3	18.5	9.6	13.7	13.0	7.6	10.5	7.4	4.0	5.1	16.1	3.9	6.6	5.0	1.5	3.3	2.5	1.4	1.9	2.0	1.5	1.8	3.5	1.2	2.2	8.7	2.1	3.8	3.3	2.4	2.8	4.6	2.6	3.4
Calico Rock	20.8	2.0	7.0	12.3	2.8	6.0	9.4	2.3	4.0	3.0	1.3	2.2	21.3	1.7	6.3	3.2	0.6	1.5	1.0	-0.3	0.2	0.2	-0.4	-0.3	6.1	-0.5	2.0	6.0	-0.1	2.0	5.5	0.5	1.8	8.2	1.0	3.8
Camden	37.5	7.8	24.9	34.8	11.9	22.4	19.0	8.0	12.5	10.0	4.6	6.4	40.7	4.7	25.3	19.2	4.2	7.3	4.2	3.9	4.0	4.0	3.8	3.9	4.6	4.1	4.3	23.8	3.4	7.5	16.1	3.8	7.3	22.4	5.8	13.2
Clarendon	31.0	19.2	25.8	29.2	25.6	28.0	25.3	22.0	23.8	21.8	13.5	17.1	28.7	13.7	21.8	25.8	10.0	15.4	9.7	7.6	8.4	8.0	6.9	7.4	13.7	6.9	9.7	18.4	8.4	12.5	15.3	9.0	11.8	20.0	12.4	16.0
Corning	14.8	9.5	12.6	13.0	10.0	11.4	12.0	9.4	11.0	9.3	7.6	8.4	8.7	6.9	7.6	6.8	5.9	6.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cotter	18.3	3.6	7.1	12.8	3.9	6.7	9.2	4.0	4.9	4.7	3.1	3.7	14.8	3.8	6.9	5.4	2.5	3.8	2.8	2.0	2.3	2.2	1.8	1.9	8.3	1.7	4.0	5.3	2.0	3.4	4.5	2.5	3.2	10.0	3.3	5.3
Danville	22.8	4.2	12.3	22.4	4.4	9.5	10.1	3.3	5.2	4.7	2.0	3.1	26.3	2.0	11.2	4.4	1.3	2.4	2.1	0.6	1.0	1.0	0.5	0.7	9.1	0.9	2.4	9.8	0.7	2.4	11.5	0.9	3.2	14.1	2.3	4.9
Dardanelle	13.5	4.9	8.0	17.8	6.0	10.4	10.4	4.0	5.9	4.2	3.9	4.0	24.3	4.1	14.8	18.2	5.9	9.4	8.7	3.6	5.2	4.4	3.0	3.4	9.7	3.3	5.4	9.1	3.8	5.3	7.9	3.4	4.5	13.3	4.7	7.2
De Valls Bluff	26.8	15.0	22.6	24.0	20.7	22.9	21.0	17.7	19.6	17.1	10.6	13.2	24.4	10.8	18.6	20.2	7.2	11.4	7.1	4.9	5.8	5.5	4.1	4.6	11.8	4.0	7.4	17.5	5.5	10.1	13.3	6.1	9.1	18.0	9.2	13.3
Fort Smith	13.6	3.9	6.5	18.8	6.2	10.8	9.8	3.9	5.5	4.6	3.0	3.7	21.4	4.4	15.4	20.0	5.6	10.3	8.9	3.0	4.7	3.8	2.4	2.9	11.1	2.6	5.6	9.2	3.4	5.3	7.0	3.2	4.4	14.0	4.8	7.3
Fulton	18.6	8.4	12.9	21.0	9.5	14.7	15.6	8.1	11.3	9.9	6.1	7.3	32.5	9.0	24.4	21.0	8.4	12.4	9.2	5.5	6.9	5.5	4.7	5.1	6.3	4.8	5.3	19.5	4.9	9.9	9.2	5.9	7.0	21.6	8.0	12.5
Georgetown	26.5	10.2	20.5	22.8	16.8	20.8	19.0	12.4	16.0	11.8	6.4	8.6	23.2	6.6	16.3	14.0	3.1	6.3	3.0	1.1	1.9	1.9	0.4	0.9	8.1	0.6	3.7	16.6	1.6	6.3	10.0	2.1	5.1	15.2	4.7	9.3
Gilbert	16.0	3.8	5.8	9.0	4.4	5.1	4.5	4.0	4.2	4.0	3.9	3.9	21.4	3.7	6.0	3.8	2.9	3.2	2.9	2.7	2.8	3.0	2.6	2.7	4.6	2.7	3.2	6.9	3.1	3.7	5.6	3.0	3.6	6.6	3.4	4.3
Helena	43.9	25.2	36.7	40.6	30.2	35.0	38.2	31.9	35.7	31.6	18.2	23.8	26.9	15.0	20.6	22.4	10.4	14.9	15.3	4.1	9.3	4.2	1.8	2.4	4.6	2.0	3.1	2.9	1.0	1.5	2.9	0.6	1.4	5.6	1.3	3.4
Index	13.8	8.0	10.0	17.0	9.4	12.6	13.9	7.8	10.4	8.9	6.5	7.4	27.2	9.2	20.1	19.0	10.0	12.5	10.5	7.3	8.3	7.3	7.2	7.3	8.3	7.3	7.6	20.0	7.3	11.3	10.9	7.5	8.2	20.2	9.0	12.3
LITTLE ROCK	14.5	0.9	6.7	17.4	4.0	8.7	9.2	1.6	3.5	1.5	-0.2	0.4	21.5	0.2	13.2	16.3	2.3	6.6	6.2	-0.7	1.4	0.0	-1.4	-0.9	6.5	-0.9	1.4	7.0	-0.4	1.9	2.8	-0.9	0.5	12.0	0.7	4.4
Marked Tree	18.6	7.4	14.7	18.7	16.0	17.8	15.8	9.0	11.9	9.2	4.7	7.1	9.4	4.0	5.9	4.9	2.2	3.2	2.1	1.2	1.6	1.2	0.6	0.9	0.7	0.6	0.6	0.8	0.5	0.7	1.2	0.7	0.8	1.7	0.7	1.5
Morrilton	12.2	1.6	5.3	16.4	3.9	8.0	8.0	1.7	3.3	1.6	0.3	1.0	22.0	0.7	13.1	15.3	2.0	6.8	6.3	0.0	1.8	0.0	-0.7	-0.4	6.5	0.1	2.1	5.0	0.7	2.2	3.0	-0.1	1.0	11.1	0.9	4.1
Newport	29.7	6.5	19.2	23.8	10.2	17.1	18.3	7.6	11.8	7.6	4.5	5.6	25.6	4.4	13.0	6.0	2.0	3.6	2.1	1.0	1.5	1.5	0.5	0.9	7.4	0.4	3.0	11.0	1.0	4.2	6.8	1.7	3.2	13.0	2.8	6.3
Ozark	11.3	1.1	4.2	16.0	3.2	7.9	6.9	1.4	2.9	1.6	0.2	0.9	21.0	1.1	12.6	17.0	2.9	7.2	5.8	-0.2	1.5	0.2	-0.8	-0.4	8.0	-0.5	2.2	8.0	-0.2	1.7	3.8	-0.2	0.8	10.8	1.2	4.2
Patterson	11.5	7.6	10.1	9.6	6.9	8.8	7.8	6.7	7.3	7.6	5.0	6.2	9.0	1.7	6.9	6.4	3.3	4.4	3.3	2.4	2.8	2.9	2.1	2.5	3.0	2.5	2.7	2.9	2.6	2.7	3.9	2.6	3.2	4.7	3.4	4.0
Pine Bluff	18.3	6.7	11.6	20.2	9.9	13.6	13.5	7.8	9.4	7.8	4.7	5.6	24.7	4.7	17.4	19.2	8.9	12.1	11.4	4.8	7.4	4.8	3.8	4.3	11.3	4.1	6.6	11.6	5.8	7.6	8.1	4.8	5.9	15.9	5.7	9.2
St. Francis	26.5	9.7	19.4	20.4	10.0	15.2	18.2	9.4	12.4	10.0	6.0	7.8	9.9	4.5	6.0	4.5	3.5	4.0	3.7	5.2	3.4	3.5	3.0	3.2	4.5	3.1	3.8	5.4	3.6	4.3	5.3	3.8	4.5	7.0	4.7	5.7
Springbank	24.4	13.8	17.5	21.9	11.3	16.0	15.2	7.1	11.0	12.5	7.8	9.0	37.7	8.1	25.9	30.2	15.8	20.1	15.7	9.2	11.5	9.1	8.2	8.7	9.4	8.2	8.7	19.0	8.1	12.0	11.0	7.5	8.5	25.1	10.5	15.6
Whitecliffs	25.2	2.4	13.6	25.1	3.5	12.7	13.9	3.1	7.4	6.9	1.4	2.7	27.6	3.0	22.4	17.6	0.3	4.5	0.3	-0.7	-0.4	0.3	-0.8	-0.1	0.5	0.0	0.2	7.3	0.0	2.2	7.0	0.4	2.0	20.2	2.1	8.6
Yancopin	35.0	17.4	28.4	34.7	29.1	32.4	29.4	25.7	27.9	25.0	11.3	15.5	31.5	11.1	25.2	25.3	12.7	18.8	15.5	6.2	9.7	6.1	4.7	5.5	14.5	5.1	8.1	14.0	6.3	9.3	9.6	6.0	7.1	19.0	8.1	12.2

CORRECTIONS FOR YEAR 1930

Precipitation departures should be: Center Point, April −2.32 inches; Fayetteville, June −0.72; Fort Smith, July −2.18; Hot Springs, February +1.89; Springbank, July −3.31; Subiaco, July −2.16; Waldron, July −2.27. Waters, May total precipitation should be 12.85. Conway, June temperature departure should be −1.4°. Corning, January minima should be: 18th, −16°; 19th, −5°; 22d, −5°; 23d, −8°; mean minimum temperature 21.1°; mean temperature 29.4°; departure −7.9°. Dumas, March, minimum temperature for 31st should be 34°; mean minimum temperature 42.0°; mean temperature 53.9°; departure −3.5°. Fort Smith, February mean temperature should be 53.0°; departure +10.2; March, date of lowest should be 3d; April, number of rainy days should be 10; May temperature departure should be −0.8°; September, percentage of possible sunshine should be 69. Lutherville, June temperature departure should be +0.8°. Mammoth Spring, November, number partly cloudy days should be 2, cloudy 9. Warren, February temperature departure should be +10.1°.

W. B. O., Little Rock, Ark.--2-10-31-1350.

551.05
UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXVI LITTLE ROCK, ARK., JANUARY, 1931 No. 1

GENERAL SUMMARY

January 1931 with a mean temperature of 42.3° and with only one station reporting a minimum temperature of zero was quite a contrast to January 1930 when the mean was 33.8° and the minimum 28° below zero. Precipitation was below normal, this being the third driest January on record, January 1893 with an average of 1.13 inches and January 1911 with 1.02 inches being drier.

The mean temperature for the State, as determined by the records of 63 stations, was 42.3° which is a departure of 1.3° above normal. Monthly means ranged from 36.6° at Dutton to 48.6° at Hope, and of the 55 stations for which normals have been computed, 49 showed positive departures, 5 negative, and one exactly normal. Positive departures were especially noticeable in the northern and northwestern portions of the State, all stations except one with negative departures being located in southern counties. Temperatures were above normal for the first five days in nearly all sections but from the 6th to the 20th were near or below with the coldest occurring at all stations either the 14th or 15th. From the 21st to the 31st temperatures were uniformly above normal with maxima occurring in all sections during the last week of the month. The highest temperature recorded was 76° at Calico Rock on the 30th and at three other stations during the latter part of the month; the lowest 0° at Corning on the 15th. The greatest daily range was 51° at both Calico Rock and Mount Ida on the 30th.

The average precipitation, based on the reports of 92 stations, was 1.14 inches which is 3.10 inches below normal, all stations with records of 10 years or more showing negative departures. Monthly totals ranged from a trace at Harrison to 3.40 inches at El Dorado, and 47 stations had totals of less than one inch. Rain occurred from the 4th to the 8th with an inch or more reported in southern counties either the 4th or 5th and snow at a few stations in the northern part of the State on the 7th. Precipitation was mostly light and scattered from the 11th to the 18th with 34 stations reporting a measurable amount of snow on the 13th, the average of which was 1.2 inches. The only rain falling after the 19th was that of the 26th or 27th which was generally less than 0.25 of an inch. The heaviest precipitation occurred in southern and eastern sections; the least in the upper basin of the Ouachita River and in the west-central and northwestern portions of the State. The greatest amount measured in any 24-hour period was 2.30 inches at El Dorado on the 5th. T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs						1	1	6	1	2	4	3	1			1										2	13	1	2	1	
Moderate Hail																															
Heavy Hail																															
Sleet				2			6		1				3			1															
Thunderstorms				1		1	3	1																							

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	30.12	30.60	14	29.65	7	3,009	17	nw.	12	......	......	69
Fort Smith	30.15	30.76	14	29.71	7	4,963	32	w.	13	81	60	60
Little Rock	30.17	30.69	15	29.60	5	5,056	32	w.	13	73	55	58
Memphis	30.16	30.71	15	29.49	5	5,479	35	nw.	13	75	60	60

COMPARATIVE DATA FOR JANUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**41.0**		**90**		**-28**		**4.24**		**12**	**6**	**13**	**7**
1891	41.6	+0.6	71	26	13	13	5.34	+1.10	10	6	15	10
1892	34.7	−6.3	74	29	−14	19	2.48	−1.76	18	5	8	6
1893	38.5	−2.5	80	27	−13	19	1.13	−3.11	17	8	6	2
1894	43.5	+2.5	77	16	−22	24	3.63	−0.61	13	8	10	7
1895	36.9	−4.1	78	6	− 5	12	5.19	+0.95	9	6	16	8
1896	41.4	+0.4	78	31	4	4	4.09	−0.15	10	6	15	8
1897	38.9	−2.1	76	1	− 2	27	6.78	+2.54	13	5	13	8
1898	45.5	+4.5	81	10	10	2	7.93	+3.69	10	8	13	9
1899	39.3	−1.7	75	13	− 9	31	5.91	+1.67	12	6	13	7
1900	43.4	+2.4	78	24	1	29	2.69	−1.55	13	7	11	7
1901	45.6	+4.6	78	14	7	1	2.21	−2.03	16	7	8	5
1902	38.0	−3.0	79	9	2	26	4.13	−0.11	11	6	14	8
1903	40.2	−0.8	80	29	7	12	2.60	−1.64	13	8	10	6
1904	38.9	−2.1	75	20	− 5	26	3.81	−0.43	15	8	8	6
1905	33.3	−7.7	73	1	13	15	4.58	+0.34	12	8	11	6
1906	43.1	+2.1	82	18	− 2	23	5.19	+0.95	14	5	12	6
1907	49.2	+8.2	82	7	8	26	5.80	+1.56	8	7	16	11
1908	41.7	+0.7	78	2	6	16	3.75	−0.49	14	7	10	7
1909	43.8	+2.8	82	25	−19	12	1.79	−2.45	4	7	20	6
1910	41.8	+0.8	78	1	− 7	7	2.69	−1.65	16	6	9	6
1911	47.6	+6.6	86	31	− 9	3	1.02	−3.22	8	10	13	6
1912	34.3	−6.7	79	26	−16	7	3.01	−1.23	13	10	8	6
1913	44.0	+3.0	78	5	− 1	8	8.45	+4.21	12	7	12	10
1914	46.6	+5.6	82	19	7	31	1.57	−2.67	13	9	9	4
1915	39.3	−1.7	74	14	− 3	28	4.38	+0.14	10	6	15	8
1916	44.3	+3.3	82	11	− 6	14	9.39	+5.15	8	4	19	12
1917	44.0	+3.0	82	29	− 4	14	3.66	−0.58	11	5	15	7
1918	27.3	−13.7	80	25	−23	13	4.39	+0.15	13	4	14	8
1919	41.4	+0.4	75	13	− 3	4	3.03	−1.21	16	5	10	6
1920	39.6	−1.4	82	20	11	4	6.49	+2.25	12	4	15	8
1921	46.9	+5.9	85	29	6	14	2.07	−2.17	11	6	14	6
1922	39.1	−1.9	74	4	4	19	2.63	−1.61	8	5	18	7
1923	48.6	+7.6	80	14	15	23	5.78	+1.54	14	5	12	9
1924	36.1	−4.9	79	31	− 6	5	3.19	−1.05	15	3	13	7
1925	40.8	−0.2	76	6	− 4	28	2.68	−1.56	14	4	13	8
1926	40.5	−0.5	77	20	−17	23	4.69	+0.45	13	6	12	7
1927	42.6	+1.6	79	2	− 1	15	5.41	+1.17	14	3	14	10
1928	42.7	+1.7	90	11	−10	3	2.05	−2.19	16	6	9	5
1929	39.4	−1.6	79	18	2	2	5.08	+0.84	12	5	14	10
1930	33.8	−7.2	74	1	−28	22	9.16	+4.92	11	3	17	12
1931	42.3	+1.3	76	25+	0	15	1.14	−3.10	15	6	10	6

NOTE

Beginning with January, 1931, the normals for all sub-stations are based on data up to and including the year 1930.

Climatological Data for January, 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	36	42.9	-0.2	71	30	18	15	41	0.94	-3.61	0.31	T.	4	7	19	5	n.	J. W. Campbell
Arkadelphia	Clark	250	35	....	....	....	....	....	....	....	0.49	-3.94	0.27	0.0	4	20	4	7	n.	W. K. Bown
Arkansas City	Desha	145	47	....	....	....	....	....	....	....	2.27	-2.25	1.12	0.0	4	15	4	12	....	Herbert Neff
Arlberg	Stone	700	3	....	....	....	....	....	....	....	0.55	....	0.47	0.8	2	13	8	10	ne.	J. D. Reeves
Batesville	Independence	277	32	37.2	-0.7	73	30	8	15	49	0.71	-3.82	0.51	T.	5	19	0	12	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	40.4	0.0	69	30	13	14	36	1.49	-2.87	0.70	1.0	5	16	3	12	n.	J. E. Scanlan
Bentonville	Benton	1303	26	39.8	+3.6	70	30	8	14	34	0.61	-2.13	0.24	0.3	7	21	1	9	nw.	U. S. Weather Bureau
Black Rock	Lawrence	259	29	....	....	....	....	....	....	....	0.67	-3.88	0.42	1.5	5	17	1	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	6	43.8	....	74	30	14	14	39	2.13	....	0.87	1.0	6	15	5	11	s.	Charles Phillips, Jr.
Booneville	Logan	465	17	43.1	+2.8	74	30	16	14	45	0.47	-3.87	0.18	T.	7	19	4	8	w.	F. H. Randolph
Brinkley	Monroe	205	41	42.4	+0.6	73	30	16	14†	43	1.54	-3.56	0.49	0.0	4	16	3	12	ne.	R. J. Torry
Calico Rock	Izard	361	27	38.4	+2.6	76	30	9	15	51	0.80	-2.84	0.39	1.5	5	12	12	7	nw.	W. J. Copp
Camden	Ouachita	158	46	43.6	-0.6	71	28†	20	14†	40	1.76	-3.01	0.85	0.0	4	10	9	12	nw.	A. B. Quarterman
Center Point	Howard	470	32	45.8	+1.2	72	28	16	14	34	0.66	-3.25	0.27	T	6	17	3	11	e.	John C. Floyd
Clarendon	Monroe	200	27	....	....	....	....	....	....	....	1.36	-3.16	0.55	T.	5	13	3	15	w.	J. W. Bishop
Clinton	Van Buren	516	10	....	....	....	....	....	....	....	0.70	....	0.51	0.8	3	14	8	9	sw.	A. L. Stephens
Conway	Faulkner	309	48	42.5	+2.0	73	30	16	15	42	1.09	-3.27	0.83	1.0	3	16	7	8	w.	E. E. Cordrey
Corning	Clay	293	38	38.2	+0.8	72	30	0	15	45	0.90	-3.42	0.55	5.0	3	16	1	14	s.	Winfred D. Polk
Cotter	Baxter	408	4	....	....	....	....	....	....	....	0.58	....	0.21	1.0	4	19	3	9	nw.	O. B. McSpadden
Crossett	Ashley	175	16	44.8	+0.7	73	28	20	15†	37	2.55	-2.60	1.20	0.0	4	15	3	13	nw.	G. A. Gifford
Danville	Yell	327	15	....	....	....	....	....	....	....	0.96	-3.17	0.42	0.5	5	20	0	11	ne.	C. G. Hudson
Dardanelle	Yell	330	45	42.7	+2.2	75	31	17	14†	43	0.69	-2.77	0.33	0.0	4	10	9	12	n.	Geo. N. Goodier
De Valls Bluff	Prairie	153	4	....	....	....	....	....	....	....	1.91	....	0.86	0.0	5	19	2	10	....	H. G. Pate
Dumas	Desha	162	25	44.5	+0.6	72	25†	20	15	38	2.02	-2.83	0.65	0.0	6	13	10	8	s.	Ben Johnson
Dutton	Madison	1590	25	36.6	+1.0	69	30	4	14	47	0.68	-3.59	0.28	0.0	3	17	7	7	s.	J. M. Ricketts
El Dorado	Union	270	30	47.1	+1.1	72	28	20	14	33	3.40	-0.20	2.30	0.0	5	11	7	13	nw.	J. J. Babb
England	Lonoke	229	24	43.2[a]	+0.5	73[a]	21	19[a]	15	37[a]	1.79	-2.75	0.85	T.	7	16[a]	3[a]	11[a]	nw.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	42.2	+4.4	71	30	5	14	34	0.72	-2.51	0.22	1.0	5	15	9	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	40.1	+2.8	68	30	8	14	34	0.57	-2.29	0.23	1.3	7	13	10	8	sw.	University of Arkansas
Fort Smith	Sebastian	457	59	43.1	+3.0	70	30	16	14	35	0.48	-2.06	0.26	0.4	5	12	8	11	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	7	....	....	....	....	....	....	....	0.23	....	0.14	0.8	4	18	3	10	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	45	....	....	....	....	....	....	....	0.93	-3.44	0.47	0.0	3	14	5	12	....	T. J. Logan
Georgetown	White	200	19	....	....	....	....	....	....	....	1.70	-3.68	1.04	0.0	5	13	6	12	....	W. R. Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	0.54	....	0.13	T.	6	14	9	8	....	Ben F. Battenfield
Grannis	Polk	900	12	41.9	+1.4	72	29	10	14	43	0.67	-4.58	0.27	T.	5	16	6	9	n.	W. E. McVay
Gravette	Benton	1250	34	39.4	+3.0	66	30	7	14	35	0.89	-1.80	0.38	0.5	7	11	13	7	sw.	A. F. Stevens
Harrison	Boone	1052	30	37.3	+1.1	72	30	8	14	45	T.	-3.11	T.	T.	0	18	5	8	nw.	Dan Robertson
Helena	Phillips	250	59	44.1	+1.8	72	30	16	15	34	1.94	-3.40	0.80	T.	4	13	7	11	nw.	James A. Burnett
Higden	Cleburne	445	13	....	....	....	....	....	....	....	1.12	-3.53	0.71	0.2	5	10	13	8	w.	Geo. W. Baker
Highland	Pike	....	2	45.8	....	71	28†	18	14†	35	1.20	....	0.40	0.0	5	17	3	11	s.	Tom W. Stewart
Hope	Hempstead	377	60	48.6	+4.4	76	29	19	14†	45	1.25	-3.66	0.63	0.0	4	14	5	12	sw.	N. P. O'Neal
Hot Springs	Garland	600	40	44.5	+1.5	67	30	22	15	31	0.93	-4.02	0.33	T.	4	15	10	6	....	G. C. Bolton
Index ‡‡	Little River	275	6	....	....	....	....	....	....	....	1.03	....	0.55	0.0	6	9	6	16	....	H. G. Sanderson
Jessieville	Garland	750	5	....	....	....	....	....	....	....	1.56	....	0.61	1.0	4	18	9	4	....	U. S. Forest Service
Jonesboro	Craighead	345	36	42.4	+2.3	71	30	11	15	37	1.08	-4.12	0.49	0.9	5	19	3	9	sw.	Benedictine Sisters
Junction ‡‡	Union	182	37	47.4	+1.5	70	31	22	19	39	1.78	-1.97	0.82	0.0	3	19	7	5	n.	J. A. Lowderback
Lead Hill	Boone	650	4	38.2	....	72	30	1	14†	47	0.69	....	0.28	1.8	6	20	3	8	w.	J. H. Crosswhite
Little Rock	Pulaski	357	52	44.1	+2.7	74	30	20	14	34	1.00	-3.73	0.58	T.	5	10	9	12	nw.	U. S. Weather Bureau
Lurton	Newton	2100	6	38.6	....	68	30	6	14	26	0.71	....	0.25	1.0	7	18	4	9	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	41.8	+1.9	69	31	12	14	33	0.48	-3.38	0.15	2.6	5	15	6	10	e.	H. G. Lenhardt
Magnolia	Columbia	315	12	46.8	+1.4	71	25	20	14	35	2.41	-2.91	0.75	0.0	4	13	8	10	s.	State Agri. School
Malvern	Hot Springs	277	44	43.4	+0.7	75	30	16	14	46	0.79	-4.77	0.55	0.0	6	18	2	11	sw.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	26	39.2	+2.3	68	24†	6	15	42	0.66	-3.01	0.45	0.2	2	19	3	9	se.	S. F. Whittaker
Marianna	Lee	235	19	43.6	+2.3	73	30	16	15	38	1.54	-3.02	0.62	0.0	4	15	10	6	n.	C. N. Houck
Marked Tree	Poinsett	229	26	40.3[c]	+2.0	74[c]	30	10	15	41[c]	1.41	-4.11	0.56	T.	6	14	12	5	n.	Charles Walton
Marshall	Searcy	1070	17	39.6	+1.1	70	30	10	14	40	0.40	-3.40	0.24	0.0	3	16	2	13	sw	A. J. Parks
Mena	Polk	1185	43	42.7	+1.5	70	30	13	14	36	0.39	-3.48	0.09	0.5	7	14	7	10	n.	E. W. St. John
Morrillton	Conway	347	10	40.2	....	72	30	19	14†	36	1.33	....	0.65	T.	3	16	5	10	e.	John Cook
Mountain Home	Baxter	800	17	40.2	+3.1	74	30	5	14	44	0.48	-2.64	0.15	1.2	4	14	4	13	w.	B. S. Halbert
Mount Ida	Montgomery	650	32	41.0	+0.6	75	30	11	15	51	0.95	-3.39	0.42	0.0	4	13	6	12	e.	G. A. Whittington
Newport	Jackson	231	47	41.1	+1.9	73	30	14	14†	44	1.31	-3.68	0.85	0.5	5	18	2	11	n.	J. D. Henderson
Norman	Montgomery	770	4	....	....	....	....	....	....	....	1.07	....	0.46	T.	4	17	7	7	....	U. S. Forest Service
Oden	Montgomery	800	5	....	....	....	....	....	....	....	0.20	....	0.10	T.	2	15	4	12	sw.	U. S. Forest Service
Okay	Howard	288	2	45.0	....	71	25†	14	14	45	0.83	....	0.35	0.0	5	14	6	11	w.	Frank K. Hensley
Osceola	Mississippi	240	33	43.2	+3.7	76	25	15	15†	39	1.30	-3.85	0.83	0.5	4	17	3	11	n.	June Thomason
Ozark	Franklin	396	35	41.0	+0.8	71	30	12	20	47	0.55	-2.24	0.29	0.2	4	17	1	13	e.	Orkney O. Milton
Paragould	Greene	301	5	....	....	....	....	....	....	....	1.49	....	1.00	2.5	4	20	4	7	se.	W. R. Beagler
Patterson	Woodruff	196	15	....	....	....	....	....	....	....	1.00	-4.21	0.70	0.0	2	17	4	10	nw.	W. E. Baker
Piggott	Clay	267	7	....	....	....	....	....	....	....	1.14	....	0.30	1.0	6	17	2	12	ne.	V. C. Wright
Pine Bluff	Jefferson	215	44	45.2	+2.0	75	30	18	14†	37	1.64	-3.52	0.72	T.	5	15	8	8	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	38	40.4	+2.1	74	30	5	15	43	1.09	-3.43	0.54	3.0	5	16	4	11	n.	Benedictine Sisters
Portland	Ashley	122	25	41.4	-2.0	68	30	21	14†	34	2.35	-2.09	1.13	0.0	4	14	5	12	n.	W. E. Edmiston
Prescott	Nevada	329	43	46.1	+2.1	72	28†	18	14†	37	0.82	-3.69	0.33	0.0	5	17	5	9	n.	Craig Williams
Princeton	Dallas	287	25	....	....	....	....	....	....	....	0.55	-4.29	0.22	0.0	3	18	1	12	....	Mrs. Dora Coleman
Rison	Cleveland	243	30	46.0	+1.7	72	30	19	15	37	1.77	-3.56	0.90	0.0	4	19	2	10	n.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	40.0	+3.3	76	31	7	14	47	0.46	-2.12	0.26	0.8	4	15	9	7	sw.	Carl A. Starck
St. Charles	Arkansas	175	2	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Ballard Deane
St. Francis	Clay	290	3	....	....	....	....	....	....	....	0.87	....	0.28	2.0	5	15	7	9	....	S. T. Rooney
Searcy	White	236	22	41.1	+1.3	71	30	14	15	42	0.90	-3.73	0.64	0.0	4	20	2	9	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	24	....	....	....	....	....	....	....	2.48	-1.87	1.41	0.0	5	15	1	15	....	Miss Grace Field
Story	Montgomery	700	7	....	....	....	....	....	....	....	0.79	....	0.28	0.0	5	18	2	11	n.	S. C. Story
Stuttgart	Arkansas	228	44	43.8	+1.1	72	30	19	13†	34	1.24	-3.79	0.47	T.	3	13	9	9	w.	Adam F. Buerkle
Subiaco	Logan	1050	34	42.8	+1.6	71	30	15	14	37	0.43	-3.02	0.18	T.	6	19	0	12	s.	New Subiaco Abbey
Texarkana	Miller	332	45	45.4	-0.8	73	28†	17	14†	36	1.91	-1.84	1.28	0.0	3	16	5	10	n.	H. S. Brashear
Thornburg	Perry	650	7	41.6	....	72	30	9	15	48	1.53	....	0.46	T.	5	12	9	10	s.	Edward E. Holmes
Waldron	Scott	675	12	....	....	....	....	....	....	....	0.47	-3.50	0.16	1.0	4	12	6	13	ne.	Dr. Cheves Bevill
Warren	Bradley	206	37	45.1	+0.6	68	24†	19	14†	33	2.76	-1.84	1.50	0.0	4	17	10	4	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	....	....	....	....	....	....	....	1.08	....	0.56	T.	4	8	8	15	w.	J. R. Huddleston
Whitecliffs	Little River	290	27	....	....	....	....	....	....	....	0.62	-3.11	0.26	0.0	4	12	3	16	nw.	Nannie O. Schirmer
Wilson	Mississippi	237	6	41.6	....	72	30	13	14†	37	2.08	....	1.03	T.	5	19	1	11	s.	M. W. H. Collins
Winslow	Washington	1734	16	38.1	+3.6	65	28	6	14	37	0.46	-2.30	0.15	1.3	4	21	3	7	s.	J. D. Black
Wynne	Cross	250	23	42.0	+1.7	73	30	15	14	38	2.20	-2.95	0.75	T.	5	15	6	10	n.	R. T. Cobbs
Yancopin	Desha	167	7	....	....	....	....	....	....	....	1.71	....	0.85	0.0	5	13	5	13	....	W. E Barton
State Means and Extremes				42.3	+1.3	76	25†	0	15	51	1.14	-3.10	2.30	1.2	5	15	6	10	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a], [b], [c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Freeman Springs, Dover; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for January, 1931

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita					.23			.31					.16				.24															0.94
Arkadelphia	Ouachita								.27				.17		.01		.04	T.															0.49
Arkansas City	Mississippi					1.12			.20			T.	.89						.06														2.27
Arlberg	White							.47						.08																			0.55
Batesville	White								.51				.05		.07				.01	T.								.07					0.71
Bee Branch	Arkansas					.45		.70	.12			.12		.10													T.						1.49
Bentonville***	Arkansas							.09			.03	.21		.03			.05	T.	T.							.06	.14						0.61
Black Rock	White					.02			.42				.04		.15			T.										.04					0.67
Blytheville	Mississippi					.87	.05		.55				.26		.08					T.								.32					2.13
Booneville	Arkansas					T.		.07	.18			.08		.07			.02	.01									.04						0.47
Brinkley	White					.41			.49				.24															.40					1.54
Calico Rock	White								.39			.02	.17		.11			T									T.	.11					0.80
Camden	Ouachita					.85			.22				.44						.25														1.76
Center Point	Red					.27		.09	.01			.11	T	T.			.17										.01	T.					0.66
Clarendon	White					.48			.55				.28		.02				T.									.03					1.36
Clinton	White							.51	.11					.08																			0.70
Conway	Arkansas							.83				.16		.10			T.																1.09
Corning	White								.55				.15		.20																		0.90
Cotter	White								.21			T.	.19		.12			T.									T.	.06					0.58
Crossett	Ouachita				T.	1.20			.26			T.	1.05						.04														2.55
Danville	Arkansas					.30			.42				.10		.05			.09															0.96
Dardanelle	Arkansas					.16			.33				.10		.10																		0.69
De Valls Bluff	White					.86			.54				.27		.05													.19					1.91
Dumas	Mississippi					.50			.65	.15			.58		T.				.12									.02					2.02
Dutton	White							.21				.19															.28						0.68
El Dorado	Ouachita					2.30			.20			.10	.65						.15										T.				3.40
England	Arkansas					.85		.44	.06	T.		.32		.04			.02									T.	.06						1.79
Eureka Springs	White							.12				.22		.10			.10										.18						0.72
Fayetteville	White							.05			.01	.17		.06			.04	T.	.01								.23						0.57
Fort Smith***	Arkansas							.07	T		T.	.07	T.	.04			.04		T.								.26						0.48
Freeman Sprgs.	Arkansas								.14				.06		.05				T.	T.							T.	.08					0.33
Fulton	Red					.47					T.	.25					T		.21										T.				0.93
Georgetown	White					.39			1.04				.14		.02				T									.11					1.70
Gilbert	White				.03				.19			.03	.10		.07													.12					0.54
Grannis	Red				T	.27		.13			.02	.17		T.			.08	T.	T.														0.67
Gravette	Arkansas							.05			.03	.27		.07			.03	.06									.38						0.89
Harrison	White							T.				T		T.													T.						T.
Helena	Mississippi					.80			.72				.34		.08																		1.94
Higden	White					.21		.71				.08		.03													.09						1.12
Highland	Ouachita					.40		.30	.20			.15					.15																1.20
Hope	Red					.63		.12				.35						.15															1.25
Hot Springs	Ouachita				.26			.33				.24		.10																			0.93
Index	Red					.55			.06			.17	.08				.05		.12														1.03
Jessieville	Ouachita				.61			.43						.46		.06																	1.56
Jonesboro	White				T.		.19		.49				.19		.08				T.									.13					1.08
Junction	Ouachita				.82							.65						.31															1.78
Lead Hill	White				T.			.12				.28		.11			.04	.01									.13						0 69
Little Rock***	Arkansas				T.	T.		.58				.20		.03			.04	T.	T.								.15						1.00
Lurton	White							.25		.04		.11		.06				.03									.20	.02					0.71
Lutherville	Arkansas					.10		.15	T.			.06		.12													.05						0.48
Magnolia	Red				.75			.75				.51						.40															2.41
Malvern	Ouachita					.05			.35				.18		.02			.18										.01					0.79
Mammoth Spg.	White								.45				.21		T.													T.					0.66
Marianna	Mississippi					.62		.43				.45																.04					1.54
Marked Tree	Mississippi					.56			.42				.29		.08					.03								.03					1.41
Marshall	White							.24				.01															.15						0.40
Mena	Ouachita					T.		.07	.02			.05	.09		.08		T.	.05	T.								T.	.03					0.39
Morrillton	Arkansas					.50			.66				T.		.17			T.															1.33
Mountain Home	White							.15				.10		.13			T.										.10						0.48
Mount Ida	Ouachita					.42		.25				.15					.13																0.95
Newport	White					.01			.85				.22		.13													.10					1.31
Norman	Ouachita				.46			.32				.18		T.			.11		T.														1.07
Oden	Ouachita							T.				.10		T			.10																0.20
Okay	Red				.02	.35		.13	T.		T.	.25					T.	.08															0.83
Osceola	Mississippi						.83		.14					.28	.05					T.								T					1.30
Ozark	Arkansas								.15				.09		.02												T.	.29					0.55
Paragould	Mississippi					T.			1.00				.21		.18			T.										.10					1.49
Patterson	White								.70				.30																				1.00
Piggott	Mississippi					.21		.30	.26			.15		.10													.12						1.14
Pine Bluff	Arkansas					.72			.55			.05	.25		T.				.07									T.					1.64
Pocahontas	White					.05		.54				.15		.20													.15						1.09
Portland	Ouachita					1.13			.17			.10	.95																				2.35
Prescott	Ouachita					.33			.16			.22	.04				T.		.07														0.82
Princeton	Ouachita					.15			.22				.18																				0.55
Rison	Ouachita					.90			.28				.38						.21														1.77
Rogers	White							.09			T.	.26		.05			T.									.06							0.46
St. Charles	White																																....
St. Francis	St. Francis					.21			.28				.12		.10				T	T.								.16					0.87
Searcy	White								.64				.20		.02													.04					0.90
Springbank	Red					1.41		T	.15		T.	.06	.40					T.	.46										T.				2.48
Story	Ouachita					.04			.28				.24		.17			.06															0.79
Stuttgart	Arkansas					.47			.47				.30		T.																		1.24
Subiaco	Arkansas					.03		.18	T.		T	.10		.04			.02										.06	T.					0.43
Texarkana	Red					.35						1.28						.18															1.81
Thornburg	Arkansas				T	.46		.35	.28			.13	T.	.31			T.																1.53
Waldron	Arkansas					.06		.16			T.	.09		.16			T.										T						0.47
Warren	Ouachita					1.50			.40			T.	.66						.20														2.76
Waters	Ouachita								.56				.26		.10		.16																1 08
Whitecliffs	Red					.26		T.		T.	T.	.23	.07				.06	T.	T.														0.62
Wilson	Mississippi					1.03			.55				.26		.02													.22					2.08
Winslow	Arkansas				T.			.15			T.	.13		.13			.05		T.								T.						0.46
Wynne	Mississippi					.70			.75				.30		.25					T.								.20					2.20
Yancopin	Arkansas					.85			.27			.02	.58						.05														1.77

Daily River Stages for January, 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.8	4.6	4.6	4.4	4.4	4.3	4.3	4.4	4.2	4.2	4.0	4.2	4.2	4.1	4.3	4.3	4.3	4.3	4.4	4.2	4.2	4.1	4.2	4.2	4.2	4.0	4.1	4.3	4.2	4.1	4.1
Ozark	do	22	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Dardanelle	do	20	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.1	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9
Morrillton	do	20	0.7	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2
Little Rock	do	23	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
Pine Bluff	do	25	5.5	5.4	5.3	5.3	5.3	5.3	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.1	5.1	4.9	4.8	4.7	4.7	4.5	4.4	4.3	4.3	4.3	4.3	4.4	4.7	4.6	4.4	4.3
Yancopin	do	29	7.9	7.7	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.8	6.9	6.9	6.9	6.8	6.8	6.7	6.5	6.3	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.7
Danville	Petit Jean	20	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.2	3.2	3.2	3.2	3.3	3.1	3.1	3.2	3.3	3.2	3.3	3.4	3.1	3.1	3.1	3.0	3.0	3.0	2.9	3.1	3.1	3.0	2.9	2.8	2.8	2.8	3.0	2.9	3.0	3.0	3.0
Calico Rock	do	18	1.0	1.2	1.3	1.3	1.1	1.1	1.0	1.3	1.1	1.0	0.9	1.3	1.2	0.9	0.7	1.1	1.1	0.8	0.8	1.1	1.1	0.8	0.6	0.6	1.0	0.8	1.0	0.6	0.9	1.0	0.6
Batesville	do	23	5.9	5.2	5.9	6.0	6.0	5.8	5.8	5.9	5.9	5.9	5.9	5.6	6.0	5.7	5.6	5.6	5.7	5.7	5.5	5.5	5.6	5.6	5.5	5.8	5.3	5.5	5.5	5.5	5.3	5.3	5.5
Newport	do	26	2.7	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Georgetown	do	22	4.6	4.6	4.4	4.1	3.8	3.7	3.7	3.6	4.3	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.7	2.7
De Valls Bluff	do	24	9.0	8.9	8.8	8.6	8.4	8.0	7.8	7.7	7.8	7.8	7.9	8.0	8.1	8.0	7.8	7.8	7.8	7.7	7.5	7.4	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.6
Clarendon	do	30	12.1	11.9	11.8	11.6	11.4	11.2	10.9	10.9	10.8	10.8	10.8	11.0	11.1	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.3	10.2	10.1	10.0	10.0	9.9	9.8	9.7	9.7
Gilbert	Buffalo	30	3.3	3.3	3.3	3.8	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1
Black Rock	Black	14	2.5	2.5	2.4	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.3	2.3	2.3	2.3
Camden	Ouachita	30	9.3	8.0	7.0	6.8	6.6	6.6	5.9	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.0	6.9	6.7	6.4	6.3	6.2	6.1	6.0	6.0	6.0	5.8	5.6	5.5	5.3	5.1	4.9
Fulton	Red	28	7.8	7.6	7.2	7.2	7.2	7.0	6.8	6.7	6.6	6.5	6.5	6.4	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.0	6.0	5.9	5.9	5.8	5.7	5.6	5.6	5.6	5.6	5.6
Helena	Mississippi	44	2.0	2.0	1.8	1.6	1.5	1.5	1.9	2.2	2.3	2.5	2.9	3.8	4.4	4.7	5.7	6.6	6.6	6.4	6.1	5.6	5.3	5.0	4.6	4.4	4.2	3.9	3.6	3.7	4.0	4.0	3.9
Arkansas City	do	48	3.7	3.9	4.0	3.9	3.7	3.5	3.4	3.5	3.7	3.9	4.0	4.8	4.9	5.5	6.0	6.6	7.5	8.0	8.0	7.8	7.5	7.1	6.8	6.4	6.1	5.8	5.6	5.3	5.1	5.2	5.3

Daily temperatures for January, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	49	53	61	53	50	57	41	43	42	46	44	49	40	37	44	41	52	50	48	45	63	65	68	69	70	65	70	71	71	74	64	54.7
	Minimum	25	23	29	34	39	33	33	31	33	35	35	35	25	19	18	18	31	35	30	29	27	25	32	32	35	37	42	39	39	33	34	31.1
Bentonville	Maximum	43	49	55	51	41	43	43	39	39	42	41	38	35	27	39	39	54	44	43	41	58	59	61	65	63	55	61	63	60	70	62	49.1
	Minimum	16	28	36	38	29	23	33	33	36	36	30	25	16	8	16	35	36	31	24	23	24	35	31	40	44	38	38	32	36	39	36	30.5
Bee Branch	Maximum	46	48	56	55	49	46	44	40	40	42	42	47	42	31	36	39	46	47	46	43	50	60	62	66	66	63	60	62	65	69	66	50.8
	Minimum	20	20	27	37	36	26	26	32	36	32	34	32	26	13	14	24	31	32	29	28	25	28	31	32	34	42	33	34	41	33	38	29.9
Blytheville	Maximum	46	51	58	56	59	42	46	44	40	52	50	51	48	39	39	48	50	47	48	48	50	64	69	61	72	61	67	65	65	74	72	54.3
	Minimum	21	25	33	41	38	33	30	34	32	32	38	35	27	14	16	26	35	34	34	30	27	30	38	41	42	45	41	37	42	35	43	33.2
Booneville	Maximum	48	56	64	61	54	55	48	45	43	49	45	47	40	33	43	39	53	50	57	45	64	67	69	70	69	63	65	68	68	74	68	55.5
	Minimum	17	25	35	42	35	24	34	36	38	36	37	29	22	16	17	30	36	34	26	26	21	29	28	30	39	48	32	29	36	29	35	30.7
Brinkley	Maximum	47	50	61	55	52	52	44	42	42	45	42	51	46	37	41	46	46	49	48	45	55	66	67	69	70	65	64	68	66	73	65	53.8
	Minimum	22	17	31	39	42	30	27	35	34	33	33	32	22	16	16	23	32	37	32	24	24	27	35	38	36	44	39	36	40	30	38	31.1
Calico Rock §§	Maximum	46	52	57	61	45	46	38	48	40	41	42	46	36	30	42	46	49	52	48	45	54	60	66	73	71	53	69	67	65	76	65	52.6
	Minimum	12	12	17	27	36	29	22	28	32	34	35	28	18	10	9	10	34	26	31	22	19	19	22	25	25	30	30	27	27	25	25	24.1
Camden §§	Maximum	51	58	64	55	55	55	47	43	43	48	44	53	47	38	45	52	45	52	48	50	63	65	67	69	70	63	69	71	71	70	65	56.0
	Minimum	26	23	28	28	43	29	29	34	34	35	35	35	24	20	20	20	30	38	37	27	26	26	29	29	34	37	42	41	41	33	33	31.2
Center Point	Maximum	48	54	61	58	52	56	52	45	43	45	45	51	46	39	41	42	52	51	50	47	63	65	67	70	69	66	68	72	71	69	68	55.7
	Minimum	29	34	38	46	37	29	34	31	37	36	37	33	28	16	20	32	38	39	29	27	29	42	39	43	42	48	45	46	45	42	44	36.0
Conway	Maximum	51	57	51	56	53	49	44	42	42	42	42	49	44	33	42	44	49	50	49	44	56	67	66	71	71	63	65	68	67	73	67	53.8
	Minimum	21	31	29	38	33	26	27	36	38	34	36	32	23	17	16	27	33	37	31	23	23	27	31	38	38	44	31	33	43	31	37	31.2
Corning	Maximum	43	49	55	52	50	41	40	36	37	50	44	45	40	32	32	40	43	45	45	42	46	59	65	69	69	61	63	61	62	72	69	50.2
	Minimum	15	13	23	37	34	27	22	29	30	27	34	27	19	6	0	21	32	26	30	25	21	26	26	30	41	41	33	29	33	27	28	26.2
Dardanelle	Maximum	46	51	61	57	54	51	46	43	42	43	44	51	43	35	40	39	50	49	47	45	58	64	66	73	71	62	65	68	69	75	66	54.0
	Minimum	19	21	28	38	45	27	30	36	38	35	37	31	23	17	17	27	35	35	31	27	23	27	32	31	38	46	31	33	42	32	37	31.4
Dumas	Maximum	47	49	63	52	58	54	47	50	41	47	48	52	48	42	47	49	41	48	45	45	53	67	67	69	72	68	68	68	67	72	69	55.3
	Minimum	34	22	32	42	41	29	29	36	38	32	32	36	26	21	20	25	31	38	31	29	26	33	36	35	38	42	50	41	41	34	42	33.7
Dutton	Maximum	43	49	53	56	48	58	39	38	38	44	40	40	35	31	32	49	50	42	41	39	52	59	64	62	62	57	60	64	60	69	63	49.6
	Minimum	7	15	26	31	27	19	22	30	32	30	31	23	12	4	7	22	31	27	21	18	27	23	21	28	32	39	25	22	29	22	29	23.6
El Dorado	Maximum	51	58	65	55	57	57	49	49	42	51	49	51	50	45	45	51	48	52	51	49	63	66	68	69	71	65	68	72	71	70	65	57.2
	Minimum	29	29	34	42	39	31	33	36	37	41	41	37	28	20	22	31	40	39	39	32	30	34	37	40	40	51	52	48	51	39	45	37.0
Eureka Springs	Maximum	49	52	57	57	51	49	42	39	39	44	41	41	33	31	42	43	59	47	45	43	60	64	65	66	66	61	65	65	64	71	67	52.2
	Minimum	17	30	40	40	29	24	29	33	35	35	37	25	18	5	15	31	38	35	23	22	26	41	38	49	50	39	40	34	40	44	40	32.3
Fayetteville	Maximum	43	48	55	54	46	48	44	41	40	42	41	39	34	28	37	39	54	48	43	39	56	62	63	64	64	62	55	63	62	68	61	49.8
	Minimum	17	28	34	38	28	21	33	34	37	35	37	23	19	8	14	33	36	34	23	22	23	31	29	44	48	39	39	30	35	37	33	30.4
Fort Smith	Maximum	46	56	61	56	47	50	42	42	44	43	47	44	39	32	44	38	53	48	45	44	58	60	61	68	68	58	60	66	67	70	70	52.6
	Minimum	25	29	36	44	36	28	34	35	38	37	34	29	22	16	20	33	37	36	28	26	25	35	34	37	45	45	37	36	44	35	45	33.6
Gravette	Maximum	44	50	55	53	47	42	42	40	40	42	41	41	38	25	38	38	53	50	41	40	57	59	59	64	63	61	60	61	57	63	62	49.3
	Minimum	15	22	36	34	27	21	33	31	35	35	36	22	19	7	15	31	35	34	22	27	22	36	27	43	46	37	35	28	35	37	34	29.4
Helena	Maximum	48	49	57	53	55	50	48	51	43	55	44	50	43	42	40	45	45	47	47	46	53	66	67	70	70	69	67	69	65	72	63	54.5
	Minimum	26	25	35	46	40	28	31	35	34	31	34	34	24	19	16	26	35	39	28	26	25	36	40	43	44	45	47	38	39	38	39	33.7
Hope	Maximum	71	70	71	60	61	74	54	45	45	51	44	63	55	55	55	55	53	55	55	59	65	72	75	75	72	67	68	73	76	70	70	62.4
	Minimum	27	25	38	45	40	31	29	34	37	37	38	31	29	19	19	29	37	40	27	29	30	32	31	43	44	41	48	43	47	35	43	34.8
Hot Springs	Maximum	46	50	58	55	52	52	49	45	44	47	46	50	39	40	44	44	50	52	49	47	57	60	62	63	61	61	64	64	65	67	62	53.3
	Minimum	28	28	39	44	45	32	38	36	40	39	41	35	30	24	22	30	36	38	34	31	28	31	36	38	40	40	42	38	44	36	44	35.7
Jonesboro	Maximum	45	50	60	53	51	46	42	38	37	47	43	49	40	31	40	46	42	50	47	43	49	62	68	69	70	61	67	65	63	71	64	51.9
	Minimum	24	20	30	38	35	31	27	34	33	33	37	34	26	12	11	28	32	38	34	30	30	31	31	44	45	50	37	40	41	40	41	32.9
Lead Hill	Maximum	48	55	57	58	54	44	39	41	40	44	44	44	36	28	43	46	54	48	45	42	56	58	65	70	66	61	64	67	62	72	65	52.1
	Minimum	10	11	23	29	31	28	21	24	33	34	36	23	17	1	1	30	35	27	27	24	18	21	23	24	28	41	27	25	27	25	27	21.2
Little Rock	Maximum	43	54	59	55	50	48	39	41	41	41	42	48	38	30	40	42	45	51	46	43	54	64	65	67	68	65	68	69	64	74	61	52.1
	Minimum	28	28	36	44	41	30	31	37	35	34	38	34	24	20	21	30	36	38	33	32	31	38	40	42	42	49	47	45	48	40	48	36.1
Lutherville	Maximum	44	50	59	57	51	51	43	40	40	40	41	45	39	30	38	39	51	45	43	43	58	63	64	68	66	64	58	62	65	67	69	51.4
	Minimum	19	24	33	42	35	26	31	34	36	34	33	30	22	12	15	26	35	36	27	26	25	34	36	40	42	48	35	37	43	37	43	32.1
Magnolia	Maximum	57	58	60	64	58	60	55	50	42	47	51	48	48	44	45	53	46	52	50	48	64	66	62	67	71	64	65	[illegible]	70	69	[illegible]	57.2
	Minimum	32	34	37	45	42	30	34	35	38	37	35	35	27	20	22	31	33	40	30	30	29	39	39	42	42	47	50	46	49	37	43	36.5
Malvern	Maximum	50	53	63	59	55	55	47	43	43	47	44	52	44	38	46	42	49	52	50	47	61	67	67	69	70	68	69	71	70	75	67	[illegible]
	Minimum	25	21	27	40	41	25	27	32	37	34	36	32	27	16	17	26	34	39	30	24	22	28	28	31	31	41	43	35	[illegible]	[illegible]	37	[illegible]
Mammoth Spring	Maximum	43	47	57	57	54	58	47	40	38	43	42	42	40	33	37	42	44	48	49	43	47	59	63	68	68	63	63	64	62	[illegible]	[illegible]	51.3
	Minimum	14	16	25	34	33	33	32	33	33	34	34	26	20	9	6	27	33	27	31	24	21	23	27	26	34	43	29	27	31	[illegible]	[illegible]	[illegible]
Marianna	Maximum	47	48	56	53	53	47	47	43	43	47	49	49	45	39	39	45	45	48	48	45	51	65	65	69	70	70	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	25	18	31	42	42	31	29	36	34	33	34	34	26	18	16	26	35	33	33	30	28	34	41	43	43	43	44	39	42	35	[illegible]	[illegible]
Marshall	Maximum	39	51	53	58	58	46	41	38	38	42	42	42	37	24	33	42	46	48	48	39	48	63	55	64	62	62	58	58	58	70	64	49.3
	Minimum	14	29	37	48	37	27	30	32	34	32	35	27	20	10	14	29	35	28	27	30	21	30	29	31	42	43	31	28	31	30	30	29.8
Mena	Maximum	47	53	57	57	48	55	48	43	42	44	42	45	37	33	42	43	51	47	45	44	62	61	65	66	63	55	66	68	66	70	66	52.6
	Minimum	28	26	27	42	35	27	30	30	38	35	37	25	24	13	15	27	36	37	26	27	29	40	38	42	42	47	38	36	42	34	44	32.8
Mount Ida	Maximum	49	53	61	56	52	57	47	44	44	45	44	50	42	38	44	40	49	49	42	47	64	64	70	68	68	64	70	72	70	75	69	55.1
	Minimum	13	16	26	43	36	25	22	30	32	35	36	26	19	17	11	24	32	32	29	21	18	21	24	26	28	42	31	28	34	24	34	27.0
Newport	Maximum	42	47	57	53	51	48	42	43	41	44	42	47	41	30	38	45	43	51	50	44	47	53	66	68	70	62	63	66	65	73	65	51.5
	Minimum	20	20	28	42	35	32	25	34	35	34	36	32	21	14	14	26	31	33	33	28	24	28	33	35	42	46	36	34	38	29	33	30.7
Pine Bluff	Maximum	50	56	65	53	54	54	43	43	48	47	42	53	44	34	45	56	44	50	50	54	60	70	69	72	73	67	70	70	71	75	66	56.4
	Minimum	26	21	30	43	44	28	28	34	38	34	36	34	25	18	18	28	34	39	30	30	25	33	38	38	40	46	47	43	44	45	43	34.1
Pocahontas	Maximum	43	47	56	54	51	46	47	38	37	47	45	46	42	35	37	43	45	48	48	47	45	59	63	69	71	65	66	64	65	74	70	52.0
	Minimum	20	15	25	37	35	30	24	31	33	33	35	33	22	9	5	25	35	30	33	22	23	24	31	30	36	42	32	35	40	31	40	28.9
Portland	Maximum	48	52	59	53	51	50	48	48	40	47	48	49	48	46	39	47	45	48	48	44	57	61	64	63	62	66	67	65	66	68	65	53.6
	Minimum	28	23	31	43	45	31	31	38	37	35	41	39	28	21	21	28	36	41	31	31	27	30	35	37	36	44	47	46	49	34	45	35.1
Prescott	Maximum	56	58	63	65	55	58	54	48	45	46	45	54	49	43	46	50	52	55	55	53	64	69	69	70	71	66	70	72	72	72	70	58.5
	Minimum	27	26	31	42	40	29	29	33	36	35	36	33	32	18	18	27	37	40	26	28	28	32	35	38	40	43	47	43	46	35	35	33.7
Rison	Maximum	51	56	63	62	55	53	50	45	43	49	46	52	50	45	43	52	49	50	51	48	62	67	67	69	71	68	70	71	69	72	68	57.0
	Minimum	26	25	34	44	43	28	29	35	37	34	36	34	25	25	19	28	35	38	29	29	28	37	38	43	42	45	49	42	46	35	43	34.9
Searcy	Maximum	50	49	60	54	52	47	41	43	41	44	43	51	40	33	39	42	46	50	49	45	51	64	64	68	70	62	64	65	66	71	66	52.6
	Minimum	21	18	25	36	41	27	24	35	34	34	37	31	21	15	14	23	31	37	31	25	24	25	30	31	33	41	34	35	35	29	40	29.6
Stuttgart	Maximum	48	51	59	57	52	58	45	43	41	43	43	50	46	40	42	46	46	48	44	45	57	67	66	69	69	66	67	68	66	72	61	54.1
	Minimum	21	33	41	44	28	31	35	37	33	34	29	25	19	19	26	32	36	33	28	25	34	36	38	41	44	44	39	44	32	40	33	33.4
Texarkana	Maximum	53	58	58	58	53	60	60	56	45	47	45	55	48	40	46	54	58	53	53	52	61	65	67	70	71	61	66	73	73	71	68	58.1
	Minimum	24	31	36	37	38	25	34	34	30	34	35	30	23	17	17	29	35	33	26	27	25	35	35	36	40	40	45	45	43	35	40	32.7
Thornburg	Maximum	49	55	64	63	57	57	48	42	47	44	46	50	43	36	46	41	49	53	47	44	62	67	69	69	70	65	66	68	65	72	64	55.4
	Minimum	10	15	34	41	37	24	29	31	36	32	34	35	18	15	9	27	31	29	29	20	19	24	27	28	38	42	29	27	36	24	28	27.7
Warren	Maximum	49	53	60	54	53	49	46	49	45	48	47	50	49	45	41	48	47	52	49	46	58	65	66	68	65	65	67	67	67	68	66	54.9
	Minimum	28	25	31	43	43	30	30	36	36	34	39	37	28	19	19	27	35	38	30	32	29	35	37	40	39	46	52	46	50	35	46	35.3
Wilson	Maximum	46	48	58	54	51	58	44	40	37	49	45	47	41	35	37	46	44	44	46	43	48	63	65	69	69	66	64	65	62	72	64	52.3
	Minimum	18	22	33	39	42	32	27	33	30	29	34	34	26	13	13	25	29	30	33	25	23	27	37	40	40	44	40	35	37	35	35	31.0
Wynne	Maximum	42	48	58	53	50	46	41	40	38	45	43	48	40	30	39	45	46	46	45	44	48	64	65	67	70	63	60	67	62	73	61	51.3
	Minimum	26	20	35	44	38	30	28	35	32	33	35	32	23	15	16	27	33	36	33	27	25	33	38	42	43	51	40	35	43	35	34	32.8

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. .2 26-31-950

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

Vol. XXXVI Little Rock, Ark., February, 1931 No. 2

GENERAL SUMMARY

Except for February 1929, only once during the past seven years has the mean temperature for February been below normal. February 1930 with a mean of 52.2° established a new high record for the month and, although only moderately cold weather was experienced during February 1931, the mean was not near so high as that of the preceding year. Precipitation was above normal, this being the third consecutive year with a positive departure for the month of February.

The mild weather of the latter part of January continued during the first eight days of February with departures averaging about 12° above normal, but a moderately cold spell overspread the State on the 10th bringing the lowest temperatures for the month at many stations. Temperatures were again below normal from the 14th to the 17th but thereafter they were continuously above. The mean temperature for the State, as determined by the records of 63 stations, was 48.2° which is 4.9° above normal, all stations for which normals have been computed showing positive departures. The greatest departures from the normal occurred in the northwestern portion of the State. Monthly means ranged from 41.0° at Harrison to 53.3° at El Dorado. The highest temperature recorded was 75° at Hope on the 3d and at three other stations on later dates; the lowest 14° at Dutton on the 10th. The greatest daily range was 45° recorded at Crossett on the 12th and at Marked Tree on the 6th.

The average precipitation for the State, based on the reports of 93 stations, was 4.77 inches which is 1.47 inches above normal. Of the stations with records of 10 years or more, 55 showed positive departures and 13 negative. Precipitation was general from the 6th to the 9th with many stations reporting from two to over four inches during this period. Rain again fell on the 12th and 13th, the 16th and 17th, and more scatteringly from the 22d to the 25th and on the 28th. A trace of snow was reported from Lurton on the 8th and from Thornburg and Winslow on the 11th, and one inch from Lurton on the 17th. Monthly totals ranged from 2.52 inches at Junction near the southern border to 8.04 inches at Dutton in the northwestern part of the State. The greatest amount measured in any 24-hour period was 4.46 inches at Dutton on the 8th.

Farm work advanced rapidly during the first week of February. Oats were sown and potatoes, truck, and gardens planted in nearly all sections. Very little work was done during the middle of the month due to frequent rains, but by the close of the month much land had been prepared and some corn planted in extreme southern counties. Fruit buds were much farther advanced than usual and peaches and plums were blooming in central and southern counties.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs		1						1								3	2	6	1	1	1	2	3			1	1	1			
Moderate Hail																															
Heavy Hail																															
Sleet								1			1																				
Thunderstorms								1											2			3	4	2							

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.06	30.42	14	29.56	16	3,275	19	s	6	......	......	57
Fort Smith	30.05	30.35	10	29.60	16	4,401	20	e	21	84	65	51
Little Rock	30.08	30.46	14	29.60	16	4,969	31	n	8	76	57	59
Memphis	30.07	30.46	14	29.64	16	5,141	28	n	8	78	60	62

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**43 3**		**93**		**-29**		**3 30**		**11**	**6**	**11**	**7**
1891	46.5	+3.2	80	24	6	26	2.92	− 0.38	10	9	9	8
1892	49.0	+5.7	78	7	18	16	3.47	+ 0.17	11	9	9	7
1893	42.4	−0.9	74	20	2	11	4.05	+ 0.75	9	6	13	8
1894	40.5	−2.8	75	19	0	15	6.32	+ 3.02	8	7	13	8
1895	33.5	−9.8	78	28	−17	7	0.71	− 2.59	10	7	11	4
1896	45.2	+1.9	79	26	11	20	3.30	0.00	15	6	8	6
1897	46.6	+3.3	89	18	7	27	2.59	− 0.71	10	7	11	4
1898	45.8	+2.5	82	13	7	3	2.08	− 1.22	15	5	8	5
1899	31.8	−11.5	75	21	−25	12	2.18	− 1.12	12	6	10	6
1900	39.7	−3.6	74	8	− 5	17	5.06	+ 1.76	9	7	12	8
1901	40.8	−2.5	79	18	10	23	2.18	− 1.12	10	7	11	6
1902	35.0	−8.3	72	27	− 2	15	2.60	− 0.70	9	8	11	5
1903	41.0	−2.3	79	3	−12	17	7.63	+ 4.33	10	6	12	10
1904	44.9	+1.6	86	26	10	11	2.47	− 0.83	12	8	9	5
1905	32.3	−11.0	82	28	−29	13	2.55	− 0.75	9	6	13	7
1906	41.8	−1.5	75	23	− 7	5	2.21	− 1.09	15	5	8	6
1907	44.9	+1.6	83	10	4	6	2.77	− 0.53	12	6	10	6
1908	44.2	+0.9	78	29	0	2	5.26	+ 1.96	12	5	12	9
1909	47.3	+4.0	82	20	5	16	5.41	+ 2.11	13	6	9	8
1910	39.0	−4.3	75	8	−13	18	3.66	+ 0.36	11	6	11	7
1911	49.8	+6.5	87	1	7	22	4.31	+ 1.01	9	8	11	9
1912	37.9	−5.4	78	25	− 7	4	2.80	− 0.50	12	8	9	6
1913	41.0	−2.3	82	19	5	4	3.74	+ 0.44	11	6	11	8
1914	40.4	−2.9	79	3	− 2	7	4.23	+ 0.93	11	7	10	7
1915	45.9	+2.6	76	21	11	8	4.47	+ 1.17	11	5	12	8
1916	43.4	+0.1	82	17	6	2	1.78	− 1.52	14	4	11	5
1917	43.4	+0.1	89	26	− 4	1	1.93	− 1.37	15	5	8	4
1918	44.4	+1.1	93	27	4	1	1.17	− 2.13	12	6	10	4
1919	44.1	+0.8	80	20	−10	9	3.34	+ 0.04	13	4	11	8
1920	45.0	+1.7	79	4	− 2	16	1.26	− 2.04	11	8	10	5
1921	48.3	+5 0	85	24	− 3	20	3.59	+ 0.29	15	5	8	6
1922	47 8	+4.5	84	11	10	7	4.89	+ 1.59	9	7	12	8
1923	41.9	−1 4	80	1	5	4	4.66	+ 1.36	11	4	13	8
1924	42 9	−0.4	82	14	− 7	6	2.26	− 1.04	12	4	13	7
1925	49 3	+6.0	83	21	12	2	3.37	+ 0.07	12	7	9	6
1926	48.5	+5.2	88	7	10	19	2 02	− 1.28	15	5	8	4
1927	52.1	+8 8	90	16	9	19	2.62	− 0.68	10	7	11	8
1928	45.0	+1.7	79	5	10	17	2.23	− 1.07	12	6	11	7
1929	35 4	−7.9	76	25	−20	10	4.01	+ 0.71	9	4	15	10
1930	52.2	+8.9	86	26	16	16	3.92	+ 0.62	12	6	10	6
1931	48.2	+4.9	75	3†	14	10	4.77	+ 1.47	13	4	11	8

Corrections: January, 1931

Fort Smith highest barometer should be 30.66 inches.

Marianna temperature departure should be +2.1°.

Precipitation departures should be: Arkadelphia −3.95; Arkansas City −2.24; Camden −3.17; El Dorado −0.72; Hope −3.83: Jonesboro −3.97: Junction −1.98: Marked Tree −4.12: Osceola −3.53: Prescott −3.73: Springbank −1.73: Waldron −3.49.

Climatological Data for February, 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest 24 hours	Total snowfall (unmelted)	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	36	48.7	+4.7	72	3	26	15	35	3.81	+0.26	0.85	0.0	10	9	11	8	ne.	J. W. Campbell
Arkadelphia	Clark	250	35	......	......	......	......	......	......	......	4.10	+0.38	0.79	0.0	10	14	3	11	n.	W. K. Bown
Arkansas City	Desha	145	47	......	......	......	......	......	......	......	3.44	−0.93	0.98	0.0	9	14	0	14	......	Herbert Neil
Arlberg	Stone	700	9	......	......	......	......	......	......	......	5.95	......	2.48	0.0	8	13	4	11	ne.	J. D. Reeves
Batesville	Independence	277	32	43.0	+2.1	71	3	17	15	44	4.55	+1.26	1.59	0.0	10	16	0	12	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	47.2	+4.7	65	2	24	15	37	5.34	+2.31	2.60	0.0	8	15	2	11	n.	J. E. Scanlan
Bentonville	Benton	1303	26	45.4	+5.8	66	2	20	10	31	3.52	+1.35	1.16	0.0	12	16	2	10	s.	U. S. Weather Bureau
Black Rock	Lawrence	259	29	......	......	......	......	......	......	......	5.25	+2.21	2.58	0.0	9	16	2	10	n.	Vernon C. Howe
Blytheville	Mississippi	252	6	49.6	......	73	23	24	15	35	3.48	......	1.44	0.0	10	11	5	12	s.	Charles Phillips, Jr.
Booneville	Logan	465	17	49.1	+3.1	73	3	25	10	40	5.23	+3.11	1.18	0.0	9	13	4	11	e.	F. H. Randolph
Brinkley	Monroe	205	44	49.0	+5.1	70	3†	24	11†	40	6.16	+2.16	1.62	0.0	9	11	2	15	ne.	R. J. Torry
Calico Rock	Izard	361	27	43.4	+1.7	71	3	20	15	44	5.47	+3.00	2.20	0.0	10	12	5	11	nw.	W. J. Copp
Camden	Ouachita	158	46	49.4	+2.2	72	5	27	15	38	4.33	+0.45	0.80	0.0	9	12	6	10	n.	A. B. Quarterman
Center Point	Howard	470	32	52.0	+5.1	73	3	29	15	30	3.18	−0.04	1.17	0.0	11	12	4	12	se.	John C. Floyd
Clarendon	Monroe	200	27	......	......	......	......	......	......	......	5.10	+1.28	1.32	0.0	9	9	3	16	n.	J. W. Bishop
Clinton	Van Buren	516	10	......	......	......	......	......	......	......	5.75	......	1.61	0.0	8	13	5	10	sw.	A. L. Stephens
Conway	Faulkner	309	48	49.0	+5.4	71	2	24	15	40	4.65	+1.06	1.70	0.0	8	16	1	11	e.	E. E. Cordrey
Corning	Clay	293	38	44.1	+4.6	72	7	18	15	44	6.35	+2.95	1.90	0.0	8	13	0	15	n.	Winfred D. Felk
Cotter	Baxter	408	4	......	......	......	......	......	......	......	5.63	......	1.75	0.0	7	13	5	10	se.	O. B. McSpadden
Crossett	Ashley	175	16	49.9ᵃ	+3.1	75ᵃ	5	20ᵃ	12	45ᵇ	3.27	+0.23	0.83	0.0	8	16	1	11	ne.	G. A. Gifford
Danville	Yell	327	15	......	......	......	......	......	......	......	5.18	+2.79	1.47	0.0	9	13	1	14	sw.	C. G. Hudson
Dardanelle	Yell	330	45	49.6	+5.3	75	20	28	10	44	5.66	+2.70	1.27	0.0	9	9	5	14	n.	Geo. N. Goodier
De Valls Bluff	Prairie	153	4	......	......	......	......	......	......	......	5.60	......	1.15	0.0	9	13	6	9	......	H. G. Tate
Dumas	Desha	162	25	50.8	+3.8	73	23	24	11	37	2.58	−1.52	1.17	0.0	4	10	10	8	n.	Ben Johnson
Dutton	Madison	1590	28	41.9	+3.4	66	3	14	10	41	8.04	+5.32	4.46	0.0	9	12	5	11	n.	J. M. Ricketts
El Dorado	Union	270	30	53.3	+4.6	73	5	29	15	32	3.68	−0.37	0.72	0.0	8	11	3	14	ne.	J. J. Babb
England	Lonoke	229	24	50.2	+3.5	73	5	25	15	39	3.30	−0.69	0.78	0.0	10	14	3	11	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	46.8	+6.0	69	2	17	10	33	4.30	+1.76	1.84	0.0	9	12	5	11	n.	Geo. W. Nicholds
Fayetteville	Washington	1451	44	45.8	+5.7	65	2†	22	10†	34	4.68	+2.36	2.03	0.0	12	10	6	12	s.	University of Arkansas
Fort Smith	Sebastian	457	50	49.1	+6.3	70	5	28	10	31	5.97	+3.41	3.62	0.0	9	11	4	13	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	7	......	......	......	......	......	......	......	6.71	......	2.60	0.0	16	15	2	11	s.	R. J. McCuiston
Fulton	Hempstead	260	45	......	......	......	......	......	......	......	3.75	+0.70	0.92	0.0	9	11	6	11	......	T. J. Logan
Georgetown	White	200	19	......	......	......	......	......	......	......	5.67	+2.28	2.22	0.0	9	11	2	15	......	W. R. Owens
Gilbert	Searcy	675	8	......	......	......	......	......	......	......	4.63	......	1.71	0.0	8	10	13	5	......	Ben F. Battenfield
Grannis	Polk	900	12	47.6	+2.0	72	3	21	10†	43	5.24	+2.15	2.22	0.0	11	14	4	10	e.	W. E. McVay
Gravette	Benton	1250	34	45.8	+7.2	66	20	18	10	38	3.42	+1.52	0.94	0.0	7	9	7	12	se.	A. F. Stevens
Harrison	Boone	1052	30	41.0	+2.9	67	2†	19	10	41	4.23	+1.70	2.50	0.0	3	12	7	9	nw.	Dan Robertson
Helena	Phillips	250	59	50.6	+5.7	73	6	24	15	36	4.69	+0.19	1.00	0.0	10	9	11	8	nw.	James A. Burnett
Higden	Cleburne	445	13	......	......	......	......	......	......	......	4.51	+1.87	2.22	0.0	9	8	4	16	w.	Geo. W. Baker
Highland	Pike	......	2	52.0	......	74	3	28	15	38	4.15	......	1.30	0.0	7	15	3	10	s.	Tom W. Stewart
Hope	Hempstead	377	60	52.4	+4.5	75	3	28	11	39	3.53	−0.19	1.05	0.0	8	13	1	14	ne.	N. P. O'Neal
Hot Springs	Garland	600	40	50.9	+4.0	66	2†	30	15	28	3.57	−0.06	1.47	0.0	8	11	8	9	......	G. C. Bolton
Index ‡‡	Little River	275	6	......	......	......	......	......	......	......	3.90	......	0.80	0.3	9	12	2	14	......	H. G. Sanderson
Jessieville	Garland	750	5	......	......	......	......	......	......	......	......	......	......	..	..	..	..	..	......	U. S. Forest Service
Jonesboro	Craighead	345	36	47.8	+5.8	73	3	23	15	39	5.12	+1.47	2.02	0.0	10	13	6	9	n.	Benedictine Sisters
Junction ‡‡	Union	182	37	52.7	+4.8	72	7	33	17	32	2.52	−0.94	0.89	0.0	4	14	7	7	n.	J. A. Lowderback
Lead Hill	Boone	650	4	44.6	......	68	2†	18	10	44	5.41	......	2.71	0.0	9	15	1	12	se.	J. H. Crosswhite
Little Rock	Pulaski	357	52	49.6	+4.7	69	3	29	15	27	4.03	+0.19	1.79	0.0	9	14	1	13	n.	U. S. Weather Bureau
Lurton	Newton	2100	6	42.7	......	63	3	18	10	27	6.29	......	2.50	1.0	10	13	5	10	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	47.8	+5.6	70	2	24	10†	32	6.77	+3.77	2.47	0.0	7	14	2	12	e.	H. G. Lenhardt
Madison	St. Francis	......	1	......	......	..	..	..	..	..	4.47	......	1.23	0.0	9	13	4	11	......	William G. Hager
Magnolia	Columbia	315	12	53.2ᵃ	+1.9	72ᵃ	5†	30ᵃ	16	30ᵃ	4.43	+0.90	1.55	0.0	6	11ᵃ	5ᵃ	11ᵃ	s.	State Agri. School
Malvern	Hot Springs	277	44	49.7	+4.0	72	3	24	15	39	4.27	+0.70	1.05	0.0	11	18	0	10	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	26	45.1	+5.3	70	3	19	15	40	3.70	+1.00	1.05	0.0	7	14	5	9	nw.	S. F. Whittaker
Marianna	Lee	235	19	48.9	+3.8	71	6	24	11†	38	4.36	+0.58	1.65	0.0	9	11	9	8	n.	C. N. Houck
Marked Tree	Poinsett	229	26	45.6	+1.8	70	3†	23	11	45	6.64	+3.06	2.36	0.0	10	7	14	7	s.	Charles Walton
Marshall	Searcy	1070	17	44.4	+0.4	65	3	20	10	34	4.73	+2.46	3.10	0.0	8	15	1	12	sw.	A. J. Parks
Mena	Polk	1185	43	48.8	+4.8	70	3	26	15	33	5.49	+2.31	1.50	0.0	10	14	5	9	ne	E. W. St. John
Morrilton	Conway	347	10	47.2	......	70	5	27	15	38	3.99	......	1.12	0.0	7	12	8	8	e.	John Cook
Mountain Home	Baxter	800	17	45.5	+4.0	70	2†	21	9†	40	6.37	+1.09	3.00	0.0	7	13	2	13	s.	B. S. Halbert
Mount Ida	Montgomery	650	32	47.3	+1.4	72	3	19	15	44	3.81	−0.15	0.93	0.0	7	12	3	13	nw.	G. A. Whittington
Newport	Jackson	231	47	47.4	+5.2	71	3	24	15	39	5.13	+1.65	1.70	0.0	10	13	5	10	s.	J. D. Henderson
Norman	Montgomery	750	4	......	......	......	......	......	......	......	4.61	......	1.60	0.0	5	14	5	9	......	U. S. Forest Service
Oden	Montgomery	800	5	......	......	......	......	......	......	......	4.72	......	1.60	0.0	5	12	5	11	se	U. S. Forest Service
Okay	Howard	288	2	51.6	......	72	3†	28	10†	41	3.12	......	0.92	0.0	10	10	7	11	s.	Frank K. Hensley
Osceola	Mississippi	240	33	48.3	+1.9	71	3	24	15	39	4.41	+0.94	2.00	0.0	5	14	7	7	s.	June Thomason
Ozark	Franklin	396	35	46.6	+3.3	71	3	26	10	38	6.31	+3.83	2.62	0.0	9	15	1	12	se.	Orkney O. Milton
Paragould	Greene	301	5	......	......	......	......	......	......	......	5.42	......	1.67	0.0	7	14	3	11	se.	W. R. Heagler
Parkin	Cross	......	1	......	......	......	......	......	......	......	5.96	......	1.73	0.0	9	10	3	15	......	P. D. Roberts
Patterson	Woodruff	196	15	......	......	......	......	......	......	......	6.14	+2.78	1.93	0.0	8	14	1	13	n.	W. E. Baker
Piggott	Clay	307	7	......	......	......	......	......	......	......	5.11	......	3.06	0.0	10	15	3	10	ne.	V. C. Wright
Pine Bluff	Jefferson	215	44	51.2	+4.8	74	5	25	11	40	3.10	−0.76	0.67	0.0	11	14	5	9	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	38	46.2	+5.8	71	3	20	15	41	5.62	+2.43	3.30	0.0	6	13	6	9	sw.	Benedictine Sisters
Portland	Ashley	122	25	52.0	+2.6	74	7	23	11	36	2.77	−1.30	0.95	0.0	8	12	7	9	n.	W. E. Edmiston
Prescott	Nevada	329	43	52.1	+5.1	73	3†	27	15	37	4.66	+1.23	1.12	0.0	9	13	4	11	s.	Craig Williams
Princeton	Dallas	287	25	......	......	......	......	......	......	......	3.38	−0.23	1.15	0.0	7	..	..	..	......	Mrs. Dora Coleman
Rison	Cleveland	243	30	52.2	+5.4	72	5	26	11†	35	3.27	+0.68	0.92	0.0	7	14	3	11	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	45.7	+6.6	67	2†	18	10	42	3.73	+1.84	1.39	0.0	6	11	4	13	ne.	Carl A. Starck
St. Charles	Arkansas	175	2	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	Ballard Deane
St. Francis	Clay	290	3	......	......	......	......	......	......	......	4.72	......	1.84	0.0	5	13	6	9	......	S. T. Rooney
Searcy	White	236	22	47.3	+1.8	69	3	24	15	38	5.65	+2.41	2.16	0.0	10	17	1	10	n.	Arthur D. Smith
Springbank ‡‡	Miller	240	24	......	......	......	......	......	......	......	4.09	+0.55	1.18	0.0	8	13	1	14	......	Miss Grace Field
Story	Montgomery	700	7	......	......	......	......	......	......	......	4.23	......	0.96	0.0	7	15	3	10	n.	S. C. Story
Stuttgart	Arkansas	228	44	50.2	+5.3	70	5†	26	14	30	4.62	+0.70	1.19	0.0	9	9	8	11	n.	Adam F. Buerkle
Subiaco	Logan	1050	34	48.2	+4.8	71	2†	25	10	38	6.25	+3.54	2.16	0.0	10	12	3	13	s.	New Subiaco Abbey
Texarkana	Miller	332	45	50.4	+1.8	75	4	26	15	40	4.00	+0.83	1.30	0.0	6	15	0	13	n.	H. S. Brashear
Thornburg	Perry	650	7	46.9	......	70	3†	18	15	43	3.50	......	1.32	T.	10	13	5	10	n.	Edward E. Holmes
Waldron	Scott	675	12	......	......	......	......	......	......	......	7.67	+4.62	2.86	0.0	8	8	4	16	nw.	Dr. Cheves Bevill
Warren	Bradley	206	37	51.9	+4.9	72	7	26	11	32	6.29	+2.17	1.55	0.0	10	15	10	3	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	......	......	......	......	......	......	......	4.64	......	1.20	0.0	6	14	6	8	w.	J. R. Huddleston
Whitecliffs	Little River	290	27	......	......	......	......	......	......	......	2.81	−0.36	0.82	0.0	8	10	2	16	e.	Nannie O. Schirmer
Wilson	Mississippi	237	6	46.8	......	71	6	20	15	41	4.71	......	1.30	0.0	7	18	1	9	s.	M. W. H. Collins
Winslow	Washington	1734	16	43.8	+3.1	70	2	19	10	31	7.87	+5.31	4.10	T.	12	11	5	12	s.	J. D. Black
Wynne	Cross	250	23	47.9	+2.8	70	6	24	15	37	6.05	+2.55	1.85	0.0	8	11	8	9	n.	R. T. Cobbs
Yancopin	Desha	167	7	......	......	......	......	......	......	......	4.77	......	1.67	0.0	10	12	5	11	......	W. E. Barton
State Means and Extremes				48.2	+4.9	75	3†	14	10	45	4.77	+1.47	4.46	1.0	8	13	4	11	n.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Freeman Springs, Dover; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Amount included in next measurement.

Daily Precipitation for February, 1931

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		.28						.32	.74				.85	.16	.47		.05						.25	.11				.58				3.81
Arkadelphia	Ouachita								.65	.57				.79	.10		.58	.07						.28	.50	.02			.54				4.10
Arkansas City	Mississippi								.05	.18				.21	.98		.26	.37							.70	.12			.54				3.44
Arlberg	White						.23	1.52	2.48					.57			.31						.40	.23					.21				5.95
Batesville	White							.07	1.59	1.18				.27	.04		.23	.19						.15	.63	.20							4.55
Bee Branch	Arkansas						.15	.18	2.50			T.		1.20			.45	T.					.40		.38				.08				5.34
Bentonville ***	Arkansas			T.			.09	.24	.92			.01	.50	.40		T.	.32	.01				.11	.90		.01				.01				3.52
Black Rock	White							.12	2.58	.93				.81	.04		.21	.32						T.	.02	.22							5.25
Blytheville	Mississippi							T.	.56	1.44				.84	.13		.06	.23			.05			.02	.03	.12							3.48
Booneville	Arkansas						.20	1.00	1.18	.06			1.02	.19			.40						1.03						.15				5.23
Brinkley	White								.36	1.62				.52	.21		.31	.20							1.18	1.44			.32				6.16
Calico Rock	White							.34	2.20	1.09				.64			.25	.27		T.			.03	.27	.20	.18							5.47
Camden	Ouachita								.15	.57				.80	.68		.60	.15						.48	.30				.60				4.33
Center Point	Red		.03					.14	.42	.10			.07	1.17	.01		.60						.31		.03				.30				3.18
Clarendon	White								.24	1.27				.33	.20		.33	.13						T	1.03	1.32			.25				5.10
Clinton	White						.19	1.56	1.61					1.03			.42						.47		.42				.05				5.75
Conway	Arkansas						T.	.53	1.70	.08				1.05			.37						.18		.59				.15				4.65
Corning	White						.50		1.90	1.45				.75		.55	.75							.15					.30				6.35
Cotter	White							.32	1.75	1.41				.95	T.		.45	.31					T.	.44									5.63
Crossett	Ouachita								T.	.43				.10	.70		.35	.12						.18	.83				.56				3.27
Danville	Arkansas							.19	.72	1.19				.75	.21		.35	.09						1.47					.21				5.18
Dardanelle	Arkansas							.16	1.15	1.27				1.16	.21		.40	.06					T.	1.11					.11				5.66
De Valls Bluff	White								.22	1.45				.41	.12		.30	.20							1.24	1.40			.26				5.60
Dumas	Mississippi									.30								.58						T.	1.17	T.			.53				2.58
Dutton	White				T		.28	.48	4.46	.07			.30	1.37		T	.31						.69						.08				8.04
El Dorado	Ouachita									.72				.18	.38		.56	.04						.40	.56				.54				3.68
England	Arkansas						T.	.10	.73	.30				.46	.03		.47	.02		T.			.08		.78				.33				3.30
Eureka Springs	White						.11	.11	1.84			.03	.05	1.10		.03	.60						.43										4.30
Fayetteville	White						.14	.26	2.03	.01			.03	1.17		.03	.42	.05				.03	.49						.02				4.68
Fort Smith ***	Arkansas						.22	2.16	1.71			T.	1.01	.24		.03	.23					T.	.34	T.	T.				.03				5.97
Freeman Sprgs.	Arkansas							.19	2.60	1.02				1.39	.04		.33	.07					.05	1.01					.01				6.71
Fulton	Red						T.		.29	.80				.92	.25		.60	.02					T.	.25	.22	T.			.40				3.75
Georgetown	White								.06	2.22				.80	.18		.43	.11							.68	1.03			.16				5.67
Gilbert	White				T.			.21	1.71	1.30				.43			.39	.08					.04	.44									4.63
Grannis	Red		.07				T.	.38	1.12	.08			.48	2.22			.60	.03		.05			.91						.30				6.24
Gravette	Arkansas						.18	T.	.94			T.	T.	.88		T	.36	.06				T.	.86		.14								3.42
Harrison	White						T.	T.	2.50				.75				.98						T.						T.				4.23
Helena	Mississippi								.18	.78				.52	.54		.28	.65	.02						1.09	.56			.16				4.69
Higden	White						.20	.09	2.22	.40				.71			.41						.24	.03	.20								4.50
Highland	Ouachita							.30	1.20				.05	1.30			.60						.10						.60				4.15
Hope	Red								.99	.07			.10	1.05			.61						.30		.28				.40				3.80
Hot Springs	Ouachita							.38	1.47				.25			.18	.28						.37		.12				.52				3.57
Index	Red						.01		.30	.55				.80	.12	T.	.40							.23	.19				.40				3.00
Jessieville	Ouachita																																
Jonesboro	White							.05	.91	2.02				.91	.07		.15	.27			.05				.38		.31						5.12
Junction	Ouachita	.24							T.							.77							.62						.89				2.52
Lead Hill	White				.05		.54	.03	2.71			T.	.02	.94			.85	.04		T.			.23						T.				5.41
Little Rock ***	Arkansas						T.	.14	1.79				.08	.54			.36						.14	.04	.68				.26				4.03
Lurton	White						.29	1.30	2.50			T.	.49	.63			.03	.03					.92	.02					.08				6.29
Lutherville	Arkansas						.20	.60	2.47				T.	1.46			.52						1.37						.15				6.77
Madison	St. Francis								.33	1.00				.53	.29		.18	.22							.53	1.23			.16				4.47
Magnolia	Red								1.02					1.55			.66						.41		.39				.40				4.43
Malvern	Ouachita		.06						.56	1.05				.93	.15		.50	.63						.32	.43	.01			.43				4.27
Mammoth Spg.	White							.30	.50	1.00				1.05			.30	.35						.20									3.70
Marianna	Mississippi							.10		.56				1.00	.05		.42	.06							1.65	.02			.50				4.36
Marked Tree	Mississippi								.34	2.36				.82	.32		.12	.26	.01		.05				.87	1.49							6.64
Marshall	White						.21	.40	3.10	.14			.08	.10			.20						.50	T.	T.				T.				4.73
Mena	Ouachita						.06	T	.92	.81				1.50	.03		.44	.02					.30	1.05					.36				5.49
Morrillion	Arkansas							.14	.86	1.12				.82			.50							.44		.11							3.99
Mountain Home	White						.35	.60	3.00			T	.12	1.05			.75						.50		T.								6.37
Mount Ida	Ouachita							.24	.49	.19				.94			.34						.90						.71				3.81
Newport	White							.01	.98	1.70				.53	.14		.15	.18						.02	.64	.78							5.13
Norman	Ouachita								1.00					1.60			.38						.88						.75				4.61
Oden	Ouachita								.97					1.60			.60						1.00						.55				4.72
Okay	Red						T	.05	.57	.15			.02	.92	.07		.50						.30	T.	.20				.34				3.12
Osceola	Mississippi								2.00						1.05			.37			.07					.95							4.44
Ozark	Arkansas							.23	2.62	.87				1.63	.12		.38	.05					.35		T.				.06				6.31
Paragould	Mississippi							.03	1.67	1.57				.84			.44								.32				.55				5.42
Parkin	St. Francis								.34	1.73				.80	.14		.25	.23							1.08	1.24			.15				5.96
Patterson	White								.66	1.93				.81			.41	.08							1.15	.85			.25				6.14
Piggott	Mississippi						.09	.01	3.06	.30				.71			.31	.07		.04					.09				.43				5.11
Pine Bluff	Arkansas		.09						.03	.63				.67	.11		.39	.13						.15	.33	.14			.43				3.10
Pocahontas	White						.40		3.30					.75			.52								.10				.55				5.62
Portland	Ouachita								.05	.12				.08	.66		.21	.10							.95				.60				2.77
Prescott	Ouachita						T.		.62	.84				1.12	.16		.51	.04						.56	.40				.41				4.66
Princeton	Ouachita									1.02				1.15	.15									.54	.20	.14			.18				3.38
Rison	Ouachita									.50				.92			.10	.50						.31	.40				.54				3.27
Rogers	White						.11	.16	1.39				T.	1.01		T.	.45					T.	.61						T.				3.73
St. Charles	White																																
St. Francis	St. Francis							.14	1.56	1.84				.69			T.	.49	T.	T.					T.	T.							4.72
Searcy	White								.45	2.16				1.06	.10		.31	.16						.05	.58	.67			.11				5.65
Springbank	Red							T.	.05	1.18				.68	.34		.66	T.						.30	.56				.32				4.09
Story	Ouachita						.05	.65	.77				.96			.68							.64						.48				4.23
Stuttgart	Arkansas								.20	1.19				.48	.14		.35	.15							.90	.92			.29				4.62
Subiaco	Arkansas						.20	.50	2.16	.34			.12	1.13	.02		.32						1.30						.16				6.25
Texarkana	Red								1.10					1.30	.10		.60							.20					.70				4.00
Thornburg	Arkansas						T.	.30	1.32	.11		T.	T.	.72	T.		.26	.03					.40	.01	.03				.32				3.50
Waldron	Arkansas						.17	.61	2.86	.28				1.58		T.	.47						1.39						.31				7.67
Warren	Ouachita								.40	.37				1.55	1.22	.10	.40	.60						.15	.90	T.			.60				6.29
Waters	Ouachita								1.20					.82	.16		.87							1.07					.52				4.64
Whitecliffs	Red						T.	T.	.28	.46				.82	.18		.56	T.		T.			T.	.23	.08	T.			.20				2.81
Wilson	Mississippi								.14					1.00	.07			.37	1.30						.73	1.10							4.71
Winslow	Arkansas						.30	4.10	.15			T.	.35	1.80		.02	.38	.04		.02		T.	.65	.01					.05				7.87
Wynne	Mississippi								.35	1.85				.65	.20		.20	.30							.90	1.60							6.05
Yancopin	Arkansas	.05							.13	.19				.37	.44		.81	.22						T.	1.67	.81			.58				4.77

Daily River Stages for February, 1931

Stations	Rivers	Flood Stage	1	2	3	4*	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.0	4.0	4.0	4.0	3.9	3.9	3.8	5.3	13.4	12.7	11.3	10.2	8.8	10.2	10.7	9.7	8.8	7.8	7.2	6.8	6.4	6.2	6.8	11.2	11.8	11.6	10.2	8.7			
Ozark	do	22	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	10.0	12.0	9.3	8.2	8.5	8.9	8.3	8.0	7.1	6.6	5.1	4.7	3.9	3.7	3.4	5.8	9.0	9.5	7.8	7.2			
Dardanelle	do	20	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.8	12.0	14.2	12.9	11.3	10.8	12.5	11.4	10.9	10.4	9.6	8.5	7.7	7.2	6.8	8.2	7.8	10.0	10.8	11.0	10.0			
Morrillton	do	20	-0.2	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	4.0	11.9	11.6	9.8	8.7	10.4	10.0	9.2	8.7	8.0	7.0	5.9	5.1	4.5	5.0	5.6	6.0	8.3	9.0	8.3			
Little Rock	do	23	-0.3	-0.4	-0.5	-0.5	-0.5	-0.6	-0.6	-0.5	-0.1	9.4	13.0	12.0	10.2	9.9	11.5	10.5	10.0	9.5	8.5	7.5	6.4	5.6	4.8	5.7	6.3	7.7	9.0	9.2			
Pine Bluff	do	25	4.2	4.2	4.1	4.1	4.1	4.0	4.0	4.3	4.3	4.6	14.5	15.7	14.5	18.8	14.7	15.0	14.2	13.8	13.3	12.8	11.8	10.9	10.2	9.9	10.5	11.0	12.5	13.6			
Yancopin	do	29	5.6	5.5	5.5	5.5	5.4	5.3	5.3	5.3	5.2	5.3	6.6	17.7	18.7	17.8	17.1	18.1	18.4	17.9	17.6	17.1	16.5	15.8	15.2	14.8	14.7	15.5	16.2	17.8			
Danville	Petit Jean	20	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	11.2	20.0	20.8	18.7	15.0	19.5	20.7	20.1	18.6	17.4	14.3	10.6	8.7	7.4	19.6	21.3	21.1	19.1	15.3	11.0			

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.1	3.0	3.0	2.8	2.8	2.8	3.1	3.4	9.9	7.9	11.7	13.6	9.6	9.9	9.3	9.3	10.6	9.8	8.9	7.8	7.3	6.7	6.2	6.2	6.2	6.2	6.5	6.0			
Calico Rock	do	18	0.5	1.1	1.0	0.5	0.6	0.9	0.9	2.2	15.6	13.5	10.0	12.6	10.5	10.3	10.1	8.9	10.5	10.0	8.9	7.9	7.1	6.3	5.9	5.7	5.8	5.8	5.6	5.1			
Batesville	do	23	5.2	5.2	5.6	5.5	5.1	5.1	5.5	6.4	20.3	23.6	18.1	18.3	19.1	17.4	17.4	18.1	18.3	17.1	16.1	14.9	13.9	12.8	12.1	11.7	11.9	11.8	11.7	11.3			
Newport	do	26	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.8	9.5	19.5	21.9	21.4	22.1	22.0	21.6	21.2	20.5	20.5	20.4	19.7	18.6	17.4	16.0	14.9	14.2	13.8	13.2	12.6			
Georgetown	do	22	2.7	2.6	2.5	2.4	2.3	2.3	2.3	2.3	3.3	13.2	18.6	19.1	19.3	19.7	20.3	20.7	21.1	21.3	21.5	21.5	21.5	21.4	21.2	21.0	20.8	20.6	20.4	20.0			
De Valls Bluff	do	24	6.6	6.5	6.5	6.4	6.3	6.2	6.2	6.2	6.7	9.0	15.8	18.8	19.5	20.2	20.6	20.9	21.2	21.4	21.6	21.9	22.2	22.3	22.4	22.4	22.6	22.4	22.2	22.0			
Clarendon	do	30	9.6	9.5	9.5	9.4	9.3	9.3	9.2	9.2	9.4	10.4	14.6	17.9	19.5	20.6	21.5	22.2	23.0	23.7	24.3	24.9	25.4	25.8	26.1	26.4	26.8	27.0	26.9	26.8			
Gilbert	Buffalo	30	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.4	18.0	10.2	6.6	5.4	10.4	7.0	6.1	5.6	5.4	5.3	5.1	4.9	4.8	4.7	5.6	5.0	4.7	4.6	4.5	4.4			
Black Rock	Black	14	2.3	2.3	2.2	2.2	2.2	2.2	2.2	4.6	14.4	15.6	13.5	12.3	11.7	11.9	11.6	10.6	10.7	10.7	10.0	9.4	8.9	8.2	8.2	7.7	7.6	7.2	6.9	6.7			
Camden	Ouachita	30	4.8	4.7	4.6	4.6	4.6	4.7	5.0	5.1	5.2	5.8	10.9	11.4	10.6	10.5	12.1	17.0	17.3	18.5	19.2	19.4	19.4	19.0	16.0	14.7	14.1	15.1	15.3	14.7			
Fulton	Red	28	5.6	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.3	5.5	9.5	15.0	17.0	16.7	16.5	18.0	18.5	18.3	17.7	16.9	15.7	14.4	13.2	12.7	15.8	17.7	18.5	18.0			
Helena	Mississippi	44	3.8	3.5	3.2	3.2	3.4	3.5	3.4	3.2	3.1	2.8	2.8	3.6	4.7	5.2	6.1	7.1	8.2	9.2	10.3	11.7	12.3	12.7	13.1	13.6	14.2	14.7	14.8	14.9			
Arkansas City	do	48	5.8	5.2	5.0	4.7	4.6	4.5	4.6	4.7	4.5	4.5	4.3	5.1	8.5	10.6	11.3	11.9	13.0	14.0	14.7	15.5	16.3	17.0	17.3	17.5	18.0	18.5	19.2	19.8			

Daily temperatures for February, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	67	66	72	67	69	68	60	60	52	49	58	58	59	49	48	49	52	64	69	61	65	55	56	55	60	65	64	56				59.8
	Minimum	35	35	38	39	34	34	51	56	37	28	28	31	45	30	26	30	41	38	39	34	35	39	48	47	40	40	38	38				37.6
Bentonville	Maximum	64	66	65	56	65	62	61	52	47	46	51	51	48	45	49	43	46	57	52	60	62	54	52	50	59	60	61	55				55.0
	Minimum	36	36	39	34	34	50	52	38	30	20	35	42	30	20	29	36	38	28	33	32	36	40	44	41	36	32	39	42				35.8
Bee Branch	Maximum	59	68	67	66	65	64	63	60	58	53	55	58	56	55	50	48	50	58	58	55	56	55	56	56	61	60	61	59				58.2
	Minimum	35	35	35	43	28	40	50	43	32	25	25	33	41	27	24	37	43	38	34	30	31	41	43	41	40	38	34	44				36.1
Blytheville	Maximum	61	68	70	69	64	72	71	63	53	55	52	62	63	50	54	57	55	56	55	55	60	65	73	70	61	64	64	65				61.7
	Minimum	31	35	35	39	29	52	53	44	36	26	26	38	44	28	24	39	45	41	34	33	30	35	47	43	39	37	35	46				37.4
Booneville	Maximum	65	70	73	66	72	67	65	59	54	50	59	57	52	47	50	48	50	65	61	60	63	60	55	57	64	62	66	62				60.0
	Minimum	34	35	33	40	34	46	55	45	34	25	34	38	43	27	28	38	42	35	35	34	38	43	46	48	38	35	40	46				38.2
Brinkley	Maximum	63	68	70	62	68	70	65	60	53	47	54	66	60	46	52	60	55	61	63	57	60	65	63	58	60	62	60	54				60.1
	Minimum	34	32	32	41	28	47	55	47	38	27	24	36	45	30	24	39	47	41	38	36	30	39	49	42	42	38	38	46				38.0
Calico Rock§§	Maximum	61	69	71	61	66	63	68	54	52	45	54	58	52	41	50	47	49	54	53	55	57	47	60	48	63	62	64	56				56.4
	Minimum	26	27	28	30	22	22	43	48	31	21	21	33	35	24	20	25	37	35	29	28	27	28	42	42	40	29	29	31				30.5
Camden§§	Maximum	67	62	71	68	72	71	71	63	55	51	58	64	62	51	51	52	60	64	68	63	67	62	62	56	63	65	60	57				62.0
	Minimum	31	35	34	34	34	34	49	58	38	28	28	28	44	33	27	31	42	42	35	36	33	35	44	47	39	35	37	40				36.8
Center Point	Maximum	65	62	73	68	71	68	64	61	61	52	58	58	60	51	50	50	55	65	70	66	65	61	57	57	62	64	63	59				61.3
	Minimum	44	46	43	45	42	50	56	57	37	30	34	46	49	30	29	39	44	37	44	37	39	47	49	48	36	44	45	46				42.6
Conway	Maximum	63	71	70	63	70	67	66	60	55	53	57	62	60	48	51	49	51	61	61	54	60	58	58	56	64	62	64	58				59 8
	Minimum	32	33	36	42	30	46	50	45	38	27	26	50	42	29	21	38	44	41	37	31	34	44	45	43	43	37	35	46				38 1
Corning	Maximum	56	66	70	63	61	59	72	61	51	45	51	56	55	44	50	46	51	49	52	54	55	60	62	57	64	60	64	55				56.8
	Minimum	25	27	26	33	21	45	49	38	32	21	24	37	41	23	18	35	38	37	28	26	24	30	36	39	35	31	27	34				31.4
Dardanelle	Maximum	62	71	72	64	70	68	63	60	55	52	59	58	57	47	49	48	53	63	64	75	60	57	56	59	67	63	65	59				60.6
	Minimum	35	34	34	42	31	43	54	46	37	28	31	37	43	29	29	38	41	39	35	31	37	46	47	47	41	37	37	45				38.5
Dumas	Maximum	68	67	71	63	70	72	70	64	63	45	55	65	60	53	54	52	56	61	70	58	61	69	73	59	62	64	64	60				62.6
	Minimum	35	34	34	38	34	42	56	56	31	27	24	44	48	33	25	40	48	45	38	36	34	42	44	44	40	36	38	49				39.1
Dutton	Maximum	61	65	66	61	63	57	58	56	47	45	48	48	48	47	46	41	42	58	49	59	58	54	59	52	58	59	59	53				54.2
	Minimum	23	25	25	28	25	41	52	35	29	14	23	33	34	17	19	31	31	28	26	20	31	38	41	38	33	24	28	38				29.6
El Dorado	Maximum	65	62	71	70	73	71	71	68	63	52	59	66	63	54	54	53	60	66	70	65	68	62	63	60	62	62	58	61				63.3
	Minimum	37	44	43	42	42	50	56	58	40	30	30	42	54	35	29	42	45	46	38	37	39	48	47	50	37	57	45	49				43.3
Eureka Springs	Maximum	65	69	68	61	67	64	63	57	50	50	51	53	49	48	52	44	45	60	53	62	66	55	55	53	62	64	65	56				57.4
	Minimum	33	41	43	33	39	52	56	40	28	17	35	43	35	19	29	34	40	31	32	29	34	39	44	40	35	32	42	42				36.3
Fayetteville	Maximum	61	65	65	60	65	61	62	56	46	49	50	51	50	45	56	44	45	57	53	62	59	55	54	52	59	60	61	55				55.8
	Minimum	32	31	33	34	31	50	56	41	29	22	35	43	38	22	28	33	37	31	32	30	38	38	45	42	35	32	38	41				35.7
Fort Smith	Maximum	61	69	68	64	70	67	62	58	53	45	59	51	52	49	46	45	48	60	57	58	59	52	58	51	62	61	65	54				57.3
	Minimum	40	43	42	45	39	51	58	46	37	28	36	43	36	30	31	38	44	36	38	37	40	44	48	43	41	41	42	47				40.9
Gravette	Maximum	61	63	62	61	65	61	61	59	46	45	52	52	49	44	49	43	48	64	63	66	64	54	54	51	60	63	61	58				56.4
	Minimum	36	34	32	31	31	50	54	42	27	18	36	42	35	19	26	35	37	26	31	31	38	39	43	40	34	34	39	43				35.1
Helena	Maximum	64	68	69	62	68	73	65	65	64	47	55	66	61	51	54	50	55	60	67	56	60	62	68	62	60	62	60	56				61.1
	Minimum	37	38	33	41	37	49	55	56	39	26	27	41	45	30	24	40	48	43	39	36	33	41	49	42	41	41	44	47				40.1
Hope	Maximum	70	64	75	71	73	71	65	6[illegible]	58	54	61	64	63	55	51	64	65	67	70	68	70	63	59	60	60	70	65	61				64.3
	Minimum	32	42	36	43	44	50	55	47	37	30	28	45	49	33	30	40	47	39	38	35	35	49	46	47	38	37	39	46				40.6
Hot Springs	Maximum	60	66	66	63	61	66	63	62	57	50	55	59	59	55	50	52	54	61	64	59	61	52	58	55	61	62	62	58				59.1
	Minimum	44	46	40	42	36	51	53	57	42	32	34	36	48	34	30	40	44	42	42	42	39	48	48	49	45	41	40	51				42.7
Jonesboro	Maximum	58	64	73	62	68	65	69	59	52	46	51	63	58	45	47	58	58	53	51	53	51	62	64	59	60	59	64	55				58.
	Minimum	35	34	36	43	29	48	57	41	36	26	27	35	42	28	23	36	44	44	34	34	31	38	47	42	40	39	37	42				37.4
Lead Hill	Maximum	60	68	68	60	66	63	65	60	49	46	57	58	53	46	52	50	46	55	52	58	61	54	57	56	62	61	65	58				57.
	Minimum	24	26	27	29	22	39	44	40	29	18	26	33	39	22	20	36	42	34	30	24	28	40	44	41	37	26	29	38				31.7
Little Rock	Maximum	60	67	69	61	68	68	63	61	52	41	55	62	58	44	48	51	51	62	62	56	58	55	57	52	60	60	60	56				57.9
	Minimum	40	43	43	47	41	50	57	40	37	29	31	43	41	31	29	39	46	44	42	38	38	44	45	43	44	44	43	47				41.4
Lutherville	Maximum	64	70	67	65	67	62	65	59	51	47	55	53	52	48	47	54	49	60	62	57	56	53	55	54	62	60	63	57				57.0
	Minimum	36	40	41	42	35	47	56	43	35	24	28	37	40	24	25	36	42	37	36	33	35	41	45	43	41	39	40	43				38.0
Magnolia	Maximum	65	62	70	70	72	72	70	65	63	52	59	65	62	62	..	53	61	64	67	64	67	67	64	59	62	64	62	60				63.8
	Minimum	37	48	40	42	42	52	50	58	39	31	32	44	55	35	..	30	46	42	39	39	40	50	44	49	40	39	43	48				42
Malvern	Maximum	66	70	72	67	70	70	66	61	55	50	57	62	59	50	50	50	55	65	68	62	64	58	59	56	64	65	63	58				61.
	Minimum	32	45	35	37	31	43	57	47	37	27	25	36	46	31	24	39	47	38	36	34	33	45	42	45	38	39	37	47				38.
Mammoth Spring	Maximum	59	66	70	63	63	58	69	60	49	46	51	53	53	45	50	48	56	52	50	54	55	56	64	60	62	60	62	62				57.
	Minimum	25	32	30	36	23	45	47	39	30	21	24	41	44	25	19	37	41	37	31	26	29	40	37	42	37	30	29	31				3[illegible].
Marianna	Maximum	66	66	68	60	66	71	66	63	63	48	54	64	60	47	52	52	55	60	63	55	59	67	67	62	60	61	60	57				60.
	Minimum	33	33	33	41	28	47	52	39	39	28	24	40	45	31	24	24	49	44	35	38	30	38	38	43	43	40	40	47				37.
Marshall	Maximum	61	61	65	58	64	60	58	57	46	42	47	46	47	42	49	50	45	52	52	55	57	57	54	54	60	63	56	56				54.
	Minimum	28	31	31	30	32	50	55	40	31	20	32	37	40	22	23	36	40	34	33	25	35	38	43	40	37	29	39	41				34
Mena	Maximum	64	66	70	66	69	64	63	59	50	51	56	53	54	48	46	58	52	62	62	63	64	52	58	53	58	63	64	53				58.
	Minimum	35	40	38	40	36	51	57	44	36	27	31	43	42	28	26	38	37	34	41	34	36	43	43	45	38	39	47	45				39.
Mount Ida	Maximum	65	69	72	65	69	69	64	62	53	49	57	57	58	51	49	50	51	60	66	62	63	60	57	57	62	64	64	58				60.
	Minimum	26	36	28	31	25	52	58	46	31	20	24	34	44	26	19	37	45	32	32	24	26	45	47	47	32	28	28	44				34.
Newport	Maximum	60	65	71	68	64	67	66	60	50	47	51	60	59	44	50	49	53	53	50	54	57	61	64	59	61	59	61	53				57.
	Minimum	32	31	32	40	26	52	56	42	37	27	27	37	43	29	24	39	45	43	34	35	31	37	43	42	41	40	34	44				37.
Pine Bluff	Maximum	66	69	73	65	74	71	66	62	54	48	54	65	60	50	56	51	55	68	67	60	65	63	62	57	62	64	59	61				61.
	Minimum	36	45	36	42	34	47	60	45	40	30	25	42	45	32	26	40	49	42	47	37	35	45	45	45	41	38	40	49				40.
Pocahontas	Maximum	60	67	71	65	62	60	68	62	51	47	48	56	55	48	49	50	51	50	51	54	54	59	63	60	63	62	63	62				57.
	Minimum	31	30	30	38	25	42	50	42	33	22	23	35	45	25	20	38	45	40	30	32	29	37	43	42	39	37	33	40				34.
Portland	Maximum	62	61	67	64	71	67	74	68	65	49	58	65	63	57	55	57	59	65	68	61	65	71	67	64	60	62	59	57				63
	Minimum	35	41	37	37	35	48	58	57	41	30	23	41	53	35	27	47	41	47	37	39	33	41	47	48	40	39	42	50				41.
Prescott	Maximum	70	65	73	68	73	72	67	65	62	55	59	63	62	53	52	57	60	65	70	67	67	65	60	57	63	67	66	60				63.
	Minimum	36	41	36	41	36	48	57	45	37	29	28	45	50	32	27	40	47	39	39	36	35	49	50	47	39	40	40	42				40
Rison	Maximum	65	69	71	69	72	71	71	66	62	51	58	63	61	54	52	52	58	66	69	65	66	65	64	62	62	65	63	60				63.
	Minimum	38	46	40	42	37	50	58	55	38	29	26	45	51	32	26	39	48	41	37	35	35	46	45	45	38	39	43	47				41.
Searcy	Maximum	60	68	69	61	66	66	63	59	52	42	51	62	58	43	50	50	52	59	60	54	58	58	60	58	61	59	62	54				57.
	Minimum	34	32	34	41	28	45	49	43	37	27	25	34	41	28	24	39	45	40	35	33	32	40	47	42	41	38	34	45				36.
Stuttgart	Maximum	63	61	68	63	70	70	66	62	59	48	55	65	60	50	51	50	54	62	64	55	60	61	64	57	59	60	61	56				59.
	Minimum	40	36	43	35	50	58	56	39	29	28	41	50	31	26	40	47	44	38	35	33	40	41	45	42	39	42	45	42				40.
Texarkana	Maximum	68	67	70	75	74	69	64	65	60	53	54	54	63	53	50	56	63	66	69	65	68	60	58	58	64	62	63	60				62.
	Minimum	39	38	40	35	38	40	53	50	33	28	31	37	45	30	26	38	40	35	35	36	37	50	41	44	35	39	35	41				38.
Thornburg	Maximum	65	69	70	62	70	67	65	62	55	49	60	63	60	49	50	50	51	63	62	59	62	56	56	55	62	62	64	57				59.
	Minimum	25	28	28	33	27	44	52	42	37	24	25	45	40	26	18	37	43	33	30	23	29	42	41	42	39	27	29	43				34.
Warren	Maximum	64	63	67	64	70	70	72	67	64	51	55	63	62	60	54	52	56	61	65	64	63	65	65	62	60	64	58	56				62.
	Minimum	37	46	41	40	38	51	63	61	40	29	26	44	46	37	27	35	47	46	37	37	36	45	48	45	40	38	42	49				41
Wilson	Maximum	57	65	68	62	64	71	68	59	49	46	49	61	57	59	55	49	53	54	54	51	55	64	67	61	58	50	60	55				58
	Minimum	26	29	27	40	23	50	54	45	35	24	24	36	42	38	20	39	46	42	31	31	28	36	40	40	39	33	32	44				35.
Wynne	Maximum	67	65	69	67	68	70	65	60	50	45	51	62	58	55	51	49	52	57	57	53	55	65	64	63	63	61	59	60				59.
	Minimum	33	33	32	34	32	33	51	45	37	27	28	38	46	29	24	39	42	42	36	34	34	32	34	40	41	37	39	49				36

§§Thermometers are read in the morning: the maximmu temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark .3 23-31-980

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UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVI LITTLE ROCK, ARK., MARCH, 1931 No. 3

GENERAL SUMMARY

March 1931, with a mean temperature of 47.5° and a departure of 5.1°, is the coldest March since 1924 and the first month this year with the mean temperature below normal. The mean for March this year was 0.7° below that of the preceding month. Precipitation was 0.47 inch below normal, thus making the accumulated deficiency for the first three months of this year 2.10 inches.

Although, minimum temperatures during the month were not unusually low, the daily average exceeded the normal for only 8 days at both Fort Smith and Little Rock and for only 4 days at Memphis. Freezing temperatures overspread the State the first of the month with sleet and snow at many stations from the 2d to the 4th. The coldest weather occurred about the 10th in nearly all sections with a measurable amount of snow at many stations in the northern and northwestern portions of the State. Cold weather again overspread the State the latter part of the month bringing sub-freezing temperatures to western and central sections with Winslow in the Ozarks reporting a temperature of 20°. Monthly means ranged from 40.8° at Dutton to 52.8° at Junction near the southern border with all stations for which normals have been computed showing negative departures. The highest temperature recorded was 85° at Okay on the 13th; the lowest 16° at Dutton on the 10th. The greatest daily range was 46° at Thornburg the 10th.

Precipitation was frequent during the first seven days of the month with heavy rains at most stations either the 6th or 7th. Rain again was general from the 20th to the 22d, from the 26th to the 28th, and on the 31st with light scattered showers either the 14th or 15th. Eighteen stations reported a measurable amount of snow during the month, the average of which was 2.0 inches. The average precipitation for the State, as determined by the records of 94 stations, was 4.21 inches, which is a departure of 0.47 inch below normal. Of the 68 stations with records of 10 years or more, 48 showed negative departures, one exactly normal, and 19 positive. Monthly totals ranged from 2.73 inches at Portland in the southeastern part of the State to 6.83 inches at Wynne in the east-central portion. The greatest amount measured in any 24-hour period was 2.64 inches at Black Rock on the 7th.

The low temperatures during the month retarded the growth of all vegetation which had made rapid progress during February. From the 9th to the 19th the weather was favorable for outdoor pursuits but thereafter the soil was mostly too wet and the temperatures too low. Considerable corn and some cotton had been planted by the close of the month but the soil was so cold and wet that replanting will probably be necessary. Early strawberries were damaged somewhat in the western part of the State by the freezing temperatures the latter part of the month but there was only slight damage to other fruit crops.

T. A. M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs		1				1																									
Moderate Hail																										2					
Heavy Hail																															
Sleet		1	3	1			2													1	2				1	5					
Thunderstorms		1			1	20	6							4					1	6			6	1		19	12		2		

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.98	30.40	15	29.52	7	4,562	24	s	5	......	......	57
Fort Smith	30.00	30.43	15	29.68	7	7,376	34	w	7	77	56	48
Little Rock	30.00	30.39	15	29.59	7	7,670	38	w	7	70	51	61
Memphis	29.98	30.33	15	29.47	7	7,045	37	sw	7	73	56	53

COMPARATIVE DATA FOR MARCH

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**52.6**		**98**		**1**		**4.68**		**13**	**7**	**11**	**8**
1891	46.7	−5.9	79	20	10	4	5.10	+0.42	11	9	11	10
1892	47.9	−4.7	84	31	9	18	3.44	−1.24	14	8	9	7
1893	50.1	−2.5	82	22	5	4	3.55	−1.13	16	6	9	8
1894	54.6	+2.0	88	13	8	26	9.84	+5.16	14	7	10	9
1895	51.8	−0.8	91	28	10	4	5.39	+0.71	13	7	11	10
1896	48.7	−3.9	85	31	12	18	5.28	+0.60	10	7	14	8
1897	55.9	+3.3	88	21	13	14	9.76	+5.08	10	7	14	15
1898	54.5	+1.9	88	16	18	3	5.96	+1.28	10	9	12	9
1899	50.6	−2.0	87	22	1	6	2.97	−1.71	12	9	10	7
1900	51.2	−1.4	90	12	7	1	2.50	−2.18	15	7	9	7
1901	51.5	−1.1	86	2	4	6	4.67	−0.01	14	8	9	6
1902	52.6	0.0	89	26	14	18	5.34	+0.66	12	10	9	7
1903	54.8	+2.2	85	7	11	1	5.56	+0.88	10	9	12	8
1904	55.3	+2.7	90	21	12	4	5.64	+0.96	11	11	9	8
1905	57.1	+4.5	92	27	26	2	5.31	+0.63	10	10	11	9
1906	45.2	−7.4	88	26	10	20	5.69	+1.01	8	6	17	11
1907	61.9	+9.3	96	21	25	2	3.22	−1.46	14	8	9	6
1908	59.5	+6.9	93	16	21	10	3.79	−0.89	11	9	11	8
1909	52.7	+0.1	84	2	16	15	3.71	−0.97	13	8	10	8
1910	60.7	+8.1	92	23	22	2	1.39	−3.29	20	7	4	3
1911	56.6	+4.0	94	9	15	16	2.17	−2.51	16	9	6	6
1912	45.8	−6.8	86	19	10	1	7.86	+3.18	7	7	17	12
1913	49.7	−2.9	88	31	8	2	4.74	+0.06	14	9	8	7
1914	50.0	−2.6	86	30	4	20	5.13	+0.45	12	8	11	9
1915	42.5	−10.1	73	28	14	1	3.54	−1.14	9	7	15	7
1916	54.5	+1.9	91	21	11	3	1.93	−2.75	16	6	9	5
1917	53.0	+0.4	87	26	9	5	5.32	+0.64	14	5	12	11
1918	57.9	+5.3	96	5	16	14	1.31	−3.37	11	8	12	4
1919	53.2	+0.6	86	22	11	1	5.47	+0.79	17	5	9	6
1920	51.8	−0.8	88	27	2	7	5.31	+0.63	14	5	12	8
1921	60.8	+8.2	92	16	18	29	6.55	+1.87	11	8	12	9
1922	51.7	−0.9	83	28	7	3	8.58	+3.90	12	6	13	11
1923	49.6	−3.0	88	22	2	18	5.04	+0.36	15	5	11	8
1924	46.6	−6.0	84	29	5	10	3.27	−1.41	13	6	12	8
1925	55.9	+3.3	89	25	7	2	1.69	−2.99	18	6	7	4
1926	48.5	−4.1	86	24	11	8	5.57	+0.89	13	6	12	9
1927	53.5	+0.9	87	19	5	3	7.20	+2.52	12	7	12	12
1928	52.7	+0.1	92	29	20	2†	2.53	−2.15	14	7	10	6
1929	55.7	+3.1	98	24	19	1†	3.77	−0.91	12	7	12	10
1930	50.4	−2.2	83	20	15	2	2.21	−2.47	16	6	9	6
1931	47.5	−5.1	85	13	16	10	4.21	−0.47	13	5	13	8

Corrections: 1931

February, Fort Smith highest barometer should be 30.47 inches.

Climatological Data for March, 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	36	47.8	−6.3	73	19	26	10	38	3.99	−0.87	1.35	0.0	7	10	11	10	n.	J. W. Campbell
Arkadelphia	Clark	250	35	...	...	...	...	...	...	...	3.83	−0.97	1.40	0.0	11	16	2	13	n.	W. K. Bown
Arkansas City	Desha	145	47	...	...	...	...	...	...	...	3.55	−1.87	0.94	0.0	8	16	3	12	...	Herbert Neff
Arlberg	Stone	700	9	...	...	...	...	...	...	...	3.93	...	1.75	0.8	5	12	5	14	se.	J. D. Reeves
Batesville	Independence	277	32	43.9	−6.8	69	14	19	10	39	4.76	+0.57	1.93	1.0	11	13	2	16	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	46.8	−5.1	68	14	24	10	34	3.71	−0.97	1.20	T.	10	14	3	14	n.	J. E. Scanlan
Bentonville	Benton	1303	26	42.7	−5.6	66	13	23	28	31	3.14	−0.34	1.39	4.7	7	16	5	10	nw.	U. S. Weather Bureau
Big Lake Outlet.††	Mississippi	....	1	...	...	...	...	...	...	...	2.94	...	0.87	T.	5	10	4	17	...	Harry Johnson
Black Rock	Lawrence	259	29	...	...	...	...	...	...	...	5.80	+1.65	2.64	T.	10	12	1	18	...	Vernon C. Howe
Blytheville	Mississippi	252	6	50.3	...	73	14	31	4†	34	3.36	...	0.78	T.	10	12	3	16	ne.	Charles Phillips, Jr.
Booneville	Logan	465	17	47.8	−6.0	71	18	25	10	38	4.23	+0.91	1.29	T.	7	11	6	14	w.	F. H. Randolph
Brinkley	Monroe	205	44	48.1	−5.3	71	14	24	10	35	4.95	−0.69	1.57	T.	9	16	4	11	nw.	R. J. Torry
Calico Rock	Izard	361	27	43.3	−4.5	70	13	20	10	41	4.85	+1.46	2.17	T.	11	8	14	9	nw.	W.J. Copp
Camden	Ouachita	158	46	48.2	−7.0	75	19†	25	10	43	4.43	−0.64	1.05	0.0	10	14	3	14	nw.	A. B. Quarterman
Center Point	Howard	470	32	50.6	−5.7	74	11†	28	8†	37	3.48	−1.19	1.00	T.	10	11	10	10	nw.	John C. Floyd
Clarendon	Monroe	200	27	...	...	...	...	...	...	...	5.08	0.00	1.58	T	12	14	2	15	w.	J. W. Bishop
Clinton	Van Buren	516	10	...	...	...	...	...	...	...	3.86	...	1.73	0.0	8	14	6	11	nw.	A. L. Stephens
Conway	Faulkner	309	48	48.5	−4.4	72	14	25	10	35	3.62	−0.90	1.21	0.5	10	13	8	10	w.	E. E. Cordrey
Corning	Clay	293	38	44.6	−6.4	68	14	22	10	34	3.95	−0.65	1.95	T.	5	16	0	15	w.	Winfred D. Polk
Cotter	Baxter	408	4	...	...	...	...	...	...	...	4.51	...	1.78	0.5	8	12	3	16	ne.	O. B. McSpadden
Crosset	Ashley	175	16	49.9	−6.7	77	19†	26	10	44	2.99	−2.06	0.65	0.0	9	12	9	10	s.	G. A. Gifford
Danville	Yell	327	15	...	...	...	...	...	...	...	4.22	+0.44	1.32	0.0	5	13	1	17	e.	C. G. Hudson
Dardanelle	Yell	330	45	49.0	−3.8	73	18	26	10	37	4.85	+0.59	1.23	T.	9	11	5	15	nw.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	...	...	...	...	...	...	...	5.52	...	1.95	0.0	9	16	3	12	...	H. G. Pate
Dumas	Desha	162	25	49.6	−6.4	74	23	28	10	37	4.53	−1.33	1.75	0.0	6	12	8	11	n.	Ben Johnson
Dutton	Madison	1590	28	40.8	−6.5	67	19	16	10	41	4.13	+0.09	1.41	0.0	6	11	11	9	n.	J. M Ricketts
El Dorado	Union	270	30	51.6	−4.9	77	19†	28	10	35	3.25	−1.80	0.70	0.0	[illegible]	9	7	15	nw.	J. L. Babb
England	Lonoke	229	24	48.7^{f}	−5.9	71^{f}	23	27^{i}	10	38^{f}	4.55	−0.28	...	T.	..	9^{f}	4^{f}	12^{f}	...	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	44.4	−5.9	69	6	23	9	34	2.98	−0.76	1.03	2.5	6	11	7	13	n.	Geo. W. Nichoalds
Fayetteville^{a}	Washington	1451	44	43.8	−5.7	67	19	22	28	32	2.98	−0.63	0.98	2.5	7	9	11	11	nw.	University of Arkansas
Fort Smith	Sebastian	457	50	47.2	−5.4	69	12	25	28	33	2.78	−0.23	0.96	T	9	8	9	14	e.	U. S. Weather Bureau
Freeman Springs††	Pope	2240	7	...	...	...	...	...	...	...	3.82	...	1.19	3.3	8	14	5	12	n.	R. J. Mc Cuiston
Fulton	Hempstead	260	45	...	...	...	...	...	...	...	4.81	+0.33	1.80	0.0	6	18	3	15	...	T. J. Logan
Georgetown	White	200	19	...	...	...	...	...	...	...	3.98	−1.05	1.06	0.5	10	13	4	14	...	W. R. Owens
Gilbert	Searcy	675	8	...	...	...	...	...	...	...	4.69	...	1.81	T.	11	11	12	8	...	Ben F. Battenfield
Grannis	Polk	900	12	46.4	−5.3	74	18	20	10	44	4.86	+0.62	1.28	T.	11	12	7	12	e.	W. E. McVay
Gravette	Benton	1250	34	42.9	−6.3	66	13	21	28	31	2.82	−0.68	0.76	5.5	8	9	11	11	nw.	A. F. Stevens
Harrison	Boone	1052	30	46.1	−2.7	71	13	25	2	35	3.83	+0.69	1.61	T.	3	17	2	12	nw.	Dan Robertson
Helena	Phillips	250	59	48.2	−5.5	69	13†	25	10	33	5.18	−0.99	1.30	T.	13	10	7	14	nw.	James A. Burnett
Higden	Cleburne	445	13	...	...	...	...	...	...	...	3.86	−1.17	1.62	1.5	10	13	6	12	w	Geo. W. Baker
Highland	Pike	....	2	49.6	...	73	11	28	29	36	3.97	...	1.03	0.0	8	12	8	11	w	Tom W. Stewart
Hope	Hempstead	377	60	50.4	−5.0	79	19	26	10	41	4.05	−1.05	1.09	0.0	8	16	4	11	nw.	N. P. O'Neal
Hot Springs	Garland	600	40	49.0	−4.5	68	14†	29	10	30	4.88	−0.05	1.62	0.0	6	12	9	10	...	G. C. Bolton
Index‡‡	Little River	275	6	...	...	...	...	...	...	...	3.68	...	1.40	0.0	9	13	1	17	...	H. G. Sanderson
Jessieville	Garland	750	5	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	U. S. Forest Service
Jonesboro	Craighead	345	36	47.4	−5.0	69	13†	28	10†	32	4.39	−0.28	1.17	T.	9	15	5	11	ne.	Benedictine Sisters
Junction††	Union	182	37	52.8	−4.1	70	17	29	29	34	2.97	−2.22	0.86	0.0	5	14	8	9	n.	J. A. Lowderback
Lead Hill	Boone	650	4	44.2	...	71	13	19	10	44	4.09	...	1.26	T.	13	14	4	13	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	48.2	−4.8	70	23	31	29	29	4.47	−0.15	1.53	T.	9	7	13	11	n.	U. S. Weather Bureau
Lurton	Newton	2100	6	41.2	...	65	19	22	9	29	4.28	...	1.65	3.3	9	12	5	14	n.	I. C. Sutton
Lutherville‡‡	Johnson	775	33	46.9	−5.0	69	14†	25	10	35	2.78	−1.09	0.77	T.	8	11	5	15	n.	H. G. Lenhardt
Madison	St. Francis	....	1	...	...	..	..	..	..	..	4.68	...	1.54	0.0	10	13	2	16	...	William G. Hager
Magnolia	Columbia	315	12	52.0	−4.3	77	19	29	10	34	3.85	−1.03	1.37	T.	7	11	6	14	s.	State Agri. School
Malvern	Hot Springs	277	44	49.6	−4.4	73	14	24	10	43	3.97	−1.04	1.18	0.0	9	12	10	9	n.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	26	45.4	−4.6	68	13	22	10	33	4.51	+1.38	2.10	T.	7	15	6	10	nw.	S. F. Whittaker
Marianna	Lee	235	19	49.2	−4.8	70	14†	27	10	35	4.38	−0.65	1.54	T.	9	12	8	11	n.	C. N. Houck
Marked Tree	Poinsett	229	26	45.0	−6.1	69	14	24	10	37	4.94	+0.05	1.32	T.	11	7	14	10	se.	Charles Walton
Marshall	Searcy	1070	17	44.4	−7.4	66	13	22	10	32	3.24	−0.73	0.85	T.	9	13	4	14	...	A. J. Parks
Mena	Polk	1185	43	47.3	−5.1	72	19	25	10†	35	4.35	−0.22	1.42	0.0	8	12	7	12	sw.	E. W. St. John
Morrillton	Conway	347	10	46.4	...	70	14†	28	10	37	4.10	...	1.38	T.	6	12	4	15	nw.	John Cook
Mountain Home	Baxter	800	17	44.8	−5.5	70	13	22	10	36	5.15	+1.49	1.50	1.0	10	13	2	16	ne.	B. S. Balbert
Mount Ida	Montgomery	650	32	46.3	−6.4	73	18	17	10	45	5.31	+0.90	1.28	0.0	7	15	4	12	nw.	G. A. Whittington
Newport	Jackson	231	47	47.4	−4.8	68	14	26	10	30	4.63	−0.12	1.31	1.0	10	15	2	14	s.	J. D. Henderson
Norman	Montgomery	750	4	...	...	...	...	...	...	...	5.14	...	2.12	T.	5	15	7	9	...	U. S. Forest Service
Oden	Montgomery	800	5	...	...	...	...	...	...	...	4.27	...	1.60	0.0	4	8	11	12	...	U. S. Forest Service
Okay	Howard	288	2	50.6	...	85	13	24	10	42	5.16	...	1.00	0.0	9	12	5	14	s.	Frank K. Hensley
Osceola	Mississippi	240	33	47.9^{a}	−3.8	78^{a}	14	25^{a}	10	33^{a}	5.01	−0.05	1.87	T.	9	11	10	10	n.	June Thomason
Ozark	Franklin	396	35	46.0	−7.3	71	14	25	10	42	3.62	−0.26	0.93	0.0	10	16	2	13	e.	Orkney O. Milton
Paragould	Green	301	5	...	...	...	...	...	...	...	4.16	...	1.50	T	5	20	1	10	w	W. R. Heagler
Parkin	Cross	....	1	...	...	...	...	...	...	...	5.27	...	1.20	T.	10	11	0	20	...	P. D. Roberts
Patterson	Woodruff	196	15	...	...	...	...	...	...	...	5.13	−0.35	1.66	0.0	8	16	0	15	nw.	W. E. Baker
Piggott	Clay	307	7	...	...	...	...	...	..	...	3.69	...	1.08	0.2	9	12	5	14	ne.	V. C. Wright
Pine Bluff	Jefferson	215	44	50.0	−4.8	75	23	26	10	38	4.33	−0.98	1.43	T.	10	14	9	8	nw.	Miss Theresa Scheu
Pocahontas	Randolph	360	38	46.2	−5.1	68	13	24	10	34	5.18	+0.68	2.00	T.	8	12	8	11	n.	Benedictine Sisters
Portland	Ashley	122	25	51.5	−5.7	74	18	28	10	37	2.73	−2.46	1.17	0.0	8	13	6	12	n.	W. E. Edmiston
Prescott	Nevada	329	43	51.2	−4.1	75	19†	26	10	37	3.56	−0.93	1.01	0.0	8	14	0	17	e.	Craig Williams
Princeton	Dallas	287	25	...	...	...	...	...	...	...	4.47	−0.54	1.25	0.0	6	19	0	12	...	Mrs. Dora Coleman
Rison	Cleveland	243	30	51.2	−4.1	74	23	27	10	36	4.07	−1.01	1.17	0.0	7	17	4	10	nw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	44.0	−5.0	70	19	22	10†	39	2.97	−0.41	0.85	2.5	6	11	7	13	nw.	Carl A. Starck
Saint Charles	Arkansas	175	2	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	Ballard Deane
Saint Francis	Clay	290	3	...	...	...	...	...	...	...	4.31	...	1.24	0.0	7	10	8	13	...	S. T. Rooney
Searcy	White	236	22	47.0	−5.4	70	14	24	10	33	4.88	+0.60	1.10	1.5	11	15	6	10	nw.	Arthur D. Smith
Springbank‡‡	Miller	219	21	...	...	...	...	...	...	...	3.94	−0.69	1.26	0.0	9	12	4	15	...	Miss Grace Field
Story	Montgomery	790	7	...	...	...	...	...	...	...	4.61	...	1.33	0.0	7	13	6	12	n.	S. C. Story
Stuttgart	Arkansas	228	44	49.2	−4.6	71	23	28	9	33	4.71	−0.75	1.53	T.	10	13	4	14	nw.	Adam F. Buerkle
Subiaco	Logan	1050	31	47.8	−5.5	71	11	26	10	37	3.66	−0.12	0.90	T.	8	13	7	11	s.	New Subiaco Abbey
Texarkana	Miller	332	45	49.0	−7.4	78	23	25	29	37	4.73	+0.61	1.53	0.0	4	12	6	13	n.	H. S. Brashear
Thornburg	Perry	650	7	47.2	...	73	14	17	10	46	4.94	...	1.21	T.	10	12	7	12	s.	Edward E. Holmes
Waldron	Scott	675	12	...	...	...	...	...	...	...	4.19	+0.46	1.00	T.	5	8	5	18	nw.	Dr. Cheves Bevill
Warren	Bradley	206	37	50.6	−5.3	74	23	28	10	36	5.05	−0.37	1.40	T.	9	14	12	5	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	...	...	...	...	...	...	...	4.48	...	1.85	0.0	5	17	3	11	nw.	J. R. Huddleston
Whitecliffs	Little River	290	27	...	...	...	...	...	...	...	4.13	−0.10	1.16	0.0	9	13	4	14	se.	Nannie O. Schirmer
Wilson	Mississippi	237	6	46.2	...	70	13	23	16	39	3.65	...	1.10	0.0	5	19	2	10	sw.	M. W. H. Collins
Winslow	Washington	1734	16	42.0	−3.8	69	14	20	27	35	3.84	−1.04	1.00	3.8	8	11	6	14	s.	J. D. Black
Wynne	Cross	250	23	46.0	−6.0	66	13†	25	10	31	6.83	+1.65	1.31	T.	10	15	7	9	n.	R. T. Cobbs
Yancopin	Desha	167	7	...	...	...	...	...	...	...	3.83	...	1.50	T.	11	15	1	15	..	W. E. Barton
State Means				47.5	−5.1	85	13	16	10	46	4.21	−0.47	2.64	2.0	8	13	5	3	nw.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. * Measured 8th: probably fell 6th and 7th.

Daily Precipitation for March, 1931

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.05	.12	...	...	...	...	1.35	...	...	...	...	...	...	.17	.10	...	...	...	...	...	1.00	...	...	...	...	...	1.20	...	...	...	...	3.99
Arkadelphia	Ouachita	.04	.07	...	...	...	...	1.40	...	...	...	...	...	...	.06	.04	...	...	...	...	...	56	.03	...	.03	...	...	1.36	.02	...	...	.22	3.83
Arkansas City	Mississippi	.19	T.	T.	T.	...	...	.94	...	...	...	...	...	...	...	...	...	...	...	...	...	.71	.21	...	.12	...	...	.80	.22	...	...	.36	3.55
Arlberg	White	...	...	...	.10	...	1.75	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	1.21	...	...	...	...	.73	...	...	...	...	.14	3.93
Batesville	White	.07	...	.16	.04	...	...	1.93	T.	...	...	...	...	...	...	...	...	...	.02	.27	...	.71	.36	...	...	...	...	.73	.35	...	...	.12	4.76
Bee Branch	Arkansas	...	...	.04	...	...	T.	1.20	...	...	...	...	...	...	.02	...	...	...	.05	...	.20	.85	.12	...	...	...	.55	.46	...	...	...	.22	3.71
Bentonville***	Arkansas	T	...	T	...	.01	1 08	.31	T.	...	...	...	...	...	...	...	...	...	T	T.	.61	.18	...	...	...	...	.53	.42	T.	...	T.	T.	3.14
Big Lake Outlet	St. Francis	.51	T.	T	T.	...	...	.87	T.	...	...	...	...	...	...	...	...	...	...	...	...	.58	.35	...	...	...	...	...	.63	...	...	T.	2.94
Black Rock	White	.21	T.	T.	.07	...	...	2.64	.06	...	...	...	...	...	...	...	...	...	...	.21	...	1.02	.65	...	...	...	...	.60	.30	...	...	.04	5 80
Blytheville	Mississippi	.60	.02	.	T.	...	...	.78	.02	...	...	...	...	...	...	...	...	...	...	...	...	.40	.24	...	.62	...	...	.70	.55	...	...	.03	3.36
Booneville	Arkansas	.12	...	...	...	...	1.29	T.	...	...	...	...	...	...	.65	...	...	...	...	...	.63	.33	...	...	...	...	.66	.55	...	...	...	T.	4.23
Brinkley	White	T.	...	.19	T.	...	...	1.57	T.	...	...	...	...	...	.16	T.	...	...	...	...	...	.75	.39	...	.04	...	...	.55	.70	...	...	.30	4.95
Calico Rock	White	.08	...	.02	T.	...	.10	2 17	.04	...	...	...	...	...	...	...	...	...	.20	...	T.	.91	.44	...	...	...	...	.64	.10	...	...	.15	4.85
Camden	Ouachita	.11	.54	.17	...	...	...	.65	...	...	...	...	...	...	...	.03	...	...	...	...	...	.90	.05	...	...	...	...	1.05	.05	...	...	.85	4.43
Center Point	Red	.01	.17	...	...	...	.40	1.00	...	...	...	...	...	...	.01	...	...	...	...	...	.72	.08	...	...	...	...	.65	.33	...	...	...	.06	3.48
Clarendon	White	.10	T.	T.	.02	...	...	1.58	...	...	...	...	...	...	.10	.10	...	...	...	...	...	1.00	.25	.01	.14	...	...	.85	.65	...	...	.28	5.08
Clinton	White	...	...	.03	...	.	1.73	.01	...	...	...	...	...	...	...	...	...	...	...	...	.36	.64	...	...	...	...	.95	.08	...	...	...	.06	3.86
Conway	Arkansas	...	...	.05	...	...	.16	1.21	...	...	...	...	...	...	.43	...	...	...	...	...	.28	.41	...	...	...	...	.42	.48	...	...	.12	.06	3.62
Corning	White	...	...	...	T.	...	...	1.95	.07	...	...	...	...	...	...	...	...	...	...	...	...	.75	.45	...	...	...	...	.73	...	...	...	...	3.95
Cotter	White	...	...	.06	...	...	T.	1.78	...	...	...	...	...	...	...	...	...	...	05	...	T	1.16	.49	...	...	...	...	.63	25	...	...	.09	4.51
Crossett	Ouachita	...	.05	06	...	...	...	.55	...	...	...	...	...	...	...	...	...	...	...	...	...	.50	.08	...	.65	...	...	.56	.09	...	...	.45	2.99
Danville	Arkansas	...	...	...	...	...	T	1.32	...	...	...	...	...	...	.59	...	...	...	...	...	...	1.03	...	...	...	...	...	1.01	...	...	...	.27	4.22
Dardanelle	Arkansas	.21	...	...	...	...	T.	1.23	T.	...	...	...	...	...	1.11	...	...	...	...	...	.04	.75	.25	...	...	...	...	1.02	.21	...	...	.03	4.85
De Valls Bluff	White	...	11	.02	...	...	...	1.95	...	...	...	...	...	...	.20	...	...	...	...	...	...	1.08	.35	...	...	...	...	1.11	43	...	...	.27	5.52
Dumas	Mississippi	...	...	T	...	...	...	1.75	...	...	...	...	...	...	...	T.	...	...	...	...	...	.45	.23	...	.35	...	...	1.20	...	...	...	.50	4.53
Dutton	White	...	...	T.	...	...	1.41	.17	T.	...	...	...	...	T.	...	...	...	...	T.	...	.47	.56	...	...	...	...	1.01	.51	...	...	T.	T.	4.13
El Dorado	Ouachita	...	.10	.15	...	...	...	.60	...	...	...	...	...	...	...	T.	...	...	...	...	...	.70	.01	...	.51	...	...	.70	.08	...	...	.40	3.25
England	Arkansas	T.	08	...	...	...	*	*	1.60	...	...	...	...	...	.19	...	...	...	...	...	.60	.59	.12	...	...	...	.47	.50	...	...	...	.40	4.55
Eureka Springs	White	...	T	...	...	...	1.03	.20	...	...	...	...	...	...	...	...	...	...	...	...	...	.56	...	...	...	...	.56	.53	...	...	...	.10	2.98
Fayetteville	White	.01	...	...	...	...	.98	.14	T.	T.	...	...	...	...	...	...	...	...	T.	...	.48	.39	...	...	...	...	.47	.51	T.	...	T	T.	2.98
Fort Smith***	Arkansas	...	...	T.	...	.05	.81	.01	T.	...	...	...	...	.08	.12	...	...	...	...	T.	.69	.05	...	...	...	...	.52	.45	...	...	...	T.	2.78
Freeman Sprgs.	Arkansas	...	...	T.	...	...	.07	1.19	T.	...	...	...	...	...	...	...	...	...	.05	...	.09	1.05	.22	...	...	...	...	.73	.42	...	...	T.	3.82
Fulton	Red	...	.68	...	...	...	...	1.19	...	...	...	...	...	...	...	...	...	...	...	...	T.	.95	...	...	...	...	...	1.80	.10	...	...	.09	4.81
Georgetown	White	.22	...	.03	.01	...	...	1.06	...	...	...	...	...	...	.10	...	...	...	...	...	...	.86	.26	...	...	...	...	1.03	.18	...	...	.20	3.98
Gilbert	White	.06	...	.01	.02		.44	1.81	...	...	...	...	...	...	...	...	...	...	.12	...	...	.80	.33	...	...	...	...	T.	.52	.41	...	.14	4.69
Grannis	Red	04	.16	T.	...	...	.60	.35	T.	...	...	...	...	.03	.46	...	...	...	...	...	1 02	.15	...	...	...	...	1.28	.68	...	...	T.	.09	4.86
Gravette	Arkansas	...	.07	...	...	...	.76	.45	.03	...	...	...	...	...	...	...	...	...	...	...	.28	.30	...	...	...	...	.52	.41	...	...	...	T.	2.82
Harrison	White	...	...	...	...	...	T	1.64	T.	...	...	...	...	...	...	...	...	...	...	...	T.	1.14	...	...	...	...	1.05	T.	...	...	T.	...	3 83
Helena	Mississippi	.66	.12	.02	.06	...	...	1 30	T.	...	...	...	...	...	...	.34	...	...	...	.02	...	.48	.66	...	.16	...	...	.92	.32	...	...	.12	5.18
Higden	White	.02	...	.10	...	...	.10	1.62	...	...	...	...	...	...	...	...	...	...	.11	...	.07	.74	.13	...	...	...	.56	.41	...	...	...	...	3.86
Highland	Ouachita	.06	.35	...	...	...	.07	1.03	...	...	...	...	...	...	...	...	...	...	...	...	.83	.27	...	...	...	...	1.02	.34	...	...	...	...	3.97
Hope	Red	...	.55	...	...	...	...	.78	...	...	...	...	...	...	...	...	.06	...	...	...	1.00	.20	...	...	...	...	.82	.42	...	...	...	.22	4.05
Hot Springs	Ouachita	...	...	...	...	...	1.62	...	...	...	...	...	...	...	.15	...	...	...	...	...	1.22	...	...	...	...	...	1.35	.26	...	...	...	.28	4.88
Index	Red	...	.34	.03	...	...	...	.82	...	...	...	...	...	...	...	...	...	...	...	...	.18	.70	.05	...	...	...	...	1.40	.06	...	...	.10	3.68
Jessieville	Ouachita	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonesboro	White	...	.43	...	.03	.	...	1.17	T.	...	...	...	...	...	...	...	...	...	...	.13	...	.61	.75	...	...	...	...	.89	.28	...	...	.10	4.39
Junction	Ouachita	...	75	...	...	...	...	...	...	...	...	...	...	...	T.	T.	...	...	...	.86	...	...	...	...	.43	...	...	.70	...	...	...	.23	2.97
Lead Hill	White	.01	.01	.01	...	...	1.26	.40	.01	...	...	...	...	...	...	...	...	...	.02	...	.25	.68	.05	T.	...	...	.85	.44	...	...	...	.10	4.09
Little Rock***	Arkansas	T.	T.	T.	...	...	1.27	.07	...	...	...	...	...	...	.10	...	...	...	T.	...	1.02	.21	.01	T.	...	...	.99	.55	...	...	...	.25	4.47
Lurton	White	...	...	.03	...	...	1.65	.12	T.	...	...	...	...	...	...	...	...	...	.06	...	.49	.50	...	...	...	...	.77	.41	...	...	...	.20	4.23
Lutherville	Arkansas	...	...	T.	...	...	.45	.47	...	...	...	...	...	...	.10	...	...	...	.03	...	.10	.46	...	...	...	...	.77	.40	...	...	...	T.	2.78
Madison	St. Francis	.39	.02	...	...	...	...	1.54	...	...	...	...	...	...	.03	.09	...	...	...	...	...	.40	.42	...	...	...	...	.92	.71	...	...	.16	4.68
Magnolia	Red	...	1.37	...	...	...	...	.53	...	...	...	...	...	...	...	...	...	...	...	...	.95	.07	...	...	.20	...	.63	.10	...	...	...	...	3.85
Malvern	Ouachita	.08	.05	...	...	...	...	1.18	...	...	...	...	...	...	...	.08	...	...	...	...	...	1.01	.05	...	...	...	...	1.05	.22	...	...	.25	3.97
Mammoth Spg.	White	T.	T.	...	T.	...	...	2.10	T.	...	...	...	...	...	...	...	...	...	...	.27	...	.50	.45	...	...	...	...	.77	.22	...	...	.20	4.51
Marianna	Mississippi	...	.03	.04	...	...	...	1.54	...	...	...	...	...	...	...	...	...	...	...	...	...	.80	.12	...	.24	...	.54	.77	...	...	...	.30	4.38
Marked Tree	Mississippi	.41	...	T.	.15	...	...	1.32	.02	...	...	...	...	...	.12	...	...	...	...	.11	...	.49	.62	...	...	...	...	.85	.82	...	...	.03	4.94
Marshall	White	...	...	.05	...	...	.85	T.	...	...	...	...	...	...	...	...	...	...	.15	...	.15	.71	.07	...	...	...	.65	.45	...	...	...	.16	3.24
Mena	Ouachita	.02	...	...	...	...	.50	.98	...	...	...	...	...	...	.24	T.	...	...	...	...	.03	.97	T.	...	...	...	...	1.42	.19	...	...	...	4.35
Morrilton	Arkansas	.20	...	T.	...	...	...	1.38	...	...	...	...	...	...	.64	...	...	...	...	...	...	.85	T.	...	...	...	...	.88	.15	...	...	T.	4.10
Mountain Home	White	T.	...	.07	...	...	1.20	.15	...	...	...	...	...	...	...	...	...	...	.73	...	.20	1.50	.20	T.	...	...	.65	.25	...	...	...	.20	5.15
Mount Ida	Ouachita	...	...	...	...	...	1.10	1.15	...	...	...	...	...	...	...	...	...	...	...	...	1.28	.11	...	...	...	...	1.26	.35	...	...	...	.06	5.31
Newport	White	.26	...	T.	.09	...	...	1.31	T.	...	...	...	...	...	.03	...	...	...	...	.32	...	.60	.66	...	...	...	...	.87	.87	...	...	.12	4.63
Norman	Ouachita	...	.10	...	...	...	...	2.12	...	...	...	...	...	...	.10	...	...	...	...	...	...	1.32	...	...	...	...	...	1.50	...	...	...	T.	5.14
Oden	Ouachita	...	...	...	...	...	1.60	...	...	...	...	...	...	.27	T.	...	...	...	...	...	...	1.10	...	...	...	...	1.30	T.	...	...	...	T.	4.27
Okay	Red	...	.49	...	...	...	.06	1.00	...	...	...	...	...	...	.08	...	...	...	...	...	.95	.11	...	...	...	...	.88	.68	...	...	T.	.91	5.16
Osceola	Mississippi	...	.46	...	T	...	...	...	.85	...	...	...	...	...	...	T.	...	...	...	.16	...	T.	.49	.32	.14	...	...	.65	1.87	...	...	07	5.01
Ozark	Arkansas	.03	...	...	...	...	.13	.98	.05	...	...	...	...	...	.19	...	...	...	T.	...	.15	.80	.06	...	...	...	...	.80	.48	...	...	T.	3.62
Paragould	Mississippi	...	...	...	...	...	...	1.50	...	...	...	...	...	...	...	...	...	...	...	...	T.	1.05	...	...	...	...	...	.71	.66	...	...	.24	4.16
Parkin	St. Francis	.23	T.	T.	.11	...	...	1.20	...	...	...	...	...	...	.32	T.	...	...	...	.05	...	.50	.88	...	...	...	...	.94	.93	...	...	.11	5.27
Patterson	White	.26	...	...	...	...	...	1.66	...	...	...	...	...	...	.42	...	...	...	...	...	...	.48	.44	...	...	...	...	1.12	.27	...	...	.48	5.13
Piggott	Mississippi	.03	...	...	...	...	.20	1.05	...	...	...	...	...	...	...	...	...	...	.08	...	...	.65	.16	...	...	...	.38	1.08	...	...	...	.12	3.69
Pine Bluff	Arkansas	...	.17	T.	T.	...	...	1.48	T.	...	...	...	...	...	.09	.01	...	...	...	...	...	.83	.14	...	.17	...	...	.84	.27	...	...	.38	4.33
Pocahontas	White	.03	.02	.07	...	...	...	2.00	...	...	...	...	...	...	...	...	...	...	...	...	...	1.75	...	...	...	...	.25	.90	...	...	...	.16	5.18
Portland	Ouachita	...	.13	...	...	...	...	.87	...	...	...	...	...	...	...	...	...	...	...	...	...	.52	.11	...	.02	...	...	.87	.80	...	...	.41	2.73
Prescott	Ouachita	.02	.29	.03	...	...	...	1.01	...	...	...	...	...	...	...	...	...	...	...	...	...	.96	.02	...	...	...	...	.98	...	...	...	.25	3.56
Princeton	Ouachita	...	...	...	...	...	...	1.25	...	...	...	...	...	...	...	...	...	...	...	...	...	1.02	.15	...	...	...	...	1.25	.35	...	...	.45	4.47
Rison	Ouachita	...	.11	...	...	...	...	1.17	...	...	...	...	...	...	.07	...	...	...	...	...	...	.90	...	...	.36	...	...	.90	...	...	...	.56	4.07
Rogers	White	...	...	...	...	...	.85	.28	T.	...	...	...	...	...	...	...	...	...	...	...	.49	.42	...	...	...	...	.47	.46	...	...	...	...	2.97
St. Charles	White	...	.05	...	...	...	2.07																										
St. Francis	St. Francis	.48	T	...	...	...	...	1.24	.24	...	...	...	...	...	...	...	...	...	...	...	...	.34	.59	...	...	...	...	.98	.44	...	...	T.	4.31
Searcy	White	.28	...	.06	.06	...	...	1.10	...	...	...	...	...	...	.96	...	...	...	.09	T.	...	.67	.24	...	...	...	...	.87	.36	...	...	.19	4.88
Springbank	Red	.05	1.26	.18	...	...	...	82	...	...	...	...	...	...	...	...	...	...	...	...	T.	.60	.02	...	T.	...	...	.70	.04	...	...	.27	3.94
Story	Ouachita	...	...	...	...	...	...	1.26	...	...	...	...	...	.34	.11	...	...	...	...	...	...	.97	.23	...	...	...	...	1.33	.87	...	...	...	4.61
Stuttgart	Arkansas	.11	.08	...	T.	...	...	1.53	...	...	...	...	...	...	.15	...	...	...	...	...	...	.85	.33	...	.19	...	...	.71	.48	...	...	.33	4.71
Subiaco	Arkansas	T.	...	...	...	...	.90	.17	...	T	...	...	...	...	.28	...	...	...	...	...	.39	.70	...	...	...	...	.66	.48	...	...	...	.08	3.66
Texarkana	Red	...	1.38	...	...	...	...	1.02	...	...	...	...	...	...	...	...	...	...	...	...	...	.80	...	...	...	...	...	1.53	...	...	...	...	4.73
Thornburg	Arkansas	01	...	T.	...	...	.15	1.19	T.	...	...	...	...	...	.32	...	...	...	...	...	.96	.49	.02	...	...	...	1.21	.34	...	...	...	.25	4.94
Waldron	Arkansas	T.	...	T.	...	...	1.00	T.	T.	...	...	...	...	...	.61	...	...	...	...	...	.86	...	...	...	...	...	.78	.94	...	...	...	...	4.19
Warren	Ouachita	T.	.15	...	T.	...	...	1.40	...	...	...	...	...	...	...	.10	...	...	...	...	...	.80	.10	...	.20	...	...	1.15	.15	T.	...	1.00	5.05
Waters	Ouachita	...	...	...	...	...	...	1.85	...	...	...	...	...	...	.22	...	...	...	...	...	.86	...	...	...	...	...	1.46	...	...	...	...	.09	4.48
Whitecliffs	Red	T.	.53	T.	T.	...	...	1.10	...	...	...	...	...	...	...	.08	...	...	...	...	.09	.86	.07	...	...	...	...	1.16	.17	...	...	.07	4.13
Wilson	Mississippi	...	...	...	...	...	...	1.10	...	...	...	...	...	...	...	...	...	...	...	...	...	.90	.05	...	...	...	.50	1.10	...	...	...	...	3.65
Winslow	Arkansas	...	T.	T.	...	...	1.00	.24	.05	...	...	...	...	...	...	...	...	...	...	.78	.37	T.	...	...	...	.75	.64	T.	T.	...	...	.01	3.84
Wynne	Mississippi	.53	...	...	.27	...	.72	.61	T.	...	...	...	...	...	...	.32	...	...	...	...	...	.63	1.20	...	...	...	...	1.31	.92	...	...	.32	6.83
Yancopin	Arkansas	.03	.08	...	.03	...	...	1.50	...	...	...	...	...	...	...	.03	...	...	...	T.	...	.54	.22	...	.25	...	...	.64	.15	...	...	.36	3.83

Daily River Stages for March, 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.8	7.1	6.7	6.4	6.0	5.6	6.0	7.6	7.8	6.9	6.0	5.7	5.4	5.4	6.1	7.0	7.0	5.9	5.2	4.9	5.6	8.0	9.4	8.0	7.4	6.4	6.1	7.9	10.4	11.5	11.5
Ozark	do	22	5.1	4.8	4.2	3.7	3.4	3.0	3.0	4.5	5.0	5.0	4.1	3.6	3.1	2.5	2.5	3.0	3.9	3.7	3.5	3.3	2.8	3.6	6.0	5.8	4.9	4.2	3.8	5.0	6.6	7.9	8.5
Dardanelle	do	20	8.7	7.8	7.2	6.8	6.5	6.7	6.8	7.5	7.7	7.8	7.5	6.8	6.4	6.2	6.0	6.1	6.5	6.7	6.4	5.8	5.6	6.1	6.7	8.7	8.0	7.3	7.1	7 4	8.3	9.6	10.6
Little Rock	do	23	8.1	6.9	5.8	4.9	4.2	3.6	3.5	4.6	6.3	6.6	6.4	5.8	4.8	8.9	3.4	3.2	2.8	3.1	3.3	3.3	2.8	2.8	3.5	4.1	5.6	5.8	5.1	5.3	5.8	6.6	7.6
Pine Bluff	do	25	13.3	12.3	11.4	10.5	9.5	9.1	8.8	8.8	10.2	11.2	11.3	11.1	10.7	10.1	9.7	9.3	8.3	8.9	8.3	8.3	8.3	7.9	7.9	7.9	9.3	10.7	10.6	10.1	10.4	10.8	11.7
Yancopin	do	29	18.6	18.6	17.9	17.2	16.5	15.9	15.5	15.0	15.0	15.8	16.7	17.0	16.9	16.4	15.8	15.2	14.7	14.3	13.9	13.6	13.6	13.5	13 1	12.9	13.2	13.8	15.2	15.5	15.1	15.3	15.9
Danville	Petit Jean	20	9.3	8.6	8.1	6.3	5.4	4.8	10.8	14.7	16.9	12.4	9.5	7.9	6.9	6.7	8.2	9.8	7.9	6.8	5.9	5.2	7.6	9.8	11.9	9.7	8.6	7.9	9.9	16.8	19.1	18.0	14.2

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	5.7	5.4	5.1	5.0	4.8	4.7	6.8	7.0	7.5	7.8	7.8	7.0	6.7	6.5	5.8	5.6	5.3	5.0	4.8	4.6	4.9	5.0	5.1	5.1	5.7	5.6	5.6	5.6	8.0	8.1	8.7
Calico Rock	do	18	4.7	4.4	4.0	3.8	3.6	3.4	8.5	10.5	8.7	8.0	7.7	6.9	6.2	5.7	5.2	4.7	4.4	4.1	3.8	3.6	3.6	4.9	5.1	5.1	5.1	4.8	4.9	6.6	8.1	7.8	8.0
Batesville	do	23	10.8	10.4	10.0	9.6	9.3	9.0	12.6	18.6	16.7	15.1	14.7	13.8	12.8	12.0	11.4	10.8	10.4	10.0	9.6	9.3	9.3	10.7	11.4	11.4	11.2	10.9	11.3	11.9	14.0	14.7	14.3
Newport	do	26	11.3	11.0	10.1	9.2	8.5	7.9	8.0	16.3	19.0	19.4	19.3	19.0	18.5	17.8	16.9	15.9	14.8	13.7	12.8	11.9	11.1	11.2	12.8	13.6	13.7	13.4	13.1	13.8	15.1	16.3	15.7
Georgetown	do	22	19.5	18.9	18.2	17.4	16.4	15.5	14.8	15.5	18.2	18.7	19.0	19.4	19.7	19.9	20.1	20.1	19.9	19.6	19.3	18.7	18.1	17.6	17.3	17.2	17.3	17.3	17.4	17.6	18.0	18.2	18.4
De Valls Bluff	do	24	21.9	21.7	21.4	21.2	20.9	20.5	20.3	19.9	20.0	20.3	20.6	20.8	20.9	21.0	21.2	21.2	21.3	21.3	21.3	21.2	21.1	21.0	20.8	20.6	20.5	20.5	20.6	20.6	20.6	20.7	20.8
Clarendon	do	30	26.8	26.6	26.4	26.3	26.1	25.8	25.5	25.3	24.9	24.7	24.6	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.2	25.2	25.3	25.3	25.2	25.0	24.9	24.7	24.7	24.7	24.6	24.6	24.6
Gilbert	Buffalo	30	4.4	4.3	4.2	4.1	4.1	4.0	10.0	7.4	6.1	5.6	5.3	4.9	4.7	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	7.1	6.6	6.1	5.9	5.7	5.6	6.9	6.2	5.8	5.6
Black Rock	Black	14	6.1	5.6	5.4	5.0	4.9	4.8	9.5	16.3	17.5	14.7	14.4	14.2	13.4	12.7	12.1	11.5	10.8	10.4	10.1	9.5	9.4	10.6	11.3	10.9	10.4	10.0	10.0	10.8	10.7	10.4	10.0
Camden	Ouachita	30	14.0	14.6	15.1	15.7	15.3	15.0	13.7	14.8	19.4	20.3	20.2	19.7	19.1	16.7	14.8	13.1	12.1	11.6	11.5	11.0	11.0	12.1	14.0	14.4	14.2	13.4	13.1	14.8	19.4	21.0	22.0
Fulton	Red	28	16.8	15.7	15.0	14.7	14.1	13.3	12.8	13.7	14.6	15.9	16.1	15.3	14.3	13.2	12.0	10.8	10.2	9.8	9.3	9.1	9.2	9.4	9.9	13.0	14.5	14.3	13.4	13.0	14.0	16.6	17.6
Helena	Mississippi	44	14.8	15.1	15.7	15.9	15.5	14.7	14.3	14.4	14.7	14.5	14.7	15.3	16.0	16.6	16.8	16.6	16.1	15.6	15.2	14.6	13.9	13.4	12.8	12.4	12.0	11.8	11.9	12.1	12.2	12.1	11.8
Arkansas City	do	48	20.5	20.8	21.0	21.3	21.5	21.3	20.6	20.0	19.8	20.0	20.2	20.4	20.9	21.3	21.6	21.8	21.6	21.2	20.8	20.2	19.7	19.1	18.6	18.0	17.6	17.2	17.2	17.4	17.6	17.6	17.6

Daily temperatures for March, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	50	50	50	62	66	59	52	60	55	64	68	69	63	70	63	59	64	72	73	50	45	64	71	65	66	51	59	47	58	55	48	59.6
	Minimum	44	30	30	52	33	37	33	30	30	26	30	33	37	51	44	33	34	38	38	40	40	39	41	44	37	43	41	29	30	30	41	36.1
Bee Branch	Maximum	52	44	45	51	64	65	57	53	49	55	61	60	64	68	67	55	59	67	67	64	41	57	66	65	61	60	57	48	55	54	51	57.5
	Minimum	42	34	27	30	30	49	32	30	30	24	30	32	47	53	40	30	27	37	36	39	38	38	36	45	39	40	40	33	31	38	38	36.0
Bentonville	Maximum	39	46	43	49	59	49	33	36	44	59	60	63	66	62	49	54	62	65	65	52	41	58	64	56	57	47	43	29	50	50	42	51.4
	Minimum	33	31	34	25	38	33	28	26	25	28	29	37	49	43	33	28	34	47	37	37	34	36	44	41	33	34	29	23	27	40	37	34.0
Blytheville	Maximum	55	52	49	50	68	66	70	49	53	59	62	69	69	73	64	50	65	61	64	60	52	62	65	71	68	60	62	63	56	61	60	60.9
	Minimum	40	39	32	31	37	47	39	32	33	32	39	35	48	52	39	37	33	44	39	38	42	42	40	50	45	42	45	40	36	40	43	39.7
Booneville	Maximum	56	51	47	56	64	64	40	43	49	63	67	69	68	70	66	65	66	71	68	62	46	63	69	63	63	59	49	40	55	53	51	58.6
	Minimum	44	37	30	27	38	40	31	30	29	25	36	41	48	53	42	28	34	48	38	40	39	39	45	42	34	41	35	26	29	37	42	37.0
Brinkley	Maximum	51	48	44	52	62	67	63	50	51	59	65	64	66	71	66	53	60	64	68	60	49	57	70	67	63	56	60	53	56	56	53	58.8
	Minimum	42	35	28	31	33	48	35	32	32	24	37	33	45	53	43	33	28	38	33	41	42	40	36	46	40	45	45	35	30	36	41	37.4
Calico Rock§§	Maximum	45	45	78	52	62	51	39	45	49	59	59	61	70	69	57	56	61	68	64	46	42	59	68	62	62	49	55	41	55	54	45	54.8
	Minimum	40	35	24	29	30	40	34	30	30	20	24	28	29	46	33	25	26	29	30	32	38	39	35	43	34	40	41	34	32	34	35	32.9
Camden§§	Maximum	57	48	54	56	68	67	42	52	53	62	70	71	70	71	64	58	65	71	75	59	47	60	75	68	66	53	63	52	60	58	49	60.8
	Minimum	42	38	30	30	30	36	34	31	30	25	27	31	36	50	45	32	31	33	36	40	42	42	40	40	37	40	41	33	29	34	41	35.7
Center Point	Maximum	56	51	53	59	66	66	58	49	54	61	74	71	68	67	67	63	64	74	72	68	44	67	74	72	67	60	60	50	59	53	52	62.0
	Minimum	45	39	31	29	39	54	31	28	28	32	37	43	50	54	44	33	35	45	50	43	40	39	44	44	37	41	41	29	28	41	45	39.3
Conway	Maximum	55	47	50	54	67	64	54	47	51	60	65	64	67	72	63	56	64	70	68	63	44	60	70	68	64	61	59	48	56	56	53	59.4
	Minimum	46	37	27	30	33	49	33	27	31	25	32	33	48	55	42	32	32	42	37	42	40	40	41	45	35	45	43	34	29	39	41	37.6
Corning	Maximum	49	51	43	49	59	56	55	42	46	55	59	58	67	68	64	58	59	64	60	49	43	59	66	60	62	60	55	53	56	55	51	55.7
	Minimum	36	30	23	27	31	44	29	28	29	22	30	28	43	44	34	31	25	37	31	32	36	36	32	42	37	39	41	34	32	36	37	33.4
Dardanelle	Maximum	53	49	51	55	69	65	46	46	52	63	68	67	68	72	70	58	65	73	68	64	45	62	72	65	64	61	55	44	55	55	53	59.8
	Minimum	47	38	29	30	36	45	33	32	31	26	32	36	46	55	43	30	36	45	38	42	39	42	42	45	36	43	40	31	31	40	41	38.1
Dumas	Maximum	57	50	48	54	68	68	61	54	52	62	66	69	71	70	61	58	63	73	72	62	51	55	74	73	65	57	65	52	61	53	50	61.1
	Minimum	44	37	31	31	32	48	35	32	32	28	38	39	45	56	41	31	29	37	37	43	42	40	37	38	39	41	48	35	30	39	43	38.0
Dutton	Maximum	49	44	43	51	61	58	42	35	42	55	62	59	63	61	55	53	59	65	67	59	41	57	61	58	59	53	49	36	53	51	47	53.3
	Minimum	31	27	21	19	28	37	24	23	21	16	22	28	45	44	32	18	21	37	26	35	30	32	33	38	24	32	32	20	23	27	32	28.3
El Dorado	Maximum	58	55	54	57	69	67	63	52	53	62	71	73	70	72	63	60	65	73	77	68	50	59	77	74	68	62	66	52	60	57	52	63.4
	Minimum	43	36	33	31	36	52	34	32	31	28	38	43	48	54	48	35	34	42	45	45	43	44	42	45	40	45	44	33	31	42	41	39.9
Eureka Springs	Maximum	49	48	44	52	62	69	41	37	46	59	65	65	68	66	54	56	65	67	66	57	39	60	63	58	61	52	46	35	54	52	46	54.8
	Minimum	38	30	32	24	36	37	26	25	23	27	31	40	50	42	33	26	34	48	39	38	33	36	44	40	33	33	34	24	28	38	36	34.1
Fayetteville	Maximum	53	43	43	51	59	58	37	37	44	58	61	61	65	62	59	53	61	65	67	64	43	58	63	62	57	53	45	34	50	49	46	53.6
	Minimum	38	31	32	24	37	37	27	26	25	26	30	36	53	44	32	25	30	49	35	40	34	36	43	38	32	35	31	22	27	38	37	34.0
Fort Smith	Maximum	55	49	46	54	64	54	37	42	48	63	63	69	65	69	58	55	66	69	69	57	47	61	65	61	62	54	47	39	51	53	46	56.1
	Minimum	41	36	35	31	39	37	31	30	29	30	37	41	48	53	42	33	38	50	44	42	39	38	47	43	39	41	32	25	31	42	41	38.2
Gravette	Maximum	53	45	43	50	57	57	37	36	44	57	58	62	66	62	58	54	63	64	65	61	42	59	64	60	57	54	40	34	52	50	46	53.2
	Minimum	35	30	29	22	39	35	26	25	24	26	27	38	52	43	33	24	33	36	39	39	32	33	40	38	27	32	32	21	27	39	35	32.6
Helena	Maximum	53	48	42	50	61	68	64	49	49	58	67	65	69	69	60	58	60	67	67	62	52	54	68	69	62	54	60	60	54	54	49	58.8
	Minimum	39	35	30	27	35	46	36	32	30	25	40	38	47	53	41	30	30	42	38	36	44	41	39	44	37	46	47	35	27	37	40	37.6
Hope	Maximum	58	50	55	60	71	65	51	53	55	50	75	75	59	74	65	61	73	73	79	64	49	67	76	69	70	59	65	53	61	59	51	62.7
	Minimum	42	39	33	30	38	49	31	31	29	26	36	36	49	52	42	33	35	45	38	45	41	43	44	42	38	42	35	31	28	38	41	38.1
Hot Springs	Maximum	56	48	48	54	64	63	45	47	51	58	66	65	63	68	60	56	60	67	67	56	46	59	68	63	63	58	59	49	56	54	50	57.6
	Minimum	46	43	32	32	38	36	37	36	36	29	36	42	41	47	44	35	36	48	46	45	43	44	44	49	38	46	48	34	38	43	44	40.5
Jonesboro	Maximum	59	48	44	50	62	64	63	41	48	58	58	61	69	69	63	52	60	62	59	51	45	59	66	65	62	55	55	52	56	55	52	56.9
	Minimum	41	34	31	31	33	48	34	31	32	28	37	34	45	54	40	34	28	41	40	37	40	39	40	48	40	43	44	37	34	39	41	38.0
Lead Hill	Maximum	52	46	45	53	66	62	44	43	46	61	62	64	71	65	57	55	66	67	67	60	42	60	68	63	61	54	51	42	54	53	51	56.5
	Minimum	39	32	24	26	29	41	29	28	28	19	25	26	39	39	29	21	22	38	29	38	32	36	36	39	29	38	39	29	31	36	[illegible]	31.8
Little Rock	Maximum	51	42	46	53	66	65	47	46	49	60	63	63	64	69	59	54	61	68	66	51	43	57	70	64	62	53	60	43	55	53	48	56.5
	Minimum	41	36	31	35	37	47	34	32	34	32	39	42	52	54	44	36	36	44	45	42	40	41	42	51	44	44	36	33	31	42	40	39.9
Lutherville	Maximum	52	46	45	52	65	61	45	42	49	60	66	61	65	69	61	58	63	69	67	60	43	62	66	61	64	55	53	44	53	52	51	56.8
	Minimum	41	34	38	26	35	44	28	29	28	25	34	48	49	52	41	31	31	42	40	40	36	39	42	43	39	39	36	29	29	40	38	37.0
Magnolia	Maximum	57	54	53	57	68	66	62	54	51	62	69	73	72	71	67	62	64	72	77	72	58	72	76	72	67	59	62	50	60	56	53	63.5
	Minimum	44	33	32	31	38	53	43	32	32	29	38	42	50	56	48	36	37	45	43	49	42	41	42	42	39	44	46	32	31	42	41	40.4
Malvern	Maximum	57	49	51	57	68	67	64	49	53	63	72	69	65	73	67	59	65	71	71	65	45	62	71	68	67	59	61	49	59	56	51	61.4
	Minimum	44	38	30	26	33	54	38	33	33	24	29	36	57	55	41	32	28	38	39	43	40	43	35	40	33	43	45	32	28	38	41	37.7
Mammoth Spring	Maximum	57	48	45	49	59	56	51	41	45	55	58	62	68	67	60	58	59	66	62	57	43	58	61	63	59	57	51	50	57	58	56	56.0
	Minimum	40	31	25	29	34	47	31	29	29	22	28	29	42	41	36	30	27	41	31	37	36	37	40	43	38	40	40	33	32	40	40	34.8
Marianna	Maximum	52	52	45	50	61	67	64	50	50	56	64	64	68	70	70	70	58	64	66	62	54	67	67	66	62	58	60	57	55	55	53	59.9
	Minimum	35	35	31	33	34	47	36	33	33	27	38	35	47	54	40	35	29	39	38	42	44	40	38	49	42	47	47	36	31	36	41	38.5
Marshall	Maximum	50	42	41	49	60	60	42	38	41	54	57	57	66	63	63	53	57	60	60	60	47	58	60	60	57	57	51	48	58	53	48	53.9
	Minimum	39	32	26	28	45	42	28	28	27	22	28	37	50	48	33	24	30	44	32	32	35	36	45	53	33	38	38	30	29	35	37	35.0
Mena	Maximum	52	45	47	58	65	61	40	42	52	60	66	68	62	66	60	58	64	69	72	60	42	64	69	62	61	57	52	44	54	52	48	57.3
	Minimum	43	30	30	41	41	40	29	29	27	25	48	37	50	52	44	31	31	47	40	40	37	38	41	47	37	40	32	25	25	38	41	37.3
Mount Ida	Maximum	53	49	49	57	65	61	44	43	51	59	70	67	63	71	64	59	63	73	71	64	45	63	72	64	64	59	56	46	58	56	51	59.1
	Minimum	40	37	24	25	33	42	32	30	28	17	25	26	54	51	30	23	25	41	30	40	39	40	34	38	28	41	39	28	25	31	41	33.5
Newport	Maximum	49	48	43	50	60	63	62	42	48	55	59	61	67	68	60	54	59	63	63	55	46	55	65	64	61	52	57	57	57	54	53	56.5
	Minimum	42	35	28	32	32	50	35	32	32	26	35	33	48	55	42	34	29	42	37	40	42	40	38	49	42	44	44	37	34	39	41	38.4
Pine Bluff	Maximum	57	49	50	59	71	69	62	51	52	64	68	70	69	72	62	52	66	72	74	61	46	57	75	69	65	54	61	52	57	56	50	61.1
	Minimum	45	38	32	30	34	54	36	32	31	26	41	32	52	56	42	34	30	40	38	45	41	41	37	45	39	45	46	35	31	39	42	39.0
Pocahontas	Maximum	48	49	45	50	60	58	57	46	47	54	58	58	68	67	65	62	59	65	65	57	45	59	64	63	61	58	53	53	57	56	50	56.7
	Minimum	40	33	25	29	30	48	32	30	30	24	35	32	40	48	35	33	25	37	38	36	38	38	33	45	40	43	42	35	35	40	40	35.8
Portland	Maximum	59	56	54	58	67	67	62	53	53	61	72	69	72	73	68	57	64	74	73	68	57	57	73	72	67	64	68	61	58	56	52	63.5
	Minimum	41	38	33	32	33	49	37	32	32	28	35	38	47	52	46	35	30	38	40	50	42	42	37	49	42	46	49	36	33	42	42	39.5
Prescott	Maximum	57	56	54	58	69	68	66	52	56	63	71	73	70	71	66	61	70	33	75	71	48	65	75	71	68	67	61	52	59	57	51	63.3
	Minimum	43	38	31	30	39	51	33	30	30	26	35	38	49	55	43	32	37	44	40	45	41	42	41	43	38	42	44	31	28	38	41	38.6
Rison	Maximum	61	53	51	58	68	67	65	52	53	63	70	69	70	70	69	61	64	70	73	67	50	57	74	72	68	64	64	63	59	60	55	63.2
	Minimum	44	37	31	32	36	52	34	30	30	27	39	39	57	54	45	33	32	41	41	47	41	41	39	45	39	43	45	34	29	39	41	39.3
Searcy	Maximum	52	46	44	51	62	64	63	49	51	56	61	62	65	70	60	54	59	65	65	54	43	56	69	67	63	57	60	46	55	55	50	57.2
	Minimum	41	35	27	29	31	53	34	31	31	24	32	34	45	54	40	30	29	37	38	40	40	39	36	46	34	44	44	35	30	39	40	36.8
Stuttgart	Maximum	54	48	45	52	65	67	62	47	49	59	63	65	66	70	64	55	61	65	67	65	57	54	71	66	61	58	61	56	56	55	52	59.2
	Minimum	37	32	32	35	49	46	32	33	28	40	35	45	55	41	31	32	41	37	49	44	43	39	46	39	45	46	35	30	38	42	39	39.2
Texarkana	Maximum	55	57	55	59	73	68	48	51	53	63	67	73	72	72	64	53	57	73	75	69	50	65	78	68	65	55	58	50	60	50	53	61.6
	Minimum	42	35	30	27	37	41	28	27	26	26	41	42	43	41	41	28	44	41	43	41	39	36	43	43	41	37	34	26	25	37	39	36.3
Thornburg	Maximum	55	48	48	58	67	65	52	58	58	63	66	67	69	73	64	54	62	72	71	64	46	62	70	66	65	56	62	43	60	55	54	60.4
	Minimum	41	33	22	29	31	46	31	28	28	17	26	29	53	52	30	25	26	49	28	39	37	39	35	44	31	41	38	28	27	33	38	31.0
Warren	Maximum	58	58	50	52	65	66	64	50	51	60	67	68	69	68	68	60	62	72	72	68	50	53	74	73	65	61	63	58	58	55	52	61.6
	Minimum	45	35	32	32	33	50	34	31	31	28	34	42	50	55	46	34	31	40	43	40	40	41	38	48	44	45	46	34	30	41	41	39.5
Wilson	Maximum	50	47	41	47	59	65	62	44	54	61	59	59	70	68	61	51	58	58	59	55	48	56	64	66	61	57	58	56	40	55	54	56.6
	Minimum	40	34	30	28	33	47	32	31	31	25	36	28	46	52	32	23	24	39	35	37	40	40	38	45	37	40	45	37	34	36	39	35.9
Wynne	Maximum	55	42	39	49	60	64	65	60	50	55	48	63	66	56	53	50	45	61	62	56	48	45	58	66	64	65	56	55	55	56	55	55.5
	Minimum	35	34	32	29	35	33	36	29	32	25	35	38	36	47	38	33	31	35	43	40	38	40	41	38	42	48	45	36	31	37	41	36.5

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 4-28-31-980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

ARKANSAS SECTION

3

HARVEY S. COLE, Meteorologist

VOL. XXXVI   LITTLE ROCK, ARK., APRIL, 1931   No. 4

GENERAL SUMMARY

Temperature and precipitation for April 1931 were both below normal, this being the third month this year with the average precipitation below normal and the second consecutive month with the temperature below. The accumulated deficiency in precipitation for the year is now 4.53 inches.

The cool weather of the latter part of March continued in most sections the first six days of April. From the 7th to the 20th temperatures were uniformly above normal, but thereafter were continuously below with the coldest for the month occurring at many stations on the 22d. The mean temperature for the State, as determined by the records of 62 stations, was 59.1° which is 2.4° below normal, all stations for which normals have been computed showing negative departures. Monthly means ranged from 52.2° at Dutton in the Ozarks to 63.1° at Blytheville in the northeastern part of the State with stations located in western border counties generally showing the greatest departures from the normal. The highest temperature recorded was 92° at Warren on the 18th; the lowest 21° at Dutton on the 6th. The greatest daily range was 50° recorded at both Calico Rock and Thornburg on the 7th.

Although the number of rainy days was one above normal, the average precipitation for the 92 stations reporting was only 2.62 inches which is a departure of 2.43 inches below normal. Rainfall was light and scattered during the first eight days of the month but thereafter showers were frequent with only a day or two interval, the heaviest precipitation occurring during the latter half of the month. The geographical distribution was irregular with nearby stations showing a wide divergence in monthly totals. Of the stations with records of 10 years or more, only three reported positive departures; two in the northwestern part of the State and one in the central portion. Monthly totals ranged from 0.62 inch at Amity to 6.43 inches at Little Rock. The greatest amount measured in any 24-hour period was 3.23 inches at Little Rock on the 30th.

The weather was too cool during the first and latter portions of the month for the growth of most crops. Considerable damage to fruit and early strawberries in western and northwestern sections of the State resulted from the frost and freezing temperatures of the 6th and again from the cold spell of the 22d when freezing temperatures occurred in the western half of the State. Cotton where up and tender vegetables in many sections were also damaged on the 22d and much cotton and corn had to be replanted because of the cold, wet soil. Hailstorms also did considerable damage in western border counties on the 17th and 25th.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs		3	2						1						2			2					1	1	3					1	
Light Hail													1		1		1	1	1						2	1				1	
Moderate Hail																									1						
Heavy Hail																	1								3						
Thunderstorms			3						10	4		1	13	10	6	10	25	22	11	10	3			1	34	10			5	16	

Heavy Hail:-Near Springdale, 16th, destroyed all crops and fruit over an area of one-half square mile, several thousand dollars damage.
Waldron, 25th. $5,000 damage to fruit, truck, and strawberries.
Lewisville, 25th, slight damage to truck and gardens.
Near Mena, 25th, severe damage to fruit, truck, and gardens.

Tornado: ---6 or 8 miles east of Waldron, 25th, 5 p.m. sw to ne, destructive path 1200 feet, none killed nor injured, timber loss $10,000.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a.m.	7 p.m.	Percentage of sunshine
Bentonville	30.07	30.46	5	29.42	2	2,933	18	n	20	......	......	65
Fort Smith	30.06	30.42	5	29.43	2	4,792	29	n	20	80	59	61
Little Rock	30.07	30.40	22	29.48	2	5,203	48	nw	30	76	48	62
Memphis	30.07	30.87	11	29.57	2	5,175	26	s	25	72	49	63

COMPARATIVE DATA FOR APRIL

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**61.5**		**99**		**18**		**5.05**		**13**	**8**	**9**	**8**
1891	62.8	+1.3	98	30	22	5	2.75	−2.30	15	10	5	8
1892	61.4	−0.1	97	18	27	22	6.98	+1.93	12	9	9	10
1893	64.9	+3.4	94	4	29	15	7.16	+2.11	11	10	9	8
1894	63.1	+1.6	91	16	29	6	6.18	+1.13	14	8	8	9
1895	63.1	+1.6	98	30	30	3	1.99	−3.06	15	8	7	6
1896	67.8	+6.3	94	26	24	3	3.65	−1.40	12	12	6	5
1897	61.4	−0.1	90	27	31	17	4.14	−0.91	12	11	7	9
1898	59.2	- 2.3	93	30	19	6	3.09	−1.96	14	8	8	8
1899	60.7	−0.8	96	25	19	1	3.28	−1.77	10	11	9	7
1900	62.2	+0.7	96	23	24	3	4.98	−0.07	10	12	8	10
1901	58.1	−3.4	96	29	22	3	3.82	−1.23	14	8	8	6
1902	61.2	−0.3	96	29	25	1	2.87	−2.18	11	11	8	8
1903	60.6	−0.9	91	9	26	26	1.86	−3.19	13	10	7	6
1904	56.8	−4.7	89	23	24	10	3.88	−1.17	11	9	10	8
1905	61.1	−0.4	96	9	25	6	6.29	+1.24	9	10	11	11
1906	63.7	+2.2	97	11	27	1	2.55	−2.50	15	7	8	6
1907	54.9	−6.6	89	29	24	14	5.44	+0.39	10	7	13	9
1908	63.3	+1.8	94	21	24	30	6.32	+1.27	9	9	12	12
1909	60.9	−0.6	88	18	24	9	4.52	−0.53	15	7	8	8
1910	59.8	−1.7	90	30	22	25	5.14	+0.09	12	9	9	9
1911	60.5	−1.0	90	6	29	1	9.86	+4.81	10	9	11	12
1912	61.9	+0.4	93	15	26	1	8.14	+3.09	9	11	10	12
1913	61.2	−0.3	94	18	27	5	4.91	−0.14	17	6	7	6
1914	61.0	−0.5	94	16	19	9	4.57	−0.48	11	9	10	9
1915	64.3	+2.8	96	28	19	3	2.96	−2.09	14	8	8	5
1916	59.9	−1.6	92	14	24	9	3.65	−1.40	13	7	10	7
1917	60.4	−1.1	90	28	23	9	5.69	+0.64	14	7	9	9
1918	59.6	−1.9	96	2	25	10	7.63	+2.58	14	6	10	9
1919	61.6	+0.1	95	24	24	16	3.56	−1.49	14	6	10	7
1920	59.8	−1.7	94	22	21	11	5.49	+0.44	14	7	9	9
1921	59.8	−1.7	91	27	22	17	7.87	+2.82	14	6	10	9
1922	63.5	+2.0	90	7	26	1	5.54	+0.49	13	6	11	9
1923	61.4	−0.1	95	24	23	1	6.30	+1.25	14	7	9	11
1924	61.4	−0.1	94	14	18	1	4.99	−0.06	14	6	10	8
1925	67.4	+5.9	98	15	28	30	2.62	−2.43	14	9	7	6
1926	59.1	−2.4	94	29	18	1	2.65	−2.40	15	6	9	7
1927	65.7	+4.2	99	27	26	22	12.93	+7.88	12	7	11	12
1928	57.3	−4.2	87	1	22	10	8.52	+3.47	13	5	12	9
1929	64.0	+2.5	92	8	29	1	5.69	+0.64	11	7	12	10
1930	64.9	+3.4	95	10	27	1	1.41	−3.64	16	7	7	6
1931	59.1	−2.4	92	18	21	6	2.62	−2.43	13	7	10	9

Late Reports

Jessieville, total precipitation: February, 3.65 inches: March, partly interpolated 4.90 inches: April, partly interpolated, 2.43 inches.

Climatological Data for April, 1931

Stations	Counties	Elevation, feet	Length of record, years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest in 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	760	36	58.6	-3.6	85	15†	32	22	[illegible]	0.62	-1.63	0.15	0.0	7	11	15	4	s.	J. W. Campbell
Arkadelphia	Clark	250	35	....	....	....	....	....	....	....	2.33	-2.81	0.80	0.0	12	16	4	10	......	W. K. Bown
Arkansas City	Desha	145	47	....	....	....	....	....	....	....	1.71	-3.17	1.19	0.0	7	13	4	13	..	Herbert Neff
Arlberg	Stone	700	9	....	....	....	....	....	....	....	4.21	.....	1.21	0.0	6	12	6	12	ne.	J. D. Reeves
Batesville	Independence	277	32	55.4	-3.9	86	16	28	22	43	2.23	-2.77	0.97	0.0	9	15	1	14	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	[illegible]	30	58.2	-2.7	85	16	30	22	40	2.38	-2.48	0.62	0.0	12	12	5	13	s.	J. E. Scanlan
Bentonville	Benton	1303	26	54.5	-2.8	80	16	29	5†	32	4.16	-0.70	1.01	0.0	10	19	4	7	s.	U. S. Weather Bure
Big Lake Outlet ‡‡	Mississippi	....	1	....	....	....	....	....	....	....	2.22	.....	0.96	0.0	6	21	2	7	......	Harry Johnson
Black Rock	Lawrence	259	29	....	....	....	....	....	....	....	2.71	2.85	1.23	0.0	11	18	4	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	6	63.1	.....	88	16†	40	22	34	2.62	.....	0.87	0.0	8	11	6	13	s.	Charles Phillips, Jr.
Booneville	Logan	465	17	59.1	-3.1	83	17	30	22	42	2.85	-2.32	0.80	0.0	12	11	8	11	w.	F. H. Randolph
Brinkley	Monroe	295	41	60.6	-1.3	89	16	32	22	41	1.27	-4.29	0.42	0.0	9	15	10	5	ne.	R. J. Torry
Calico Rock	Izard	[illegible]	27	55.6	-3.2	86	16	29	6	50	[illegible]	-1.63	0.86	0.0	13	11	12	7	w.	W. J. Copp
Camden	Ouachita	[illegible]	46	59.5	-3.8	87	16	32	11	42	[illegible]	-3.67	0.55	0.0	[illegible]	12	1	17	se.	A. B. Quarterman
Center Point	Howard	470	32	61.8	-1.2	86	16	30	1	36	1.11	-4.11	0.54	0.0	9	12	7	11	se.	John C. Floyd
Clarendon	Monroe	[illegible]	27	....	....	....	....	....	....	....	2.25	-3.86	[illegible]	0.0	12	14	2	14	n.	J. W. Bishop
Clinton	Van Buren	516	10	....	....	....	....	....	....	....	3.24	.....	1.00	0.0	[illegible]	13	5	12	nw.	A. L. Stephens
Conway	Faulkner	[illegible]	45	60.4	1.7	88	16	35	5†	41	1.65	-3.21	0.62	0.0	9	15	2	12	e.	E. E. Cordrey
Corning	Clay	283	35	57.9	-2.0	86	16	31	6†	41	2.61	[illegible]	0.62	0.0	9	15	3	12	s.	Winfred D. Polk
Cotter	Baxter	[illegible]	4	....	....	....	....	....	....	....	2.15	.....	0.75	0.0	6	15	7	8	n.	O. B. McSpadden
Crossett	Ashley	155	16	61.2	-2.6	89	16†	35	22	41	[illegible]	-0.79	2.72	0.0	10	12	6	12	s.	G. A. Gifford
Danville	Yell	[illegible]	15	....	....	....	....	....	....	....	3.28	-2.03	[illegible]	0.0	6	14	0	16	e.	C. G. Hudson
Dardanelle	Yell	[illegible]	45	60.4	-1.8	85	16	38	22	41	[illegible]	-0.95	0.75	0.0	10	13	6	11	s.	Geo. N. Goodier
DeValls Bluff	Prairie	[illegible]	4	....	....	....	....	....	....	....	1.13	.....	0.45	0.0	6	15	5	11	......	H. G. Pate
Dumas	Desha	162	25	61.5	-0.9	90	16	33	22	40	1.74	3.97	0.91	0.0	10	9	15	6	s.	Ben Johnson
Dutton	Madison	[illegible]	[illegible]	52.2	-4.0	79	16	21	6	41	2.90	-2.17	1.98	0.0	12	11	13	6	s.	J. M. Ricketts
El Dorado	Union	270	[illegible]	62.8	-1.5	87	16	35	1†	25	[illegible]	-2.45	1.67	0.0	9	9	4	17	se.	J. J. Babb
England	Lonoke	[illegible]	24	61.4ᵇ	1.4	[illegible]	[illegible]	[illegible]	22	30ᵃ	[illegible]	-4.45	1.15	0.0	8	14	6	9ᵃ	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	56.8	-2.2	82	15†	30	22	32	4.29	-0.12	0.97	0.0	12	11	9	10	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	55.2	-3.8	81	16	25	5	35	[illegible]	[illegible]	1.18	0.0	15	11	10	9	sw.	University of Arkan
Fort Smith	Sebastian	[illegible]	51	59.0	-2.8	82	16	35	1	33	2.97	-0.97	0.92	0.0	10	13	6	11	e.	U. S. Weather Bur
Freeman Springs ‡‡	Pope	2230	7	....	....	....	....	....	....	....	3.66	.....	[illegible]	0.0	13	13	11	6	s.	R. J. Mc Culston
Fulton	Hempstead	[illegible]	45	....	....	....	....	....	....	....	1.32	3.22	[illegible]	0.0	8	13	6	11	......	T. J. Logan
Georgetown	White	200	19	....	....	....	....	....	....	....	1.58	-4.15	0.58	0.0	8	13	1	16	......	W. R. Owens
Gilbert	Searcy	675	5	....	....	....	....	....	....	....	[illegible]	.....	[illegible]	0.0	11	10	14	6	......	Ben F. Battenfield
Grannis	Polk	980	12	57.0	-3.5	81	16	25	1	41	1.36	-5.10	0.25	0.0	9	12	8	10	e.	W. E. McVay
Gravette	Benton	1250	34	54.9	-2.4	80	15†	26	5	38	4.49	-0.11	1.17	0.0	11	10	8	12	se.	A. F. Stevens
Harrison	Boone	[illegible]	39	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	......	Dan Robertson
Helena	Phillips	250	50	61.0	-2.0	85	16	31	22	[illegible]	2.53	-3.15	1.10	0.0	10	11	9	10	ne.	James A. Burnett
Higden	Cleburne	445	13	....	....	....	....	....	....	....	2.75	-3.25	0.70	0.0	11	13	10	7	w.	Geo. W. Baker
Highland	Pike	....	2	61.1	.....	87	16	33	1	39	1.00	.....	0.90	0.0	5	15	12	3	s.	Tom W. Stewart
Hope	Hempstead	377	60	61.6	-2.3	[illegible]	16	32	22	[illegible]	1.73	-3.65	[illegible]	0.0	8	14	5	11	se.	N. P. O'Neal
Hot Springs	Garland	[illegible]	40	60.6	-2.4	81	16	33	6†	34	3.27	-2.75	1.13	0.0	7	10	17	3	......	G. C. Bolton
Index ‡‡	Little River	275	6	....	....	....	....	....	....	....	2.10	.....	0.95	0.0	6	12	5	13	......	H. G. Sanderson
Jessieville	Garland	[illegible]	5	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	......	U. S. Forest Servi
Jonesboro	Craighead	545	36	60.9	-0.4	88	16	35	22†	51	2.23	[illegible]	0.92	0.0	7	12	12	5	sw.	Benedictine Sister
Junction ‡‡	Union	182	37	60.2	-4.1	86	16	33	22	[illegible]	3.67	-0.83	1.64	0.0	6	15	5	10	sw.	J. A. Lowderback
Lead Hill	Boone	650	4	55.6	.....	83	15	27	6	48	3.61	.....	[illegible]	0.0	12	16	3	11	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	60.0	1.5	85	16	35	5	31	6.45	+1.23	[illegible]	[illegible]	19	11	4	15	n.	U. S. Weather Bu
Lurton	Newton	2100	6	51.0	.....	78	16	29	22	31	[illegible]	.....	[illegible]	[illegible]	14	12	7	11	nw.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	58.0	-2.1	84	16	30	22	37	2.92	-1.93	[illegible]	0.0	12	13	4	13	e.	H. G. Lenhardt
Madison	St. Francis	....	1	....	....	....	....	....	....	....	1.70	.....	[illegible]	0.0	7	15	5	9	......	William G. Hager
Magnolia	Columbia	[illegible]	12	62.0	-2.5	87	16	34	1†	31	1.87	-3.20	[illegible]	0.0	4	9	17	4	n.	State Agri. Scho
Malvern	Hot Spring	[illegible]	41	60.6	[illegible]	85	16	32	22	32	2.27	-2.91	[illegible]	0.0	11	15	9	6	sw.	Mrs. W. L. Matth
Mammoth Spring	Fulton	[illegible]	26	57.8	1.3	[illegible]	16	31	6	47	[illegible]	[illegible]	[illegible]	0.0	5	15	9	5	sw.	S. F. Whittaker
Marianna	Lee	[illegible]	19	60.9	-1.7	87	16	36	22	34	1.64	2.86	0.70	[illegible]	7	15	10	5	s.	C. N. Houck
Marked Tree	Poinsett	[illegible]	26	58.6	-3.0	89	16	31	22	38	1.84	-3.06	0.59	[illegible]	8	15	14	1	s.	Charles Walton
Marshall	Searcy	[illegible]	17	55.8	-1.9	82	15	29	6†	41	3.05	-1.10	0.70	0.0	14	12	6	12	sw.	A. J. Parks
Mena	Polk	1185	33	58.8	-2.9	81	16†	26	22	39	2.15	-3.21	[illegible]	0.0	11	11	6	13	nw.	E. W. St. John
Morrilton	Conway	[illegible]	10	55.6	.....	86	16	37	5	37	3.51	.....	0.51	0.0	8	13	1	11	nw.	John Cook
Mountain Home	Baxter	[illegible]	17	57.2	-2.1	85	16	31	6	42	2.76	2.31	0.60	0.0	12	15	1	14	nw.	B. S. Halbert
Mount Ida	Montgomery	650	32	57.1	-4.4	86	16	29	6†	46	[illegible]	-3.22	1.32	0.0	5	11	9	10	sw.	G. A. Whittingto
Newport	Jackson	251	47	59.8	-2.2	85	16	35	22	50	1.22	-3.82	0.71	0.0	8	15	5	10	n.	J. D. Henderson
Norman	Montgomery	[illegible]	4	....	....	....	....	....	....	....	[illegible]	.....	1.00	0.0	7	11	15	3	......	U. S. Forest Serv
Oden	Montgomery	[illegible]	5	....	....	....	....	....	....	....	2.31	.....	1.35	0.0	4	..	..	..	......	U. S. Forest Serv
Okay	Howard	[illegible]	2	60.7	.....	85	16	29	22	41	0.91	.....	0.67	0.0	8	9	12	9	se.	Frank K. Hensle
Osceola	Mississippi	[illegible]	33	60.6	0.7	90	16	35	21†	35	3.27	-1.22	2.10	0.0	6	10	16	4	s.	June Thomason
Ozark	Franklin	[illegible]	35	57.9	-4.0	85	16	31	22	43	4.65	-0.02	0.94	0.0	8	16	1	13	se.	Orkney O. Milton
Paragould	Greene	[illegible]	5	....	....	....	....	....	....	....	2.36	.....	1.27	0.0	7	15	3	9	s.	W. R. Heagler
Parkin	Cross	....	1	....	....	....	....	....	....	....	1.95	.....	0.50	0.0	7	15	0	15	......	P. D. Roberts
Patterson	Woodruff	[illegible]	15	....	....	....	....	....	....	....	2.19	-3.88	0.91	0.0	5	18	3	9	s.	W. E. Baker
Piggott	Clay	[illegible]	7	....	....	....	....	....	....	....	2.53	.....	0.70	0.0	11	16	6	8	ne.	V. C. Wright
Pine Bluff	Jefferson	215	41	62.2	-1.3	85	16	25	22	39	0.74	-4.77	0.25	0.0	10	14	6	10	sw.	Miss Therese Sch
Pocahontas	Randolph	[illegible]	38	59.2	-1.0	87	16	35	7†	43	2.57	-2.41	0.50	0.0	9	10	7	13	sw.	Benedictine Siste
Portland	Ashley	122	25	62.8	-1.8	93	16†	35	22	38	2.68	-2.51	1.67	0.0	9	9	11	10	s.	W. E. Edmiston
Prescott	Nevada	329	43	61.7	-1.6	89	16	34	1†	38	1.13	-3.97	0.66	0.0	10	10	1	13	s.	Craig Williams
Princeton	Dallas	[illegible]	25	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	......	Mrs. Dora Colem
Rison	Cleveland	[illegible]	30	61.6ᵇ	-2.2	89ᵇ	16	35ᵇ	22	35ᵇ	1.23	-3.47	0.68	0.0	5	10ᵇ	11ᵇ	7ᵇ	sw.	Mrs. M. V. Tisd
Rogers	Benton	[illegible]	[illegible]	55.6	-3.0	83	15	27	22	40	3.97	-0.67	1.00	0.0	10	15	3	12	sw.	Carl A. Starck
Saint Charles	Arkansas	175	2	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	......	Ballard Deane
Saint Francis	Clay	[illegible]	3	....	....	....	....	....	....	....	2.23	.....	0.84	0.0	5	20	4	6	......	S. T. Rooney
Searcy	White	[illegible]	22	59.2	-2.6	87	16	32	22	39	1.90	-3.36	0.75	0.0	10	17	4	9	ne.	Arthur D. Smith
Springbank ‡‡	Miller	210	24	....	....	....	....	....	....	....	2.32	-3.92	0.95	0.0	9	13	2	15	......	Miss Grace Field
Story	Montgomery	700	7	....	....	....	....	....	....	....	1.57	.....	0.51	0.0	6	15	7	8	s.	S. C. Story
Stuttgart	Arkansas	[illegible]	41	61.2	-1.2	86	16	33	21	37	1.61	-3.58	0.40	0.0	10	14	5	11	n.	Adam F. Buerkl
Subiaco	Logan	[illegible]	34	59.2	-2.6	84	16	33	5†	39	4.40	-0.32	0.85	0.0	13	16	3	11	s.	New Subiaco Ab
Texarkana	Miller	[illegible]	45	60.2	4.0	87	16	29	22	41	2.40	-2.65	0.65	0.0	6	13	5	12	s.	H. S. Prashear
Thornburg	Perry	[illegible]	7	57.4	.....	85	15†	27	6	[illegible]	5.50	.....	2.38	0.0	12	12	11	7	s.	Edward E. Holn
Waldron	Scott	[illegible]	12	....	....	....	....	....	....	....	2.59	-3.58	0.81	0.0	8	13	4	13	sw.	Dr. Cheves Bev
Warren	Bradley	[illegible]	37	62.7	-0.7	92	18	31	22	36	2.00	-3.35	1.20	0.0	7	14	14	2	nw.	Miss Evelyn Ho
Waters	Montgomery	[illegible]	7	....	....	....	....	....	....	....	2.92	.....	1.39	0.0	4	10	12	8	w.	J. R. Huddlesto
Whitecliffs	Little River	[illegible]	27	....	....	....	....	....	....	....	1.12	-4.32	0.40	0.0	7	11	1	18	se.	Nannie O. Schir
Wilson	Mississippi	237	6	53.8	.....	85	15	33	22	36	3.49	.....	1.95	0.0	6	21	2	7	s.	M. W. H. Collin
Winslow	Washington	1734	36	53.4	-4.6	78	15†	26	6†	36	4.29	+0.02	1.08	0.0	12	11	8	11	s.	J. D. Black
Wynne	Cross	250	23	53.5	-2.0	87	16	32	22	39	1.40	-4.65	0.47	0.0	5	18	8	4	s.	R. T. Cobbs
Yancopin	Desha	167	7	....	....	....	....	....	....	....	1.34	.....	0.70	0.0	7	11	3	16	......	W. E. Barton
State Means				59.1	-2.4	92	18	21	6	59	2.62	-2.43	3.23	0.0	9	13	7	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch r
melted snow. ††Received too late for means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:
Lake Outlet, Manila; Freeman Springs, Dover; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Pr
ation for 24 hours ending near sunset unless otherwise indicated. **24 hours ending midnight. ||24 hours ending 7 a. m.

Daily Precipitation for April, 1931

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita										.09				.02					18		.09			.09	.05					.10		0.62
Arkadelphia	Ouachita	.05									.19				.60	.21			.28	.15	.23	.11			.25	.02	.02				.19		2.63
Arkansas City	Mississippi	.13			T.						.04				T.				.01		T.	.29	02		.06	T.					1.19		1.74
Augusta	White									1.19				.67							.81				.15	1.21					.18		4.21
Batesville	White	.09									.47	T.			.09				.04	.15		.22			.05	T.	.97				.15		2.23
Bee Branch	Arkansas			.12						.12	.19			.09	.26			.05	.02	T.	T.	.50			.06	.62	.05				.30		2.38
Bentonville***	Arkansas									.84	.12			.11			.01	T.	1.00		1.01			.18	.21	.47					.21		4.16
Big Lake Outlet	St. Francis	.35				.05					.22				.05							.59			T.	T.	.96						2.22
Black Rock	White	.18			.06						.04	.51			.03				.15	.11		.05			.33		1.23				.02		2.71
Blytheville	Mississippi	.32			.11						.45	.03										.80	.02			.02	.87						2.62
Booneville	Arkansas			.01						.48	.13			.15	.03					.21	T.	.43		.06	.11	.80	.18				.23		2.85
Brinkley	White	.08									.11	.02								.02		.13			.03	.08	.42				.38		1.27
Calico Rock	White	.11		T.	.07						.47				.31	.11		.04	.02	.20		.80			.26	.04	.86				.01		3.30
Camden	Ouachita	.10									.05				.02						.22	.06			.20						.55		1.28
Center Point	Red									.07					T.			.21	.01	.34		.08		.03	.18	.03					.16		1.11
Clarendon	White	.05			T.						.10	.01			.04		.54		.19	.01		.02			.12	.07	.66				.42		2.23
Clinton	White									.36	.22			.20							1.00				.07	.89					.50		3.24
Conway	Arkansas										.06			.02	.01				.02	.11		.55			.11	.62					.15		1.65
Corning	White	.20		.25							.56				.21			.05				.55		T.	.12	.08	.62				T.		2.64
Cotter	White			T.	.12						.34				T.	.14		T.	T.	T.		.78			.20	T.	.57				T.		2.15
Crossett	Ouachita	.05									.10			T.					.17	.06	.03	.29	.07	.13			.01				2.72		3.63
Danville	Arkansas										.41				.42				.20	.58		.63					1.04						3.28
Dardanelle	Arkansas				.01						.47	T.			.20	T.			.30	.63		.61			.09	.01	.75				.27		3.34
De Valls Bluff	White	.10									.18				.05							T.			.05	T.	.45				.31		1.14
Dumas	Mississippi	.05				T.					.07	T.		T.			.02		.23	.02	T.	20	.11		.03	.10					.91		1.74
Dutton	White										.05			.35	.22	T.		.10	.51	.48	.06	.71		.21	.12	1.08	.01				T.		3.96
El Dorado	Ouachita	.08									.37				.02					T.	.52	.17	.10		.15	T.	.12				1.67		3.20
England	Arkansas											.04		.01	.11			.11	.07						.16	.01					1.18		1.69
Eureka Springs	White									.78	.51			.21				.97	.08	.13	.33	.70		.20	.22	.50					.31		4.99
Fayetteville	White									1.18	.76			.08			.22	.40	.11	.42	.46	.56		.14	.15	.98	.06			.06	.07		5.65
Fort Smith***	Arkansas			T.						.76	.06			.13	T.				35		.39			.18	.05	.92				.01	.09		2.97
Freeman Sprgs.	Arkansas				.05					T.	.56				.33	.14		.07	.07	.32	.03	.70			.22	.35	.70				.12		3.66
Fulton	Red										.09				.03					.24	.03	.20			.29		.19				.25		1.32
Georgetown	White	.10									.07								.18	.15		.09			.05	T.	.36				.58		1.58
Gilbert	White				.05					T.	.50				.23	.11		T.	.04	.09		.69			.32	.06	.69				.05		2.83
Grannis	Red			T.	T					.08				.04			T.		.15	.06		.29		.03	.13	.22				T.	.35		1.35
Gravette	Arkansas									.70	.40			.22			.03		.30	.34	1.47			.14	.24	.44					.21		4.49
Harrison	White																																....
Helena	Mississippi	.32			.02						.06								.16			1.10	.11		.03	.14	.20				.44		2.58
Higden	White			.08						.19	.09			.10	.28						.12	.70			.05	.68	.19				.30		2.78
Highland	Ouachita														.06					.40					.36	.06					.21		1.09
Hope	Red									T.					.06	.07		T.	T.	.24		.21			.30	.05				.28	.52		1.73
Hot Springs	Ouachita									.06				.59		.16					.27				.18	1.03					.98		3.27
Index	Red										.22									.18		.20			.32		.98				.26		2.16
Jessieville	Ouachita																																....
Jonesboro	White	.13			.03						.28				.07				T.	.48		.32			T.		.92				T.		2.23
Junction	Ouachita			T.						.38										.72		.44				.37				.52	1.64		4.07
Lead Hill	White		T.							.80	.61			.15	.15			.31	.15		.31	.50		.11	.11	.36					.05		3.61
Little Rock***	Arkansas			T.						T.	.06			.52				.07	.89	.13	T.	.13		T	.07	1.30				.03	3.23		6.43
Lurton	White			.10						45	.10			.36	.22	T.		.11	1.50		.59	.55		.26	.10	1.87	.02				.16		6.30
Lutherville	Arkansas		T.	.05						.68				.27	.07			.05	T.	.22	.03	.33		.13	10	.95				T	.11		2.99
Madison	St. Francis	.12									23								.06			.84				.06	.33				.06		1.70
Magnolia	Red																			.15					.15		.65				.92		1.87
Malvern	Ouachita	.05									.02				1.24				.06	.15	.08	.10			.13	.02	.25				.17		2.27
Mammoth Spg.	White	T.			T.						1.40							.16		T.		.75			.20	T.	.58						3.09
Marianna	Mississippi	.03								.17								.05				.70			.15			.30			.24		1.64
Marked Tree	Mississippi	.03									.18	.04			.25						.01	.80			.03		.50				T.		1.84
Marshall	White			.08						.13	.11			T.	.08		.33	.08	.02		.11	.75		.14	.14	.68	.20				.20		3.05
Mena	Ouachita	T.	T		.01					.01	.26				.17	.09		T.	.01	.06		.41			.15	T.	.96				.02		2.15
Morrilton	Arkansas				.21						T.				.50			T.		.60	.14	.91			T.	.15	.72				.30		3.53
Mountain Home	White		T.	.15						.20	.34			.03	.40			.20			.10	.60		.10	.10	.41					.13		2.76
Mount Ida	Ouachita									.04										.62		.40					1.32				.30		2.68
Newport	White	.09									.14									.04		.15			.02	.05	.71				.02		1.22
Norman	Ouachita		.10	T.						T					T.			.13		.55		.36		T.	.10	T.	1.00			T.	.12		2.36
Oden	Ouachita		T.	T.						T.										.21		.50				.25					1.85		2.31
Okay	Red									.05				T				.05	T.	.02		.14			.37	.12	.05			T.	.14		0.94
Osceola	Mississippi				.06						.49	.12										2.10			.05	T.	.45						3.27
Ozark	Arkansas									T.	84				.65				.01	.94		.58			.31	.80	.52				T.		4.65
Paragould	Mississippi				.04		T.				.20				.18				T.	T.		.24			T.	.05	1.27				.32		2.30
Parkin	St. Francis	.15									.23				.30							.80				.05	.37				.05		1.95
Patterson	White										.80								.20			.10					.91				.18		2.19
Piggott	Mississippi			.16		.01				.05	.32			.01	.08			T.				.75			.05	.31	.73				.06		2.53
Pine Bluff	Arkansas	.11									.02	T.			.01				.05	.05	T.	.01	T.		.19	.05	.02				.23		0.74
Pocahontas	White			.22						.06	.60							.05	.04			.20				.50	.80				.10		2.57
Portland	Ouachita	.21									.02								.08		.13	.28	.10		.16	.03					1.67		2.68
Prescott	Ouachita	.02									.03				.01	.07					.18	.16			.26	.02	.02				.36		1.18
Princeton	Ouachita																																....
Rison	Ouachita										.04				.11							.04			.38						.68		1.23
Rogers	White									.79	.75			.10				T.		.10	1.00	.04		.12	.35	.54					.18		3.97
St. Charles	White																																....
St. Francis	St. Francis	T.			.16						.56				T.				T.		T.	.84			T.	.08	.64				T.		2.28
Searcy	White	.11			.06						.03				.22				.14			.15			.04	.14	.75				.26		1.90
Springbank	Red	.04									.08				T.				.05	.08		.69	T.		.81	.04	.08			T.	.95		2.32
Story	Ouachita										.10			.18					.54	.48					.15		.42						1.87
Stuttgart	Arkansas	.14									.08		.03		.27				.16			.07			.08	.10	.28				.40		1.61
Sabiaco	Arkansas									.66	.12			.31	.04				.60	.65	.04	.60		.07	.08	.85	.14				.24		4.40
Texarkana	Red										.28								T.	.32		.35			.38	T.	.65				42		2.40
Thornburg	Arkansas		T.	.02						.05	29			.81	.75		T.	T.	2.38	.23		.44			.18	.32	.25				.80		5.50
Waldron	Arkansas									.37				.65			T.		.03	.02		.31			.09	.81				T.	.22		2.50
Warren	Ouachita	.10									.11	T.		T.	.05	T.	T.				T.	.20	.22		.12		T.				1.20		2.00
Waters	Ouachita																			.36		.41				1.89					.76		2.92
Whitecliffs	Red	T.									.12				T.				.27	.18	T.	.12		T.	.40	T	.06				.27		1.42
Wilson	Mississippi	.45									.45	.14										1.95				.05	.45						3.49
Winslow	Arkansas	T.	T.							.78	.30			.18		.01	T.	.48	.14	.24		.59		.18	.28	1.08	.03			T.	T.		4.29
Wynne	Mississippi										.03				T		T.			.27		.47				.37	.26				T		1.40
Yancopin	Arkansas	.11									.08			T.					T.		T.	.37	.13		.12	.03					.70		1.54

Daily River Stages for April, 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.3	9.5	9.5	9.6	9.6	9.0	8.3	7.9	7.7	7.5	7.3	7.3	7.8	8.2	7.9	7.4	7.3	7.5	7.7	7.5	7.6	9.3	9.6	10.6	10.3	12.8	14.0	13.3	12.2	11.0	
Ozark	do	22	7.9	6.8	6.1	6.1	6.1	6.0	5.6	4.9	4.4	4.3	4.3	4.2	4.1	4.5	4.9	4.6	4.1	4.0	4.2	4.6	4.6	5.0	5.8	6.4	7.0	8.8	11.0	12.0	11.7	8.3	
Dardanelle	do	20	10.7	9.9	9.0	8.7	8.6	8.5	8.3	7.7	7.7	7.2	7.2	7.0	7.0	6.9	7.2	7.4	7.1	6.8	6.9	7.3	7.8	7.3	8.0	8.5	9.1	10.4	12.6	18.3	12.5	11.5	
Little Rock	do	23	8.6	8.8	8.0	6.9	6.6	5.9	5.7	5.4	4.9	4.8	4.0	3.9	3.8	3.7	3.5	3.8	4.1	3.9	3.5	3.4	3.8	4.2	4.4	4.5	5.4	6.1	7.9	10.6	11.5	10.7	
Pine Bluff	do	25	12.0	13.3	13.1	12.4	11.4	10.8	10.1	9.9	9.8	9.5	9.0	6.9	8.7	8.7	8.5	8.4	8.6	8.8	8.6	8.4	8.8	8.7	9.0	9.2	9.5	10.4	11.0	13.1	15.0	15.1	
Yancopin	do	29	16.6	17.5	18.0	18.0	17.9	17.9	18.5	19.1	19.7	20.1	20.3	20.6	20.8	21.2	21.6	21.9	22.1	22.2	22.2	21.9	21.3	20.6	19.9	19.1	18.3	17.5	17.2	17.8	19.3	20.8	
Danville	Petit Jean	20	10.7	9.1	8.4	7.2	6.4	5.8	5.4	5.0	4.7	5.0	5.8	5.1	4.9	5.2	5.5	5.1	5.0	6.0	6.3	5.8	6.4	7.0	6.9	6.4	5.9	12.4	18.8	18.8	14.2	9.6	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	8.0	7.5	6.6	6.0	5.8	5.4	5.1	4.8	4.6	6.1	7.1	6.6	6.3	5.8	7.2	6.7	6.5	6.3	6.3	6.3	6.0	6.9	8.0	8.2	8.6	7.5	7.5	8.0	9.8	8.2	
Calico Rock	do	18	7.6	6.7	6.0	5.5	5.0	4.6	4.2	3.9	3.5	4.7	5.9	5.5	5.3	4.9	5.7	5.4	5.2	5.2	5.2	6.1	5.6	6.4	7.2	7.3	7.4	7.2	8.5	8.0	9.1	8.5	
Batesville	do	28	14.7	13.6	12.5	11.8	11.2	10.6	10.2	9.7	9.4	9.2	11.2	11.1	11.0	10.9	11.3	11.3	11.0	11.0	10.8	11.0	11.9	12.0	13.0	13.7	13.7	14.5	14.7	15.0	14.6	15.6	
Newport	do	26	16.9	16.7	16.0	15.0	13.9	12.8	11.8	10.8	10.0	9.0	9.3	11.0	11.1	11.0	10.6	11.0	10.8	10.5	10.4	10.0	10.6	11.0	11.4	12.4	12.9	13.4	14.5	15.4	15.4	15.7	
Georgetown	do	22	18.7	18.9	19.0	19.0	18.9	18.6	18.1	17.5	16.7	15.9	15.0	14.5	14.9	14.9	14.6	14.5	14.5	14.4	14.3	14.0	13.8	13.6	13.7	14.2	14.7	15.2	15.6	16.8	17.2	17.4	
De Valls Bluff	do	24	20.8	20.8	20.9	21.0	21.0	20.9	20.9	20.7	20.5	20.3	19.9	19.4	19.0	18.8	18.7	18.6	18.4	18.3	18.2	18.0	17.9	17.6	17.5	17.6	17.7	18.0	18.2	18.6	19.0	19.4	
Clarendon	do	30	24.6	24.6	24.7	24.8	24.8	24.9	24.9	24.9	24.8	24.6	24.4	24.1	23.8	23.4	23.1	22.8	22.5	22.3	22.1	21.9	21.6	21.4	21.2	21.0	21.0	21.1	21.1	21.2	21.4	21.7	
Gilbert	Buffalo	30	5.4	5.3	5.1	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.3	4.2	4.2	4.2	4.5	5.0	4.5	5.0	4.9	4.8	7.0	6.4	6.0	5.7	5.9	5.8	7.9	6.6	5.8	5.6	
Black Rock	Black	14	9.5	9.4	9.0	8.5	8.2	7.7	7.4	6.8	6.8	6.7	7.7	7.5	7.5	7.2	7.1	6.9	6.7	6.6	6.4	6.2	6.2	6.1	6.0	6.1	6.0	7.1	6.9	7.1	7.7	8.2	
Camden	Ouachita	30	22.0	21.2	19.7	16.3	15.0	13.4	12.3	11.5	11.1	11.0	11.0	10.6	10.0	8.4	7.6	8.3	8.0	7.2	7.0	6.9	6.7	6.5	7.2	7.1	6.4	6.2	6.1	7.0	7.0	7.0	
Fulton	Red	28	17.3	16.4	15.1	14.6	13.1	13.4	12.4	11.6	11.0	10.5	10.1	9.7	9.3	9.1	8.9	8.9	8.5	8.5	8.2	8.1	8.1	8.0	7.9	7.8	7.8	8.0	8.4	8.9	8.9	8.7	
Helena	Mississippi	44	11.6	12.2	14.2	17.3	20.3	22.8	24.4	25.5	26.2	26.9	27.6	28.3	29.0	29.6	30.1	30.7	30.3	30.0	29.2	28.2	27.0	25.6	24.1	22.6	21.4	20.3	19.3	18.5	18.4	19.4	
Arkansas City	do	48	17.6	17.8	18.3	19.6	21.6	24.1	26.2	27.8	28.8	29.5	30.2	30.8	31.3	31.8	32.5	32.9	33.2	33.6	33.2	33.0	32.4	31.6	30.6	29.5	28.3	27.0	26.0	25.0	24.4	24.5	

Daily temperatures for April, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	64	72	71	60	62	69	76	75	69	69	78	81	79	79	85	85	82	78	69	78	57	65	64	55	70	69	72	76	72	69		71.7
	Minimum	36	38	48	43	35	37	39	41	50	49	41	41	53	56	51	52	55	56	59	54	44	32	33	40	47	54	44	43	45	53		45.6
Bee Branch	Maximum	56	62	64	63	59	64	77	77	75	69	75	78	78	75	80	85	83	78	78	79	74	62	60	55	62	66	67	73	76	72		70.7
	Minimum	38	36	55	42	36	38	37	43	52	48	40	45	52	56	50	52	59	54	56	54	42	30	36	44	50	49	41	40	45	53		45.8
Bentonville	Maximum	55	62	59	43	55	63	75	77	61	69	75	76	70	76	79	80	74	77	75	70	46	57	53	52	62	60	62	71	74	61		65.6
	Minimum	34	42	43	32	29	31	45	50	46	42	43	49	54	56	52	54	55	55	57	40	36	29	39	41	49	41	35	39	49	52		44.0
Blytheville	Maximum	58	73	74	62	64	65	78	80	81	75	72	84	82	83	86	88	88	84	82	80	79	62	66	63	68	67	66	74	81	83		74.9
	Minimum	41	46	57	46	41	44	44	55	55	50	50	50	60	59	55	56	63	58	57	70	46	40	44	48	55	50	43	45	51	60		51.3
Booneville	Maximum	60	67	69	59	62	69	80	78	73	71	75	78	75	77	82	82	83	81	77	78	70	63	61	60	72	69	70	74	76	70		72.0
	Minimum	34	42	52	40	32	32	38	44	57	45	40	45	53	59	51	52	56	58	59	57	42	30	36	45	51	51	40	42	48	55		46.2
Brinkley	Maximum	59	71	73	62	61	65	76	76	74	68	75	81	81	82	85	90	84	84	79	81	74	64	66	63	71	69	67	74	82	73		73.7
	Minimum	39	39	61	45	40	35	38	52	52	59	41	44	56	59	50	53	56	53	56	57	45	32	34	46	51	55	41	39	41	55		47.5
Calico Rock§§	Maximum	59	63	64	58	61	67	81	80	69	70	76	80	75	75	84	86	81	76	80	81	54	63	61	58	61	65	66	74	81	61		70.3
	Minimum	35	36	38	40	37	29	31	34	40	48	38	39	43	47	49	47	48	52	53	56	42	31	34	37	45	49	35	37	38	43		41.0
Camden§§	Maximum	62	77	75	64	63	69	76	74	70	71	77	81	81	81	84	87	84	79	70	80	59	65	68	64	76	72	74	73	75	75		73.5
	Minimum	32	35	49	47	42	32	35	44	51	50	40	42	50	56	51	51	53	54	59	56	48	32	33	40	49	57	43	40	44	50		45.5
Center Point	Maximum	66	77	74	63	65	70	78	76	72	72	77	80	76	80	83	86	81	75	72	78	75	66	64	55	74	73	73	73	69	70		73.1
	Minimum	30	47	60	39	37	42	48	50	56	49	50	54	61	59	58	61	58	57	59	58	42	33	43	46	53	54	47	50	57	55		50.4
Conway	Maximum	59	70	73	64	62	66	80	79	76	72	76	80	74	76	83	88	84	82	80	82	74	63	64	57	70	71	69	73	80	72		73.3
	Minimum	39	39	61	44	37	35	39	45	56	50	42	45	54	59	52	53	59	54	58	58	44	35	37	46	46	52	43	43	47	55		47.6
Corning	Maximum	56	69	66	59	61	65	77	80	76	71	77	80	81	82	84	86	85	83	82	80	77	66	63	59	59	68	66	73	81	75		72.9
	Minimum	34	34	58	37	36	31	33	47	51	46	39	41	47	51	47	48	55	49	51	58	41	31	34	40	48	45	33	33	43	52		42.9
Dardanelle	Maximum	61	65	68	68	64	67	82	81	76	74	77	81	71	78	84	85	83	79	77	80	72	63	62	65	72	70	69	74	77	72		73.2
	Minimum	37	39	57	43	35	35	38	47	56	49	43	46	54	59	52	52	59	56	59	56	44	33	38	46	52	52	43	43	48	55		47.5
Dumas	Maximum	64	76	75	64	60	66	79	79	75	73	76	84	86	84	86	90	86	81	75	84	70	64	68	65	78	68	64	65	79	78		74.7
	Minimum	40	42	54	48	41	36	39	49	53	54	40	45	58	60	52	54	56	53	56	57	47	33	36	51	55	57	44	39	44	57		48.3
Dutton	Maximum	55	55	63	50	55	62	73	75	67	66	73	75	69	74	77	76	77	79	72	73	59	60	54	51	59	61	63	70	74	66		66.1
	Minimum	31	31	43	34	28	21	37	45	47	39	29	35	43	47	41	41	45	45	50	47	34	23	28	37	44	41	32	31	54	49		38.4
El Dorado	Maximum	65	73	76	69	62	70	77	76	71	70	76	82	82	82	83	87	86	80	73	78	76	64	68	65	77	73	72	75	75	73		71.5
	Minimum	35	46	64	49	43	40	42	50	54	52	45	48	60	59	55	56	60	63	60	59	46	35	41	50	57	59	47	45	53	56		51.0
Eureka Springs	Maximum	56	66	63	47	59	66	76	79	71	70	79	79	73	76	82	82	76	77	77	73	48	60	54	53	61	63	65	74	78	70		68.4
	Minimum	34	41	46	36	32	34	49	57	46	42	49	51	52	55	53	57	46	53	57	44	36	30	40	41	48	41	35	42	52	53		45.1
Fayetteville	Maximum	55	59	60	59	55	64	74	75	71	67	74	75	72	76	79	81	74	78	73	70	46	58	56	53	63	62	62	71	75	67		66.8
	Minimum	31	39	49	36	28	29	46	54	48	41	40	45	54	56	49	52	52	51	57	45	37	29	37	40	49	39	36	38	45	52		43.6
Fort Smith	Maximum	58	62	66	56	59	68	78	79	65	71	76	79	71	76	80	82	80	82	78	77	52	61	56	55	64	66	69	73	74	65		69.3
	Minimum	35	44	46	40	37	38	46	52	51	47	49	53	59	59	59	58	60	60	60	44	40	35	43	45	52	50	45	48	53	56		48.8
Gravette	Maximum	56	60	57	47	55	66	75	76	71	68	74	75	72	75	80	80	75	79	75	70	45	57	57	52	62	60	63	72	74	67		66.5
	Minimum	31	41	46	37	26	28	47	51	45	40	39	48	53	55	53	53	51	55	57	42	36	27	40	40	48	41	35	36	46	51		43.3
Helena	Maximum	57	72	72	65	60	64	76	77	77	70	74	82	82	80	84	88	87	83	78	80	71	61	64	69	72	75	66	72	72	74		73.5
	Minimum	37	43	58	45	37	35	43	50	53	53	42	55	61	57	52	53	57	53	57	60	46	31	40	48	55	53	44	39	45	55		48.6
Hope	Maximum	65	78	76	68	66	72	78	76	74	74	81	85	82	84	87	90	88	84	77	82	69	67	72	61	77	74	64	77	74	77		76.0
	Minimum	33	43	53	44	35	35	39	50	55	50	41	42	55	55	52	52	55	57	60	54	45	32	36	47	54	52	44	41	47	55		47.1
Hot Springs	Maximum	60	67	67	62	61	66	74	74	66	70	74	78	70	76	75	81	73	77	69	77	66	64	61	60	65	68	70	72	73	71		69.7
	Minimum	42	47	51	49	43	39	40	46	51	54	51	49	56	62	58	58	59	58	60	60	50	39	47	50	54	57	50	49	54	60		51.4
Jonesboro	Maximum	59	71	71	58	59	64	78	78	74	69	77	82	81	82	86	88	83	83	82	80	74	63	62	59	61	66	73	72	81	75		73.0
	Minimum	37	40	57	43	40	38	45	55	55	54	46	49	54	57	53	56	62	55	58	62	45	35	40	35	51	51	43	40	49	59		48.8
Lead Hill	Maximum	58	66	65	55	59	67	80	82	72	60	78	80	77	75	83	80	80	76	79	77	51	62	56	55	63	63	65	77	80	71		70.2
	Minimum	37	35	40	39	37	27	32	38	38	46	36	39	45	51	44	46	53	49	53	52	39	29	33	43	49	39	32	33	43	55		41.1
Little Rock	Maximum	58	72	73	56	58	65	76	76	67	68	74	78	73	78	81	85	84	80	74	80	55	61	61	56	70	67	66	71	77	72		70.4
	Minimum	41	46	51	44	38	44	45	52	56	50	50	55	60	60	59	55	63	57	60	49	44	39	43	47	52	54	47	48	55	56		50.8
Lutherville	Maximum	55	61	66	59	60	63	78	78	69	70	76	78	71	75	81	84	79	80	75	77	65	63	51	53	62	62	67	72	75	72		69.3
	Minimum	36	40	56	34	33	36	41	49	55	38	45	51	57	57	54	55	57	55	57	56	42	30	38	43	50	49	41	44	49	53		46.7
Magnolia	Maximum	63	76	76	69	68	69	77	74	72	70	76	81	79	82	85	88	84	79	75	80	69	64	67	64	78	73	72	73	74	75		71.4
	Minimum	34	49	64	40	34	35	43	49	55	51	43	53	60	59	53	53	57	61	60	55	46	34	39	50	57	55	47	47	51	57		49.7
Malvern	Maximum	65	73	75	65	65	70	73	77	70	73	79	83	75	81	81	88	84	81	74	80	74	66	68	59	73	73	74	77	77	75		74.4
	Minimum	35	39	63	34	38	34	36	44	56	50	40	41	52	57	52	53	55	58	60	56	45	32	35	47	52	54	43	40	45	56		46.7
Mammoth Spring	Maximum	53	67	62	63	58	68	80	79	75	69	78	79	78	79	83	85	79	79	79	80	75	64	61	65	59	67	65	70	78	72		71.6
	Minimum	35	38	53	43	36	31	33	43	51	42	39	42	42	53	49	49	58	51	51	58	43	32	41	44	51	43	36	35	43	51		44.0
Marianna	Maximum	58	70	75	62	65	65	75	77	74	67	75	81	81	81	84	87	84	81	80	80	77	62	62	62	71	71	71	73	77	74		73.4
	Minimum	39	40	60	46	37	37	42	49	50	52	44	47	47	60	53	55	60	56	59	59	46	36	39	48	54	45	45	42	47	57		48.4
Marshall	Maximum	56	57	62	62	55	63	74	72	72	68	76	76	75	73	79	82	79	70	71	72	70	60	60	53	60	61	63	71	74	74		68.0
	Minimum	37	41	50	39	35	29	37	45	55	48	38	42	52	54	46	48	53	49	54	58	29	29	33	42	51	47	34	35	43	53		43.5
Mena	Maximum	68	73	70	57	59	70	77	75	67	67	76	80	72	74	78	81	81	77	76	78	75	65	55	53	71	68	69	73	71	68		70.8
	Minimum	32	52	50	41	37	31	47	49	55	45	43	44	54	56	51	53	53	55	57	57	41	30	36	44	51	50	42	41	52	52		46.7
Mount Ida	Maximum	64	73	72	62	63	70	77	76	60	71	77	81	75	79	82	85	82	77	74	78	68	65	59	56	68	69	70	72	75	69		71.9
	Minimum	29	31	56	40	28	26	31	39	57	47	34	35	47	51	44	45	48	57	57	50	41	26	30	45	51	52	35	35	43	51		42.3
Newport	Maximum	58	65	70	61	59	65	77	77	73	69	77	81	77	83	87	89	80	82	80	80	70	63	63	57	65	66	66	72	80	70		72.1
	Minimum	38	39	58	44	40	38	38	49	54	51	42	45	51	57	51	53	60	54	58	57	45	35	37	45	52	50	41	39	44	56		47.4
Pine Bluff	Maximum	62	75	72	63	64	69	80	79	69	70	78	84	80	82	85	88	87	78	87	82	72	61	65	62	73	70	66	71	77	75		74.2
	Minimum	40	42	62	47	41	38	41	52	55	51	44	46	58	60	54	55	59	57	60	60	47	35	38	50	56	57	48	44	48	58		50.1
Pocahontas	Maximum	58	68	66	60	60	66	78	77	74	70	77	80	60	82	85	87	80	81	81	79	77	64	64	58	59	65	66	71	80	76		72.3
	Minimum	36	37	55	42	38	37	35	48	53	48	43	45	45	50	50	52	60	54	55	57	43	50	38	43	50	49	35	39	43	56		46.2
Portland	Maximum	64	72	72	70	61	70	77	77	75	71	74	82	80	81	85	90	90	79	79	83	77	64	65	76	80	75	74	74	77	77		75.8
	Minimum	39	43	64	50	43	37	39	46	52	51	43	49	60	57	52	55	56	55	58	57	50	35	37	50	55	62	56	41	47	56		49.9
Prescott	Maximum	64	78	77	69	65	70	79	76	73	71	79	82	81	78	85	85	85	79	76	81	76	65	66	61	77	77	73	74	72	73		75.0
	Minimum	34	43	63	44	38	44	41	48	55	50	42	48	55	56	53	54	56	57	56	54	45	34	36	46	54	54	47	43	51	51		48.4
Rison	Maximum	62	74	77	68	62	69	78	77	73	71	77	82	81	82	84	89	86	..	..	82	78	65	67	64	75	76	72	76	78	76		75.0
	Minimum	38	44	64	41	41	37	42	50	53	50	43	44	58	57	54	54	57	..	..	56	46	33	37	48	56	57	46	42	48	55		48.2
Searcy	Maximum	59	67	72	61	62	65	76	76	70	69	75	79	73	82	84	87	84	79	75	80	69	62	61	58	62	68	66	70	78	68		71.2
	Minimum	36	38	58	42	38	38	37	49	52	49	42	45	52	59	51	54	60	55	60	58	44	32	37	45	51	52	42	42	45	55		47.3
Stuttgart	Maximum	60	70	75	64	60	65	76	76	71	67	75	81	81	81	84	86	84	80	78	82	70	63	65	64	73	70	66	73	80	74		73.1
	Minimum	43	55	46	41	38	43	52	53	52	43	46	59	59	52	55	58	53	58	57	46	33	37	48	55	55	42	40	45	56	61		49.4
Texarkana	Maximum	65	80	76	67	66	70	77	74	75	72	78	81	77	83	83	87	85	80	77	80	74	65	65	59	76	72	72	73	71	76		74.5
	Minimum	31	47	60	40	34	33	36	41	53	45	47	45	57	52	55	57	52	52	57	50	41	29	39	45	44	50	43	44	46	52		45.9
Thornburg	Maximum	62	73	73	64	61	69	81	78	70	72	77	83	71	82	85	85	85	80	80	82	70	63	60	54	61	70	69	76	79	71		72.9
	Minimum	36	34	57	41	31	27	31	53	50	46	33	35	46	56	44	45	50	42	47	55	41	28	29	44	49	51	34	33	39	54		42.0
Warren	Maximum	60	76	75	74	60	67	76	77	74	67	77	82	81	79	84	88	87	92	78	83	75	61	67	64	72	76	80	76	77	76		73.4
	Minimum	35	43	64	49	42	40	40	51	54	52	43	50	60	58	54	56	61	57	59	60	45	34	37	49	55	59	45	42	49	55		50.0
Wilson	Maximum	57	68	70	58	60	63	75	77	76	67	74	80	81	81	85	83	80	83	81	78	74	60	63	60	64	65	64	70	79	71		71.6
	Minimum	37	38	56	40	38	34	40	51	52	50	40	45	54	53	49	50	54	52	54	61	45	33	38	42	42	52	38	40	47	58		46.1
Wynne	Maximum	68	68	71	59	57	64	67	76	73	67	64	81	80	82	84	87	85	83	82	80	66	61	64	59	68	65	64	70	80	74		71.6
	Minimum	37	42	55	44	45	35	43	49	32	50	42	50	61	55	52	51	55	53	55	54	45	32	38	48	53	51	41	38	41	55		47.1

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark .5-26-31-980

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVI LITTLE ROCK, ARK., MAY, 1931 No. 5

GENERAL SUMMARY

Temperature and precipitation for May 1931 were below normal, this being the coolest May since 1924 when the mean temperature was 64.6°, and the driest since 1926 when the average precipitation was 2.42 inches.

Temperatures were near normal the first four days of the month, but much cooler weather overspread the State on the 6th and 7th bringing freezing temperatures to some western and northwestern stations and light frosts to most of the northern half of the State on the 7th. Temperatures continued below normal until the 15th and were again below from the 19th to the 24th with light frost occurring in extreme northern counties on the 23d. The mean temperature for the State, as determined by the records of 61 stations, was 65.2° which is 3.9° below normal, all stations for which normals have been computed showing negative departures. Monthly means ranged from 58.6° at Dutton to 69.2° at Blytheville. The highest temperature recorded was 96° at Hope on the 27th; the lowest 27° at Dutton on the 7th. The greatest daily range was 45° recorded at Mount Ida on the 14th and at two other stations on later dates.

Although only 6 stations out of 65 with records of 10 years or more reported precipitation above normal, some stations in west-central and northwestern portions of the State reported as many as 12 and 13 rainy days and one 14, though the State average was only 8 which is one below normal. Rain was general over the State on the night of April 30th and May 1st and also on the 5th and 6th, the 19th and 20th, the 25th and 26th, and from the 29th to the 31st with the heaviest occurring either the 19th or 20th or on the 25th or 26th. The average precipitation for the State, based on the reports of 93 stations, was 3.45 inches which is 1.66 inches below normal. Monthly totals ranged from 0.74 inch at Hope to 6.18 inches at Danville with stations in the Ozarks, the east-central, and west-central portions receiving the heaviest rainfall and those in the Ouachita and St. Francis river basins and in counties in the southeastern portion the least. The greatest amount measured in any 24-hour period was 3.55 inches at Gravette on the 26th. Many stations in western and northwestern counties reported hail on either the 24th or 25th but the damage was confined mostly to areas near Magazine, Morrillton, and Plainview.

The weather was too cool for the growth of cotton during most of the month and considerable replanting was necessary. Chopping began in southern counties about the middle of the month and cultivation was well along in all portions by June 1st. Practically all of the corn crop was planted the first half of the month, but growth was slow and some had to be replanted. Cutworms did considerable damage. Wheat, winter oats, and hay crops yielded much better than usual. T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs		5					4																1				1	1	1		1
Light Hail																					1			1	7	1					
Moderate Hail																									2						
Heavy Hail																								1	2						
Thunderstorms	11	2	1		29	7		7										2	20	14	3	8			36	17	1	1	23	5	

Moderate Hail:—Freeman Springs, 25th, no damage.
Rogers, 25th, slight damage.

Heavy Hail:——Magazine, 25th, $5,000 damage.
Morrillton, 25th, $50,000 damage.
Plainview, 24th, no report on damage.

Killed by lightning. 1.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.94	30.30	23	29.55	8	3.170	17	w	9	......	......	75
Fort Smith	29.95	30.31	23	29.64	8	5.259	36	w	29	78	54	64
Little Rock	29.96	30.35	23	29.65	8	6,328	26	sw	5	76	53	70
Memphis	29.95	30.23	23	29.66	9	5,914	28	sw	10	73	50	65

COMPARATIVE DATA FOR MAY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	69.1		107		24		5.11		13	10	8	9
1891	67.0	−2.1	97	30	36	7	2.78	−2.33	15	9	7	7
1892	67.8	−1.3	95	4	36	22	9.52	+4.41	8	11	12	13
1893	68.6	−0.5	91	19	38	2	9.71	+4.60	14	8	9	11
1894	70.1	+1.0	95	27	35	20	3.40	−1.71	12	12	7	7
1895	69.0	−0.1	97	30	36	13	3.91	−1.20	13	11	7	8
1896	74.3	+5.2	98	8	46	2	3.54	−1.57	15	10	6	7
1897	68.3	−0.8	99	28	33	26	2.13	−2.98	17	9	5	5
1898	72.1	+3.0	100	29	30	7	6.41	+1.33	16	9	6	7
1899	72.9	+3.8	96	15	44	5	6.45	+1.34	10	12	9	10
1900	69.3	+0.2	97	15	37	4	3.69	−1.42	12	12	7	9
1901	68.2	−0.9	100	2	31	26	2.95	−2.16	12	13	6	7
1902	73.2	+4.1	100	22	42	1	4.34	−0.77	12	12	7	8
1903	67.5	−1.6	96	23	24	1	7.47	+2.36	9	11	11	12
1904	67.1	−2.0	98	23	31	12	3.39	−1.72	13	12	6	8
1905	70.7	+1.6	98	31	38	1	9.58	+4.47	9	11	11	12
1906	68.8	−0.3	100	30	28	9	4.71	−0.40	15	8	8	8
1907	63.8	−5.5	91	23	31	15	9.48	+4.37	7	13	11	13
1908	70.0	+0.9	96	23	30	8	7.05	+1.94	8	13	10	10
1909	67.0	−2.1	92	5	28	2	6.76	+1.65	14	9	8	10
1910	66.0	−3.1	95	30	31	7	6.56	+1.45	12	10	9	11
1911	70.8	+1.7	101	28	26	2	1.11	−4.00	19	10	2	3
1912	69.9	+0.8	98	24	32	17	2.41	−2.70	15	11	5	6
1913	69.3	+0.2	99	31	35	7	3.32	−1.79	16	10	5	7
1914	69.5	+0.4	97	31	34	9	3.34	−1.77	12	13	6	6
1915	69.9	+0.8	101	14	34	8	5.58	+0.47	12	9	10	9
1916	71.6	+2.5	99	28	34	16	3.56	−1.55	18	7	6	6
1917	63.5	−5.6	97	26	31	1	3.15	−1.96	15	7	9	6
1918	72.2	+3.1	102	30	29	1	3.01	−2.10	17	8	6	4
1919	66.8	−2.3	96	31	28	21	6.01	+0.90	9	9	13	12
1920	70.8	+1.7	96	24	39	14	8.17	+3.06	11	9	11	12
1921	69.7	+0.6	99	31	24	3	2.25	−2.86	18	8	5	5
1922	70.8	+1.7	100	11	40	1	5.00	−0.11	12	10	9	11
1923	67.2	−1.9	98	20	27	9	8.21	+3.13	11	8	12	12
1924	64.6	−4.5	94	18	30	11	4.64	−0.47	15	8	8	8
1925	68.0	−1.1	102	30	26	1	1.88	−3.23	17	7	7	4
1926	69.7	+0.6	107	29	29	15	2.42	−2.69	17	8	6	5
1927	71.7	+2.6	97	29	32	16	6.54	+1.43	12	9	10	9
1928	69.5	+0.4	98	10	34	8	3.60	−1.51	17	7	7	8
1929	67.6	−1.5	97	31	30	3	6.31	+1.20	9	9	13	13
1930	68.8	−0.3	95	27	37	21	10.06	+4.95	14	7	10	12
1931	65.2	−3.9	96	27	27	7	3.45	−1.66	15	7	9	8

Climatological Data for May, 1931

Stations	Counties	Elevation, feet	Length of record, years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	36	65.3^{b}	−4.3	90^{b}	28	40^{b}	7	35^{b}	3.32	−1.87	1.02	0.0	6	13^{b}	10^{b}	6^{b}	...	J. W. Campbell
Arkadelphia	Clark	250	35	...	...	...	...	...	...	...	2.57	−3.00	0.87	0.0	10	21	8	7	n.	W. K. Bown
Arkansas City	Desha	145	47	...	...	...	...	...	...	...	3.49	−1.18	1.65	0.0	7	16	6	9	...	Herbert Neff
Arlberg	Stone	700	9	...	...	...	...	...	...	...	3.41	...	1.78	0.0	5	14	6	11	se.	J. D. Reeves
Batesville	Independence	277	32	61.8	−5.1	88	16	37	7†	41	4.35	−0.65	1.79	0.0	8	18	4	9	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	64.4	−3.9	91	16	37	7	37	4.99	−0.14	1.80	0.0	12	12	7	12	s.	J. E. Scanlan
Bentonville	Benton	1303	26	61.4	−3.8	89	16	37	7	34	5.42	+0.49	2.48	0.0	9	21	4	6	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	...	1	...	...	...	...	...	...	...	1.50	...	0.86	0.0	6	22	0	9	...	Harry Johnson
Black Rock	Lawrence	259	29	...	...	...	...	...	...	...	3.69	−1.48	1.17	0.0	8	19	4	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	6	69.2	...	92	16†	44	11	32	1.07	...	0.56	0.0	9	11	6	14	s.	Charles Phillips, Jr.
Booneville	Logan	465	17	65.9	−4.1	92	16	36	7	38	3.65	−1.71	0.98	0.0	9	15	7	9	w.	F. H. Randolph
Brinkley	Monroe	205	41	65.8	−3.9	91	28	43	23†	38	4.34	−0.65	1.38	0.0	8	18	4	9	sw.	R. J. Torry
Calico Rock	Izard	361	27	62.5	−4.3	94	16	38	7†	45	2.39	−2.33	0.78	0.0	10	8	17	6	se.	W. J. Copp
Camden	Ouachita	158	46	66.4	−4.4	91	25†	39	13	41	1.58	−3.02	0.66	0.0	6	15	7	9	sw.	A. B. Quarterman
Center Point	Howard	470	32	67.4	−3.5	90	16†	38	7	35	2.18	−4.05	0.62	0.0	9	13	7	11	s.	John C. Floyd
Clarendon	Monroe	200	27	...	...	...	...	...	...	...	2.79	−2.16	1.08	0.0	10	15	8	8	sw.	J. W. Bishop
Clinton	Van Buren	516	10	...	...	...	...	...	...	...	4.29	...	3.29	0.0	6	13	8	10	sw.	A. L. Stephens
Conway	Faulkner	309	48	66.3	−3.1	90	28	38	10	36	4.79	−0.28	1.51	0.0	10	19	7	5	w.	E. E. Cordrey
Corning	Clay	293	38	63.5	−4.5	93	28	36	7†	41	3.14	−1.42	0.64	0.0	10	19	0	12	w	Winfred D. Polk
Cotter	Baxter	408	4	...	...	...	...	...	...	...	2.25	...	0.90	0.0	5	16	7	8	sw.	O. B. McSpadden
Crosset	Ashley	175	16	68.0	−3.7	92	28	46	13	37	3.38	−1.06	1.01	0.0	8	14	7	10	sw.	G. A. Gifford
Danville	Yell	327	15	...	...	...	...	...	...	...	6.18	+1.36	3.42	0.0	6	18	2	11	w.	C. G. Hudson
Dardanelle	Yell	330	45	66.9	−3.0	94	16	39	7	39	3.43	−1.98	1.10	0.0	9	12	11	8	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	...	...	...	...	...	...	...	4.86	...	1.65	0.0	6	24	2	5	...	H. G. Pate
Dumas	Desha	162	25	67.7	−3.5	93	26†	40	7	39	3.26	−2.12	1.50	0.0	8	12	15	4	n.	Ben Johnson
Dutton	Madison	1590	28	58.6	−5.0	87	16	27	7	42	5.01	−1.28	2.06	0.0	10	13	12	6	s.	J. M. Ricketts
El Dorado	Union	270	30	63.2	−3.0	90	28	44	7	34	3.37	−1.53	1.65	0.0	9	12	7	12	s.	J. J. Babb
England	Lonoke	229	24	66.2	−3.6	89	28	41	7	36	4.80	+0.46	1.88	0.0	10	18	7	6	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	62.6	−3.9	89	16	37	7	33	4.86	−0.91	1.30	0.0	13	11	10	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	62.4	−3.9	90	16	35	7	37	4.34	−1.13	2.42	0.0	13	14	8	9	s.	University of Arkansas
Fort Smith	Sebastian	457	50	65.5	−4.1	90	16	41	7	31	4.35	−0.47	1.19	0.0	11	12	10	9	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2210	7	...	...	...	...	...	...	...	4.61	...	2.06	0.0	9	15	5	11	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	15	...	...	...	...	...	...	...	3.03	−1.68	1.83	0.0	8	17	9	5	...	T. J. Logan
Georgetown	White	200	19	...	...	...	...	...	...	...	3.99	−0.74	1.04	0.0	8	19	4	8	...	W. R. Owens
Gilbert	Searcy	675	8	...	...	...	...	...	...	...	5.34	...	1.74	0.0	8	12	11	8	...	Ben F. Battenfield
Grannis	Polk	900	12	62.4	−4.7	89	26	32	7	41	2.31	−4.10	0.83	0.0	8	14	8	9	e.	W. E. McVay
Gravette	Benton	1250	34	62.0	−3.4	90	16	32	7	37	5.92	+0.38	3.55	0.0	8	10	11	10	sw.	A. F. Stevens
Harrison	Boone	1052	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Dan Robertson
Helena	Phillips	250	59	66.6	−4.2	92	29	42	12	34	3.23	−1.47	1.08	0.0	9	7	12	12	ne.	James A. Burnett
Higden	Cleburne	445	13	...	...	...	...	...	...	...	6.00	−0.30	1.91	0.0	11	12	8	11	w.	Geo. W. Baker
Highland	Pike	...	2	68.0	...	90	28	42	8	38	2.48	...	1.28	0.0	10	14	12	5	s.	Tom W. Stewart
Hope	Hempstead	377	60	68.1	−3.1	96	27	39	7	40	0.74	−4.51	0.43	0.0	5	19	6	6	se.	N. P. O'Neal
Hot Springs	Garland	600	40	68.4	−1.2	87	28	47	7	25	2.83	−3.16	0.78	0.0	7	12	16	3	...	G. C. Bolton
Index ‡‡	Little River	275	6	...	...	...	...	...	...	...	1.64	...	0.42	0.0	9	13	8	10	...	H. G. Sanderson
Jessieville	Garland	750	5	...	...	...	...	...	...	...	2.65	...	1.30	0.0	7	12	6	11	...	U. S. Forest Service
Jonesboro	Craighead	345	36	65.7	−3.8	90	28†	42	7	35	2.23	−2.12	0.86	0.0	8	16	11	4	sw.	Benedictine Sisters
Junction ‡‡	Union	182	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	J. A. Lowderback
Lead Hill	Boone	650	1	61.9	...	94	16	32	7	45	3.76	...	1.90	0.0	9	15	4	12	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	66.0	−4.3	88	16	46	7	27	2.07	−2.71	0.62	0.0	11	9	13	9	sw.	U. S. Weather Bureau
Larton	Newton	2100	6	59.3^{c}	...	85^{c}	16	36^{c}	7	32^{c}	4.80	...	2.00	0.0	10	14^{c}	7^{c}	7^{c}	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	64.3	−3.6	91	16	37	7	35	3.89	−1.26	1.12	0.0	12	13	7	11	e.	H. G. Lenhardt
Madison	St. Francis	...	1	...	...	...	...	...	...	...	2.09	...	0.92	0.0	7	20	3	8	...	William G. Hager
Magnolia	Columbia	315	12	67.6^{a}	−3.9	92^{b}	28	43^{a}	7	35^{b}	1.68	−3.[illegible]3	0.58	0.0	7	15^{a}	7^{a}	8^{a}	w.	State Agri. School
Malvern	Hot Springs	277	14	66.7	−2.9	92	28	40	7	39	3.95	−0.84	1.95	0.0	10	21	5	5	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	26	62.1	−3.9	91	16	38	23	37	4.28	−0.31	1.40	0.0	6	16	6	9	nw.	S. F. Whittaker
Marianna	Lee	235	19	67.0	−3.5	90	27	46	23†	35	2.79	−1.76	0.85	0.0	10	15	12	4	s.	C. N. Houck
Marked Tree	Poinsett	229	26	65.0	−4.0	91	28	41	7	42	2.24	−2.94	1.06	0.0	7	16	12	3	n.	Charles Walton
Marshall	Searcy	1070	17	62.1	−4.8	91	16†	34	7	38	4.25	−2.60	1.62	0.0	10	10	10	11	s.	A. J. Parks
Mena	Polk	1185	43	65.0	−3.8	89	16	38	7	35	4.97	−1.43	0.91	0.0	11	15	8	8	sw.	E. W. St. John
Morrillton	Conway	347	10	65.6	...	90	16	43	7	34	4.91	...	3.05	0.0	5	17	5	9	nw.	John Cook
Mountain Home	Baxter	800	17	62.2	−4.0	93	16	36	7	39	3.60	−2.08	1.55	0.0	7	17	2	12	w.	B. S. Halbert
Mount Ida	Montgomery	650	32	64.9	−3.4	89	16†	33	10	45	3.04	−2.95	1.22	0.0	5	14	5	12	nw.	G. A. Whittington
Newport	Jackson	231	17	65.2	−4.8	89	16†	41	7	37	3.41	−0.94	1.51	0.0	12	14	8	9	n.	J. D. Henderson
Norman	Montgomery	750	4	...	...	...	...	...	...	...	3.07	...	1.05	0.0	4	13^{a}	9^{a}	8^{a}	...	U. S. Forest Service
Oden	Montgomery	800	5	...	...	...	...	...	...	...	2.70	...	1.50	0.0	5	12	9	10	sw.	U. S. Forest Service
Okay	Howard	288	2	67.2	...	89	16†	38	7	42	2.48	...	0.66	0.0	9	16	9	6	s.	Charles R. Jackson
Osceola	Mississippi	240	33	67.0	−2.7	92	17†	42	7	35	2.11	−2.99	1.14	0.0	7	8	20	3	s.	June Thomason
Ozark	Franklin	396	35	65.0	−4.6	93	16	36	7	39	4.71	−0.78	1.60	0.0	11	22	0	9	se.	Orkney O. Milton
Paragould	Green	301	5	...	...	...	...	...	...	...	1.87	...	1.28	0.0	5	19	5	7	se.	W. R. Heagler
Parkin	Cross	...	1	...	...	...	...	...	...	...	2.00	...	0.65	0.0	7	19	5	7	...	P. D. Roberts
Patterson	Woodruff	196	15	...	...	...	...	...	...	...	5.59	+0.67	1.92	0.0	5	25	0	6	s.	W. E. Baker
Piggott	Clay	307	7	...	...	...	...	...	...	...	2.91	...	1.03	0.0	13	18	5	8	sw.	V. C. Wright
Pine Bluff	Jefferson	215	44	67.2	−4.2	89	28	44	7	33	3.47	−1.23	1.04	0.0	10	14	11	6	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	28	64.2	−4.4	90	16†	39	7	38	4.59	−0.26	0.85	0.0	8	10	6	15	sw.	Benedictine Sisters
Portland	Ashley	122	25	68.3	−3.3	93	28	46	21	38	2.08	−3.72	0.66	0.0	10	12	19	9	sw.	W. E. Edmiston
Prescott	Nevada	329	33	67.8	−3.2	92	28	40	8	38	2.61	−2.39	1.89	0.0	8	18	8	5	s.	Craig Williams
Princeton	Dallas	287	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mrs. Dora Coleman
Rison	Cleveland	243	30	67.3^{a}	−3.7	94^{a}	29	42^{a}	7	34^{a}	4.23	+0.15	1.66	0.0	8	16^{a}	8^{a}	6^{a}	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	62.1	−3.7	91	16	33	7	41	4.33	−1.06	1.25	0.0	10	15	4	12	w.	Carl A. Starck
Saint Charles	Arkansas	175	2	...	...	...	...	42	7	...	2.58	...	1.10	...	3	16^{c}	6^{c}	4^{c}	s.	Ballard Deane
Saint Francis	Clay	290	3	...	...	...	...	...	...	...	2.92	...	0.98	0.0	7	21	4	6	...	S. T. Rooney
Searcy	White	236	22	64.4	−4.1	87	16†	41	7	34	4.52	−0.02	1.35	0.0	8	20	1	10	nw.	Arthur D. Smith
Springbank ‡‡	Miller	210	24	...	...	...	...	...	...	...	3.08	−1.59	1.92	0.0	7	14	2	15	...	Miss Grace Field
Story	Montgomery	700	7	...	...	...	...	...	...	...	4.05	...	1.50	0.0	9	20	4	7	nw.	S. C. Story
Stuttgart	Arkansas	228	44	66.7	−3.1	94	28	44	6	30	4.12	−0.68	1.58	0.0	8	15	8	8	n.	Adam F. Buerkle
Subiaco	Logan	1050	34	66.0	−3.8	93	16	40	7	38	3.77	−1.66	1.33	0.0	11	11	6	14	s.	New Subiaco Abbey
Texarkana	Miller	332	45	67.0	−4.6	90	26†	38	7	38	1.94	−2.62	0.75	0.0	7	16	3	12	s.	H. S. Brashear
Thornburg	Perry	650	7	63.0	...	89	16	32	7	44	2.79	...	0.83	0.0	13	14	10	7	s.	Edward E. Holmes
Waldron	Scott	675	12	...	...	...	...	...	...	...	3.41	−2.07	0.74	0.0	8	9	9	13	sw.	Dr. Cheves Bevill
Warren	Bradley	206	37	69.0	−2.2	93	25†	44	7	41	3.05	−1.65	1.15	0.0	8	14	14	3	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	...	...	...	...	...	...	...	2.79	...	1.21	0.0	4	16	6	9	sw.	J. R. Huddleston
Whitecliffs	Little River	290	27	...	...	...	...	...	...	...	3.58	−1.20	1.09	0.0	9	15	7	9	se.	Nannie O. Schirmer
Wilson	Mississippi	237	6	65.6	...	91	27†	41	7	36	2.24	...	1.00	0.0	10	22	2	7	s.	M. W. H. Collins
Winslow	Washington	1734	16	59.6	−5.1	87	16	31	7	35	5.86	−1.84	1.76	0.0	14	17	3	11	s.	J. D. Black
Wynne	Cross	250	23	65.0	−4.4	90	27	41	23	35	2.08	−2.86	0.63	0.0	5	19	6	6	s.	R. T. Cobbs
Yancopin	Desha	167	7	...	...	...	...	...	...	...	3.05	...	1.41	0.0	8	12	9	10	...	W. E. Barton
State Means				65.2	−3.9	96	27	27	7	45	3.45	−1.66	3.55	0.0	8	15	7	9	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manila; Freeman Springs, Dover; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m.

Daily Precipitation for May, 1931

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	1.02	.88	....	....	....	.58	....	....	....	....	....	....	....	....	....	....	....	....	....	.46	....	....	....	....	....	....	....	....	....	.29	.09	3.32
Arkadelphia	Ouachita	.47	....	....	....	....	.87	.02	....	.02	....	....	....	....	10	....	....	....	....	.03	.12	....	....	....	....	....	....	....	....	.46	.03	.45	2 57
Arkansas City	Mississippi	.07	....	....	....	....	1.65	.05	....	.24	....	....	....	....	T.	....	....	....	....	T.	1.15	.25	....	....	....	....	....	....	....	....	....	.08	3.49
Arlberg	White	....	....	....	....	.48	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	.58	....	....	....	....	1.78	....	....	....	....	.12	....	3 41
Batesville	White	.31	T.	....	....	....	.57	....	....	.08	....	....	T.	T.	....	....	....	....	....	T.	1.79	....	....	....	....	....	1.09	....	....	.05	.28	.18	4.35
Bee Branch	Arkansas	.41	....	....	....	.02	26	....	....	02	....	....	....	T.	....	....	....	....	....	.53	.32	....	.17	....	....	.24	1.80	....	....	1.02	.10	.10	4.99
Bentonville ***	Arkansas	15	....	....	....	1.04	T	....	T.	T.	....	.05	....	T.	....	....	....	....	.07	.92	....	.12	....	....	....	2.48	....	....	....	.20	.39	....	5.42
Big Lake Outlet	St. Francis	.09	....	....	....	....	07	.12	....	....	....	....	....	....	....	....	....	....	....	T.	86	....	....	....	....	.26	....	....	....	....	.10	....	1.50
Black Rock	White	.70	....	....	....	....	.39	.04	....	....	....	....	T.	....	....	....	....	....	....	....	1 17	....	.07	....	....	....	.25	....	....	....	83	.24	3 69
Blytheville	Mississippi	.06	02	....	....	....	.02	.08	....	....	T.	....	.08	T.	....	....	....	....	....	T.	.56	02	....	....	....	....	.06	....	....	....	T.	.17	1.07
Booneville	Arkansas	.37	....	....	....	98	T.	....	T.	....	....	....	....	T.	....	....	....	....	....	.60	.22	....	.21	....	....	T.	54	....	....	.50	.16	.07	3.65
Brinkley	White	1 38	....	....	....	....	.66	.03	....	04	....	....	....	....	....	....	....	....	....	02	.98	....	....	....	....	....	1.13	....	....	....	.10	....	4.34
Calico Rock	White	.11	T.	....	....	....	.67	T.	....	T.	....	....	.02	.01	....	....	....	....	....	T.	44	....	.04	....	....	....	.78	....	....	.15	.02	.15	2.39
Camden	Ouachita	....	.02	....	....	....	.19	....	....	.05	....	....	....	....	....	....	....	....	....	....	.66	....	....	....	....	....	....	....	....	.47	....	.19	1.58
Center Point	Red	51	.02	....	.02	.42	.04	....	.03	....	....	....	....	....	....	....	....	....	....	.43	.09	....	....	....	....	....	....	....	....	....	.62	....	2.18
Clarendon	White	1.07	....	....	....	....	.25	05	....	....	....	....	....	.01	....	....	....	....	....	.02	1.08	....	....	....	....	....	.18	....	....	.02	.07	.04	2.79
Clinton	White	.02	....	....	....	.22	....	....	....	....	....	....	....	....	....	....	....	....	....	51	....	....	....	....	....	3.29	....	....	....	.08	.17	....	4.29
Conway	Arkansas	.83	....	....	....	.14	.19	....	....	....	....	....	....	.02	....	....	....	....	....	39	.50	....	....	....	....	.11	1.51	....	....	1.08	.02	....	4.79
Corning	White	.48	.22	....	....	....	.36	.12	....	....	....	....	T.	....	....	....	....	....	....	.59	.10	....	.05	....	....	....	.53	....	....	....	.64	.05	3.14
Cotter	White	.18	....	....	....	....	.90	....	....	....	....	....	T.	....	....	....	....	....	....	T.	.51	....	....	....	....	....	.34	....	....	....	T.	.32	2.25
Crossett	Ouachita	T.	....	1.01	....	....	1.00	.10	....	.27	....	.03	....	....	....	....	....	....	....	.30	.62	T.	....	....	....	....	....	....	....	....	....	.05	3.38
Danville	Arkansas	1.41	....	....	....	....	.23	....	....	....	....	....	....	....	....	....	....	....	....	....	.67	....	....	....	....	....	3.42	....	....	....	.15	.30	6.18
Dardanelle	Arkansas	.85	.02	....	....	....	.39	T.	....	....	....	....	....	....	....	....	....	....	....	.10	.48	....	.15	....	....	....	1.10	....	....	....	.17	.17	3.43
De Valls Bluff	White	1.65	....	....	....	....	1.34	....	....	T.	....	....	....	....	....	....	....	....	....	.10	1 00	....	....	....	....	....	.59	....	....	....	.18	T.	4.86
Dumas	Mississippi	.06	.42	....	....	....	.72	.02	....	.12	....	....	....	....	.04	....	....	....	....	.38	1.50	....	....	....	....	....	....	....	....	....	....	....	3.26
Dutton	White	.26	....	....	....	.53	.17	....	.01	....	....	T.	....	T.	....	....	....	....	....	1.08	....	....	T	....	....	.30	2.06	....	....	.03	.55	.02	5.01
El Dorado	Ouachita	....	....	.32	....	....	1.65	.12	....	.05	....	.05	....	....	....	....	....	....	....	08	.87	....	....	....	....	....	....	....	....	10	....	.13	3.37
England	Arkansas	1.88	....	....	....	.28	....	....	.06	.04	....	....	....	T.	....	....	....	....	....	1 10	.19	....	....	....	....	T	.35	....	....	.73	.05	.12	4.80
Eureka Springs	White	.19	....	....	....	.54	.07	....	.03	....	....	.07	....	....	....	....	....	....	....	.70	....	.03	.07	....	....	.30	1.30	76	....	.22	.58	....	4.86
Fayetteville	White	.06	....	....	....	.47	.03	....	.02	....	....	.02	....	.01	....	....	....	....	.03	.59	T.	.17	.07	....	....	....	2.42	....	....	T.	.43	.02	4.34
Fort Smith ***	Arkansas	.02	....	....	....	89	T.	....	.02	....	....	....	....	T.	....	....	....	....	.24	95	.01	.09	....	....	....	.63	.15	....	....	.92	.43	....	4.35
Freeman Sprgs.	Arkansas	.24	....	....	....	....	.57	....	....	.04	....	....	T.	....	T.	....	....	....	....	.42	.68	....	.11	....	....	....	2.06	....	....	....	.09	.40	4.61
Fulton	Red	.11	....	1.83	....	T.	.63	T.	....	.02	....	T.	....	....	....	....	....	....	....	.13	.21	....	....	....	....	....	....	....	....	....	.02	.08	3.03
Georgetown	White	1.04	....	....	....	....	.93	.06	....	....	....	....	....	....	....	....	....	....	....	04	.85	....	....	....	....	....	.82	....	....	....	.16	.09	3.99
Gilbert	White	.34	....	....	....	....	1.07	.04	....	....	....	....	.07	....	T.	....	....	....	....	T.	.63	....	.05	....	....	....	1.74	....	....	....	.10	1.30	5.34
Grannis	Red	.40	.06	....	....	.82	.03	....	.06	....	T.	....	....	....	....	....	....	....	T.	.83	....	....	....	....	....	....	T.	T.	....	T.	.09	.02	2.31
Gravette	Arkansas	.02	....	....	....	.71	T	....	T.	....	....	.05	....	T	....	....	....	....	.09	1.00	....	.11	....	....	....	....	3.55	....	....	T.	.89	....	5.92
Harrison	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	1.08	.14	....	....	....	.60	.23	....	.04	....	....	....	....	....	....	....	....	....	.06	1.04	....	....	....	....	....	T.	....	....	....	.03	.01	3 23
Higden	White	.18	....	....	....	.50	.19	....	....	....	....	T.	....	....	....	....	....	....	....	.87	32	....	.04	....	....	1.21	1.91	....	....	.48	.22	.08	6.00
Highland	Ouachita	1.28	.06	.02	.04	.34	.03	....	.13	....	....	....	....	....	....	....	....	....	.02	.44	....	....	....	....	....	....	....	....	....	....	.12	....	2.48
Hope	Red	.04	....	....	T.	.43	T.	....	.03	....	....	....	....	....	....	....	....	....	....	.12	....	....	....	....	....	....	....	....	....	T.	.12	....	0.74
Hot Springs	Ouachita	18	....	....	....	.65	....	....	....	....	....	....	....	....	....	....	....	....	....	.78	....	....	....	....	....	.74	.10	....	....	.24	.14	....	2.83
Index	Red	.08	....	....	....	.22	.42	.02	....	.04	....	....	....	....	....	....	....	....	....	.40	.10	....	....	....	....	....	....	....	....	....	.02	.34	1.64
Jessieville	Ouachita	....	....	....	....	.50	....	....	.19	....	....	....	....	....	....	....	....	....	.02	....	.04	....	....	....	....	1.30	....	....	.20	....	.40	....	2.65
Jonesboro	White	.42	....	....	....	....	.03	.10	....	....	....	....	.02	....	....	....	....	....	....	T.	.86	.03	....	....	....	....	.25	....	....	....	.52	....	2.23
Junction	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lead Hill	White	.14	....	....	....	.59	.40	....	T.	T.	....	.08	....	T.	....	....	....	....	....	.42	....	.02	....	....	....	1.90	....	....	....	.08	.13	....	3.76
Little Rock ***	Arkansas	.01	....	....	....	.45	.04	....	T.	....	....	T.	....	.12	....	....	....	....	T.	.58	....	....	....	....	....	.57	.05	....	.07	.09	.07	.02	2.07
Lurton	White	....	....	....	....	.39	.05	....	.04	....	....	....	T.	.08	....	....	....	....	....	1.16	.16	....	.19	....	2.00	....	.08	....	....	....	.65	....	4.80
Lutherville	Arkansas	.06	....	....	....	.44	.15	....	10	....	....	T	....	.10	....	....	....	....	....	1.12	.17	....	.15	....	....	.23	85	....	....	T.	.42	.10	3.89
Madison	St. Francis	33	....	....	....	....	.40	.05	....	.03	....	....	....	....	....	....	....	....	....	.04	.92	....	....	....	....	....	.32	....	....	....	....	....	2.09
Magnolia	Red	....	....	....	.17	.58	....	....	....	.15	....	....	....	....	....	....	....	....	....	.30	.20	....	....	....	....	....	....	....	....	.08	....	.20	1.68
Malvern	Ouachita	1 95	.22	....	....	....	.35	.02	....	.02	....	....	....	....	....	....	....	....	....	.02	.87	....	....	....	....	....	.02	....	....	.26	....	.22	3.95
Mammoth Spg.	White	T.	....	....	....	....	1 40	....	....	T	....	....	....	....	....	....	....	....	....	T.	.98	....	....	....	....	....	.90	....	....	.60	.10	.30	4.28
Marianna	Mississippi	.85	....	....	....	.15	.11	10	....	.02	....	....	....	....	....	....	....	....	....	.70	.15	....	....	....	....	.05	....	....	....	.60	.06	....	2.79
Marked Tree	Mississippi	.57	....	....	....	....	.23	.05	....	....	....	....	....	....	....	....	....	....	....	....	1.06	....	....	....	....	....	.26	....	....	....	.01	.06	2.24
Marshall	White	.10	....	....	....	.21	.90	....	....	....	....	....	T.	T.	....	....	....	....	....	.42	.23	....	.03	....	....	1.62	.23	....	....	....	.45	.06	4.25
Mena	Ouachita	.75	.58	.60	....	.34	.53	T.	....	.04	....	....	....	....	....	....	....	....	....	.73	.14	....	....	....	....	....	.91	....	....	....	.03	.32	4.97
Morrillton	Arkansas	.65	....	....	....	....	.52	....	....	....	....	....	....	....	....	....	....	....	....	....	.44	....	....	....	....	....	3.05	....	....	....	T.	.25	4.91
Mountain Home	White	T.	....	....	....	.18	.78	....	....	T.	....	.09	....	....	....	....	....	....	....	.38	.12	....	....	....	1.55	....	....	....	T.	50	....	....	3.60
Mount Ida	Ouachita	.54	....	....	....	.41	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	1.22	....	....	....	....	.17	....	3.04
Newport	White	.33	....	....	....	....	.51	.04	....	.01	....	....	.02	.03	....	....	....	....	....	.02	1.51	....	.02	....	....	....	.53	....	....	....	.31	.08	3.41
Norman	Ouachita	1.00	....	....	....	.50	T	....	T	....	....	....	....	....	....	....	....	....	....	....	1.05	....	....	....	....	....	T.	....	....	....	.52	....	3.07
Oden	Ouachita	.35	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	.35	....	....	....	....	....	1.50	....	....	....	....	....	2.70
Okay	Red	.66	.08	....	....	.58	.12	T	.04	....	....	....	....	....	....	....	....	....	T.	.18	.61	....	....	....	....	....	....	....	....	....	.16	.05	2.48
Osceola	Mississippi	.10	T.	....	....	....	.10	10	....	T.	T.	....	.03	T.	....	....	....	....	....	....	1.14	T.	....	....	....	....	.57	....	....	....	....	.07	2.11
Ozark	Arkansas	.15	....	....	....	....	.45	....	....	02	....	....	....	....	.02	....	....	....	....	.32	.66	....	.15	....	....	....	1.60	.47	....	....	.42	.45	4.71
Paragould	Mississippi	....	....	....	....	....	.20	....	....	....	....	....	.05	....	....	....	....	....	....	....	1.28	....	....	....	....	....	.20	....	....	....	T.	.14	1.87
Parkin	St. Francis	.40	....	....	....	....	.57	.09	....	....	....	....	....	....	....	....	....	....	....	.12	.65	....	....	....	....	....	.12	....	....	....	....	.05	2.00
Patterson	White	1.02	....	....	....	....	.98	....	....	....	....	....	....	....	....	....	....	....	....	....	1.92	....	....	....	....	....	1.05	....	....	....	.62	....	5.59
Piggott	Mississippi	.51	....	....	....	.01	.31	....	....	....	....	.05	.02	.02	....	....	....	....	....	1.03	.06	....	.01	....	....	.14	....	....	....	.16	.47	.12	2.91
Pine Bluff	Arkansas	.97	.03	....	....	....	53	.01	....	.11	....	T.	....	....	....	....	....	....	....	.23	1.04	....	....	....	....	....	....	....	....	.11	40	.04	3.47
Pocahontas	White	.34	....	....	....	.50	.83	....	....	....	....	....	....	....	....	....	....	....	....	.85	.17	....	....	....	....	.67	....	....	....	.80	.48	....	4.59
Portland	Ouachita	.07	....	....	....	....	.66	.08	....	.10	....	.04	....	....	....	....	....	....	....	.09	.65	.21	....	....	....	....	....	....	....	.04	.14	....	2.08
Prescott	Ouachita	1.89	....	....	....	....	.45	.02	....	.03	....	....	....	....	....	....	....	....	....	.02	.03	....	....	....	....	....	....	....	....	....	.01	.19	2.64
Princeton	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rison	Ouachita	.04	.80	....	....	....	.40	....	....	.07	....	....	....	....	....	....	....	....	....	.50	1.66	....	....	....	....	....	....	....	....	....	.68	.08	4.23
Rogers	White	....	....	....	....	.92	....	....	.06	....	....	.05	....	....	....	....	....	....	.02	.69	....	.08	....	....	....	.75	1.25	....	....	.07	.44	....	4.33
St. Charles	White	1.08	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	....	....	1.10	....	....	....	....	....	....	....	....	....	....	....	....	....	2.58
St. Francis	St. Francis	.64	.32	....	....	....	.21	T.	....	....	T	....	.08	....	T	....	....	....	....	T.	.98	....	....	....	....	....	.24	....	....	....	.42	T.	2.92
Searcy	White	.62	....	....	....	....	.84	.06	....	T.	....	....	....	....	....	....	....	....	....	.10	1.35	....	....	....	....	....	1.17	....	....	....	.25	.13	4.52
Springbank	Red	....	T.	....	....	T.	1.92	.12	....	.07	....	.15	....	....	....	....	....	....	....	.07	20	....	....	....	....	....	....	....	....	....	T.	.55	3.08
Story	Ouachita	1.50	.34	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	....	.05	.50	....	....	....	....	....	.60	.70	....	....	....	.12	.12	4.05
Stuttgart	Arkansas	1.58	....	....	....	....	.34	.04	....	....	....	....	....	....	....	....	....	....	....	.08	1.45	....	....	....	....	....	.09	....	....	....	.50	.04	4.12
Subiaco	Arkansas	.24	....	....	....	.55	.03	....	.07	T.	....	T.	....	T.	....	....	....	....	....	.68	.13	....	.14	....	....	.11	1.83	....	....	T.	.48	.01	3.77
Texarkana	Red	.06	....	....	....	T.	.75	.06	....	.12	....	T.	....	....	....	....	....	....	....	.41	.12	....	....	....	....	....	....	....	....	....	T.	.42	1.94
Thornburg	Arkansas	.83	....	....	....	.35	.02	....	01	.02	....	....	....	.08	....	....	....	....	....	.09	.34	....	....	....	....	.13	.47	....	....	.18	.25	.02	2.79
Waldron	Arkansas	.42	....	....	T.	.53	.01	....	T	....	....	....	....	....	....	....	....	....	T.	.54	.30	....	.12	....	....	....	.74	....	....	....	.72	....	3.41
Warren	Ouachita	.05	....	....	....	....	.65	.05	....	T.	....	....	....	....	T.	....	....	....	....	.55	1.15	....	....	....	....	....	T.	....	....	.10	.27	.23	3.05
Waters	Ouachita	....	....	....	....	....	.85	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	1.21	....	....	.12	....	....	2.79
Whitecliffs	Red	1.09	.12	T.	T.	.06	.82	.04	T.	.10	....	....	....	....	....	....	....	....	....	.32	.80	....	....	....	....	....	....	....	....	....	T	.23	3.58
Wilson	Mississippi	.32	.03	....	....	....	48	.06	....	.06	....	....	T.	T.	....	....	....	....	....	.05	1.00	.05	....	....	....	....	.12	....	....	....	....	.07	2.24
Winslow	Arkansas	.63	....	....	....	1 11	.03	....	.03	.01	....	.02	....	.03	....	....	....	....	.01	1.50	.03	.08	....	....	....	....	1.76	....	....	T.	.60	.02	5.86
Wynne	Mississippi	.63	....	....	....	....	.57	....	....	....	....	....	....	....	....	....	....	....	....	T.	.48	....	....	....	....	....	.20	.20	....	....	....	....	2.08
Yancopin	Arkansas	.54	....	....	....	....	.51	.02	....	.20	....	....	....	....	T.	....	....	....	....	.30	1.41	.02	....	....	....	....	....	....	....	....	....	.05	3.05

Daily River Stages for May, 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.5	10.6	10.0	9.4	8.9	9.7	10.3	10.6	9.7	9.9	11.2	10 1	9.0	8.3	7.7	7.3	6.8	6.4	6.3	6.2	6.5	10.8	11.6	11.7	10.6	8.7	8.4	11.5	11.8	10.1	9.1
Ozark	do	22	7.4	7.3	7.0	6.5	6.0	5.8	6.7	7.0	6.8	6.0	6.7	7 0	6.1	5.4	4.6	4.0	3.7	3.3	2.9	1.9	1.8	3.4	7.7	8.0	7.8	6.5	5.7	6.0	7.9	7.3	6.2
Dardanelle	do	20	10.4	9.7	9.8	9.2	8.7	8.6	8.7	9.2	9.4	9.0	8.5	9.3	9.8	8.3	7.6	7.0	6.7	6.3	6.0	5.9	5.9	5.7	7.2	10.0	10.2	10.2	9.8	8.5	9.4	10.5	9.8
Little Rock	do	23	10.1	9.0	8.1	7.7	7.2	6.5	5.9	5.8	6.4	6.6	6 4	5 6	5.8	6.3	5.5	4.5	3.8	3.2	2.8	2.4	2.1	2.0	1.9	2.4	5.7	7.2	7.7	7.8	6.3	6.1	7.4
Pine Bluff	do	25	14.7	14.0	13.3	12.7	12.3	11.8	11.2	10.8	10.7	11.3	11.4	11.0	10.4	10.7	10.9	10.1	9.3	8.7	8.4	7.9	7.8	7.1	6.9	6.6	7.4	10.7	11.8	12.4	11.9	10.8	11.4
Yancopin	do	29	21.0	21.1	21.0	21.1	21.1	21.1	20.7	20.1	19.4	18.8	18.6	18.4	17.8	17.0	16.8	16.6	15.7	14.6	13.7	13.1	12.4	11.9	11.5	11.3	11.1	11.8	15.0	16.5	17.4	17.2	16.3
Danville	Petit Jean	20	10.7	14.8	15.0	11.6	9.2	8.2	14.0	11.8	8.5	6.9	6.1	5.7	5.0	4.6	4.4	4.2	3.9	3.6	3.3	3.6	4.4	4.6	4.4	4.1	3.7	6.8	13.3	7.8	4.8	4.4	4.4

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	7.2	6.8	6.2	6.2	5.5	5.5	5.7	5.8	5.6	5.0	5.2	5.1	5.0	5.0	5.0	4.5	4.0	3.8	3.7	3.7	3.9	4.6	3.9	3.8	3.8	3.8	5.3	7.0	9.0	6.9	5.7
Calico Rock	do	18	7.2	6.4	5.9	5.4	4.7	4.8	5.5	5.4	5.0	4.7	4.6	4.1	4.1	3.9	3.7	3.4	3.2	2.5	2.3	2.3	2.4	3.1	2.4	2.1	2.1	2.9	8.8	5.1	9.0	6.5	5.2
Batesville	do	23	14.2	12.9	12.0	11.3	10.7	10.5	11.0	11.3	10.9	10.4	10.1	9.9	9.5	9.4	9.1	8.9	8.6	8.4	7.9	7.6	7.8	7.8	8.1	7.7	7.4	8.7	12.4	12.3	15.0	14.0	11.6
Newport	do	26	16.0	15.3	14.0	13.0	12.0	11.0	10.5	10.8	11.0	10.6	10.0	9.5	8.8	8.4	7.9	7.4	6.8	6.4	6.0	6.0	5.8	5.4	5.5	5.3	5.0	4.8	6.1	11.1	10.0	13.0	12.3
Georgetown	do	22	17.6	17.9	18.0	17.8	17.4	17.0	16.4	15.8	15.4	15.1	14.7	14.1	13.6	12.9	12.8	11.7	11.0	10.4	9.8	9.3	8.8	8.4	8.1	8.0	7.8	7.5	7.5	10.0	12.3	13.1	14.4
De Valls Bluff	do	24	19.8	20.0	20.2	20.2	20.3	20.4	20.3	20.0	19.8	19.4	19.1	18.8	18.4	17.9	17.4	16.8	16.3	15.6	14.9	14.5	13.8	13.3	12.8	12.5	12.2	12.0	11.8	12.1	13.9	15.4	16.4
Clarendon	do	30	22.1	22.5	22.7	22.9	23.1	23.3	23.4	23.4	23.4	23.2	23.0	22.7	22.4	22.0	21.7	31.2	20.6	20.0	19.4	18.8	18.0	17.3	16.6	16.0	15.6	15.3	15.0	14.9	15.6	16.9	17.9
Gilbert	Buffalo	30	5.4	5.1	4.9	4.7	4.5	5.0	5.1	4.8	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.7	4.0	4.0	3.9	3.9	3.9	3.8	16.0	10.2	5.7	5.0	4.9	6.0
Black Rock	Black	14	8.0	7.7	7.4	7.0	6.8	6.7	7.2	7.4	7.4	7.3	7.2	6.7	6.4	5.9	5.7	5.5	5.3	5.0	4.9	5.1	4.9	4.8	4.7	4.6	4.4	4.9	5.0	4.7	4.5	4.9	5.0
Camden	Ouachita	30	6.6	8.2	14.4	15.0	12.0	11.0	10.0	11.0	11.3	11.7	9.2	8.0	7.0	6.6	6.3	6.0	5.4	5.2	5.1	5.1	5.1	6.0	6.4	5.9	5.2	5.0	4.6	4.4	4.3	4.3	4.3
Fulton	Red	28	8.5	9.0	9.7	10.0	10.0	9.8	9.6	10.7	13.4	16.2	15.7	13.8	12.2	11.2	10.5	10.0	9.5	8.9	8.4	8.0	7.7	7.6	7.3	7.1	7.0	6.9	7.5	7.7	7.5	7.2	7.2
Helena	Mississippi	44	21.4	23.5	25.0	25.8	25.8	25.4	24.6	23.5	22.3	21.2	20.1	19.0	17.8	16.7	15.6	14.6	13.9	13.8	14.1	14.6	15.2	15.5	15.7	15.8	16.1	17.2	18.8	19.6	19.6	19.0	18.2
Arkansas City	do	48	25.2	26.4	27.9	28.9	29.6	29.9	29.9	29.4	28.7	27.6	26.8	25.9	21.9	23.8	22.6	21.5	20.4	19.5	18.6	18.3	18.3	18.4	18.6	18.6	18.5	18.6	19.5	21.1	22.5	23.1	23.0

Daily temperatures for May, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	71	78	81	78	70	60	73	75	73	76	62	66	75	82	83	87	..	..	85	74	77	74	77	84	89	88	86	90	76	70	78	77.2
	Minimum	55	59	58	53	53	54	40	43	48	46	48	48	44	48	50	53	63	..	..	52	51	51	48	49	56	64	63	64	65	66	58	53.4
Bee Branch	Maximum	69	80	77	75	74	69	68	74	69	73	71	67	72	80	83	91	90	81	74	72	71	50	71	82	82	84	86	87	82	76	75	76.7
	Minimum	57	52	55	49	42	47	37	43	48	45	49	47	45	49	47	54	60	64	62	51	46	55	42	45	58	61	61	59	66	64	55	52.1
Bentonville	Maximum	69	75	76	78	63	55	68	66	58	66	56	64	69	75	80	89	84	77	62	61	57	60	73	82	86	85	83	81	79	67	71	71.5
	Minimum	54	47	50	51	48	42	37	48	45	46	48	46	41	43	53	64	64	64	54	47	43	45	39	53	63	59	63	65	60	55	49	51.2
Blytheville	Maximum	75	82	83	78	81	79	69	76	72	71	75	70	71	79	84	92	92	88	84	78	76	76	73	81	83	87	92	91	89	89	76	80.5
	Minimum	58	54	54	50	62	[illegible]	45	52	55	51	44	50	53	53	58	66	70	68	68	55	55	59	50	49	68	65	71	67	70	65	60	58.0
Booneville	Maximum	76	79	77	78	74	60	72	71	69	75	69	70	74	79	84	92	88	83	74	71	76	72	75	85	91	86	86	88	84	71	77	77.7
	Minimum	59	55	56	54	59	49	36	52	49	45	46	46	43	43	46	60	58	67	64	50	50	53	44	52	69	62	61	62	67	64	55	54.1
Brinkley	Maximum	75	81	75	79	79	65	69	79	73	75	71	68	75	78	84	88	87	82	73	71	74	73	72	81	79	89	90	91	90	82	78	78.2
	Minimum	59	54	55	48	52	54	44	45	48	53	51	44	44	45	46	55	62	62	63	53	46	55	43	43	60	60	60	60	67	64	60	53.3
Calico Rock §§	Maximum	72	82	74	77	72	60	72	75	67	71	65	67	73	79	84	94	90	80	68	71	70	64	73	83	74	85	89	87	80	75	74	75.8
	Minimum	56	51	46	40	41	48	38	40	43	44	52	45	41	40	43	49	55	66	65	53	41	42	38	41	55	55	57	60	62	64	54	49.2
Camden §§	Maximum	78	81	82	79	77	67	71	74	76	76	70	69	76	81	86	89	86	78	81	73	78	78	76	85	91	90	89	91	80	73	79	79.4
	Minimum	55	59	58	54	55	55	42	43	49	44	50	43	39	42	45	54	61	62	64	55	48	54	46	44	60	61	59	57	65	67	61	53.3
Center Point	Maximum	76	81	81	79	70	66	73	73	76	77	67	70	75	81	85	90	84	76	82	75	78	79	76	84	90	90	85	90	81	75	82	79.0
	Minimum	58	58	62	55	57	51	38	51	50	45	45	46	48	49	56	61	62	63	62	52	53	58	49	56	63	63	65	64	70	65	56	55.8
Conway	Maximum	74	80	78	77	74	70	69	77	69	73	71	68	73	78	84	89	88	81	77	73	73	72	73	83	87	86	88	90	85	76	76	77.8
	Minimum	60	53	57	49	54	53	41	49	51	38	50	51	45	47	48	57	60	66	65	54	48	59	45	48	63	62	63	61	68	65	69	54.8
Corning	Maximum	73	83	80	77	79	66	68	76	70	69	66	68	74	80	84	91	92	85	75	75	74	69	73	81	77	88	92	93	90	78	79	78.2
	Minimum	52	46	45	44	44	43	36	46	43	47	45	42	40	40	43	55	62	62	59	50	40	50	36	40	61	51	58	56	64	59	55	48.8
Dardanelle	Maximum	73	80	77	79	74	62	72	75	69	71	71	79	74	81	86	94	90	76	78	76	75	73	75	87	90	87	89	88	84	75	80	78.8
	Minimum	59	56	56	50	57	52	39	51	49	42	51	52	43	45	47	59	62	67	64	53	46	58	45	50	66	62	63	61	70	65	57	55.0
Dumas	Maximum	81	80	80	75	83	66	75	78	78	75	68	69	74	80	87	90	89	83	81	73	69	73	74	86	91	93	92	93	91	82	79	80.4
	Minimum	60	59	57	54	53	56	40	46	53	48	52	47	46	46	48	59	63	60	64	55	48	53	46	50	60	64	62	60	68	66	62	55.0
Dutton	Maximum	69	75	78	75	66	58	66	66	58	63	64	62	67	75	79	87	83	75	65	68	69	64	71	80	84	82	81	80	76	69	72	71.8
	Minimum	50	44	41	40	52	39	27	41	37	44	44	44	31	33	38	57	55	60	52	43	34	45	31	43	62	54	54	54	58	56	49	45.5
El Dorado	Maximum	77	79	80	79	75	67	70	72	76	73	69	69	76	81	84	85	84	77	81	76	80	78	74	83	89	89	87	90	87	79	80	78.9
	Minimum	60	62	62	57	60	55	44	49	45	50	55	50	47	50	53	63	64	63	64	56	53	64	49	49	63	64	65	63	70	69	62	57.4
Eureka Springs	Maximum	69	79	76	81	72	56	67	68	56	65	58	61	70	77	82	89	88	82	66	68	61	63	75	83	81	84	85	82	78	66	73	73.0
	Minimum	54	50	49	48	55	41	37	49	45	46	47	47	44	46	53	67	67	65	56	47	41	46	42	56	60	60	64	64	62	59	48	52.2
Fayetteville	Maximum	70	76	77	77	72	57	65	63	58	67	65	65	67	75	82	90	87	84	68	65	63	63	74	82	87	84	81	79	79	69	72	73.0
	Minimum	55	48	49	50	57	42	35	51	45	45	46	47	39	40	45	65	65	66	57	49	43	46	38	55	68	63	62	66	63	60	48	51.8
Fort Smith	Maximum	74	79	77	78	65	56	70	68	68	71	58	67	72	79	84	90	88	75	70	71	73	67	73	86	90	86	87	88	81	75	76	75.5
	Minimum	59	55	59	56	56	48	41	51	51	49	49	48	48	49	53	62	66	65	60	54	52	53	48	55	62	62	66	66	60	61	57	55.5
Gravette	Maximum	69	76	78	79	73	55	67	65	59	65	58	65	70	77	81	90	85	78	67	66	65	62	73	80	87	84	82	80	81	78	72	73.1
	Minimum	54	46	49	53	53	41	32	51	41	45	46	45	39	40	47	65	64	65	54	44	44	44	40	53	66	68	64	65	62	51	47	51.0
Helena	Maximum	75	80	74	78	81	72	66	75	72	73	67	67	71	77	83	88	87	81	80	76	74	72	69	80	81	89	91	91	92	85	78	78.2
	Minimum	60	55	57	52	55	55	46	50	49	49	47	42	43	45	49	60	63	63	65	54	49	56	45	47	59	64	66	65	70	66	66	55.0
Hope	Maximum	81	84	84	86	79	72	76	79	76	77	71	71	79	84	79	91	89	82	83	79	84	77	82	88	92	93	96	93	87	77	85	82.4
	Minimum	55	56	60	55	58	51	39	45	51	47	45	48	42	44	47	64	62	62	63	55	47	46	48	50	56	61	58	60	69	64	59	53.8
Hot Springs	Maximum	70	77	78	77	70	63	70	71	70	73	62	66	71	77	81	86	84	80	77	73	75	73	74	81	86	84	85	87	78	73	77	75.8
	Minimum	58	61	62	69	62	59	47	58	56	54	56	55	52	52	58	63	69	69	69	62	56	64	55	65	66	66	68	66	70	70	63	60.9
Jonesboro	Maximum	70	81	77	78	74	65	68	75	70	71	71	66	71	79	82	88	88	82	73	72	72	65	70	81	77	87	89	90	90	77	76	76.7
	Minimum	56	54	55	48	56	51	42	46	48	51	51	47	47	49	48	60	67	66	63	53	51	55	44	46	65	58	63	62	70	63	60	54.7
Lead Hill	Maximum	73	81	76	81	72	60	73	75	62	70	63	65	74	78	85	94	92	80	70	70	64	65	75	87	81	85	90	88	80	73	75	76.0
	Minimum	55	44	43	41	39	43	32	44	42	45	50	48	37	37	40	51	55	60	60	49	38	46	31	44	59	60	56	56	63	61	50	47.8
Little Rock	Maximum	70	78	74	76	72	61	69	76	70	74	61	65	70	77	82	88	84	78	75	71	73	66	71	81	84	84	86	87	81	72	73	75.2
	Minimum	60	58	59	53	57	50	46	50	52	49	53	49	50	54	58	61	65	64	58	53	52	55	50	51	62	62	66	67	69	61	61	56.8
Lutherville	Maximum	74	80	76	76	70	60	67	73	65	76	65	66	70	78	81	91	88	76	70	74	70	67	73	85	83	86	86	84	77	70	77	75.1
	Minimum	57	54	56	51	57	47	37	50	46	44	47	48	45	48	50	58	63	56	60	50	49	53	43	50	60	60	64	62	68	62	55	53.5
Magnolia	Maximum	76	80	81	80	73	69	69	72	74	74	69	68	73	81	85	86	85	..	82	74	81	78	..	84	90	90	87	92	83	86	81	79.2
	Minimum	55	58	56	57	61	55	43	56	53	47	51	48	44	46	50	62	62	..	63	56	53	61	50	54	63	62	62	62	69	68	62	56.1
Malvern	Maximum	76	83	80	79	76	61	73	78	75	77	73	70	77	83	85	90	88	81	80	77	79	76	78	85	89	88	88	92	80	76	81	79.8
	Minimum	59	56	55	53	55	55	40	44	49	45	46	44	41	46	46	56	59	63	61	53	50	60	44	46	59	64	62	57	68	66	60	53.6
Mammoth Spring	Maximum	69	80	78	76	76	64	61	72	70	66	65	63	69	76	80	91	85	79	75	68	65	66	68	78	76	79	87	85	80	72	73	74.0
	Minimum	55	50	47	43	45	45	39	48	41	50	49	48	41	41	44	54	58	65	56	51	41	51	38	44	61	53	58	58	65	61	54	50.2
Marianna	Maximum	74	78	78	75	77	66	64	75	74	76	70	67	72	76	82	88	87	87	77	72	74	73	71	81	80	89	90	89	89	83	78	77.8
	Minimum	61	60	59	52	55	55	47	50	55	53	51	48	47	48	50	59	61	64	65	55	50	58	40	46	60	63	63	63	69	66	62	56.3
Marshall	Maximum	72	78	76	73	73	66	66	66	66	68	68	63	63	74	81	91	91	83	75	66	66	58	69	82	81	83	79	79	77	71	76	73.5
	Minimum	55	48	46	41	57	44	34	61	43	57	48	43	43	39	43	65	67	61	59	49	39	50	36	51	59	55	60	65	56	59	57	51.4
Mena	Maximum	73	75	79	77	74	53	73	72	70	71	62	66	71	78	85	89	85	76	75	71	76	70	76	85	88	88	83	87	80	72	73	76.3
	Minimum	58	53	51	54	57	49	38	50	46	47	46	48	43	46	47	62	60	62	63	51	50	51	49	49	61	61	64	61	64	62	56	53.6
Mount Ida	Maximum	75	78	79	80	74	60	74	72	72	75	67	72	75	83	86	89	86	76	79	75	76	75	75	83	89	86	83	89	82	74	76	78.0
	Minimum	57	57	58	59	52	51	43	46	41	33	42	40	37	38	52	56	56	63	63	51	40	55	38	41	68	61	58	57	64	61	56	51.8
Newport	Maximum	70	81	74	78	78	65	46	73	70	74	70	65	72	79	83	89	87	82	74	71	72	68	71	80	74	87	88	88	89	75	75	76.4
	Minimum	57	51	54	46	50	50	41	48	47	51	51	48	47	46	46	60	66	66	61	54	49	54	42	45	60	59	70	59	68	64	61	54.0
Pine Bluff	Maximum	75	78	76	73	73	66	68	77	73	76	72	62	72	76	83	87	87	78	78	70	75	70	76	80	87	86	87	89	86	76	75	77.1
	Minimum	60	60	59	55	55	59	44	48	57	50	52	48	47	50	50	64	64	61	64	55	52	60	50	50	65	67	64	64	69	67	62	57.3
Pocahontas	Maximum	71	81	77	76	76	65	66	74	71	70	70	67	72	78	83	90	89	86	75	72	73	70	71	79	79	85	90	90	89	75	75	75.9
	Minimum	55	50	51	43	46	46	39	46	45	48	51	46	47	45	45	53	63	62	62	53	46	53	41	43	60	54	60	58	65	61	57	51.4
Portland	Maximum	79	80	80	77	82	67	67	76	79	78	73	71	76	80	85	88	87	82	80	80	75	79	72	84	89	89	90	93	92	82	79	80.4
	Minimum	60	61	67	57	57	55	49	45	54	51	55	47	47	50	48	54	60	58	65	58	50	58	48	46	56	61	60	60	68	66	63	56.2
Prescott	Maximum	79	83	82	81	75	69	73	75	75	78	71	69	76	82	87	90	90	78	83	83	81	79	77	86	91	91	91	92	88	80	81	81.2
	Minimum	56	59	57	55	58	55	42	40	52	46	41	48	45	48	49	61	64	63	61	54	49	59	47	49	62	62	60	59	70	67	50	54.5
Rison	Maximum	79	82	80	76	79	67	71	78	77	75	74	69	76	79	85	88	86	84	80	80	78	76	75	81	89	88	83	..	94	76	79	79.6
	Minimum	58	58	58	55	55	56	42	46	53	47	48	45	45	48	51	61	62	63	63	55	50	59	47	48	62	64	63	..	62	65	61	55.0
Searcy	Maximum	71	78	73	75	76	66	67	74	68	73	68	68	72	78	81	87	85	80	72	72	71	67	70	79	76	86	86	87	84	76	75	75.5
	Minimum	49	55	55	47	52	51	41	45	49	49	50	46	44	48	47	53	60	63	62	54	50	57	45	46	58	60	62	61	70	64	60	53.3
Stuttgart	Maximum	74	79	75	79	78	68	69	77	74	76	71	67	74	78	85	88	87	84	77	71	76	70	72	81	86	88	90	94	90	79	76	78.5
	Minimum	56	57	60	55	55	44	48	51	47	50	46	45	46	50	58	63	61	64	54	50	59	45	47	64	62	63	60	67	65	61	50	54.9
Texarkana	Maximum	77	82	83	81	72	67	72	74	75	78	70	71	73	81	85	86	84	83	82	73	80	80	78	85	89	90	85	90	84	75	82	79.6
	Minimum	55	53	59	55	51	51	38	48	53	44	49	46	47	43	48	60	59	60	60	53	46	58	49	53	61	64	64	62	64	67	60	54.4
Thornburg	Maximum	72	82	77	80	71	60	72	74	69	77	63	65	72	76	82	89	85	80	75	73	73	69	73	83	87	84	85	86	77	72	75	75.9
	Minimum	58	47	49	43	58	50	32	50	44	40	46	49	37	39	41	60	52	64	62	50	36	55	34	39	63	60	57	56	66	62	57	50.2
Warren	Maximum	78	81	81	75	79	64	72	76	75	71	74	72	73	80	57	87	87	86	81	81	80	77	89	88	93	91	91	92	93	79	78	81.1
	Minimum	58	60	60	55	58	57	44	46	61	51	53	47	48	51	52	61	63	63	63	54	51	60	48	49	63	64	62	63	69	66	61	56.9
Wilson	Maximum	73	81	78	76	78	75	65	74	72	72	70	67	73	78	83	90	90	84	77	68	70	66	68	80	77	88	91	91	91	87	78	77.8
	Minimum	56	53	55	45	53	53	41	48	50	52	52	44	44	44	47	60	66	65	64	54	49	55	42	44	62	58	62	60	66	64	52	52.5
Wynne	Maximum	72	84	76	75	74	66	66	76	70	76	64	65	74	75	84	79	87	82	78	70	74	67	72	81	74	87	90	89	88	83	75	76.5
	Minimum	57	53	52	48	46	51	44	50	49	54	48	44	43	44	49	59	61	62	65	53	47	56	41	48	61	58	64	61	70	61	57	53.6

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark .6-25-31-980

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

3

HARVEY S. COLE, Meteorologist

Vol. XXXVI Little Rock, Ark., June, 1931 No. 6

GENERAL SUMMARY

Although the mean temperature for the State was above normal, the minimum of 35° at Dutton on the 1st is the lowest temperature ever recorded for the month of June, being 2° lower than the previous record of 37° established in June, 1917.

Cool weather overspread the State the first of the month and temperatures were again below normal from the 7th to the 9th but thereafter they were continuously above with nearly all stations reporting maximum temperatures above 100° the latter part of the month. The highest temperature recorded was 107° at Amity on the 30th; the lowest 35° at Dutton on the 1st. The mean temperature for the State, as determined by the records of 63 stations, was 78.3° which is 1.4° above normal. Monthly means ranged from 72.0° at Dutton to 81.0° at Blytheville with only 5 stations out of the 63 for which normals have been computed showing negative departures.

The geographical distribution of rainfall during the month was irregular with the most of the precipitation occurring during thunderstorms. On the night of the 6th-7th showers with severe local thunderstorms swept over most of the State, causing considerable damage to fruit and other crops and washing the soil badly in some sections. Hail was reported from Crawford, Van Buren, Lawrence, and Randolph counties. In the vicinity of Imboden and Ravenden in Lawrence and Randolph counties the damage on the above date was estimated at $100,000.

Showers were frequent from the 10th to the 17th but thereafter until the close of the month they fell only scatteringly over about two-thirds of the State with stations in western and northwestern sections and in counties bordering on the Mississippi River from Crittenden County southward receiving very little rain and some stations none after the 17th. Severe local thunderstorms accompanied by some hail occurred in the northeastern part of the State on the 29th, striking Blytheville and Jonesboro and causing considerable damage from wind and water. The average precipitation for the State, based on the reports of 95 stations, was 2.60 inches which is 1.50 inches below normal. Monthly totals ranged from 0.36 inch at Big Lake Outlet in Mississippi County to 6.03 inches at Hot Springs. Twelve stations reported less than an inch and two less than one-half inch. Of the 66 stations with records of 10 years or more, 10 showed positive departures and 56 negative.

An unusually large number of people were killed or injured by lightning during the month. At De Witt one person was killed; at Eureka Springs two injured, one seriously; at Hamburg one killed and two injured, one seriously; at Heber Springs one killed and one injured; at Hope one killed; at Little Rock one injured.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs......	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Light Hail	..	..	..	..	..	1	4	..	1	1	1	4	..	2	1	..	..	..	..	..	..	2	2	..	1	..	..	..	1	..	..
Moderate Hail...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Heavy Hail......	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorms..	..	..	1	..	1	17	26	..	19	15	29	36	13	35	39	18	1	4	4	18	19	11	25	26	15	13	11	2	15	17	..

Heavy Hail: Night of 6th-7th, area 18 miles long and 4 miles wide in vicinity of Imboden and Ravenden, $100,000 damage to crops, buildings, etc.

Additional Damages: Arkadelphia, 15th, from lightning $300.
Blytheville, 29th, from windstorm $1,000.
El Dorado, 22d, from windstorm $5,000.
Jonesboro, 29th, from windstorm $4,000.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.93	30.13	25	29.71	7	2,636	17	s	11	......	......	92
Fort Smith	29.95	30.11	25	29.74	6	4,081	32	n	6	79	51	85
Little Rock	29.99	30.13	25	29.78	7	4,549	30	nw	6	76	50	84
Memphis	29.99	30.17	23	29.68	7	4,347	40	sw	7	68	48	81

COMPARATIVE DATA FOR JUNE

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**76 9**		**110**		**35**		**4.10**		**14**	**10**	**6**	**8**
1891	77.9	+1.0	103	27	56	9	3.71	−0.39	11	11	8	17
1892	76.9	0.0	103	14	40	2	3.87	−0.23	16	10	4	8
1893	76.3	−0.6	99	13	49	8	5.20	+1.10	12	12	6	9
1894	76.6	−0.3	106	30	42	1	1.39	−2.71	17	10	3	4
1895	76.9	0.0	100	2	47	6	5.94	+1.84	12	10	8	10
1896	77.7	+0.8	103	27	48	3	1.91	−2.19	14	10	6	5
1897	78.0	+1.1	106	22	41	1	3.46	−0.64	12	13	5	6
1898	78.7	+1.8	100	25	60	3	4.86	+0.76	8	14	8	11
1899	77.3	+0.4	102	24	50	18	2.74	−1.36	13	12	5	6
1900	76.6	−0.3	100	10	43	4	7.10	+3.00	7	14	9	13
1901	79.4	+2.5	110	29	41	1	1.44	−2.66	16	12	2	4
1902	77.5	+0.6	105	19	42	23	5.27	+1.17	16	9	5	6
1903	70.5	−6.4	99	21	37	12	2.53	−1.57	13	10	7	7
1904	75.3	−1.6	99	13	50	7	7.14	+3.04	11	13	6	10
1905	77.9	+1.0	104	15	44	1	5.90	+1.80	12	10	8	10
1906	76.2	−0.7	101	18	44	22	4.60	+0.50	14	11	5	8
1907	75.2	−1.7	103	24	39	2	4.48	+0.38	14	11	5	8
1908	76.0	−0.9	98	23	46	14	3.85	−0.25	13	11	6	8
1909	76.9	0.0	104	8	49	4	4.08	−0.02	12	12	6	10
1910	74.1	−2.8	99	18	44	12	4.85	+0.75	12	13	5	10
1911	80.9	+4.0	106	7	47	13	2.53	−1.57	16	11	3	6
1912	73.1	−3.8	97	17	42	8	5.83	+1.73	11	12	7	9
1913	77.0	+0.1	103	28	39	12	1.68	−2.42	16	11	3	4
1914	82.3	+5.4	109	28	52	28	1.00	−3.10	19	10	1	2
1915	76.0	−0.9	106	21	45	9	4.92	+0.82	12	9	9	9
1916	75.4	−1.5	99	21	43	8	5.15	+1.05	12	10	8	8
1917	75.2	−1.7	105	30	37	16	4.87	+0.77	18	7	5	6
1918	80.5	+3.6	110	20	49	13	3.55	−0.55	15	9	8	7
1919	76.9	0.0	101	26	45	4	5.11	+1.01	11	10	9	10
1920	74.7	−2.2	101	26	42	24	3.41	−0.69	19	6	5	6
1921	78.5	+1.6	103	3	46	8	4.84	+0.74	12	10	8	11
1922	78.6	+1.7	104	14	44	4	2.64	−1.46	16	8	6	7
1923	76.7	−0.2	99	25	46	29	5.20	+1.10	13	11	6	9
1924	78.5	+1.6	105	12	42	2	3.64	−0.46	15	6	9	8
1925	82.3	+5.4	108	20	46	1	2.08	−2.02	17	9	4	4
1926	76.6	−0.3	104	12	42	6	2.60	−1.50	17	8	5	6
1927	76.3	−0.6	104	25	43	16	6.50	+2.40	13	8	9	9
1928	73.5	−3.4	100	19	40	6	9.44	+5.34	8	9	13	13
1929	76.2	−0.7	102	19	41	4	3.68	−0.42	17	8	5	7
1930	76.4	−0.5	107	26	39	1	0.87	−3.23	22	6	2	2
1931	78.3	+1.4	107	30	35	1	2.60	−1.50	19	8	3	6

Climatological Data for June. 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	36	79.0	+1.9	107	30	50	1	35	1.60	−3.30	0.95	0.0	4	9	19	2	s.	J. W. Campbell
Arkadelphia	Clark	250	35	.....	.....	.....	.....	.....	.....	.....	3.73	−1.06	1.37	0.0	6	21	6	3	s.	W. K. Bown
Arkansas City	Desha	145	47	.....	.....	.....	.....	.....	.....	.....	0.69	−3.17	0.63	0.0	2	23	2	5	.....	Herbert Neff
Arlberg	Stone	700	9	.....	.....	.....	.....	.....	.....	.....	3.77	.....	1.89	0.0	4	10	19	1	ne.	J. D. Reeves
Batesville	Independence	277	32	75.2	−0.6	101	29†	43	1	37	1.80	−2.21	1.24	0.0	6	24	3	3	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	77.6	+0.9	103	29†	48	1	32	2.87	−1.41	0.95	0.0	5	19	7	4	s.	J. E. Scanlan
Bentonville	Benton	1303	26	75.8	+2.4	95	27	45	1	31	3.01	−2.31	2.17	0.0	7	27	3	0	s.	U. S. Weather Burea
Big Lake Outlet.‡‡	Mississippi	.....	1	.....	.....	.....	.....	.....	.....	.....	0.36	.....	0.23	0.0	2	27	0	3	.....	Harry Johnson
Black Rock	Lawrence	259	29	.....	.....	.....	.....	.....	.....	.....	0.85	−3.03	0.30	0.0	6	25	2	3	s.	Vernon C. Howe
Blytheville	Mississippi	252	6	81.0	.....	102	28†	51	8	32	3.00	.....	2.28	0.0	5	11	12	7	sw.	Charles Phillips, Jr.
Booneville	Logan	465	17	79.0	+1.7	103	30	43	1	36	2.02	−2.39	1.12	0.0	7	13	16	1	e.	F. H. Randolph
Brinkley	Monroe	205	44	79.0	+1.3	104	30	49	1†	37	1.47	−2.10	0.64	0.0	7	25	4	1	sw.	R. J. Torry
Calico Rock	Izard	361	27	77.4	+1.6	102	29	45	1	37	4.60	+0.55	2.15	0.0	7	8	21	1	s.	W.J. Copp
Camden	Ouachita	158	46	78.4	+0.3	102	30	48	1	37	3.80	−0.54	0.95	0.0	8	20	7	3	s.	A. B. Quarterman
Carthage	Dallas	.....	1	.....	.....	.....	.....	.....	.....	.....	2.68	−1.29	1.20	0.0	6	21	4	5	.....	C. R. Tewalt
Center Point	Howard	470	32	79.8	−1.0	100	30	55	8	31	5.85	+1.66	2.50	0.0	11	15	14	1	s.	John C. Floyd
Clarendon	Monroe	200	27	.....	.....	.....	.....	.....	.....	.....	2.25	−1.30	1.11	0.0	7	21	6	3	s.	J. W. Bishop
Clinton	Van Buren	516	10	.....	.....	.....	.....	.....	.....	.....	2.45	.....	1.80	0.0	6	16	13	1	sw.	A. L. Stephens
Conway	Faulkner	309	48	79.3	+1.9	102	30	50	1	31	1.80	−2.19	0.52	0.0	7	22	6	2	s.	E. E Cordrey
Corning	Clay	293	38	78.0	+2.3	106	30	44	8	30	1.06	−3.15	0.35	0.0	5	24	5	1	s.	Winfred D. Polk
Cotter	Baxter	408	4	.....	.....	.....	.....	.....	.....	.....	2.52	.....	1.46	0.0	3	23	2	5	nw.	O. B. McSpadden
Crosset	Ashley	175	16	79.5	+0.9	103	30	51	1†	36	1.4[illegible]	−3.29	0.54	0.0	8	15	13	2	s.	G. A. Gifford
Danville	Yell	327	15	.....	.....	.....	.....	.....	.....	.....	3.43	−1.02	1.21	0.0	5	21	1	8	s.	C. G. Hudson
Dardanelle	Yell	330	45	79.1	+1.1	101	29†	48	1	34	2.42	−1.28	1.18	0.0	5	17	12	1	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	.....	.....	.....	.....	.....	.....	.....	1.04	.....	0.52	0.0	5	27	2	1	.....	H. G. Pate
Dumas	Desha	162	25	80.9	+2.4	105	29	50	1†	39	1.51	−2.28	1.00	0.0	5	5	19	6	s.	Ben Johnson
Dutton	Madison	1590	28	72.0	+0.5	95	30	25	1	43	4.00	−1.56	1.82	0.0	7	21	9	0	s.	J. M Ricketts
El Dorado	Union	270	30	79.8	+0.4	102	30	55	1†	33	2.53	−1.36	1.15	0.0	7	10	15	5	se.	J. J. Babb
England	Lonoke	229	24	79.0^b	+1.1	102^b	30	52^b	1†	31^b	1.3[illegible]	−2.19	0.30	0.0	8	25^b	3^c	0^b	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	77.2^a	+3.2	99	30	48^b	1	35^b	2.87	−2.88	2.40	0.0	3	27	1	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	76.2	+2.0	97	27†	45	1	33	3.10	−1.42	1.31	0.0	7	19	10	1	s.	University of Arkans
Fort Smith	Sebastian	457	50	79.7	+2.2	100	30	51	1	29	1.57	−2.15	0.68	0.0	7	14	14	2	e.	U. S. Weather Bure
Freeman Springs‡‡	Pope	2240	7	.....	.....	.....	.....	.....	.....	.....	3.40	.....	1.30	0.0	5	22	6	2	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	45	.....	.....	.....	.....	.....	.....	.....	3.46	−0.36	1.50	0.0	5	20	5	5	.....	T. J. Logan
Georgetown	White	200	19	.....	.....	.....	.....	.....	.....	.....	1.22	−3.10	0.74	0.0	5	23	3	4	.....	W. R. Owens
Gilbert	Searcy	675	8	.....	.....	.....	.....	.....	.....	.....	2.49	.....	0.70	0.0	7	14	14	2	.....	Ben F. Battenfield
Grannis	Polk	900	12	75.0	−0.1	97	30	43	1	41	1.9[illegible]	+0.02	1.63	0.0	16	15	13	2	e.	W. E. McVay
Gravette	Benton	1250	34	76.0	+2.6	96	30	44	1	33	1.18	−1.46	1.80	0.0	7	19	11	0	sw.	A. F. Stevens
Harrison	Boone	1052	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	..	..	.	.....	Dan Robertson
Helena	Phillips	250	59	79.5	+1.2	103	28	47	8	36	2.44	−1.45	0.76	0.0	7	6	15	9	sw.	James A. Burnett
Higden	Cleburne	445	13	.....	.....	.....	.....	.....	.....	.....	4.57	+0.37	1.52	0.0	6	20	7	3	w.	Geo. W. Baker
Highland	Pike	.....	2	79.5	.....	101	30	56	1†	32	4.47	.....	2.22	0.0	5	12	18	0	s.	Tom W. Stewart
Hope	Hempstead	377	60	80.0	+1.7	102	30	47	1	39	2.41	−1.43	0.96	0.0	7	20	9	1	se.	N. P. O'Neal
Hot Springs	Garland	600	40	79.8	+2.2	98	30	55	1	25	6.03	+1.41	1.83	0.0	10	17	13	0	.....	G. C. Bolton
Index.‡‡	Little River	275	6	.....	.....	.....	.....	.....	.....	.....	3.94	.....	1.70	0.0	7	19	6	5	.....	H. G. Sanderson
Jessieville	Garland	750	5	.....	.....	.....	.....	.....	.....	.....	5.51	.....	2.20	0.0	6	18	6	5	.....	U. S. Forest Service
Jonesboro	Craighead	345	36	80.4	+2.9	104	28†	51	1	31	2.23	−1.70	0.88	0.0	6	16	13	1	ne.	Benedictine Sisters
Junction‡‡	Union	182	37	79.9	+0.7	101	29†	54	1	35	2.06	−1.79	0.98	0.0	3	23	4	3	sw.	J. A. Lowdorback
Lead Hill	Boone	650	4	77.2	.....	104	29†	40	1	42	1.99	.....	1.08	0.0	4	26	2	2	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	80.1	+2.7	102	30	57	1	26	2.76	−1.00	0.99	0.0	8	17	5	8	sw.	U. S. Weather Bur
Lurton	Newton	2100	6	73.2^a	.....	93^a	30	59	1	21^a	5.25		2.00	0.0	9	20	8	2	s.	I. C. Sutton
Lutherville‡‡	Johnson	775	33	78.2	+2.5	100	29†	50	1	31	2.91	−1.46	1.20	0.0	5	18	8	4	s.	H. G. Lenhardt
Madison	St. Francis	.....	1	.....	.....	..	..	.....	..	..	0.61	.....	0.50	0.0	4	20	1	9	.....	William G. Hager
Magnolia	Columbia	315	12	79.8	+0.7	100	29†	51	1	35	3.96	+0.46	1.85	0.0	6	6	20	4	e.	State Agri. School
Malvern	Hot Springs	277	44	79.2	+1.5	103	25†	47	1	38	3.91	−0.22	1.38	0.0	6	26	4	0	s.	Mrs. W. L. Matthe
Mammoth Spring	Fulton	600	26	76.4	+2.2	101	29	47	1	31	0.83	−3.64	0.59	0.0	2	24	6	0	sw.	S. F. Whittaker
Marianna	Lee	235	19	80.0	+1.3	101	28†	52	8	39	0.40	−3.62	0.40	0.0	1	15	13	2	s.	C. N. Houck
Marked Tree	Poinsett	229	26	79.2	+1.3	103	28†	49	1†	36	1.14	−2.14	0.53	0.0	5	21	8	1	n.	Charles Walton
Marshall	Searcy	1070	17	75.2	−0.3	97	29†	42	1	35	2.45	−2.63	0.75	0.0	10	17	10	3	sw.	A. J. Parks
Mena	Polk	1185	43	77.2	+0.7	99	30	47	1	36	5.08	+0.20	1.47	0.0	11	17	10	3	sw.	E. W. St. John
Morrillton	Conway	347	10	79.4	.....	106	30	53	1	32	1.81	.....	0.61	0.0	4	17	11	2	se.	John Cook
Mountain Home	Baxter	800	17	77.0	+2.9	102	29†	45	1	38	2.15	−2.63	0.90	0.0	3	24	6	2	s.	B. S. Halbert
Mount Ida	Montgomery	659	32	75.6	−0.3	101	30	41	1	4[illegible]	2.68	−1.71	0.96	0.0	8	19	7	4	sw.	G. A. Whittington
Newport	Jackson	231	47	79.2	+1.3	104	29	50	1†	35	0.85	−3.02	0.31	0.0	5	21	7	2	n.	J. D. Henderson
Norman	Montgomery	750	4	.....	.....	.....	.....	.....	.....	.....	2.45	.....	1.13	0.0	6	15	15	0	.....	U. S. Forest Servic
Oden	Montgomery	800	5	.....	.....	.....	.....	.....	.....	.....	3.07	.....	1.51	0.0	6	20	9	1	sw.	U. S. Forest Servic
Okay	Howard	288	2	78.2	.....	103	25	46	1	33	2.4[illegible]	.....	1.01	0.0	6	13	14	3	s.	Charles R. Jackson
Osceola	Mississippi	240	33	80.6	+3.2	104	28†	49	8	34	0.88	−2.50	0.48	0.0	3	13	11	6	s.	June Thomason
Ozark	Franklin	396	35	78.6	+0.8	102	29†	48	2	38	1.95	−2.55	1.61	0.0	5	25	1	4	se.	Orkney O. Milton
Paragould	Green	301	5	.....	.....	.....	.....	.....	.....	.....	0.67	.....	0.33	0.0	3	25	3	2	s.	W. R. Heagler
Parkin	Cross	.....	1	.....	.....	.....	.....	.....	.....	.....	0.86	.....	0.52	0.0	5	23	1	6	.....	P. D. Roberts
Patterson	Woodruff	196	15	.....	.....	.....	.....	.....	.....	.....	1.61	−3.30	0.59	0.0	5	25	2	3	s.	W. E. Baker
Piggott	Clay	307	7	.....	.....	.....	.....	.....	..	.....	2.13	.....	0.75	0.0	7	..	..	..	.....	V. C. Wright
Pine Bluff	Jefferson	215	44	79.0	−0.2	99	29†	53	1	29	3.00	0.92	1.18	0.0	6	16	9	5	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	38	79.0	+2.6	104	30	51	2	32	2.41	−0.96	1.69	0.0	6	9	14	7		Benedictine Sisters
Portland	Ashley	122	25	79.4	+0.1	104	29	52	2†	36	0.59	−2.81	0.22	0.0	5	13	9	8	.	W. E. Edmiston
Prescott	Nevada	329	43	79.7	+0.9	102	30	52	1†	37	2.87	−0.93	0.75	0.0	8	17	6	7	s.	Craig Williams
Rison	Cleveland	243	30	79.7	+1.1	104	29†	50	1†	33	2.22	−1.54	0.95	0.0	3	22	8	0	s.	Mrs. M. V. Tisdal
Rogers	Benton	1385	40	76.0	+2.7	98	29†	43	1	37	4.00	−0.89	2.65	0.0	6	27	2	1	s.	Carl A. Starck
Saint Charles	Arkansas	175	2	78.2	.....	102	29†	52	8	35	1.12	.....	0.80	0.0	3	22	7	1	s.	Ballard Deane
Saint Francis	Clay	290	3	.....	.....	.....	.....	.....	.....	.....	0.59	.	0.21	0.0	4	26	3	1	.....	S. T. Rooney
Searcy	White	236	22	78.0	+0.9	102	29	52	2†	30	1.89	−2.07	0.98	0.0	5	26	3	1	sw.	Arthur D. Smith
Springbank‡‡	Miller	240	24	.....	.....	.....	.....	.....	.....	.....	1.96	−1.84	1.02	0.0	5	20	5	5	.....	Miss Grace Field
Story	Montgomery	700	7	.....	.....	.....	.....	.....	.....	.....	3.61	.....	0.83	0.0	8	19	10	1	s.	S. C. Story
Stuttgart	Arkansas	228	44	80.0	+2.3	103	29	51	7	34	3.89	−0.05	1.94	0.0	6	22	6	2	sw.	Adam F. Buerkle
Subiaco	Logan	1050	34	79.2	+1.6	103	30	49	1	35	2.01	−2.05	1.19	0.0	7	12	16	2	s	New Subiaco Abbe
Texarkana	Miller	332	45	79.8	+0.6	101	30	51	1	34	3.68	+0.12	2.00	0.0	5	17	7	6	s.	H. S. Brashear
Thornburg	Perry	650	7	74.6	.....	101	30	38	1	40	4.47	.....	1.38	0.0	7	18	10	2	s.	Edward E. Holmes
Waldron	Scott	675	12	.....	.....	.....	.....	.....	.....	.....	2.66	−1.59	1.11	0.0	5	17	7	6	se.	Dr. Cheves Bevill
Warren	Bradley	206	37	81.0	+2.1	102	29†	51	1†	36	1.38	−2.41	0.80	0.0	4	15	14	1	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	.....	.....	.....	.....	.....	.....	.....	3.69	.....	0.98	0.0	6	9	14	7	sw.	J. R. Huddleston
Whitecliffs	Little River	290	27	.....	.....	.....	.....	.....	.....	.....	3.72	+0.32	1.63	0.0	6	18	6	6	se.	Nannie O. Schirme
Wilson	Mississippi	237	6	79.7	.....	103	30	48	2	36	1.72	.....	1.32	0.0	3	26	2	2	s.	M. W. H. Collins
Winslow	Washington	1734	16	72.2	+0.8	92	29	40	1	34	4.16	−0.87	1.84	0.0	8	22	6	2	s.	J. D. Black
Wynne	Cross	250	23	79.0	+1.2	101	29†	42	1	39	5.18	+1.37	2.37	0.0	5	14	14	2	s.	R. T. Cobbs
Yancopin	Desha	167	7	.....	.....	.....	.....	.....	.....	.....	0.83	.....	0.51	0.0	5	12	15	3	.....	W. E. Barton
State Means				78.3	+1.4	107	30	35	1	43	2.60	−1.50	2.65	0.0	6	19	8	3	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain melted snow. ††Received too late for means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Lake Outlet, Manila: Freeman Springs, Dover: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Preci tation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m.

Daily Precipitation for June, 1931

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita							.20					.25			.95	.20																1.60
Arkadelphia	Ouachita							.32				1.37	.35			.56	.98						.15										3.73
Arkansas City	Mississippi													T.	T.	.06	.63									T.							0.69
Ariberg	White						.38			.39		1.89				1.11																	3.77
Batesville	White							T.			T.		.18	.04		.12	.16							.06	1.24			T.					1.80
Bee Branch	Arkansas							.94				.05	.95	T.	T.	.88									.05	T.							2.87
Bentonville ***	Arkansas			T.			.14			.04	.06	2.17	.02		T.	.44	.14	T.															3.01
Big Lake Outlet	St. Francis													.13											.23								0.36
Black Rock	White							.02					03	.30			.21	T.							T.	.01			.28				0.85
Blytheville	Mississippi													.10			.22	.19							2.28						.21		3.00
Booneville	Arkansas							1.12		.22		.06	.29		T.	.06	.18							.09									2.02
Brinkley	White							.33					.10	.08		.04	.64				.25	.03											1.47
Calico Rock	White							.49			T.	T.	.84	.01		2.15	.27	T.								.76		.08					4.60
Camden	Ouachita							.27				.14	.55		.57	.75	95	42									.15						3.80
Carthage	Ouachita							.50				.10	.03			1.20						.45			.40								2.68
Center Point	Red							.71		.08	.02	.63	.96		.22	.37	.17					.17			.02	2.50							5.85
Clarendon	White							.48					.12	.10			.34					1.11						.08		.02			2.25
Clinton	White						.28			.08		1.80				.22					.02			.05									2.45
Conway	Arkansas							52				.08	.29		.27	50	.10	.04															1.80
Corning	White							.06					.07	.35											.30	.28		T.					1.06
Cotter	White											T.	.93			1.46	.13									T.							2.52
Crossett	Ouachita							.03					.10	.13	.13	29	.54	.20										.03					1.45
Danville	Arkansas							1.10			.09	T.	.90		.14		1.20																3.43
Dardanelle	Arkansas							1.18			.04	.48	.40				.32																2.42
De Valls Bluff	White							.52					.04	.12			.18											.18					1.04
Dumas	Mississippi							15					.01			1.00	.20			T.	T.	T.	.15				T.						1.51
Dutton	White							1.41		.10		.36	1.82		.03	.11		.17															4.00
El Dorado	Ouachita							.23					.23			.07	.50	32						1.15		03							2.53
England	Arkansas					.30						.01	.18		.22	25	.10				.07	.17									T		1.30
Eureka Springs	White												2.40		.02	.45																	2.87
Fayetteville	White			T.				.94		.06	.02	.04	1.31			.63	.10																3.10
Fort Smith ***	Arkansas						.85	.03		.18		07			.06	.36	.02									T.							1.57
Freeman Sprgs.	Arkansas							.69			T.	.66	1.30			.68	.07																3.40
Fulton	Red							.49				T.	.63	T.		.04	1.50	.80															3.46
Georgetown	White							.26					.06			.10	.74														.06		1.22
Gilbert	White							.18			.02		.65			.70	12	.69											.04				2.40
Grannis	Red							.81		16	.03	.23	.96	T	.40	1.63	.30									.13	T.	.26					4.91
Gravette	Arkansas									10	T.	.05	1.52			1.80	.01	.06										64					4.18
Harrison	White																																
Helena	Mississippi							.08						.76			.24				.02		T.	.28				.44			.62		2.44
Higden	White							.36		T.			1.02		1.52	.16									.49	1.02							4.57
Highland	Ouachita							.97				.23	.51		.54							2.22											4.47
Hope	Red							.33			.01	.96			.11		.88									.05		.07					2.41
Hot Springs	Ouachita							.77			1.52	.20	.43		.16	1.83						.68			.16	.14		.14					6.03
Index	Red							.60					.58		.48	.38	1.70	.08					.12										3.94
Jessieville	Ouachita							.95			2.20	.32			.01	2.00	.03																5.51
Jonesboro	White							T.					.28	.21				.66							.16	.04					.88		2.23
Junction	Ouachita													.48	T.	.60	.98																2.06
Lead Hill	White									.01			.89		.01	1.08																	1.99
Little Rock ***	Arkansas							.42			.05	.03	.35		.06	.60					.99	T.			.26								2.76
Lurton	White	.01						.62		.05		2.00	1.30		.50	.70	.02								T	.05							5.25
Lutherville	Arkansas						1.20			.06		.45	.90			.30								T.		T.							2.91
Madison	St. Francis							.02						.06			03								.50								0.61
Magnolia	Red							.35				.60	.15	1.85	36		.65																3.96
Malvern	Ouachita							.77			.10	.72	.80			.17	1.38																3.94
Mammoth Spg.	White							T.					.59				.24																0.83
Marianna	Mississippi																													.40			0.40
Marked Tree	Mississippi													.45				.08				.03			.05						.53		1.14
Marshall	White							.32		08		.12	.78		.11	.52	.16		.14					.13	.09					T.			2.45
Mena	Ouachita							1.47	.01		.19	.31	.99		T.	.02	.66								.05	.35	.26		.77				5.08
Morrilton	Arkansas							.64		T	T.	T.	.45			.22	.50																1.81
Mountain Home	White												.90		T.	.60									.65			T					2.15
Mount Ida	Ouachita							.72	T	.13		.11	.96		.09	.30	.32					.05											2.68
Newport	White							.02					.14	.29			.12														.31		0.88
Norman	Ouachita							.61			.20		1.13		.17		.18					.16			T.								2.45
Oden	Ouachita							.75		T.		.10	.46		.24		1.51								.01								3.07
Okay	Red							.51					.77		.10	.04	1.01					T.				.01		T.					2.44
Osceola	Mississippi													.20			T.			.20					.48								0.88
Ozark	Arkansas							1.61			.18	.11	.03				T.		.02			T.											1.95
Paragould	Mississippi													.33			.04					T.			.30								0.67
Parkin	St. Francis							.02						.12			.01								.19			.52					0.86
Patterson	White							.08					.35	.21			.47					.50											1.61
Piggott	Mississippi							.11					.20				.15						.47	.10	.35						.75		2.13
Pine Bluff	Arkansas							.53					.17	.49		T.	1.18					.52	.11										3.00
Pocahontas	White							.23					.40			.03								1.60	.15			.03					2.44
Portland	Ouachita	.03														.05	.22	.08					.21										0.59
Prescott	Ouachita							.49				.01	.75			.41	.15	.19						T.			.45		.42				2.87
Rison	Ouachita							.32					.95				.95																2.22
Rogers	White							.11		.09	.12	.11	2.65			.92																	4.00
St. Charles	White							.20							T.	.80					.12												1.12
St. Francis	St. Francis							.21						.14				T.							.14	.10							0.59
Searcy	White							.63					.03	.10		.15	.98								T.								1.89
Springbank	Red							.40				.03	.35				T.	1.02					.16	T.									1.96
Story	Ouachita							.83			.16	.12	.72			.70	.66							.30		.12							3.61
Stuttgart	Arkansas							.51					.03		1.21		.13					1.94						.07					3.89
Subiaco	Arkansas							1.19		.28		.02	.18			.30	T.					.01		.03	T.						T.		2.01
Texarkana	Red							.73					.30				2.00	.55					.10										3.68
Thornburg	Arkansas							.81		T.		.31	.44		1.02	1.38	.50					.01	T.		T								4.47
Waldron	Arkansas							.97		.07	T.		.20		.31	T.	1.11					T.		T				T.					2.66
Warren	Ouachita							.13					.05			.40	.80																1.38
Waters	Ouachita							.86				.14	.70			.70	.98								.31								3.69
Whitecliffs	Red							.53				.05		1.10		.07	1.63	.34					T.						T.				3.72
Wilson	Mississippi												T.	.28			T.	T.						.12	1.32					T.	T.		1.72
Winslow	Arkansas			T.			1.84			13	.03	.07	1.82			.22										.04		.01					4.16
Wynne	Mississippi												T.	.22			2.37								1.94	.49		.16			T.		5.18
Yancopin	Arkansas							.14					T			.06	.10			.51		.02				T.							0.83

Daily River Stages for June. 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.8	7.0	6.7	6.6	6.6	6.8	7.5	7.1	7.6	6.7	6.3	6.5	6.7	9.5	9.7	9.8	12.8	13.4	11.3	10.1	11.4	10.8	8.5	7.4	6.9	6.6	5.8	5.4	5.0	4.8	
Ozark	do	22	5.2	4.0	3.3	3.0	3.0	2.9	4.2	5.0	3.9	4.3	3.1	2.8	3.7	4.0	4.9	6.0	6.3	9.9	8.4	6.6	6.8	7.2	5.8	4.5	3.6	3.0	2.4	2.0	1.7	1.2	
Dardanelle	do	20	8.9	7.8	6.9	6.3	6.0	5.9	6.5	7.5	7.4	6.8	6.8	6.1	6.6	6.6	7.1	8.6	8.7	10.0	12.0	10.6	9.0	9.5	9.5	8.2	7.1	6.4	5.8	5.4	5.0	4.8	
Little Rock	do	23	7.2	6.1	5.0	3.9	2.9	2.4	2.1	2.1	3.5	4.1	3.5	3.3	2.7	2.4	3.0	2.9	5.0	5.8	6.3	8.8	8.0	6.3	6.8	6.3	5.3	4.0	2.9	2.2	1.6	1.2	
Pine Bluff	do	25	12.0	11.5	10.6	9.7	8.5	7.7	7.2	6.9	7.0	8.5	8.8	8.3	7.1	7.5	7.3	7.8	7.9	9.9	10.5	11.7	13.0	12.1	10.7	10.5	10.8	9.8	8.7	7.7	6.9	6.3	
Yancopin	do	29	16.2	16.9	16.5	15.4	14.4	13.3	12.3	11.5	11.1	11.0	12.0	12.7	12.2	11.7	11.2	10.8	11.3	11.5	13.5	14.5	15.9	17.2	16.3	15.2	14.7	14.2	13.7	12.6	11.5	10.5	
Danville	Petit Jean	20	5.0	4.2	3.8	3.6	3.2	8.0	4.4	9.9	6.3	4.3	4.3	4.0	3.4	3.3	3.2	8.0	4.5	4.2	3.9	3.7	3.1	2.8	2.6	2.4	2.2	2.4	2.3	2.1	1.9	1.8	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	5.7	5.1	5.1	5.0	4.8	4.0	3.8	3.7	3.6	3.6	3.6	3.8	4.0	4.1	4.2	4.7	5.0	4.8	4.7	5.1	4.8	4.6	3.7	3.5	3.3	3.3	3.1	3.5	3.5	3.4	
Calico Rock	do	18	5.1	4.3	4.3	3.9	3.4	2.7	2.4	2.2	1.9	1.8	1.6	1.5	1.7	3.2	3.2	2.9	4.2	3.9	3.0	3.6	3.8	2.6	2.0	1.4	1.5	1.3	1.2	1.1	1.1	1.0	
Batesville	do	23	10.4	10.2	9.4	9.4	9.0	8.5	7.9	7.7	7.3	6.7	6.5	6.5	6.5	7.8	8.7	8.6	8.5	9.3	8.7	8.3	8.6	8.2	7.8	6.7	6.4	6.2	6.0	5.9	5.9	5.8	
Newport	do	26	10.5	9.0	8.0	7.1	6.6	6.0	5.6	4.8	4.4	4.3	3.8	3.4	5.3	3.3	4.6	4.8	5.0	5.4	5.7	5.0	5.0	4.9	4.4	4.0	3.8	3.0	2.8	2.5	2.4	2.4	
Georgetown	do	22	14.5	14.0	13.1	12.2	11.1	10.4	9.4	8.5	7.8	7.1	6.6	6.0	5.6	5.2	5.2	5.8	6.4	6.8	7.1	7.4	7.5	7.0	6.8	6.5	6.2	5.4	4.8	4.4	4.2	3.6	
De Valls Bluff	do	24	17.0	17.4	17.3	17.0	16.4	15.6	14.8	13.9	13.0	12.2	11.5	10.9	10.4	9.9	9.6	9.6	9.9	10.5	10.8	11.1	11.4	11.3	11.1	11.0	10.6	10.3	9.6	9.0	8.6	8.2	
Clarendon	do	30	18.7	19.2	19.6	19.6	19.5	19.0	18.4	17.7	16.8	15.9	15.1	14.4	13.8	13.2	12.8	12.5	12.6	12.9	13.2	13.5	13.9	14.0	13.9	13.7	13.5	13.2	12.8	12.3	11.8	11.3	
Gilbert	Buffalo	30	5.2	5.0	4.8	4.6	4.3	4.1	3.9	3.8	3.7	3.6	3.8	7.6	6.0	5.4	4.9	5.5	6.0	5.4	4.9	4.6	4.4	4.3	4.1	3.9	3.8	3.6	3.5	3.4	3.3	3.2	
Black Rock	Black	14	4.6	4.4	4.3	3.9	3.9	3.8	3.7	3.7	3.8	3.7	3.7	3.6	3.5	3.4	3.4	3.6	3.8	3.7	3.6	3.5	3.5	3.4	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.6	
Camden	Ouachita	30	4.2	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.9	3.9	4.0	4.2	4.8	4.9	4.9	4.9	5.3	7.8	7.5	6.3	5.9	4.8	4.7	4.6	4.5	4.5	4.5	4.4	4.4	4.1	
Fulton	Red	28	7.6	7.8	7.3	7.0	6.6	6.4	6.2	6.0	5.9	5.6	5.5	5.5	5.5	5.7	5.5	5.8	6.0	6.2	6.5	6.6	6.6	6.4	6.7	6.8	6.6	6.1	5.8	5.4	5.1	5.0	
Helena	Mississippi	44	17.4	16.6	16.0	15.5	15.2	14.8	14.7	14.5	14.2	13.5	12.4	11.1	10.4	10.7	11.5	12.7	13.4	13.9	14.7	15.5	16.0	15.8	14.7	12.9	11.1	9.9	9.1	8.8	8.6	8.3	
Arkansas City	do	48	22.5	21.9	21.3	20.6	19.9	19.3	18.8	18.3	17.8	17.3	16.7	16.0	14.9	13.9	13.4	13.7	14.3	15.0	15.7	16.8	17.9	19.0	19.5	18.9	17.6	16.0	14.5	13.1	12.0	11.3	

Daily temperatures for June, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	85	88	89	92	93	93	82	88	84	91	84	87	93	91	92	86	91	93	92	92	96	98	97	95	93	101	98	100	103	107		92.5
	Minimum	50	54	57	65	59	61	61	53	59	65	69	63	62	66	65	65	66	69	71	71	71	69	71	71	72	70	74	73	71	74		65.6
Bee Branch	Maximum	79	82	86	89	89	90	88	83	82	88	86	85	89	89	83	87	89	92	92	93	93	95	96	95	93	96	95	98	103	103		90.3
	Minimum	48	52	55	59	59	62	64	51	58	62	69	65	65	65	67	65	58	69	70	72	67	68	71	70	70	71	74	72	74	73		64.8
Bentonville	Maximum	76	81	83	86	86	84	73	81	78	81	80	82	87	85	82	84	87	89	89	90	91	91	93	92	91	93	95	95	95	95		86.5
	Minimum	45	56	64	63	63	65	55	52	62	67	64	64	62	67	65	63	66	69	69	69	68	70	71	72	69	69	71	71	69	72		65.1
Blytheville	Maximum	80	84	90	91	92	92	82	83	86	92	92	90	91	94	92	86	93	96	97	94	96	97	96	91	95	97	98	102	102	99		92.3
	Minimum	56	63	69	66	67	69	69	51	59	65	73	69	68	66	69	68	69	72	75	83	74	75	75	67	73	77	77	78	78	77		69.6
Booneville	Maximum	80	87	87	91	91	93	90	87	83	86	81	89	93	90	86	88	91	93	94	95	97	98	99	97	96	99	100	100	102	103		92.3
	Minimum	48	55	58	59	59	65	64	51	62	68	70	63	65	67	69	68	67	69	69	69	70	69	71	71	71	69	71	71	70	72		65.7
Brinkley	Maximum	79	86	90	91	92	92	92	85	87	92	91	88	94	96	86	94	95	98	95	91	95	96	95	93	97	100	100	101	103	104		93.3
	Minimum	49	49	56	61	58	62	65	49	55	61	71	66	65	63	65	66	67	65	69	71	67	68	71	69	70	74	73	72	76	72		64.8
Calico Rock§§	Maximum	79	83	88	90	92	93	79	85	80	89	88	86	91	91	81	89	91	94	94	95	95	96	97	94	95	98	97	99	102	101		91.0
	Minimum	45	48	52	57	58	62	69	48	50	59	71	64	64	64	66	66	66	67	68	69	67	68	70	69	69	70	72	74	72	71		63.8
Camden§§	Maximum	81	87	89	91	92	94	87	87	87	92	92	88	94	92	91	76	91	91	92	92	93	97	94	97	97	100	98	99	100	102		92.1
	Minimum	48	50	55	60	56	60	64	50	55	62	69	63	66	64	67	66	67	70	71	72	70	70	69	71	70	72	72	71	70	72		64.7
Center Point	Maximum	85	88	87	91	91	94	86	86	86	87	86	91	93	92	93	82	90	88	90	90	94	98	94	93	96	97	95	96	98	100		91.2
	Minimum	56	58	63	65	66	70	62	55	64	70	68	63	70	68	69	66	66	73	72	72	72	71	71	73	70	72	75	75	76	77		68.3
Conway	Maximum	79	85	89	89	89	91	90	84	85	90	88	87	91	93	84	88	91	95	95	94	94	96	96	94	96	99	100	101	101	102		91.9
	Minimum	50	54	59	61	61	64	63	53	60	63	70	65	65	68	68	65	69	71	71	73	71	70	73	72	70	74	76	73	76	74		66.7
Corning	Maximum	80	85	91	91	94	92	90	83	88	94	93	88	91	94	82	91	93	99	100	98	99	100	101	89	96	99	100	103	104	106		93.8
	Minimum	45	50	52	58	59	63	62	44	53	61	66	61	61	59	63	62	62	65	67	68	65	69	70	64	68	70	71	71	71	69		62.3
Dardanelle	Maximum	80	86	89	92	91	96	88	86	84	86	85	89	92	91	85	89	92	94	82	92	95	97	98	95	97	99	98	99	101	101		91.6
	Minimum	48	54	59	61	62	68	64	52	61	65	69	64	65	69	69	67	69	69	70	72	70	71	73	73	70	71	74	72	73	73		66.6
Dumas	Maximum	81	90	94	95	96	96	88	87	89	96	97	95	99	98	89	87	94	98	99	98	93	100	98	93	100	102	100	104	105	103		95.5
	Minimum	50	51	57	63	61	64	63	50	55	61	69	67	69	68	68	68	68	71	71	73	68	68	72	71	70	74	73	74	75	76		66.3
Dutton	Maximum	75	78	81	85	84	84	76	83	73	80	78	82	87	83	82	85	86	86	88	88	89	90	91	91	90	93	94	92	94	95		85.4
	Minimum	35	45	52	52	52	58	58	40	53	60	63	57	52	56	59	57	58	59	60	61	59	60	62	62	60	59	62	61	60	62		56.5
El Dorado	Maximum	83	88	89	85	87	87	81	87	89	93	92	92	87	93	95	78	94	93	94	93	94	90	92	95	95	97	96	98	100	102		91.3
	Minimum	55	55	61	63	63	67	65	55	60	67	73	65	73	67	69	67	68	74	74	72	72	70	70	74	74	75	75	75	75	77		68.3
Eureka Springs	Maximum	77	81	84	87	85	84	84	85	81	89	90	87	87	85	84	86	87	87	89	90	90	91	92	92	94	94	97	98	98	99		88.5
	Minimum	48	58	65	67	..	..	67	55	60	66	68	61	65	68	65	64	66	69	69	71	69	71	74	72	70	70	71	71	63	64		66.0
Fayetteville	Maximum	76	80	83	86	86	85	84	83	77	82	82	82	88	88	85	85	86	88	89	90	91	92	94	93	94	95	97	95	96	97		87 6
	Minimum	45	55	65	65	63	65	62	50	60	70	69	61	61	68	65	63	66	61	70	71	66	71	71	71	67	68	69	68	68	72		64.9
Fort Smith	Maximum	80	87	88	90	91	91	77	85	81	85	84	87	91	83	88	87	90	93	93	94	95	96	96	95	94	96	97	97	99	100		90.3
	Minimum	51	59	64	65	66	63	65	56	63	69	70	66	67	70	69	69	71	72	72	73	72	74	75	74	75	74	76	76	76	77		69.1
Gravette	Maximum	76	86	84	86	85	85	81	82	78	82	80	83	88	86	83	84	86	88	88	89	91	91	93	92	93	95	95	93	95	96		87 1
	Minimum	44	56	65	63	61	62	61	49	60	68	65	61	61	66	63	63	66	68	65	69	66	69	72	71	79	69	70	70	69	72		64.8
Helena	Maximum	79	86	90	91	93	94	88	82	89	92	94	91	92	96	88	91	93	98	97	93	96	96	95	93	97	99	98	103	102	100		93.2
	Minimum	53	50	63	64	62	65	64	47	58	66	72	65	68	64	64	65	67	70	71	68	68	68	72	66	69	75	74	72	74	71		65 8
Hope	Maximum	86	91	92	94	94	94	89	89	92	96	94	93	94	92	94	78	93	95	94	95	94	96	96	98	97	99	100	101	101	102		94.1
	Minimum	47	52	59	65	57	66	63	53	60	67	71	63	70	60	67	67	65	72	69	71	70	70	69	72	70	70	72	72	72	73		65.8
Hot Springs	Maximum	80	84	86	87	89	90	86	84	79	87	83	85	91	78	84	87	90	90	91	91	84	93	93	86	84	95	93	95	97	98		88 0
	Minimum	55	62	65	61	65	72	72	59	63	73	72	68	68	75	73	70	71	74	77	78	77	75	77	77	77	75	80	79	79	76		71.6
Jonesboro	Maximum	78	85	89	91	92	91	87	83	86	91	92	88	91	93	89	92	93	96	96	94	96	98	97	93	97	98	99	104	104	99		92.7
	Minimum	51	54	65	65	65	69	70	52	58	62	72	65	69	65	70	67	69	71	72	73	72	74	74	69	73	76	75	77	72	76		68.1
Lead Hill	Maximum	80	86	90	92	92	90	81	88	78	88	86	85	91	88	87	91	92	94	91	96	100	97	99	98	96	101	99	100	104	104		92.2
	Minimum	40	48	53	56	57	65	66	45	55	59	66	63	60	60	65	65	63	65	65	66	67	66	68	70	67	69	70	69	69	69		62.2
Little Rock	Maximum	78	83	87	87	90	90	81	81	82	89	87	85	93	90	86	88	91	93	92	92	92	95	95	92	95	98	96	98	100	102		90.4
	Minimum	57	59	64	65	67	68	64	58	66	68	68	64	72	70	68	67	71	75	75	71	71	73	74	75	73	77	78	77	79	79		69.8
Lutherville	Maximum	78	84	87	89	90	85	90	85	84	81	80	84	90	85	80	89	89	92	92	92	93	94	95	93	96	98	96	99	100	100		89.7
	Minimum	50	54	60	65	67	62	63	62	53	64	67	63	65	68	68	62	69	69	71	72	68	69	71	71	70	71	75	73	85	74		66.7
Magnolia	Maximum	83	89	90	91	90	93	88	86	89	93	90	90	92	91	93	91	93	93	93	90	89	95	93	95	98	97	98	98	100	100		92.4
	Minimum	50	51	62	64	62	66	65	52	63	70	70	61	68	62	69	68	67	73	71	72	72	73	70	72	72	72	73	73	73	74		67.2
Malvern	Maximum	85	88	90	92	93	94	90	89	85	90	88	88	93	90	91	90	93	93	93	95	97	98	96	95	98	101	99	100	103	103		93.3
	Minimum	47	51	55	58	58	61	64	51	57	63	68	64	67	67	67	66	67	70	70	72	71	69	71	72	70	72	71	72	73	73		65.2
Mammoth Spring	Maximum	75	78	85	89	89	87	77	81	81	85	86	83	87	86	78	89	88	91	93	91	92	95	95	93	94	97	98	98	101	100		88.7
	Minimum	47	52	55	59	60	69	50	50	55	59	68	66	64	62	67	64	67	67	68	68	67	69	71	68	68	71	72	70	73	73		64.0
Marianna	Maximum	80	85	89	90	92	92	91	91	86	92	92	90	92	93	95	91	92	93	96	92	94	95	95	93	95	97	95	101	101	100		92.7
	Minimum	53	53	58	63	63	65	54	52	57	61	73	70	66	68	66	68	70	72	72	72	72	70	74	70	72	79	71	74	77	79		67.2
Marshall	Maximum	72	81	78	91	88	86	86	81	78	79	79	83	87	87	82	83	87	86	86	86	91	91	95	96	89	93	89	96	97	97		86 5
	Minimum	42	54	64	64	57	70	66	46	63	66	70	62	59	60	65	61	63	69	70	70	66	66	69	72	65	67	70	67	68	67		61 0
Mena	Maximum	83	87	88	89	90	91	83	86	86	84	82	87	92	85	89	84	89	92	91	92	95	96	95	91	89	94	92	95	98	99		89 8
	Minimum	47	52	62	63	60	65	61	51	59	68	66	61	68	65	66	65	65	67	69	69	68	68	71	63	68	68	70	69	69	71		64.5
Mount Ida	Maximum	81	86	87	89	89	91	84	85	83	85	84	86	91	91	91	85	88	91	91	92	92	96	94	95	95	97	96	97	99	101		90.4
	Minimum	41	46	51	53	52	60	61	45	53	65	69	61	62	63	63	65	64	64	65	65	64	66	66	65	64	61	68	66	66	68		60 8
Newport	Maximum	77	83	87	90	91	90	84	85	83	90	90	84	91	92	86	91	94	97	96	96	96	97	97	94	99	101	100	103	104	102		92.3
	Minimum	50	52	57	63	60	68	67	50	57	62	72	64	61	65	68	67	67	70	71	71	69	72	73	70	70	73	73	74	74	76		66.2
Pine Bluff	Maximum	77	83	87	87	89	90	84	81	83	89	89	87	91	91	90	83	89	92	91	91	88	92	90	91	93	97	95	97	99	99		89.5
	Minimum	53	54	63	65	63	67	65	55	66	65	72	66	71	69	70	67	68	72	74	73	71	70	73	73	73	77	75	76	76	78		68.5
Pocahontas	Maximum	78	83	88	90	91	91	89	83	83	90	89	87	88	92	85	93	93	97	97	95	96	98	99	89	96	98	98	100	102	101		92.1
	Minimum	62	51	64	60	60	64	66	61	55	58	69	65	66	60	66	66	67	67	67	70	66	70	70	67	70	75	74	72	74	72		65.8
Portland	Maximum	81	88	91	94	94	94	89	85	87	93	94	94	95	97	94	81	94	95	96	96	97	94	97	95	96	96	98	99	104	102		93.7
	Minimum	54	52	56	60	60	62	68	52	54	60	67	64	70	65	65	67	66	70	70	71	68	66	68	69	70	73	71	71	70	74		65.1
Presoott	Maximum	84	89	90	92	92	94	91	87	89	93	91	88	92	91	94	81	92	92	94	93	93	96	96	96	97	99	98	98	100	102		92.8
	Minimum	52	52	59	64	61	63	64	56	59	68	68	64	71	69	66	67	65	69	71	71	70	70	69	71	70	72	74	74	75	74		66.6
Rison	Maximum	81	86	89	90	92	92	88	85	86	93	91	91	94	94	93	87	93	93	94	94	94	97	96	97	97	101	99	102	104	104		93.2
	Minimum	50	53	58	64	61	66	63	51	57	64	70	64	70	67	68	65	65	72	73	72	69	68	67	70	70	73	73	73	73	73		66.2
Searcy	Maximum	78	81	86	88	89	89	82	82	81	88	88	84	92	90	82	86	90	93	92	92	92	95	94	90	94	98	96	99	102	100		89.8
	Minimum	56	52	56	60	61	63	65	52	57	61	68	65	66	65	68	65	68	70	71	71	68	70	72	71	71	74	75	74	77	71		66.2
Stuttgart	Maximum	79	87	90	92	92	91	85	84	86	93	93	88	94	94	89	88	93	96	96	95	92	97	93	93	97	99	98	101	103	102		92.7
	Minimum	52	60	64	61	67	65	51	56	62	69	66	68	65	67	67	69	71	72	72	67	69	73	69	71	75	74	73	76	74	73		67.3
Texarkana	Maximum	84	88	88	90	91	92	86	86	89	93	90	90	95	95	95	82	90	91	92	95	96	97	94	94	97	98	96	97	99	101		92.4
	Minimum	51	60	62	65	66	65	63	53	55	60	70	61	71	70	69	65	65	71	70	72	72	75	72	71	72	73	71	72	73	73		67.1
Thornburg	Maximum	78	83	86	88	89	90	87	84	79	87	85	83	90	88	86	86	88	90	90	90	91	93	93	91	93	97	95	92	99	101		89.1
	Minimum	38	46	51	56	51	60	63	44	57	64	63	62	52	60	66	61	60	63	67	67	65	63	67	68	61	60	68	65	67	65		60.1
Warren	Maximum	84	90	91	93	94	94	93	85	91	96	94	98	97	94	93	80	95	96	96	97	95	97	95	96	97	99	98	100	102	102		93.4
	Minimum	51	54	60	65	63	68	64	54	59	64	70	65	70	69	66	65	68	72	73	73	70	69	71	73	71	75	81	75	74	77		67.7
Wilson	Maximum	80	84	89	92	94	92	88	83	88	91	90	86	92	94	89	91	93	96	96	91	97	98	95	90	93	97	96	100	101	103		92.3
	Minimum	60	48	59	64	62	67	74	49	54	64	72	67	66	62	68	66	67	72	73	71	74	72	72	67	71	74	75	74	76	74		67.1
Wynne	Maximum	79	81	90	91	92	90	82	82	87	91	93	87	92	94	90	92	94	98	97	93	96	97	97	90	96	98	98	100	101	101		92.4
	Minimum	42	51	61	64	63	61	65	43	57	66	72	64	66	62	66	65	67	70	70	69	72	69	72	68	71	73	73	73	75	72		65.5

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark .7 29-31-1020

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

3

VOL. XXXVI LITTLE ROCK, ARK., JULY, 1931 No. 7

GENERAL SUMMARY

July, 1931, with a precipitation average of 6.00 inches, is the wettest July since 1905 when the average was 7.60 inches and is quite a contrast to that of 1930 when the State average was only 0.74 inch.

The hot weather of the latter part of June continued unabated for the first four or five days of July and, although the highest temperature recorded was only 106°, probably the greatest number of people died from heat prostrations ever known in Arkansas. Five people died in Jefferson and Lincoln Counties the latter part of June, and four the first part of July; one at Star City on the 1st; one at Morrillton on the 2d; one at Conway and one at Hartley on the 3d. The mean temperature for the State, as determined by the records of 63 stations, was 81.0° which is 0.8° above normal. Of the stations for which normals have been computed, 41 showed positive departures and 11 negative, the negative departures being reported at stations in the eastern half of the State. Monthly means ranged from 75.0° at Dutton to 83.7° at Booneville. The highest temperature recorded was 106° at Hope and Morrillton on the 2d and at Booneville on the 3d; the lowest 48° at Dutton on the 6th.

The average precipitation for the State, based on the reports of 95 stations, was 6.00 inches which is 2.25 inches above normal. Only 9 of the 67 stations with records of 10-years or more reported negative departures. Monthly totals ranged from 2.13 inches at Morrillton to 13.00 inches at Whitecliffs with the least rainfall occurring in the upper basin of the Ouachita river and in the west-central part of the State, and the heaviest in southern and eastern sections. Rainfall was generally light in the western half of the State during the first half of the month but thereafter showers were frequent in nearly all sections. Two stations had 20 rainy days. Thunderstorms were unusually severe, often causing much damage not only from wind but also from lightning and excessive rain, from 2 to 3 inches being reported at numerous stations the first and latter portions of the month.

July is the second month this year in which a large number of people were killed or injured by lightning. On July 1st one person was killed at Blytheville; on the 3d one near Egypt; on the 9th one was killed and one seriously injured at Pottsville; on the 23d one was killed near Congo, one killed near Biscoe, and one seriously injured at Pine Bluff; on the 24th one was killed at Mulberry.

T.A.M

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs							3		1													1				5	7				1
Light Hail		1					2																2	3							
Moderate Hail																															
Heavy Hail							2																								
Thunderstorms	12	30	32	29	25	16	30	22	5	1	1	..	16	16	16	8	34	12	19	37	22	12	44	44	84	17	10	7	25	12	5

Heavy hail:--Rogers and vicinity, 7th, $15,000 damage.

Additional damages, windstorms:--Batesville, 2d, $1,000; England, 2d, $1,000; Wilson, 2d, $5,000; near Slovaktown, 3d, $10,000; Hazen and vicinity, 3d, $5,000; Blytheville, for week ending July 4th, $20,000; near Benton, 4th, $500; Conway, 24th, $3,000.

Electrical storm:--Stuttgart and vicinity, night of 23d-24th, $5,000 damage to power lines and equipment.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.92	30.09	9	29.66	4	2,612	25	ne	24	......	......	84
Fort Smith	29.90	30.15	8	29.67	4	3,864	26	se	8	80	55	76
Little Rock	29.94	30.13	31	29.71	5	4,500	34	ne	24	84	65	69
Memphis	29.94	30.13	31	29.73	23	4,315	34	n	2	83	66	55

COMPARATIVE DATA FOR JULY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**80.2**		**16**		**40**		**3.75**		**15**	**11**	**5**	**8**
1891	76.5	−3.7	103	22	50	9	7.24	+3.49	13	8	10	10
1892	79.0	−1.2	104	19	52	4	3.58	−0.17	10	11	10	10
1893	80.9	+0.7	103	28	59	19	2.94	−0.81	17	11	3	6
1894	78.4	−1.8	108	1	51	24	3.98	+0.23	17	9	5	6
1895	78.9	−1.3	104	19	55	9	7.34	+3.59	12	10	9	12
1896	83.4	+3.2	110	31	52	9	1.61	−2.14	16	11	4	4
1897	82.4	+2.2	109	30	50	13	3.25	−0.50	16	11	4	5
1898	79.9	−0.3	105	22	50	11	4.25	+0.50	12	13	6	8
1899	79.0	−1.2	100	16	52	10	5.14	+1.39	15	11	5	8
1900	79.7	−0.5	102	3	51	28	4.46	+0.71	10	15	6	9
1901	83.7	+3.5	116	12	50	10	2.49	−1.26	15	13	3	6
1902	79.4	−0.8	105	16	50	21	4.49	+0.74	14	12	5	6
1903	79.6	−0.6	105	9	53	13	3.86	+0.11	13	12	6	9
1904	77.9	−2.3	104	20	49	24	4.43	+0.68	13	13	5	10
1905	76.7	−3.5	106	14	51	4	7.60	+3.85	10	13	8	13
1906	76.7	−3.5	99	22	48	3	5.96	+2.21	13	9	9	10
1907	81.4	+1.2	108	23	53	4	1.96	−1.79	21	8	2	4
1908	79.2	−1.0	103	16	48	4	3.00	−0.75	15	12	4	8
1909	81.9	+1.7	106	31	50	21	2.51	−1.24	19	9	3	5
1910	79.4	−0.8	105	29	41	18	5.46	+1.71	15	12	4	10
1911	78.4	−1.8	106	3	43	25	4.83	+1.08	9	14	8	11
1912	81.3	+1.1	104	25	56	1	2.82	−0.93	15	13	3	6
1913	81.5	+1.3	104	6	55	21	4.31	+0.56	13	14	4	8
1914	82.6	+2.4	107	14	54	31	2.69	−1.06	11	15	5	7
1915	77.1	−3.1	107	30	43	5	2.40	−1.35	20	7	4	5
1916	82.8	+2.6	106	19	55	9	2.09	−1.66	19	9	3	6
1917	79.6	−0.6	106	1	50	4	5.10	+1.35	15	9	7	8
1918	79.6	−0.6	111	25	49	1	1.53	−2.22	19	7	5	4
1919	81.2	+1.0	104	11	54	18	1.91	−1.84	19	8	4	5
1920	79.8	−0.4	105	24	52	9	4.22	+0.47	15	10	6	7
1921	82.0	+1.8	107	4	54	23	2.42	−1.33	19	8	4	6
1922	80.2	0.0	106	31	48	5	4.12	+0.37	14	11	6	7
1923	79.9	−0.3	105	24	48	1	3.53	−0.22	16	9	6	6
1924	79.0	−1.2	110	23	40	1	2.35	−1.40	18	8	5	5
1925	81.8	+1.6	109	16	47	31	4.99	+1.24	11	11	9	10
1926	79.8	−0.4	109	4	42	15	3.55	−0.20	17	9	5	8
1927	79.6	−0.6	104	11	49	4	4.25	+0.50	17	9	5	6
1928	80.3	+0.1	102	23	52	14	3.66	−0.09	17	8	6	8
1929	81.2	+1.0	105	17	51	21	3.07	−0.68	17	10	4	7
1930	84.7	+4.5	115	29	42	16	0.74	−3.01	21	8	2	2
1931	81.0	+0.8	106	2†	48	6	6.00	+2.25	12	11	8	11

Corrections: June 1931

Dutton monthly mean temperature should be 71.0: departure from normal −0.5.

Climatological Data for July. 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	36	82.4	+1.6	105	1†	63	9†	38	2.97	−0.63	1.02	0.0	8	3	23	5	s.	J. W. Campbell
Arkadelphia	Clark	250	35	......	......	......	......	......	......	......	5.41	+1.58	1.16	0.0	13	19	4	8	s.	W. K. Bown
Arkansas City	Desha	145	47	......	......	......	......	......	......	......	5.52	+1.90	1.53	0.0	16	13	6	12	......	Herbert Neff
Arlberg	Stone	700	9	......	......	......	......	......	......	......	7.26	......	2.00	0.0	7	8	20	3	ne.	J. D. Reeves
Batesville	Independence	277	32	78.8	−0.9	101	2	57	10†	35	6.50	+3.24	1.64	0.0	10	14	10	7	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	81.3	+0.9	101	1	60	11†	36	2.33	−1.68	0.60	0.0	8	7	14	10	s.	J. E. Scanlan
Bentonville	Benton	1303	26	79.0	+1.6	98	4	55	6	36	4.77	+1.07	2.17	0.0	9	26	3	2	s.	U. S. Weather Burea
Big Lake Outlet.‡‡	Mississippi	....	1	......	......	......	......	......	......	......	5.59	......	1.32	0.0	9	17	1	13	......	Harry Johnson
Black Rock	Lawrence	259	29	......	......	......	......	......	......	......	7.97	+4.26	2.80	0.0	9	15	0	16	s.	Vernon C. Howe
Blytheville	Mississippi	252	6	81.3	......	99	1	63	10	31	6.45	......	1.29	0.0	11	3	14	14	s.	Charles Phillips, Jr.
Booneville	Logan	465	17	83.7	+1.9	105	3	60	11	39	3.79	+0.44	2.22	0.0	10	10	17	4	w.	F. H. Randolph
Brinkley	Monroe	205	14	81.2	+0.6	103	1	61	12	34	10.01	+6.18	3.33	0.0	14	10	14	7	se.	R. J. Torry
Calico Rock	Izard	361	27	80.8	+0.9	101	1	56	10	40	4.38	+0.91	1.93	0.0	9	7	21	3	se.	W. J. Copp
Camden	Ouachita	155	46	81.2	+0.3	105	2	62	11	33	9.43	+5.64	4.36	0.0	13	17	4	10	sw.	Georgia Quarterman
Carthage	Dallas	....	1	......	......	......	......	......	......	......	3.12	−0.94	1.75	0.0	9	20	4	7	......	C. R. Tewalt
Center Point	Howard	470	32	8.26	−0.8	102	2†	66	9	30	5.66	+1.94	1.47	0.0	10	7	21	3	s.	John C. Floyd
Clarendon	Monroe	200	27	......	......	......	......	......	......	......	8.50	+5.52	2.88	0.0	16	10	6	15	sw.	J. W. Bishop
Clinton	Van Buren	516	10	......	......	......	......	......	......	......	3.86	......	1.00	0.0	7	16	11	4	se.	A. L. Stephens
Conway	Faulkner	309	48	83.0	+1.1	103	1	60	12	40	3.45	+0.08	2.63	0.0	7	17	14	0	se.	E. E. Cordrey
Corning	Clay	293	38	81.5	+2.1	105	1†	55	10	42	4.10	+0.64	2.25	0.0	7	18	8	5	sw.	Winfred D. Polk
Cotter	Baxter	408	4	......	......	......	......	......	......	......	5.06	......	1.76	0.0	10	19	3	9	s.	O. B. McSpadden
Crossett	Ashley	175	16	82.0^{a}	+0.5	101^{a}	1†	64^{a}	11	35^{b}	7.88	+3.53	3.91	0.0	16	9	15	7	s.	G. A. Gifford
Danville	Yell	327	15	......	......	......	......	......	......	......	4.05	+0.89	2.26	0.0	5	19	2	10	s.	C. G. Hudson
Dardanelle	Yell	330	45	82.9	+1.4	101	2	60	11	35	5.85	+2.48	2.00	0.0	5	8	18	5	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	......	......	......	......	......	......	......	8.10	......	2.50	0.0	13	17	3	11	......	H. G. Pate
Dumas	Desha	162	25	82.5	+0.9	104	1	60	14	35	9.16	+5.56	1.68	0.0	18	2	15	14	s.	Ben Johnson
Dutton	Madison	1590	28	75.0	0.0	97	2	48	6	45	3.55	−0.66	1.45	0.0	7	14	17	0	s.	J. M Ricketts
El Dorado	Union	270	30	82.6	+0.6	101	1	66	11	29	3.71	−0.2	0.62	0.0	13	2	11	18	sw.	J. J. Babb
England	Lonoke	229	24	80.7^{a}	−0.7	99^{a}	1	62^{a}	11	35^{a}	3.29	+1.11	0.97	0.0	17	10^{a}	12^{a}	8^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	79.9	+1.8	100	2	56	6	35	6.58	+2.21	1.38	0.0	11	15	12	4	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	79.8	+1.8	100	2	55	6	37	5.71	+1.56	2.31	0.0	14	15	10	6	s.	University of Arkansa
Fort Smith	Sebastian	457	50	83.3	+1.8	102	1	64	6	31	3.10	−0.27	1.82	0.0	9	10	14	7	e	U. S. Weather Burea
Freeman Springs‡‡	Pope	2240	7	......	......	......	......	......	......	......	4.74	......	2.18	0.0	7	21	6	4	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	15	......	......	......	......	......	......	......	6.52	+3.26	2.98	0.0	10	17	4	10	......	T. J. Logan
Georgetown	White	200	19	......	......	......	......	......	......	......	8.51	+5.82	5.70	0.0	12	9	6	16	......	W. R. Owens
Gilbert	Searcy	675	8	......	......	......	......	......	......	......	4.84	......	1.81	0.0	8	13	15	3	......	Ben F. Battenfield
Grannis	Polk	900	12	79.6	+0.3	102	2	56	11	41	9.68	+5.61	5.51	0.0	11	8	19	4	w.	W. E. McVay
Gravette	Benton	1250	34	79.8	+2.5	98	4†	51	6	41	2.20	−1.91	0.95	0.0	7	15	9	6	sw.	A. F. Stevens
Harrison	Boone	1052	30	......	......	......	......	......	......	......	......	......	......	......	..	..	..	.	......	
Helena	Phillips	250	59	80.2	−1.2	104	1	61	11	33	10.51	+6.75	2.04	0.0	17	4	7	20	sw.	James A. Burnett
Higden	Cleburne	445	13	......	......	......	......	......	......	......	3.49	+0.63	0.93	0.0	11	8	21	2	w.	Geo. W. Baker
Highland	Pike	....	2	82.4	......	103	5	66	21	30	5.21	......	1.91	0.0	11	8	23	0	s.	Tom W. Stewart
Hope	Hempstead	377	60	83.0	+2.1	106	2	60	11	37	10.19	+5.87	4.07	0.0	13	13	14	4	s.	N. P. O'Neal
Hot Springs	Garland	600	40	82.0	+0.7	97	1†	66	11	25	7.62	+3.41	1.30	0.0	15	4	24	3	......	G. C. Bolton
Index ‡‡	Little River	275	6	......	......	......	......	......	......	......	9.04	......	2.37	0.0	15	13	1	17	......	H. G. Sanderson
Jessieville	Garland	750	5	......	......	......	......	......	......	......	4.84	......	1.70	0.0	8	10	12	9	......	U. S. Forest Service
Jonesboro	Craighead	315	36	81.6	+0.7	105	1	63	23	32	4.80	+1.57	2.05	0.0	10	14	11	6	se.	Benedictine Sisters
Junction ‡‡	Union	182	37	81.8	+0.1	101	1	66	9†	28	4.63	+0.48	0.92	0.0	11	18	8	5	sw.	J. A. Lowderback
Lead Hill	Boone	650	4	81.1	......	105	1	54	6†	41	4.38	......	1.29	0.0	13	17	12	2	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	81.7	+0.8	101	1	68	11	27	3.74	+0.21	1.29	0.0	17	6	9	16	sw.	U. S. Weather Burea
Lurton	Newton	2100	6	77.0^{a}	......	95^{a}	2	64	6†	26^{a}	3.25	......	0.83	0.0	11	14	15	2	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	81.6	+1.9	102	4	62	11	32	4.36	+0.67	2.31	0.0	10	14	13	4	se.	H. G. Lenhardt
Madison	St. Francis	....	1	......	......	..	..	......	..	..	9.90	......	2.50	0.0	13	10	4	17	......	William G. Hager
Magnolia	Columbia	315	12	82.6	+0.8	102	1†	65	12	34	6.79	+3.55	3.80	0.0	9	6	12	13	ne.	State Agri. School
Malvern	Hot Springs	277	41	82.3	+1.2	103	1	60	11	39	8.99	+5.17	1.70	0.0	20	20	8	3	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	26	79.6	+1.4	101	1	59	10	34	6.51	+3.13	2.55	0.0	6	18	10	3	sw.	S. F. Whittaker
Marianna	Lee	235	19	80.1	−1.1	101	1	61	28	31	7.92	+4.87	2.37	0.0	14	2	29	0	se.	C. N. Houck
Marked Tree	Poinsett	229	26	80.5	−0.4	101	1	62	12	33	8.96	+5.87	2.65	0.0	15	12	10	9	n.	Charles Walton
Marshall	Searcy	1070	17	77.5	−1.4	101	29	56	11	33	6.94	+3.16	2.50	0.0	8	11	14	6	s.	A. J. Parks
Mena	Polk	1185	43	81.0	+0.8	100	2†	59	9†	36	5.03	+1.09	1.83	0.0	8	9	16	6	sw.	E. W. St. John
Morrilton	Conway	347	10	83.2	......	106	2	61	12	37	2.13	......	0.75	0.0	6	11	12	8	se.	John Cook
Mountain Home	Baxter	800	17	78.1	+0.1	102	1	56	9	36	4.14	−0.28	1.55	0.0	8	9	18	4	s.	B. S. Halbert
Mount Ida	Montgomery	650	32	80.9	+1.4	104	1†	54	9	43	6.13	+2.56	2.07	0.0	8	7	17	7	e.	G. A. Whittington
Newport	Jackson	231	47	81.7	+0.4	104	2	64	10†	33	6.91	+3.85	3.02	0.0	10	12	11	8	n.	J. D. Henderson
Norman	Montgomery	750	4	......	......	......	......	......	......	......	3.70	......	2.50	0.0	6	5	25	1	......	U. S. Forest Service
Oden	Montgomery	800	5	......	......	......	......	......	......	......	3.02	......	1.21	0.0	9	24	5	2	se.	U. S. Forest Service
Okay	Howard	288	2	82.3	......	103	2	60	9	39	10.78	......	4.19	0.0	13	9	19	3	sw.	Charles R. Jackson
Osceola	Mississippi	240	33	81.8	+0.9	108	1	62	9	31	3.62	+0.15	0.67	0.0	9	13	13	5	s.	Charles H. Hampton
Ozark	Franklin	396	35	83.2	+1.4	105	1†	60	11	36	4.54	+1.11	1.90	0.0	8	18	3	10	e.	Orkney O. Milton
Paragould	Greene	301	5	......	......	......	......	......	......	......	3.72	......	1.62	0.0	6	19	12	0	se.	W. R. Heagler
Parkin	Cross	....	1	......	......	......	......	......	......	......	6.62	......	2.58	0.0	10	10	5	16	......	P. D. Roberts
Patterson	Woodruff	196	15	......	......	......	......	......	......	......	5.05	+1.98	2.05	0.0	10	20	0	11	s.	W. E. Baker
Piggott	Clay	307	7	......	......	......	......	......	..	......	4.15	......	2.65	0.0	7	18	10	3	sw.	V. C. Wright
Pine Bluff	Jefferson	215	44	80.8	−1.6	100	1	66	11†	27	8.87	+5.43	1.44	0.0	16	7	7	17	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	38	80.4	+0.1	102	1†	60	11†	38	6.47	+2.27	2.60	0.0	7	9	13	9	sw.	Benedictine Sisters
Portland	Ashley	122	25	81.2	0.6	99	1†	64	11	34	4.87	+1.03	1.27	0.0	12	5	10	16	s	W. E. Edmiston
Prescott	Nevada	329	43	82.7	+0.7	102	1†	64	11	35	8.62	+5.41	3.08	0.0	15	15	10	6	s.	Craig Williams
Rison	Cleveland	213	30	81.6	0.0	102	1†	64	11	33	8.20	+4.93	2.20	0.0	13	7	13	11	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	79.2	+2.2	102	2	54	6	38	9.63	+5.55	2.28	0.0	7	17	11	3	w.	Carl A. Starck
Saint Charles	Arkansas	175	2	81.0	...	103	1	63	12	31	8.90	......	1.80	0.0	16	10	5	16	s.	Ballard Deane
Saint Francis	Clay	290	3	......	......	......	......	......	......	......	4.78	....	2.12	0.0	8	18	4	9	......	S. T. Rooney
Searcy	White	236	22	80.8	−0.1	101	1†	63	12	31	4.15	+1.68	1.63	0.0	10	23	0	8	se.	Arthur D. Smith
Springbank ‡‡	Miller	240	24	......	......	......	......	......	......	......	7.37	+3.72	2.09	0.0	17	14	5	12	......	Miss Grace Field
Story	Montgomery	700	7	......	......	......	......	......	......	......	2.20	....	0.60	0.0	7	16	12	3	s.	S. C. Story
Stuttgart	Arkansas	228	41	81.8	+0.8	102	1	63	10†	30	5.75	+2.13	1.24	0.0	17	11	9	11	s.	Adam F. Buerkle
Subiaco	Logan	1050	34	82.8	+1.3	105	2	61	11	36	5.86	+2.55	2.21	0.0	7	10	12	9	s.	New Subiaco Abbey
Texarkana	Miller	332	45	83.4	+0.9	104	2	64	9	36	8.04	+4.62	3.20	0.0	11	9	7	15	s.	H. S. Brashear
Thornburg	Perry	650	7	79.4	......	103	2	52	10	42	4.00	....	1.17	0.0	11	8	20	3	s.	Edward E. Holmes
Waldron	Scott	675	12	......	......	......	......	......	......	......	3.13	−0.31	0.83	0.0	12	9	16	6	se.	Dr. Cheves Bevill
Warren	Bradley	206	37	81.4	−0.7	100	2†	64	11	35	10.71	+7.37	1.85	0.0	20	4	22	5	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	......	......	......	......	......	......	......	3.28	......	1.68	0.0	3	5	14	12	sw.	J. R. Huddleston
Whitecliffs	Little River	290	27	......	......	......	......	......	......	......	13.00	+10.59	5.52	0.0	12	15	5	11	se.	Nannie O. Schirmer
Wilson	Mississippi	237	6	79.8^{d}	......	102^{d}	1	59^{d}	11	35^{d}	5.23	......	1.45	0.0	10	17^{b}	3^{b}	9^{b}	......	M. W. H. Collins
Winslow	Washington	1734	16	77.0^{k}	+1.0	97^{k}	2	50^{k}	17	35^{k}	5.97	+1.40	1.78	0.0	12	19	7	5	s.	J. D. Black
Wynne	Cross	250	23	80.6	−0.4	100	1	61	10†	30	7.42	+4.03	2.12	0.0	7	14	10	7	s.	R. T. Cobbs
Yancopin	Desha	167	7	......	......	......	......	..	.	......	7.91	......	1.63	0.0	19	4	13	14	......	W. E. Barton
State Means				81.0	+0.8	106	2†	48	6	43	6.00	+2.25	5.70	0.0	11	12	11	8	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b}.^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. **24 hours ending midnight. ||||24 hours ending 7 a. m.

Daily Precipitation for July, 1931

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	.20	....	....	1.02	....	....	.10	.25	....	....	.85	....	.20	.05	2.92
Arkadelphia	Ouachita	....	....	....	....	....	.10	1.16	03	....	....	....	....	....	....	.03	.40	.14	.72	....	....	.56	.48	....	.14	.68	.92	....	....	....	.05	....	5.41
Arkansas City	Mississippi	....	....	....	T.	.94	....	....	.41	....	....	....	....	.11	.39	.23	.25	.14	.40	....	.03	.28	.12	T.	.53	.07	1.53	.04	....	.05	....	....	5 52
Arlberg	White	....	....	.88	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00	....	....	1.80	....	....	.21	.10	1.15	....	....	....	1.12	....	....	7.26
Batesville	White	.42	....	.48	.04	1 64	.67	....	....	....	....	....	....	....	....	....	T.	.51	.57	....	....	1.17	....	....	.11	.89	....	....	....	....	....	....	6.50
Bee Branch	Arkansas	....	.05	T.	.56	.05	.02	....	....	....	....	....	....	....	....	....	....	.60	....	....	.40	.60	....	....	....	....	.05	....	....	....	....	T.	2.33
Bentonville ***	Arkansas	....	....	....	.01	....	....	T.	.01	....	....	....	....	T.	....	....	....	.12	.07	....	1.83	.34	....	.35	.04	2.00	....	....	....	....	T.	....	4.77
Big Lake Outlet	St. Francis	....	T.	.33	....	.28	T.	.66	.15	....	....	....	....	....	....	....	....	....	.65	....	.09	1.01	T.	1.10	1.32	T	....	....	....	....	....	....	5.59
Black Rock	White	....	....	1.46	.03	1.03	52	....	....	....	....	....	....	....	....	....	.44	.18	27	....	....	2.80	....	....	1.18	....	....	....	....	....	....	....	7.91
Blytheville	Mississippi	.20	1.02	.38	.57	....	1.29	....	....	....	....	....	....	....	....	....	....	....	.32	....	....	1.14	.06	.53	.68	....	....	.26	....	....	....	....	6.45
Booneville	Arkansas	....	....	.02	....	....	....	.12	.25	....	....	....	....	....	T.	.05	....	.80	.01	T.	01	2.22	....	....	.11	.20	....	....	....	....	....	....	3.79
Brinkley	White	....	....	.04	.21	3.33	.72	.40	....	....	....	....	....	....	....	....	....	.31	.53	....	....	.75	.10	....	.72	.67	....	.02	....	.08	2.13	....	10.01
Calico Rock	White	....	....	T.	.32	.14	T.	....	T.	....	....	....	....	....	....	....	....	.27	.11	....	....	1.93	.02	....	.02	1.32	T.	....	....	....	.25	T	4.38
Camden	Ouachita	....	....	.21	.02	....	....	....	1.80	....	....	....	....	....	.23	.01	.06	.13	.27	....	....	.50	.60	....	1.20	....	4.36	.04	....	....	....	....	9.43
Carthage	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	.03	.02	....	....	.02	1.10	....	....	....	1.75	.06	.05	....	06	....	3.12
Center Point	Red	....	....	T.	....	....	....	....	.76	....	....	....	....	.38	.06	.03	.20	1.20	....	....	....	....	....	....	1.14	.85	1.47	....	....	T	.07	....	5.66
Clarendon	White	....	.30	....	.12	1.61	36	.34	....	.12	....	....	....	....	....	....	.02	.60	.38	....	....	.75	.22	....	.56	.12	....	.01	....	.08	2.88	....	8.50
Clinton	White	....	.98	1.00	.09	....	....	....	....	....	....	....	....	....	....	.11	....	.41	....	....	.98	....	....	....	....	....	....	....	....	....	.29	T	3.86
Conway	Arkansas	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	....	....	.48	....	....	.08	.41	....	....	2.03	.12	....	....	....	.21	....	....	3.45
Corning	White	....	T.	.11	.96	.27	....	....	....	....	....	....	....	....	....	....	....	T.	.20	....	....	2.25	.06	.25	....	....	....	....	....	....	....	....	4.10
Cotter	White	....	....	....	.43	1.25	....	....	.05	....	....	....	....	....	....	....	....	.15	.50	....	....	1.76	....	....	.06	.45	.14	....	....	....	....	.27	5.06
Crossett	Ouachita	10	....	12	.03	....	....	....	.04	....	....	....	....	....	3.04	.45	.12	.28	.37	....	....	....	.58	....	.89	1.15	.32	.02	.85	.02	....	....	7.88
Danville	Arkansas	....	....	....	T.	2.26	....	....	....	....	....	....	....	....	....	....	....	....	.84	....	.10	.68	....	....	.17	T.	....	....	....	....	....	....	4.05
Dardanelle	Arkansas	....	....	....	1.80	....	....	....	....	....	.27	....	....	....	....	....	T.	.76	....	....	T.	2.00	....	....	1.02	....	....	....	....	....	....	....	5.85
De Valls Bluff	White	....	....	....	.74	2.50	.08	.15	....	.02	....	....	....	....	....	....	.26	.18	.79	....	....	.15	.10	....	1.81	85	....	....	....	....	.47	....	8.10
Dumas	Mississippi	....	T.	....	.01	12	.12	.15	.09	....	....	....	....	....	.90	.76	.45	.40	.40	....	1 63	T.	.68	.10	1.40	.12	1.68	T.	....	.13	.02	....	9.16
Dutton	White	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	1.45	.31	....	.05	.72	....	....	.02	.79	.21	....	....	....	....	....	3.55
El Dorado	Ouachita	.05	....	.62	....	....	.37	....	.50	....	....	....	....	....	.02	.28	.40	.19	.34	....	T.	T	....	....	T.	....	.37	.40	.06	....	....	.11	3.71
England	Arkansas	....	97	21	.19	.04	.24	.04	.21	....	....	....	....	....	....	.05	.01	.32	.06	T.	.55	.36	T.	.20	....	.06	....	....	....	.08	.20	....	3.79
Eureka Springs	White	....	....	....	....	.14	....	1.05	.08	....	....	....	....	....	....	....	....	1.38	.15	....	.68	.92	....	....	.67	.77	.04	....	....	....	....	.50	6.38
Fayetteville	White	....	....	....	....	.38	....	.02	.15	....	....	....	....	....	.20	....	....	.98	20	.02	.25	.43	....	....	2.34	.25	.27	....	....	....	.18	.04	5.71
Fort Smith ***	Arkansas	....	....	.01	....	....	....	.04	.27	....	....	....	....	....	....	T.	T.	.75	.26	T.	1.61	.01	....	T.	.10	.05	T.	....	....	....	T.	T.	3.10
[illegible]enan Sprgs.	Arkansas	....	....	....	....	.38	....	....	.11	....	....	....	....	....	....	T.	T.	.50	.39	T.	T.	2.18	....	....	....	....	.79	....	....	....	.39	....	4.74
Fulton	Red	....	....	....	T.	....	....	.06	T.	T.	....	....	....	....	.08	.16	.17	.68	.15	....	....	T.	.48	....	T.	....	2.98	.86	....	....	T.	.90	6.52
Georgetown	White	....	....	.20	.12	5.70	.09	....	....	....	....	....	....	....	....	....	....	.81	.10	....	....	.82	.19	....	.06	.26	....	.12	....	....	.04	....	8.51
Gilbert	White	....	....	T.	.75	1.81	....	....	.06	....	....	....	....	....	....	....	.16	.61	.14	....	....	1.26	....	....	T.	....	.05	....	....	....	T.	....	4.84
Grannis	Red	....	.21	.07	....	....	T.	....	.38	....	....	....	....	.06	.05	T	.08	1 65	.08	....	.24	.90	T.	T	T.	.04	5.51	....	....	.21	.20	....	9.68
Gravette	Arkansas	....	....	....	....	....	....	T.	.12	....	....	....	....	....	....	....	....	08	.13	....	.40	.98	....	....	.48	....	....	....	....	....	.01	....	2.20
Harrison	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	....	....	....	....	.98	2.04	.52	.08	1.06	....	....	....	....	....	.14	.06	.90	.75	....	.80	.02	1.14	....	.82	....	.40	.70	T.	.04	.06	....	10.51
Higden	White	T.	.22	.02	.93	.36	.31	....	....	....	....	....	....	....	....	T.	.05	.86	22	.49	....	....	....	....	T.	.02	....	....	....	.01	T.	T.	3.49
Highland	Ouachita	....	....	....	....	....	....	....	....	.70	....	....	....	.07	.06	.22	.16	.49	.16	....	....	1.06	....	....	.26	.15	1.91	....	....	....	....	....	5.24
Hope	Red	....	....	....	T	....	.19	T.	....	....	....	....	....	.28	.18	.17	.05	1.54	....	....	.30	1.20	....	....	.15	.72	4.97	....	....	.40	.04	....	10.19
Hot Springs	Ouachita	....	....	....	1 18	....	....	.82	....	....	....	....	....	.27	.70	.25	.48	.37	....	.20	.06	....	.76	.05	.28	1.30	....	.34	.56	....	....	....	7.62
Index	Red	....	....	....	.22	....	....	.12	....	.12	....	....	....	....	....	.11	.85	1.68	.11	....	.06	.02	1.40	....	.01	....	1.63	2.37	....	....	.11	.23	9.04
Jessieville	Ouachita	....	....	....	.39	....	....	....	.15	....	....	....	....	....	....	.30	....	T.	....	....	....	.60	.80	1.70	.70	.20	....	....	....	....	....	....	4.84
Jonesboro	White	T.	.14	.66	....	.28	.34	.02	....	....	....	....	....	....	....	....	....	.43	34	....	....	.50	.04	....	2.05	....	T.	....	....	....	....	....	4.80
Junction	Ouachita	T.	.88	....	....	.40	....	....	.30	....	....	....	....	.37	.24	.33	.20	.42	....	....	....	.40	....	....	....	.17	.92	....	....	....	....	....	4.63
Lead Hill	White	....	T.	.32	.26	.04	....	.07	....	....	....	....	....	T	....	....	....	1.20	....	....	.04	1.08	....	.03	.16	.89	.08	....	....	....	.05	.16	4.38
Little Rock ***	Arkansas	....	.04	.07	.36	....	T.	.28	....	T.	....	....	....	....	02	.04	.29	.10	.05	.03	.79	.20	.12	.01	1.27	.03	T.	....	....	.04	....	....	3.74
Lurton	White	....	....	....	.63	....	....	T.	....	....	....	....	....	....	....	....	.05	.73	T.	....	.38	.83	....	....	08	.15	.02	....	.36	.01	.01	....	3.25
Lutherville	Arkansas	....	.03	.20	T.	....	....	.22	....	.24	....	....	....	....	....	.17	....	.60	T	....	.05	2.31	....	.28	....	.26	....	....	....	....	....	....	4.36
Madison	St. Francis	....	.70	.20	....	1.45	1.20	1.20	.52	....	....	....	....	....	....	....	....	2.50	.09	....	....	.34	.05	....	1.50	....	....	....	....	.05	.10	T.	9.90
Magnolia	Red	....	....	....	....	....	.58	.38	....	....	....	....	....	.57	.20	.27	T.	.57	....	....	.06	.36	....	....	....	....	3.80	....	....	....	....	....	6.79
Malvern	Ouachita	....	....	.09	.01	.01	.04	.02	.23	....	....	....	....	....	....	.26	.04	.10	1.30	....	....	1.70	.15	.08	.97	1.28	.78	....	.14	1.60	.05	.14	8.99
Mammoth Spg.	White	....	....	....	1.50	1.30	....	....	....	....	....	....	....	....	....	....	....	....	.22	....	T.	2.55	....	....	.50	....	....	....	....	....	....	.47	6.54
Marianna	Mississippi	....	.17	....	....	.46	.80	....	1.05	.02	....	....	....	.01	....	....	.20	1.57	....	....	2.37	.31	....	.38	.26	.10	.22	....	....	....	....	....	7.92
Marked Tree	Mississippi	.10	.23	2.63	.30	1.53	.21	.35	....	....	....	....	....	....	....	.20	.05	.24	.25	....	....	.48	.02	....	2.26	....	....	....	....	.11	....	....	8.96
Marshall	White	....	....	....	2.25	2.50	....	....	.02	....	....	....	....	....	....	....	....	.76	....	....	.34	1.00	....	....	....	.02	05	....	....	....	....	....	6.94
Mena	Ouachita	....	....	....	....	....	....	....	....	.52	....	....	....	....	....	T.	.06	.17	.61	.01	....	1.83	....	....	....	....	1.75	.08	....	....	....	....	5.03
Morrillton	Arkansas	....	....	T.	.30	T.	....	....	.50	....	T.	....	....	....	....	....	.10	.22	....	....	T.	.26	....	....	.75	T.	....	....	....	....	....	....	2.13
Mountain Home	White	....	....	.30	....	....	....	T.	....	....	....	....	....	....	....	....	1.00	....	....	T.	1.56	....	.26	.25	.06	....	....	....	T.	.41	.30	....	4.14
Mount Ida	Ouachita	....	....	....	....	....	....	.34	....	....	....	....	....	....	....	....	.12	.14	....	.02	....	2.07	....	....	.21	....	....	1.83	....	1.40	....	....	6.13
Newport	White	....	....	.08	....	3.02	.26	....	....	....	....	....	....	....	....	....	.17	.88	.06	....	....	.21	....	....	....	2.44	.28	....	....	....	.01	....	6.91
Norman	Ouachita	....	....	....	....	....	T.	....	.10	....	....	....	....	....	....	T.	T.	.38	....	....	.52	2.50	....	....	.09	....	....	.11	....	....	T.	....	3.70
Oden	Ouachita	....	....	.74	....	....	....	....	.02	....	....	....	....	....	....	.11	.25	.14	....	....	1.21	....	....	.08	....	....	.46	.01	....	....	....	....	3.02
Okay	Red	....	....	....	....	....	T.	.07	.06	.06	....	....	....	....	.52	.93	.37	.73	....	....	T.	1.80	....	.05	1.00	.22	4.19	....	....	....	.78	....	10.78
Osceola	Mississippi	....	.36	.65	.07	.30	.60	.25	....	....	....	....	....	....	....	....	....	T.	.50	....	....	.22	T.	....	.67	T.	....	....	....	....	....	....	3 62
Ozark	Arkansas	....	....	....	T	....	....	....	.20	.01	....	....	....	....	....	....	....	1.46	.50	.06	....	1.90	....	....	.36	....	....	....	....	....	....	.05	4.54
Paragould	Mississippi	T.	....	.48	.40	.76	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.62	....	.43	.03	....	....	....	....	....	....	....	3.72
Parkin	St. Francis	....	....	.27	....	.87	2.58	....	.50	....	....	....	....	....	....	....	....	.60	.25	....	.11	.08	....	....	.61	....	.75	....	....	....	....	....	6.62
Patterson	White	....	....	....	....	2.05	.11	....	....	....	....	....	....	....	....	....	....	.41	.17	....	....	.27	.05	....	.34	.85	....	.11	....	....	.66	....	5 05
Piggott	Mississippi	....	.36	.17	....	.11	.13	....	....	....	....	....	....	....	....	....	....	....	....	....	.07	2.65	....	.66	....	....	....	....	....	....	....	....	4.15
Pine Bluff	Arkansas	....	....	.06	.72	....	.13	1.41	....	1.20	....	....	....	....	....	.15	.06	.31	.20	.29	....	.82	1.31	....	.58	....	.43	.02	....	....	1.15	....	8.87
Pocahontas	White	....	....	2.00	....	.60	....	....	....	....	....	....	....	....	....	....	....	.12	....	....	2.60	....	....	.30	.77	....	....	....	....	....	....	.08	6.47
Portland	Ouachita	1.27	....	....	....	.35	....	....	.05	....	....	....	....	....	.08	....	.19	.13	.85	.11	....	....	.04	....	1.03	.27	.50	....	....	....	....	....	4.87
Prescott	Ouachita	....	....	....	.20	....	....	.08	.73	....	....	....	....	....	.12	.01	.63	1.34	.47	....	....	....	.40	....	.17	.08	3.08	.32	....	....	.98	.01	8.62
Rison	Ouachita	.75	....	....	....	....	1.06	....	....	.24	....	....	....	....	....	.60	.50	.42	.18	....	.25	.20	1.40	....	.10	30	2.20	....	....	....	....	....	8.20
Rogers	White	....	....	....	....	1.49	....	2.28	....	....	....	....	....	....	....	....	....	.82	.12	....	.68	....	....	....	2.04	2.20	....	....	....	....	....	....	9.63
St. Charles	White	....	T.	.05	1.20	.09	1.80	T.	.11	....	....	....	....	T.	.64	.27	.64	.53	T.	.08	.52	1.03	....	.70	.68	.08	....	....	....	.88	....	....	8.90
St. Francis	St. Francis	.48	....	.26	.76	T.	T.	.10	....	....	....	....	....	....	....	....	....	....	.10	....	....	2.12	....	.86	T.	.10	....	....	....	....	....	....	4.78
Searcy	White	....	....	.10	.47	1.63	.11	....	....	....	....	....	....	....	....	....	....	.29	.48	....	....	.22	.02	....	....	.78	....	....	....	.05	....	....	4.15
Springbank	Red	....	....	....	....	....	10	.09	.10	.02	....	....	....	....	.82	.40	.22	.66	.95	....	.01	.33	.85	....	T.	.16	2.09	.12	....	.33	.12	....	7.37
Story	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.39	....	....	.20	.52	....	.60	....	....	....	.15	....	....	.22	.12	....	....	....	2.20
Stuttgart	Arkansas	....	....	.05	.78	.95	.04	.10	.17	.52	....	....	....	....	....	.04	.29	.19	.55	....	.06	.01	1.24	....	.04	....	....	.15	....	....	.57	....	5.75
Subiaco	Arkansas	....	....	1.61	T.	....	....	....	....	T.	T	....	....	....	....	T.	....	1.21	T.	27	.10	2.21	....	....	.05	.41	....	....	....	....	....	....	5.86
Texarkana	Red	....	....	.25	....	....	....	.08	....	.10	....	....	....	....	....	.15	....	.62	.64	....	....	T.	2.10	....	....	....	3.20	.50	....	....	.33	.07	8.04
Thornburg	Arkansas	....	.31	T.	.29	....	1.17	.07	....	T	....	....	....	....	....	.53	....	.67	.01	....	.62	.27	.01	.05	T.	T.	....	T.	T.	T.	....	....	4.00
Waldron	Arkansas	....	....	.11	....	....	....	.11	.48	....	....	....	....	....	....	.11	.02	.83	T.	....	....	.44	.10	T.	.12	.22	T.	....	....	.83	.26	....	3.13
Warren	Ouachita	.20	.80	.80	.05	T	.60	.35	1.85	.45	....	....	....	....	.50	.15	.75	.15	.35	....	.15	.20	.30	....	....	1.01	1.50	.05	....	.50	....	....	10.71
Waters	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.75	....	....	1.68	....	....	.85	....	....	....	....	....	....	....	3.28
Whitecliffs	Red	....	....	....	T.	....	....	....	.46	.05	....	....	....	....	....	T.	1.00	1.30	.74	....	.15	.82	.26	....	1.34	....	5.52	1.06	....	....	.30	T.	13.00
Wilson	Mississippi	T.	T.	1 45	....	....	.68	.16	....	....	....	....	....	....	....	....	.70	.03	.33	....	.05	.68	.25	....	.90	....	....	....	....	....	....	....	5.23
Winslow	Arkansas	....	....	T.	....	....	1.78	.05	....	....	....	....	....	....	....	T.	....	.95	.55	.03	.26	.84	....	....	.53	.01	.78	....	....	....	.01	.15	5 97
Wynne	Mississippi	....	....	T.	....	2.12	....	.84	....	....	....	....	....	....	....	....	....	1.26	.37	....	T	1.31	.14	....	1.38	....	....	....	....	....	....	....	7.42
Yancopin	Arkansas	.32	....	T.	.08	.10	1.03	.15	.14	....	....	....	....	.24	15	.28	.48	.22	1.63	....	.64	.04	.57	....	1.10	.06	.72	.04	....	....	....	....	7.94

Daily River Stages for July, 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.9	4.4	4.4	4.1	3.8	3.6	3.5	3.5	3.9	4.4	4.8	3.7	4.4	4.3	4.3	4.1	3.9	3.9	3.8	3.5	3.7	3.9	7.6	10.3	8.0	6.8	6.8	7.3	6.5	6.1	5.5
Ozark	do	22	1.0	0.8	0.6	0.4	0.3	0.1	0.1	-0.1	-0.2	0.0	0.5	0 1	-0.1	0.3	0.4	0.4	0.3	0.3	0.2	0.0	0.2	0.2	0.8	5.3	5.5	3.9	2.9	3.3	3.3	2.4	2 0
Dardanelle	do	20	4.5	4.4	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3 5	3.8	3.6	3.5	3.7	3.8	3.8	3.9	3.7	3.6	4.0	4.1	3.8	8.8	7.8	7.8	6.5	5.8	6.0	5.8	5.5
Little Rock	do	23	0.8	0.7	0.4	0.2	0.0	-0.2	-0.2	-0.4	-0.5	-0.6	-0.8	-1.0	-0.8	-0.6	-0.8	-0.9	-0.7	-0.6	-0.6	-0.6	-0.7	-0.6	-0.1	-0.2	-0.5	1.2	4.1	3.3	2.2	1.7	1.9
Pine Bluff	do	25	5.8	5.5	5.3	4.3	4.6	4.6	4.5	4.5	4.6	4.6	4.3	4.1	3.8	3.5	3.8	3.9	3.5	3.4	3.6	3.6	3.9	3.6	3.6	4.1	4.2	4.2	6.3	8.6	7.9	6.8	6.3
Yancopin	do	29	9.7	9.1	8.6	8.1	7.8	7.5	7.3	7.0	6.7	6.8	6.5	6.3	6.2	6.0	6.9	7.1	7.1	6.7	6.3	6.2	6.2	6.3	6.4	6.2	6.5	6.9	6.6	7.0	11.0	11.3	10.3
Danville	Petit Jean	20	1.7	1.7	1.6	1.6	3.9	2.8	1.9	1.5	1.3	1.1	1.3	1.4	1.2	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.4	1.3	1.2	1.6	2.5	1.9	1.7	1.6	1.8	2.0	1.6

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.5	2.8	2.8	2.8	2.9	3.0	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.7	2.5	2.3	2.3	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.5	4 8	5.0	4.9	4.8	4.8	3.8
Calico Rock	do	18	0.5	0.6	0.4	0.4	0.4	0.4	0.5	0.4	0.1	0.2	0.2	0.3	0.2	0.2	0.2	-0.2	0.0	0.2	0.1	0.1	0.4	0.4	0.3	0.3	0.8	0.3	3.0	3.0	2.9	2.8	1.6
Batesville	do	23	5.6	5.2	5.3	5.2	5.8	5.3	5.3	5.2	5.0	4.7	4.8	4.8	4.9	4.9	4.8	4.8	4.7	4.8	4.8	4.8	5.3	5.7	5.2	5.1	5.2	5.6	6.3	8.1	7.9	7.9	7.5
Newport	do	26	2.3	2.1	1.8	1.8	2.5	4.5	3.6	2.5	2.0	1.8	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	3.9	3.4	3.2	3.4	2.9	2.5	3.0	3.8	3 5	3.5
Georgetown	do	22	3.4	3.2	3.1	2.8	3.0	3.3	4.5	5 3	4.8	4.2	3.4	2.8	2.4	2.2	2.1	1.8	1.7	1.7	1.6	1.5	1.5	1.4	2.5	3.8	4.2	4.4	4.2	4.0	3.8	4.2	4.5
De Valls Bluff	do	24	7.8	7.6	7.3	7.2	7.2	8 2	8.3	8 9	9.5	9.1	8.4	7.8	7.0	6.7	6.3	5.9	5.8	5.8	5.6	5.6	5.5	5.5	5.5	6.6	7.7	8.2	8 4	8.4	8.2	8.1	8.4
Clarendon	do	30	11.0	10.7	10.4	10.2	10.1	10.7	11.2	11.8	12.4	12.5	12.0	11.4	10.7	10.1	9.6	9 3	9.1	9.0	8.8	8.7	8.7	8.6	8.5	9.1	10.1	10.9	11.2	11.3	11.2	11.2	11.3
Gilbert	Buffalo	30	3.1	3.0	2.9	2.9	3.2	3.5	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.6	3.2	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2 9	2.9
Black Rock	Black	14	2.6	2.6	2.8	3 0	3.2	3.5	3.0	2.8	2.8	2.5	2.4	2.3	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.5	3.5	3.3	3.0	2.8	2.4	1.9	1.8	1.8	1.7	1.6	1.6
Camden	Ouachita	30	4.0	4.0	4.5	4.7	4.8	4.7	4.1	4.1	3.8	3.7	3.7	3.9	4.0	4.0	3.9	4.0	4.1	4.2	4.3	4.3	4.3	4.3	5.8	6.0	5.8	8.2	9.1	10.5	11.3	12.2	12.6
Fulton	Red	28	4.9	4.8	4.8	4.7	4.6	4.6	4.4	4.4	4.3	4.2	4.2	4.1	4.1	4.0	4.0	4.6	4.7	4.7	4.7	4.8	4.7	4.6	4.5	4.7	5.3	8.3	15.2	15.8	15.8	15.3	14.4
Helena	Mississippi	44	7.9	8.1	8.6	8.7	8.6	8.2	7.9	8.1	8.4	8.3	8.0	8.0	8.3	8.4	8.1	7.8	7.4	7.3	7.3	6.9	6.5	6.3	6.3	6.7	7.5	8.3	9.1	9.9	10.7	11.1	11.3
Arkansas City	do	48	10.7	10.1	9.7	9.8	10.0	10.0	9.7	9.3	9.2	9.4	9.4	9.3	9.2	9.2	9.3	9.3	9.0	8.7	8.4	8.2	8.0	7.7	7.4	7.3	7.4	7.6	8.6	9.6	10.5	11.7	12.5

Daily temperatures for July, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	105	105	103	102	95	101	98	85	92	97	100	103	100	93	91	87	82	91	92	93	91	92	92	90	84	90	98	98	97	89	95	94.5
	Minimum	73	73	73	72	74	73	70	69	63	67	63	65	70	69	71	70	72	72	73	74	71	71	73	68	70	70	71	67	71	71	71	70.3
Bee Branch	Maximum	104	101	99	92	90	95	95	91	92	89	92	96	99	93	91	85	84	88	95	93	92	96	95	92	84	90	92	93	97	94	93	93.0
	Minimum	73	71	74	72	73	69	68	70	66	64	60	60	68	69	69	69	72	72	72	72	72	67	75	72	70	69	68	70	70	72	70	69.6
Bentonville	Maximum	95	97	95	98	81	91	94	79	90	88	93	94	96	94	91	91	80	87	88	79	88	93	91	87	89	89	92	95	94	88	87	90 1
	Minimum	74	74	73	71	62	55	59	63	61	65	61	63	68	69	72	67	70	72	72	70	69	65	71	67	67	65	70	72	70	74	70	67.8
Blytheville	Maximum	99	95	94	93	87	86	94	95	90	89	93	96	95	93	91	90	86	87	95	92	88	93	94	82	87	90	88	90	90	91	92	91.1
	Minimum	72	71	71	73	73	72	72	73	70	63	64	65	71	73	74	75	75	74	75	74	72	73	64	69	71	70	72	72	74	73	78	71.5
Booneville	Maximum	105	105	106	105	92	100	104	84	94	95	98	101	100	98	95	91	82	95	95	97	92	100	96	97	91	92	98	100	99	95	96	96.7
	Minimum	71	72	74	73	74	63	68	66	61	66	60	62	75	69	76	70	72	74	75	74	71	71	77	72	72	71	72	73	71	75	72	70.7
Brinkley	Maximum	103	102	100	97	90	93	97	92	90	88	91	95	95	92	90	84	87	90	95	93	92	95	88	92	81	88	89	93	93	91	93	92.2
	Minimum	72	73	74	73	72	70	72	73	68	64	62	61	69	68	71	71	73	71	74	71	73	74	68	68	70	69	70	69	71	70	72	70.2
Calico Rock§§	Maximum	101	100	100	94	86	94	98	89	89	92	94	97	100	96	94	93	85	91	96	95	92	96	91	90	88	91	93	92	96	93	94	93.5
	Minimum	71	70	74	73	73	62	64	68	62	56	57	58	60	64	71	67	73	73	72	76	71	65	66	73	72	71	69	70	71	71	70	68.2
Camden§§	Maximum	102	105	99	97	100	94	89	94	93	93	94	98	94	89	89	80	86	91	92	90	89	92	91	90	82	79	93	95	95	91	92	92.2
	Minimum	72	72	71	74	74	71	74	66	65	66	62	65	67	68	70	72	71	71	72	73	72	70	74	69	72	68	69	71	71	71	70	70.1
Center Point	Maximum	101	102	102	100	96	98	101	88	93	92	95	99	98	92	89	86	81	88	91	92	92	93	93	89	87	87	95	96	98	90	90	93.4
	Minimum	76	77	73	76	76	73	71	67	66	69	70	72	74	70	73	69	72	72	73	75	71	83	74	68	69	69	72	72	74	71	72	72.2
Conway	Maximum	103	102	101	95	90	93	94	94	93	92	97	100	101	97	95	87	89	92	94	94	92	98	96	95	87	90	93	98	95	94	95	94.7
	Minimum	74	75	76	75	75	73	72	70	67	64	62	60	70	71	73	72	73	73	73	74	74	71	74	69	69	72	71	73	72	72	72	71.3
Corning	Maximum	105	105	97	94	86	91	97	93	94	95	96	98	102	99	97	95	94	93	100	97	91	94	92	83	90	93	92	92	94	94	96	94.8
	Minimum	69	69	68	68	71	65	66	67	65	55	58	60	60	72	72	69	75	72	74	73	72	68	66	70	70	66	70	69	71	72	72	68.2
Dardanelle	Maximum	102	104	103	97	89	96	98	89	93	91	94	97	98	95	92	89	87	93	92	94	92	98	93	94	90	90	95	97	97	94	95	94.5
	Minimum	74	74	75	75	75	70	70	71	63	63	60	62	69	70	73	70	73	72	74	75	73	71	76	73	71	71	72	74	72	75	73	71 3
Dumas	Maximum	104	100	102	99	100	98	94	94	93	93	96	99	95	92	90	80	91	95	96	95	89	95	90	91	84	84	91	93	95	94	96	93.8
	Minimum	73	74	74	75	75	74	76	72	66	66	66	64	74	60	69	71	73	73	74	73	77	73	70	69	70	71	69	72	70	72	73	71.2
Dutton	Maximum	95	97	96	96	83	90	96	76	87	89	89	93	95	92	88	90	80	84	85	84	86	90	89	88	84	85	90	91	92	86	87	88.8
	Minimum	63	62	65	65	65	48	53	58	52	52	49	53	59	60	69	60	67	66	66	69	67	54	70	66	65	60	60	65	62	67	63	61 3
El Dorado	Maximum	101	100	99	97	96	95	88	94	92	93	95	98	96	89	85	81	84	91	93	93	90	94	94	93	82	85	95	94	93	91	95	92.5
	Minimum	76	74	73	77	77	74	71	71	68	70	66	70	76	71	73	71	73	73	75	76	75	74	76	74	72	70	71	74	71	73	73	72.8
Eureka Springs	Maximum	95	100	97	95	84	91	97	83	90	90	92	95	98	96	93	97	86	87	87	86	88	92	92	90	84	91	93	94	96	90	87	91.5
	Minimum	74	74	72	70	64	56	63	63	62	63	62	65	72	71	71	67	69	69	73	70	68	68	76	68	69	64	69	72	68	75	69	68.3
Fayetteville	Maximum	98	100	98	99	94	92	96	77	91	91	93	95	99	95	93	93	87	86	86	86	87	92	92	90	89	88	91	93	95	92	86	91.7
	Minimum	72	73	72	72	61	55	60	65	60	63	58	62	68	73	74	67	70	71	72	74	70	65	76	64	74	65	65	72	70	73	71	68.0
Fort Smith	Maximum	102	101	100	100	86	95	99	76	89	92	94	98	99	94	91	92	85	92	92	91	91	98	95	91	90	90	98	100	98	93	94	93.8
	Minimum	77	78	79	76	71	64	69	66	65	70	67	69	75	73	76	72	73	73	77	70	71	72	80	76	74	71	74	75	75	75	74	72.8
Gravette	Maximum	96	95	96	98	93	92	97	82	90	86	92	95	98	95	93	91	88	86	90	87	89	95	91	90	91	90	94	97	97	92	89	92.1
	Minimum	71	74	72	69	63	51	59	65	60	64	68	65	70	69	71	68	67	71	72	69	67	61	75	66	71	64	70	70	68	72	69	67.5
Helena	Maximum	104	93	96	100	88	90	91	93	88	87	92	95	91	91	88	83	84	91	95	91	86	94	86	83	85	84	89	89	89	91	93	90 3
	Minimum	71	73	72	74	70	68	71	65	66	65	61	65	72	69	71	73	73	71	75	73	72	73	67	68	68	67	70	70	72	72	72	70 0
Hope	Maximum	104	106	103	100	98	97	98	95	95	95	97	102	98	92	91	85	87	94	93	91	91	93	94	94	92	90	94	95	95	91	93	94.9
	Minimum	76	76	73	79	75	72	72	69	64	69	60	66	72	69	72	70	72	72	75	74	70	72	75	72	67	67	68	73	72	71	72	71.2
Hot Springs	Maximum	97	97	96	92	90	90	94	83	90	90	91	93	87	90	86	81	84	89	90	87	89	85	86	91	83	85	93	89	86	89	91	89.2
	Minimum	79	79	80	80	78	78	76	70	68	70	66	70	70	70	78	74	76	78	78	78	76	77	72	76	75	74	75	74	74	77	76	74.9
Jonesboro	Maximum	103	101	95	96	88	89	95	90	91	91	94	97	99	95	92	88	88	85	95	94	90	94	89	85	87	90	90	91	94	93	95	92.4
	Minimum	78	73	72	74	73	69	70	74	69	64	64	65	67	71	72	71	73	73	76	74	73	72	63	69	72	72	71	70	73	72	73	70.9
Lead Hill	Maximum	105	103	101	95	87	95	99	87	92	93	95	98	103	99	98	95	86	93	94	88	92	97	96	93	89	92	95	97	99	93	90	94 8
	Minimum	69	69	70	71	69	54	59	65	60	54	55	57	64	68	71	67	71	72	72	74	70	60	72	71	71	66	67	73	71	73	75	67.4
Little Rock	Maximum	101	99	99	96	90	92	95	89	89	87	91	99	93	90	88	78	87	87	90	91	91	93	86	92	80	88	89	90	95	91	92	90.8
	Minimum	79	79	76	75	74	74	73	72	69	70	68	69	74	72	73	71	73	73	75	74	73	74	72	68	68	70	72	74	72	71	73	72.6
Lutherville	Maximum	100	99	100	102	90	95	98	78	93	91	92	97	100	95	93	89	85	90	92	90	90	93	91	95	87	90	93	97	92	93	95	93.1
	Minimum	75	73	75	72	72	65	68	67	64	65	62	65	73	69	71	70	70	73	73	74	71	66	71	73	71	69	70	72	71	74	70	70.1
Magnolia	Maximum	102	102	101	98	97	95	88	93	92	92	96	99	95	89	87	81	87	92	92	94	89	93	93	92	90	81	94	95	96	93	94	93 0
	Minimum	75	74	73	76	74	74	74	71	66	69	70	65	70	71	73	72	73	73	75	74	71	72	75	74	73	69	71	73	73	73	71	72.2
Malvern	Maximum	103	102	102	99	98	94	99	93	94	95	97	101	99	94	91	82	85	93	94	89	92	92	90	93	86	89	96	96	95	91	92	94 1
	Minimum	72	75	72	75	73	72	71	67	66	66	60	62	70	68	72	71	73	73	74	73	72	72	75	70	70	71	70	69	70	70	71	70.5
Mammoth Spring	Maximum	101	100	97	89	92	87	93	89	85	88	90	93	95	93	92	92	87	85	92	88	86	91	84	86	86	86	90	89	92	93	89	90.3
	Minimum	72	71	75	71	72	63	69	70	66	59	60	61	61	70	72	69	73	73	73	75	71	63	74	71	71	68	68	67	69	70	70	68.9
Marianna	Maximum	101	93	98	97	98	89	92	92	94	89	90	94	94	91	89	85	86	91	92	90	91	94	93	90	86	89	90	89	89	93	91	91.6
	Minimum	74	74	74	69	67	72	73	69	72	66	64	64	65	71	74	65	66	73	64	65	73	74	69	68	62	69	67	61	65	72	65	68.6
Marshall	Maximum	99	98	96	86	81	87	84	84	87	83	88	90	91	91	87	82	80	81	86	85	85	88	88	85	79	86	91	100	101	89	86	87.9
	Minimum	70	67	73	70	69	60	64	64	60	57	56	57	68	65	70	65	70	70	73	72	69	62	77	73	69	67	65	70	70	69	68	67.1
Mena	Maximum	99	100	99	99	93	97	100	82	89	90	95	99	95	94	91	85	83	89	93	93	92	94	92	91	86	89	95	96	94	90	92	92.8
	Minimum	69	72	73	72	72	67	68	64	59	65	59	65	70	65	73	69	71	71	72	73	71	71	73	71	70	68	69	68	71	70	71	69.1
Mount Ida	Maximum	104	104	104	101	98	99	102	86	92	94	95	98	99	93	91	87	82	92	95	93	95	95	93	95	83	93	99	97	97	90	92	94.6
	Minimum	67	69	70	71	70	67	66	67	54	60	59	55	65	64	70	67	72	72	70	70	70	68	74	68	67	68	69	67	69	69	70	67.2
Newport	Maximum	103	104	98	98	90	88	95	88	90	89	93	97	98	94	91	87	88	86	95	93	91	96	87	90	85	90	88	91	94	91	92	92.3
	Minimum	74	74	75	73	72	70	72	74	70	64	64	64	65	70	71	71	73	73	74	73	74	67	75	70	72	72	71	70	73	72	71	71.1
Pine Bluff	Maximum	100	99	99	92	93	92	89	90	87	87	89	93	91	89	87	78	86	89	90	89	87	90	87	88	79	82	88	90	93	88	90	89.4
	Minimum	75	77	74	74	74	73	75	69	69	68	66	66	74	72	73	73	73	72	75	74	74	74	71	71	71	71	70	74	71	72	74	72.2
Pocahontas	Maximum	102	102	93	92	86	89	96	94	89	91	93	96	98	96	93	93	87	87	97	93	91	93	88	87	89	90	90	90	92	92	92	92.3
	Minimum	70	72	70	70	72	68	68	70	69	64	60	60	60	70	70	68	72	71	74	72	71	66	67	69	70	68	67	66	70	71	70	68.5
Portland	Maximum	99	94	96	93	96	97	88	96	94	92	95	99	96	90	84	82	90	91	94	94	87	95	93	87	78	79	92	90	94	92	95	91.7
	Minimum	72	74	71	74	73	73	75	73	68	68	64	65	72	70	73	71	73	70	75	72	75	71	69	68	68	69	68	71	68	69	71	70.7
Prescott	Maximum	102	102	102	102	101	96	95	93	92	93	95	100	96	92	89	83	87	92	91	92	92	95	95	93	93	88	95	97	97	96	93	94.5
	Minimum	74	75	73	74	73	73	72	73	65	69	64	65	67	68	71	70	72	70	74	73	73	70	75	71	69	69	70	71	73	70	71	70 9
Rison	Maximum	102	102	101	94	98	94	92	101	93	91	94	98	96	91	86	79	88	92	93	92	86	94	91	85	81	82	95	96	95	91	93	92.5
	Minimum	73	74	72	74	69	71	74	68	66	66	61	67	72	70	72	71	72	71	74	73	71	72	71	70	69	69	68	71	70	71	73	70.6
Searcy	Maximum	101	101	96	93	90	88	94	88	90	88	91	94	94	92	91	85	86	87	93	93	93	96	87	93	83	90	90	92	93	91	92	91 3
	Minimum	73	73	75	73	72	72	73	72	69	66	65	65	66	65	69	70	71	73	73	73	73	73	70	70	68	68	69	68	73	71	69	70 3
Stuttgart	Maximum	102	101	100	95	93	92	94	95	88	87	93	96	95	95	93	79	88	92	95	92	90	92	93	87	84	86	93	92	91	91	94	92.3
	Minimum	74	74	73	73	74	74	74	68	64	63	63	71	69	72	72	72	70	72	74	72	72	77	77	70	70	71	69	71	71	73	73	71.4
Texarkana	Maximum	103	104	101	100	97	97	98	96	95	96	97	103	98	93	93	93	89	85	92	95	96	94	93	93	93	95	97	95	95	89	92	94.9
	Minimum	74	75	72	77	74	74	73	72	68	70	72	73	73	71	73	73	71	71	72	70	73	73	73	73	75	75	71	71	75	71	72	71.8
Thornburg	Maximum	102	103	97	96	89	93	97	96	91	90	92	96	92	92	86	82	84	91	91	89	90	95	95	92	84	90	94	98	95	96	92	92.4
	Minimum	66	70	68	71	72	72	76	65	65	60	52	55	55	60	63	70	71	69	70	71	70	72	72	70	66	70	67	67	68	70	69	66.3
Warren	Maximum	99	100	96	96	92	96	99	96	94	100	96	95	98	98	95	84	86	87	92	92	87	92	86	93	88	85	92	92	92	92	92	92.0
	Minimum	74	71	71	74	75	73	73	69	65	60	64	64	64	63	70	70	72	71	75	72	74	72	73	72	70	69	70	69	70	70	73	70.7
Wilson	Maximum	102	93	..	..	..	..	..	..	95	90	89	92	95	95	92	90	88	87	96	91	90	92	90	83	86	80	90	90	90	90	93	90.9
	Minimum	74	72	..	..	..	..	..	..	67	72	65	61	59	60	68	70	68	68	72	74	70	72	72	68	64	70	67	69	69	70	70	68.8
Wynne	Maximum	100	97	95	97	88	89	94	90	89	89	89	91	95	89	92	90	93	85	87	94	93	88	94	80	86	85	87	89	90	92	94	90.8
	Minimum	73	75	73	74	71	72	71	72	67	61	61	70	67	69	71	70	70	71	74	71	73	73	75	68	71	69	68	70	72	70	71	70.4

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
HARVEY S. COLE, Meteorologist

VOL. XXXVI LITTLE ROCK, ARK., AUGUST, 1931 No. 8

GENERAL SUMMARY

During the past 14 years the mean temperature for August has been below normal but three times. In 1920 the departure was —3.0°, in 1927 —3.2°, and in 1931 —3.1°. The precipitation for August 1931 was above normal, this being the wettest August since 1927.

Temperatures were mostly above normal for the first nine days of the month, the highest occurring during this period, but thereafter with the exception of three or four days they were continuously below. The mean temperature for the State, as determined by the records of 61 stations, was 76.7° which is 3.1° below normal. Monthly means ranged from 70.2° at Dutton to 79.8° at El Dorado, all stations for which normals have been computed showing negative departures and only two stations reporting maximum temperatures of 100° or more. The highest temperature recorded was 103° at Booneville on the 8th, the lowest 42° at Dutton on the 12th, the lowest occurring generally on the 12th or 13th.

Precipitation was light in the southern half of the State the first 15 days of the month but excessively heavy in the Ozarks and in northern border counties. Showers were frequent during the latter half of the month and were more evenly distributed, but the northern half of the State again received the greatest amount. The average precipitation for the State, based on the reports of 92 stations, was 4.71 inches which is 0.99 inch above normal. Monthly totals ranged from 1.29 inches at Little Rock to 14.67 inches at Eureka Springs with stations in the west-central portion and in the Ozarks and counties along the border in the northeastern portion of the State receiving the heaviest rainfall and those in central, east-central, and southern sections the least. Four stations had monthly totals of over 10.00 inches but 11 had totals of less than 2.00 inches. The average number of rainy days was 9 though some stations in the northern part of the State had as many as 14 rainy days.

The weather during August was favorable for the growth of all crops. The greater portion of the corn crop had matured by the close of the month and the yield promises to be the best for many years. The frequent showers and the great number of rainy days caused cotton to grow too rank in some portions of the low-lands, but in the uplands and in other portions of the lowlands the prospests are for an unusually good crop. Damage by weevil has been serious in some southeastern and west-central localities. The weather was very favorable for all minor crops and fruit, melons, cantaloupes, and truck crops yielded abundantly.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	..	..	..	..	..	..	1	1	..	..	..	1	1	..	2	..	..	1	1	1	2	4	2	2	1	2	1	1	13	1	1
Light Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..
Moderate Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Heavy Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorms	3	27	22	18	15	17	11	8	9	4	1	..	..	..	4	7	22	33	29	21	5	1	1	2	16	28	19	32	2	3	.

Excessive Rain in Benton and Carroll Counties near Monte Ne and Eureka Springs, damage estimated at $20,000.

Killed by lightning, near Mesa August 19, one; near Keiser August 28, one; one seriously injured.

Damage from lightning near Jonesboro $1500.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville	30.04	30.24	14	29.80	31	2,427	17	sw	9	......	......	81
Fort Smith	30.02	30.23	23	29.81	26	3,899	25	n	28	86	62	70
Little Rock	30.05	30.24	23	29.83	9	4,754	24	sw	17	86	60	71
Memphis	30.05	30.23	23	29.84	9	4,703	20	w	19	83	65	65

COMPARATIVE DATA FOR AUGUST

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**79.8**		**115**		**39**		**3.72**		**16**	**10**	**5**	**7**
1891	76.4	−3.4	108	17	39	24	2.75	−0.97	21	8	2	5
1892	78.3	−1.5	106	6	47	31	4.39	+0.67	13	11	7	9
1893	77.3	−2.5	102	8	48	30	3.08	−0.64	18	9	4	5
1894	78.1	−1.7	104	14	48	5	4.63	+0.91	12	11	8	8
1895	79.4	−0.4	102	19	55	1	2.64	−1.08	18	9	4	4
1896	82.6	+2.8	112	6	48	29	2.32	−1.40	17	9	5	5
1897	79.6	−0.2	111	4	45	17	2.59	−1.13	17	10	4	5
1898	79.4	−0.4	108	21	54	12	4.35	+0.63	13	13	5	7
1899	82.2	+2.4	112	12	54	12	2.04	−1.68	19	9	3	4
1900	81.1	+1.3	108	21	57	2	2.95	−0.77	16	12	3	5
1901	80.5	+0.7	109	3	52	7	2.95	−0.77	14	13	4	6
1902	80.7	+0.9	108	4	51	7	2.55	−1.17	19	9	3	4
1903	78.7	−1.1	105	4	47	31	4.34	+0.62	15	12	4	8
1904	78.1	−1.7	105	25	46	27	2.81	−0.91	16	12	3	6
1905	79.1	−0.7	103	25	51	28	3.73	+0.01	18	10	3	6
1906	77.9	−1.9	100	19	42	28	4.92	+1.20	14	10	7	10
1907	82.0	+2.2	113	10	54	4	2.92	−0.80	16	10	5	6
1908	79.3	−0.5	103	6	52	26	4.48	+0.76	15	10	6	8
1909	82.4	+2.6	111	17	47	30	1.27	−2.45	20	8	3	4
1910	79.2	−0.6	104	3	43	27	3.92	+0.20	13	12	6	8
1911	78.0	−1.8	107	9	45	30	8.19	+4.47	11	11	9	12
1912	78.7	−1.1	105	27	45	4	3.30	−0.42	15	10	6	7
1913	82.1	+2.3	107	7	46	23	1.62	−2.10	20	10	1	3
1914	78.5	−1.3	104	8	57	6	6.81	+3.09	8	11	12	12
1915	74.7	−5.1	102	8	40	31	10.44	+6.72	9	9	13	11
1916	81.8	+2.0	107	13	46	24	2.63	−1.09	17	9	5	5
1917	77.1	−2.7	104	16	43	25	4.10	+0.38	16	7	8	8
1918	82.9	+3.1	115	4	52	14	3.90	+0.18	15	9	7	7
1919	80.6	+0.8	113	5	55	19	4.29	+0.57	16	8	7	7
1920	76.8	−3.0	102	6	46	4	4.08	+0.36	13	9	9	8
1921	81.5	+1.7	106	5	56	8	5.46	+1.74	15	9	7	8
1922	80.4	+0.6	111	23	51	27	1.90	−1.82	18	8	5	5
1923	81.9	+2.1	109	4	49	24	2.43	−1.29	18	8	5	4
1924	82.2	+2.4	108	3	43	15	2.40	−1.32	20	8	3	5
1925	80.3	+0.5	108	19	47	1	1.81	−1.91	22	7	2	4
1926	80.7	+0.9	110	6	47	25	5.50	+1.78	14	10	7	10
1927	76.6	−3.2	105	1	43	21	6.01	+2.29	12	10	9	10
1928	81.3	+1.5	105	28	51	31	4.62	+0.90	17	8	6	7
1929	80.8	+1.0	110	6	41	15	1.29	−2.43	22	7	2	3
1930	81.8	+2.0	114	9	46	26	2.53	−1.19	17	10	4	5
1931	76.7	−3.1	103	8	42	12	4.71	+0.99	15	9	7	9

Corrections: July, 1931

Little Rock:—Greatest 24-hour amount precipitation should be 1.30 inches.
Lead Hill:—Mean minimum temperature should be 67.1°; mean temperature 81.0°.

Climatological Data for August. 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	36	78.2^{a}	-2.0	100^{a}	7†	56^{a}	13	37^{b}	3.20	-0.90	1.59	0.0	5	10^{a}	18^{a}	2^{a}	sw.	J. W. Campbell
Arkadelphia	Clark	250	35	....	....	....	....	....	....	....	2.63	-1.43	1.57	0.0	5	20	2	9	n.	W. K. Bown
Arkansas City	Desha	115	47	....	....	....	....	....	....	....	5.72	-1.97	2.10	0.0	7	18	3	10	....	Herbert Neff
Arlberg	Stone	700	9	....	....	....	....	....	....	....	5.25	....	1.42	0.0	6	9	20	2	ne	J. D. Reeves
Batesville	Independence	277	32	74.8	-4.3	96	8	49	13	34	7.10	+2.67	1.95	0.0	14	12	5	14	w.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	76.5	-3.1	97	1†	53	13	32	4.90	+0.96	2.00	0.0	6	7	15	9	s.	J. E. Scanlan
Bentonville	Benton	1303	26	73.9	-3.3	92	7	53	12	32	5.68	+1.50	4.42	0.0	12	24	6	1	s.	U. S. Weather Bureau
Big Lake Outlet‡‡	Mississippi	....	1	....	....	....	....	....	....	....	6.62	....	1.95	0.0	8	17	0	14	....	Harry Johnson
Black Rock	Lawrence	259	29	....	....	....	....	....	....	....	4.04	-0.37	1.60	0.0	9	24	0	7	s.	Vernon C. Howe
Blytheville	Mississippi	252	6	77.1	....	95	9	58	12	30	14.25	....	2.82	0.0	11	9	8	14	....	Charles ~~Phillips, Jr.~~
Booneville	Logan	465	17	78.2	-3.7	103	8	54	12†	34	8.09	+4.77	2.28	0.0	11	11	13	7	e.	F. H. Randolph
Brinkley	Monroe	205	44	76.8	-3.4	96	7†	53	13	35	2.85	-0.67	0.85	0.0	13	15	10	6	ne.	R. J. Torry
Calico Rock	Izard	361	27	75.8	-3.1	98	8	53	12†	34	8.03	+3.07	2.14	0.0	12	7	18	6	s.	W. J. Copp
Camden	Ouachita	158	46	77.3	-3.1	97	7	53	13†	33	3.61	+0.52	2.35	0.0	6	15	9	7	sw.	Georgia Quarterman
Carthage	Dallas	....	1	....	....	....	....	....	....	....	3.59	+0.81	2.00	0.0	4	18	5	8	....	C. R. Tewalt
Center Point	Howard	470	32	78.8	-3.3	97	7	59	11	29	6.26	+3.42	2.67	0.0	7	16	11	4	sw.	John C. Floyd
Clarendon	Monroe	200	27	....	....	....	....	....	....	....	2.54	-1.60	0.56	0.0	10	14	7	10	n.	J. W. Bishop
Clinton	Van Buren	516	10	....	....	....	....	....	....	....	5.91	....	1.98	0.0	9	14	13	4	nw.	A. L. Stephens
Conway	Faulkner	309	18	77.7	-2.7	98	1†	56	13†	33	4.34	+0.89	1.42	0.0	10	15	12	4	s.	E. E. Cordrey
Corning	Clay	293	38	76.4	-1.9	99	2	54	13	31	10.07	+6.39	4.85	0.0	13	16	7	8	sw.	Winfred D. Polk
Cotter	Baxter	408	4	....	....	....	....	....	....	....	9.05	....	2.60	0.0	11	16	5	10	nw.	O. B. McSpadden
Crosset	Ashley	175	16	78.6	-2.8	98	20	54	13†	33	3.75	+0.10	2.70	0.0	6	14	8	9	ne.	G. A. Gifford
Danville	Yell	327	15	....	....	....	....	....	....	....	4.81	+1.38	1.25	0.0	7	14	0	17	n.	C. G. Hudson
Dardanelle	Yell	330	45	78.4	-2.1	95	9	56	13	31	3.98	+0.32	1.05	0.0	14	10	10	11	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	....	....	....	....	....	....	....	3.32	....	1.00	0.0	8	19	3	9	....	H. G. Pate
Dumas	Desha	162	25	79.0	-2.2	97	1†	54	14	36	1.45	-2.02	0.70	0.0	3	10	15	6	s.	Ben Johnson
Dutton	Madison	1590	28	70.2	-4.5	91	7	42	12	41	3.80	-0.32	1.41	0.0	8	20	11	0	s.	J. M. Ricketts
El Dorado	Union	270	30	79.8	-2.0	97	9†	58	14	28	1.64	-1.67	0.67	0.0	4	6	15	10	sw.	J. J. Babb
England	Lonoke	229	24	77.0	-3.6	97	6†	53	13	33	3.01	-0.98	1.67	0.0	11	16	9	6	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	74.8	-3.4	93	7	52	12	30	14.67	+9.81	5.04	0.0	13	14	12	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	74.4	-3.3	92	7†	49	12	33	2.87	-1.24	0.77	0.0	12	13	11	7	sw.	University of Arkansas
Fort Smith	Sebastian	457	50	78.0	-2.5	98	9	59	29	27	8.71	+5.43	4.42	0.0	11	10	13	8	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	7	....	....	....	....	....	....	....	5.80	....	2.02	0.0	10	17	6	8	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	45	....	....	....	....	....	....	....	3.22	+0.50	1.23	0.0	5	16	6	9	....	T. J. Logan
Georgetown	White	200	19	....	....	....	....	....	....	....	4.34	+0.51	1.50	0.0	9	15	5	11	....	W. R. Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	7.64	....	3.87	0.0	12	8	17	6	....	Ben F. Battenfield
Grannis	Polk	900	12	74.9	-4.3	94	7	50	12	39	3.32	-0.02	1.13	0.0	7	17	7	7	e.	W. E. McVay
Gravette	Benton	1250	34	74.0	-3.4	94	7	50	12	35	9.10	+5.02	5.29	0.0	10	19	8	4	sw.	A. F. Stevens
Harrison	Boone	1052	30	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Helena	Phillips	250	59	77.6	-2.7	97	7	53	13	33	1.63	-2.06	0.87	0.0	8	5	12	14	sw.	James A. Burnett
Higden	Cleburne	415	13	....	....	....	....	....	....	....	5.33	+0.53	2.05	0.0	12	6	22	3	w.	Geo. W. Baker
Highland	Pike	....	2	79.3	....	99	10†	60	12†	36	4.95	....	2.14	0.0	5	14	13	4	s.	Tom W. Stewart
Hope	Hempstead	377	60	78.4^{b}	-1.9	96	7	55^{d}	14	35^{d}	2.48	-0.89	1.37	0.0	5	19	4	8	s.	N. P. O'Neal
Hot Springs	Garland	600	40	79.0	-1.3	95	7	63	12†	23	4.80	+1.06	1.86	0.0	8	18	10	3	....	G. C. Bolton
Index‡‡	Little River	275	6	....	....	....	....	....	....	....	2.73	....	1.15	0.0	6	18	1	12	....	H. G. Sanderson
Jessieville	Garland	750	5	....	....	....	....	....	....	....	1.97	....	1.00	0.0	5	15	14	2	....	U. S. Forest Service
Jonesboro	Craighead	345	36	77.4	-2.6	97	1†	56	13	31	6.79	+3.24	2.54	0.0	14	17	9	5	ne.	Benedictine Sisters
Junction‡‡	Union	182	37	....	....	..	..	..	..	..	....	....	....	....	..	..	..	..	....	J. A. Lowderback
Lead Hill	Boone	650	4	74.9	....	97	8	49	13	35	10.86	....	2.73	0.0	13	13	6	7	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	77.8	-2.0	94	7	62	14	25	1.29	-2.46	0.49	0.0	10	9	7	15	sw.	U. S. Weather Bureau
Lurton††	Newton	2100	6	71.0^{c}	....	88^{c}	1†	51^{c}	21	28^{c}	5.19	....	1.60	0.0	12	12^{c}	10^{c}	6^{c}	s.	I. C. Sutton
Lutherville‡‡	Johnson	775	33	76.2	-3.4	94	1	50	29	35	2.63	-1.40	1.41	0.0	12	15	10	6	se.	H. G. Lenhardt
Madison	St. Francis	....	1	....	....	..	..	....	..	..	2.36	....	0.68	0.0	9	17	2	12	....	William G. Hager
Magnolia	Columbia	315	12	78.7^{d}	-3.2	97^{d}	8†	55^{d}	13†	32^{d}	2.24	-0.91	1.48	0.0	4	9^{d}	15^{d}	3^{d}	ne.	State Agri. School
Malvern	Hot Springs	277	44	77.6	-2.5	97	7	55	13†	33	3.68	+0.22	1.30	0.0	7	21	6	4	s.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	26	74.8	-2.6	96	8	52	13	31	3.04	-1.32	1.04	0.0	6	20	4	7	sw.	S. F. Whittaker
Marianna	Lee	235	19	77.6	-2.7	95	9	50	12	34	1.46	-1.47	0.58	0.0	9	5	26	0	nw.	C. N. Houck
Marked Tree	Poinsett	229	26	76.5	-2.7	99	17	51	13	34	3.91	+0.20	1.80	0.0	13	15	13	3	se.	Charles Walton
Marshall	Searcy	1070	17	72.6	-6.0	94	8	49	13	31	8.65	+3.14	2.50	0.0	12	16	4	11	s.	A. J. Parks
Mena	Polk	1185	43	76.6	-3.1	97	7	53	12	34	4.28	-0.06	1.66	0.0	8	15^{a}	10^{a}	5^{a}	sw.	E. W. St. John
Morrillton	Conway	347	10	77.9	....	99	9	57	13	33	3.26	....	0.96	0.0	8	15	10	6	se.	John Cook
Mountain Home	Baxter	800	17	74.0^{b}	-3.8	95^{b}	8	53^{b}	12†	34^{b}	7.11	+3.12	1.40	0.0	11	14^{b}	2^{b}	13^{b}	w.	B. S. Halbert
Mount Ida	Montgomery	650	32	76.1	-3.3	97	7	49	12†	41	2.13	-1.23	0.63	0.0	8	17	6	8	sw.	G. A. Whittington
Newport	Jackson	231	47	76.6	-3.4	96	8	55	13	32	5.92	+2.44	2.00	0.0	13	19	4	8	n.	J. D. Henderson
Norman	Montgomery	750	4	....	....	....	....	....	....	....	1.50	....	0.64	0.0	5	14	15	2	....	U. S. Forest Service
Oden	Montgomery	800	5	....	....	....	....	....	....	....	1.65	....	0.61	0.0	7	22	4	5	sw.	U. S. Forest Service
Okay	Howard	288	2	77.8	....	96	7	53	12	33	3.69	....	1.75	0.0	5	17	10	4	s.	Charles R. Jackson
Osceola	Mississippi	240	33	77.8	-0.9	98	1	56	12	31	4.22	+1.00	2.05	0.0	7	13	11	7	s.	Charles H. Hampton
Ozark	Franklin	396	35	77.4	-4.6	96	1†	55	12	29	8.78	+4.90	3.30	0.0	12	16	3	12	e.	Orkney O. Milton
Paragould	Greene	301	5	....	....	....	....	....	....	....	8.24	....	4.05	0.0	9	14	14	3	n.	W. R. Heagler
Parkin	Cross	....	1	....	....	....	....	....	....	....	3.49	....	1.18	0.0	7	17	5	9	....	P. D. Roberts
Patterson	Woodruff	196	15	....	....	....	....	....	....	....	6.27	+3.25	2.45	0.0	8	23	0	8	s.	W. E. Baker
Piggott	Clay	307	7	....	....	....	....	....	....	....	7.16	....	2.95	0.0	12	16	7	8	sw.	V. C. Wright
Pine Bluff	Jefferson	215	44	77.6	-4.1	94	7	58	13†	26	3.19	+0.05	0.83	0.0	12	15	7	9	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	38	76.6	-2.7	96	7	55	13†	32	5.39	+0.70	2.05	0.0	14	10	5	16	ne.	Benedictine Sisters
Portland	Ashley	122	25	77.8	-3.6	97	6†	53	14	33	2.49	-0.87	1.36	0.0	5	10	9	12	s.	W. E. Edmiston
Prescott	Nevada	329	43	78.8	-2.7	97	7	57	13	31	3.43	+0.15	1.50	0.0	5	21	5	5	w.	Craig Williams
Rison	Cleveland	243	30	77.8	-3.8	96	7	55	14	32	5.86	+2.76	1.63	0.0	5	15	11	5	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	73.8	-3.3	96	7	50	13	33	5.71	+1.96	3.08	0.0	12	15	8	8	sw.	Carl A. Starck
Saint Charles	Arkansas	175	2	75.8	....	92	6†	54	13	30	2.70	....	1.48	0.0	5	16	9	6	s.	Ballard Deane
Saint Francis	Clay	290	3	....	....	....	....	....	....	....	6.57	....	2.45	0.0	9	20	3	8	....	S. T. Rooney
Searcy	White	236	22	76.1	-4.0	96	9	54	13	32	3.60	-0.11	1.00	0.0	13	20	2	9	sw.	Arthur D. Smith
Springbank‡‡	Miller	240	24	....	....	....	....	....	....	....	4.38	+0.97	1.52	0.0	8	19	4	8	....	Miss Grace Field
Story	Montgomery	700	7	....	....	....	....	....	....	....	1.95	....	0.99	0.0	5	18	9	4	s.	S. C. Story
Stuttgart	Arkansas	228	44	77.6	-2.7	96	1	54	12	31	2.55	-0.98	0.65	0.0	8	15	8	8	s.	Adam F. Buerkle
Subiaco	Logan	1050	34	77.6	-4.1	99	8†	56	12†	31	6.61	+3.02	2.04	0.0	12	10	10	11	s.	New Subiaco Abbey
Texarkana	Miller	332	45	78.7	-3.6	98	7	55	12	32	4.15	+1.08	3.05	0.0	4	17^{a}	6^{a}	7^{a}	s.	H. S. Brashear
Thornburg	Perry	650	7	76.1	....	100	9	46	13†	41	2.29	....	0.52	0.0	9	11	19	1	s.	Edward E. Holmes
Waldron	Scott	675	12	....	....	....	....	....	....	....	5.26	+2.64	1.36	0.0	8	13	7	11	se.	Dr. Cheves Bevill
Warren	Bradley	206	37	77.8	-3.7	95	2†	55	13	29	3.71	+0.12	1.30	0.0	5	20	9	2	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	....	....	....	....	....	....	....	1.99	....	1.30	0.0	5	15	9	7	sw.	J. R. Huddleston
Whitecliffs	Little River	290	27	....	....	....	....	....	....	....	3.84	+1.09	2.10	0.0	4	11	7	13	se.	Nannie O. Schirmer
Wilson	Mississippi	237	6	75.9	....	96	7	52	23	34	4.41	....	1.81	0.0	12	18	6	7	s.	M. W. H. Collins
Winslow	Washington	1734	16	72.4^{1}	-3.1	90^{1}	7†	46^{1}	12	35^{1}	....	....	....	0.0	..	8^{c}	5^{c}	3^{c}	s.	J. D. Black
Wynne	Cross	250	23	76.0	-4.0	96	9	52	13	32	4.08	+0.14	1.23	0.0	7	19	9	3	sw.	R. T. Cobbs
Yancopin	Desha	167	7	....	....	....	....	....	....	....	1.61	....	0.97	0.0	7	14	5	12	....	W. E. Barton
State Means				76.7	-3.1	103	8	42	12	41	4.71	+0.99	5.29	0.0	9	15	9	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— B Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Preci tation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m.

Daily Precipitation for August, 1931

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																			.85	.10						1.59		.29	.37			3.20
Arkadelphia	Ouachita																		.05	1.57	.22								.11	.68			2.63
Arkansas City	Mississippi		T.	T.				.02									T.	.07	T.	.30	1.47	.40					T.	2.10	T.	1.36			5.72
Ariberg	White				1.31		1.42									.90										.48		.10	1.04				5.25
Batesville	White				.87	.26	1.65	.76			.01						.47	.14	.15	.04	.05	.38					.21		.16	1.95			7.10
Bee Branch	Arkansas			.45	1.50	T.											.18	T.								T.	.62	.15	2.00				4.90
Bentonville***	Arkansas		.21	2.20	2.22	.01	.02			.08								.15	.23							.21		.05	.28		.12		5.68
Big Lake Outlet	St. Francis				.25	.15	1.14	.40	1.75	T.	T.	T.					T.			.18	T.							T.	1.95	.80			6.62
Black Rock	White				.52	.06	.80				.11		T.					.02	.05	T.		.42				T.			1.60	.46			4.04
Blytheville	Mississippi				.16	.63	2.71	.70	1.18		T.							2.82	2.81	.06	.06								2.01	1.11			14.25
Booneville	Arkansas			.06	1.61	T.					.18						.08	1.01	2.28	.07	T.					.07	.40	.16	2.17				8.09
Brinkley	White			.17	.04	.02		.28				.04					.03		.42	.42	.10						.85	.04	.28	.16			2.85
Calico Rock	White	T.		1.75	2.14	.37	1.66	.22			T.						.34	.38	.16		.07						.34		.14	.46			8.03
Camden	Ouachita			.06															.05	2.35	.04	.22								.89			3.61
Carthage	Ouachita																.03		.06	1.50										2.00			3.59
Center Point	Red										.06							1.98	.10	1.26							.05		2.67	.14			6.26
Clarendon	White				.04	T.		.06									T.	.56	.52	.45	.27						.06	.48	.05	.05			2.54
Clinton	White		.81		1.98	.64	T.									.55	.07				.13					.50		.14	1.06				5.21
Conway	Arkansas		.52	.06	.88					.02	.32							.06		.06							.95	.05	1.42				4.34
Corning	White				.86	.18	4.85			.30	.12		.05						.05	2.05	.12	.04					.20		1.00	.25			10.07
Cotter	White	1.10		.10	2.00	.86	1.71	.04			T.						T.		.90	T.	.75	.19					.80		.60				9.05
Crossett	Ouachita			.12				.05										.34	T.	T.		.43						.11		2.70			3.75
Danville	Arkansas			.68	.53	.63					.21						.29			1.22							T.			1.25			4.81
Dardanelle	Arkansas			.05	1.05	.72	.03			.02	.19	T.					.41		.34	.53	.01	.07					.05		.15	.36			3.98
De Valls Bluff	White			.10	T.	T.												.29		1.00	.78						.12	.40	.55	.08			3.32
Dumas	Mississippi							T.	T.								T.	T.	T.	.67	T.	T.						.08		.70			1.45
Dutton	White			.41	.37	T.					T.					T.		.61	1.41	.03							.16	.24	.57				3.80
El Dorado	Ouachita			.13	T.						T.								T.	.64		.67								.20			1.64
England	Arkansas				.06						.02					T.	.03	.03	.08	1.67		.11				T.	.22	.52	.28	.02			3.04
Eureka Springs	White			.70	5.04	.22	.10				.20						.04	.61	.37		.16					.22	3.80	1.08	2.13				14.67
Fayetteville	White			.77	.23		.01				.06						.02	.48	.64							.09	.18	.09	.27	.03			2.87
Fort Smith***	Arkansas			.08	1.35	T.	T.			.31	.14					.05	T.	1.31	.47							.18	.05	.01	1.76				8.71
Freeman Sprgs.	Arkansas			.06	2.02	.10					T.						.51	.07	.95								.67	.16	.57	.69			5.80
Fulton	Red	T.	T.		T.												T.	.69	.22	1.23	.21	T.					T.			.87			3.22
Georgetown	White				.53	.49											.04		1.05	.36	.26						.28	.03		1.30			4.34
Gilbert	White			.30	3.87	T.	.18	.02			.01						.24	T.	.26	.29	.13						1.66		.44	.24			7.64
Grannis	Red																T.	1.13	.35	.30						T.	.50	.02	.95	.07			3.32
Gravette	Arkansas		.40	1.20	5.29		.07			.43	.08							.28	.81							.13			.41				9.10
Harrison	White																																
Helena	Mississippi							.87	.02								.20	.02	.01	.30	.07									.14			1.63
Higdon	White			.05	2.05	.33	.04		.01								.37			.02	.71					.04	.38	.07	1.26				5.33
Highland	Ouachita																	1.88	.22	.60									2.14	.11			4.95
Hope	Red																	.22	.20	.64	.05						T.		1.37				2.48
Hot Springs	Ouachita				1.86													.24	.40	1.60						.14	.08	.16	.32				4.80
Index	Red			.01														.11	.62	1.15	.16									.68			2.73
Jessieville	Ouachita				.70						.03							.04		1.00									.20				1.97
Jonesboro	White				.95	.05	.17	.18			.03		.11				T.	.13	.04	.19	.05	1.55					.02		.78	2.54			6.79
Junction	Ouachita																																
Lead Hill	White			2.73	.72	1.82	1.40			T.	.03						T.	2.52	.27	.02	.35					.11	.37	.02	.50				10.86
Little Rock***	Arkansas			.03	.15	T.	.05	T.			.01					T.	.02	.29	.15	.34	T.					T.	.16	T.	.09				1.29
Lurton	White			.01	.40	1.60	T.				.08						.56	.90	.02	.20						.20	.20	*	1.02				5.19
Lutherville	Arkansas	T.	.06	.08	.02						.04				.17		.01	.40	.05		.05					.19		.15	1.41				2.63
Madison	St. Francis				.05		.06										.22		.08	.40		.31						.01	.68	.55			2.36
Magnolia	Red																	.38	.13	1.48									.25				2.24
Malvern	Ouachita				.01	65														1.30	.31						.05		.10	1.26			8.68
Mammoth Spg.	White	.43		.22	1.04	T.	.60													T.	.30								.45	T.			3.04
Marianna	Mississippi						.38				.06					.05	.32		.02	.17							.26	.09	.11				1.46
Marked Tree	Mississippi				.33	.03	.58	.03	.03		.01									.39	.11	.37					.04	.08	.11	1.80			3.91
Marshall	White				2.50	1.50	.07				.06						.21	.13	.14	.60						.10	.80	.13	2.41				8.65
Mena	Ouachita				.11	.01					.06						.25	1.61	1.66	.33							T.			.25			4.28
Morrilton	Arkansas			T.	.66	.46					.36						T.		.12			.12					.36	.22	T.	.96			3.26
Mountain Home	White			1.25	1.40	1.40	.84										.35	.40	.42	.22	T.					.10		.15	.58				7.11
Mount Ida	Ouachita				.60						.02						03	.63				.13					.44	.21	.07				2.13
Newport	White				.86	.32	1.60	.18										.40	.13	.14	.08	.02					.09	.07	.03	2.00			5.92
Norman	Ouachita				.15												T.	.64		.15						.36	T.		.20				1.50
Oden	Ouachita			.61	.14					.05							.59	.09	.08									T.	.09				1.65
Okay	Red																	1.75	.55	.67							T.		.43	.29			8.69
Osceola	Mississippi				.15	.15		.55	.47								T.			.60	.25								T.	2.05			4.22
Ozark	Arkansas				1.10	.87	.02				.34						.20		3.30	.11							.28	1.20	.49	.85		.02	8.78
Paragould	Mississippi		.38	.40	T.	1.68	T.	.47	.27	.27		.17							T.	T.	.55								4.05				8.24
Parkin	St. Francis				.80		.14	T.									.55			.76	.05						.01			1.18			3.49
Patterson	White				1.04		.95										.44		.13	.44	.76						.06			2.45			6.27
Piggott	Mississippi		T.	.52	.05	.26	2.50	03	.82		.03	.15							.04		.25						.06		2.95				7.16
Pine Bluff	Arkansas			.03		.05		T.				.04					.20	.07	.14	.83	.72	.52					.05		.12	.42			3.19
Pocahontas	White			.71	.40	.55	.90	.07	.16	.17	.07		.05						.03	.06	.07	.10							2.05				5.39
Portland	Ouachita								.11									.01			.21	.80								1.36			2.49
Prescott	Ouachita																	.05	.31	1.41	.16									1.50			3.43
Rison	Ouachita			.63														T.	T.	1.63		1.25							.83	1.52			5.86
Rogers	White			.92	3.08	.06	.16			.05							.02	.16	.35							T.	.47	.16	.22		.06		5.71
St. Charles	White							.09										.21		1.48	T.						.45		.47				2.70
St. Francis	St. Francis				.06	T.	2.45	.12	.22	T.	.12									T.	.73	.18							2.40	.29			6.57
Searcy	White				.22	.27				.06	.08						.13	.12	.24	.14	1.00	.05					.27	T.	.02	1.00			3.60
Springbank	Red				T.				.02			.46					.09	.63	1.07	1.52	.47						T.			.12			4.38
Story	Ouachita				.99							.28							.30								.05			.33			1.95
Stuttgart	Arkansas								.64									.54	.14	.65	.25						.07	.03		.23			2.55
Subiaco	Arkansas		.11	.06	2.04						.67						.68	.17	.89	.01	T.					.05	T.	.32	1.60	.01			6.61
Texarkana	Red																		.35	3.05	.15									.60			4.15
Thornburg	Arkansas		T.	T.	.52		.14				.14					T.	T.	.18	T.	.22						T.	.49	.04	.27	.29			2.29
Waldron	Arkansas			.65	1.36						.06						T.	.74	.80	.74						T.	.14	T.	.77				5.26
Warren	Ouachita																T.	1.10	1.30		.41	.55							.35				3.71
Waters	Ouachita					.06				.09								1.30									.26		.28				1.99
Whitecliffs	Red			T.	T.					T.							T.	.16	.90	2.10							T.			.68			3.84
Wilson	Mississippi				.18		.30	.04	.63				.03				.41	.03	T.	.86	.02							.02	.08	1.81			4.41
Winslow	Arkansas			.28	78	T.	T.				.07						.11																
Wynne	Mississippi				.82		.33											.42	T.	.52		.21						.55		1.23			4.08
Yancopin	Arkansas					T.		T.	T.								.11	.13		.97	.08	.04							.03	.25			1.61

Daily River Stages for August, 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.9	4.2	3.8	3.7	6.1	9.3	10.4	9.8	7.3	6.3	5.8	5.3	5.1	4.3	4.3	4.4	4.1	4.0	4.8	6.4	6.3	5.7	5.2	4.8	4.5	4.0	3.5	3.8	3.6	3.3	3.2
Ozark	do	22	1.4	1.0	0.5	0.0	2.2	3.0	5.2	6.2	5.0	3.5	2.3	1 5	1.5	1.3	0.8	0.7	0.6	1.2	0.9	1.2	2.4	2.3	1.6	1.3	0.8	0.6	0.8	0.2	2.2	0.4	-0.1
Dardanelle	do	20	5.0	4.6	4.4	4.1	4.2	5.2	6.1	8.0	8.7	7.4	6.2	5.2	4.6	4.5	4.4	4.1	4.0	4.0	5.1	4.6	4.6	5.3	5.2	4.7	4.4	4.1	3.9	3.7	4.3	5.3	4.1
Little Rock	do	23	1.5	1.1	0.7	0.4	0.1	-0.1	0.1	1.3	3.1	4.6	4.4	2.9	1.8	0.9	0.5	0.3	0.1	-0.2	-0.3	-0.1	0.6	0.6	0.9	1.3	0.9	0.5	0.1	-0.2	-0.3	-0.3	0.5
Pine Bluff	do	25	6.3	5.9	5.8	5.3	4.8	4.4	4.0	4.3	6.8	7.8	9.2	8.8	7.5	6.5	5.9	4.9	4.3	4.1	3.7	3.7	4.9	4.9	4.9	5.5	6.0	5.7	5.1	4.7	4.2	4.1	3.8
Yancopin	do	29	9.3	9.5	9.3	8.7	8.3	7.8	7.3	7.0	6.8	7.7	10.1	12.3	12.2	11.0	9.8	8.7	8.0	7.4	7.1	6.9	6.6	6.5	7.0	7.3	7.5	8.0	8.2	7.7	7.2	6.8	6.5
Danville	Petit Jean	20	1.5	1.3	2.8	2.5	3.5	5.3	3.8	2.8	2.3	1.9	1.7	1.5	1.4	1.3	1.3	1.2	1.3	1.3	6.4	12.5	6.9	4.8	3.7	2.4	2.3	2.2	2.1	2.0	2.7	10.1	4.7

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.8	3.3	3.0	3.2	5.1	6.2	12.6	9.9	8.8	7.5	5.9	5.1	4.7	3.7	3.7	3.7	3.7	3.7	4.1	5.2	5.2	5.8	4.6	4.0	3.7	3.8	4.6	4.1	3.8	7.1	5.6
Calico Rock	do	18	1.5	1.2	1.1	2.3	4.8	6.2	11.2	8.8	8.0	5.8	4.4	3.7	3.1	1.8	1.7	1.8	1.8	1.7	2.4	2.7	3.5	3.9	3.3	2.8	1.7	1.9	2.2	2.0	1.8	1.9	4.9
Batesville	do	23	6.5	6.2	5.8	6.0	8.7	11.2	14.8	17.7	14.3	13.0	10.5	9.2	8.6	7.7	6.5	6.6	6.6	6.7	6.4	7.2	8.3	8.5	8.6	8.2	7.6	6.4	6.7	8.2	7.2	6.9	9.8
Newport	do	26	3.0	2.7	2.3	2.3	2.8	5.5	7.9	13.6	15.0	14.0	11.9	9.0	6.7	5.2	4.0	3.5	3.0	2.9	2.8	2.7	3.0	4.0	4.2	4.2	3.8	3.2	2.6	2.6	4.2	3.8	3.6
Georgetown	do	22	4.7	4.4	4.0	3.6	2.4	3.3	4.8	8.1	12.2	14.3	14.7	14.2	12.9	11.1	9.5	7.7	6.4	5.5	4.7	4.4	4.2	4.2	4.7	5.2	5.4	5.2	4.9	4.3	4.3	4.8	5.1
De Valls Bluff	do	24	8.6	8.6	8.5	8.1	7.7	7.4	7.5	8.9	12.0	14.8	16.3	16.9	17.0	16.5	15.5	14.0	12.6	11.1	10.0	9.3	8.8	8.4	8.4	8.6	9.0	9.3	9.3	8.9	8.5	8.3	8.8
Clarendon	do	30	11.5	11.6	11.5	11.2	10.9	10.6	10.4	11.0	12.8	15.3	17.1	18.1	18.7	18.9	18.5	17.8	16.7	15.4	14.0	13.1	12.3	11.8	11.5	11.5	11.8	12.0	12.1	12.0	11.7	11.3	11.4
Gilbert	Buffalo	30	2.9	2.9	2.9	4.4	4.6	3.8	3.5	3.3	3.2	3.1	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.2	3.4	3.2	3.6	3.2	3.1
Black Rock	Black	14	1.5	1.5	1.4	3.0	3.5	3.7	6.6	7.5	6.5	5.0	3.8	3.3	3.0	2.8	2.6	2.3	2.0	1.8	1.8	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.8	3.4	3.0	2.6
Camden	Ouachita	30	11.8	8.2	6.5	5.9	4.6	4.2	4.5	4.5	4.2	4.1	4.0	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.7	4.1	4.6	5.2	7.8	6.0	5.7	4.5	4.2	4.1	4.4	4.9	5.8
Fulton	Red	28	12.4	10.0	8.5	7.6	7.0	6.6	6.2	5.9	5.5	5.1	4.9	4.7	4.5	4.4	4.3	4.2	4.1	4.0	4.4	5.4	5.9	5.9	5.5	5.1	5.0	5.1	5.0	5.0	5.2	5.2	5.1
Helena	Mississippi	44	11.1	10.6	9.6	7.8	6.3	5.6	5.3	5.6	6.1	6.3	6.1	5.9	5.8	5.7	5.6	5.8	5.9	6.1	6.4	6.8	6.9	6.5	5.7	5.4	5.9	6.7	7.4	7.8	7.9	7.8	7.8
Arkansas City	do	48	12.8	12.8	12.5	11.8	10.5	9.0	7.8	7.0	6.8	6.9	7.5	8.0	8.6	8.8	8.6	8.3	8.2	8.1	8.1	8.1	8.2	8.2	8.0	7.5	6.9	6.9	7.5	8.2	8.7	8.9	8.9

Daily temperatures for August, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	92	94	93	90	94	98	100	98	100	88	84	89	93	91	89	..	92	87	87	90	90	90	91	93	93	87	80	76	87	89	89	90.5
	Minimum	71	72	70	73	74	73	73	73	74	74	62	57	56	58	60	60	..	70	62	64	68	63	62	58	58	60	65	69	64	63	67	65.8
Bee Branch	Maximum	97	97	92	88	90	93	96	95	95	93	85	82	83	83	87	83	84	88	85	88	85	88	89	91	89	85	84	76	85	87	90	88.2
	Minimum	68	69	72	70	74	72	75	74	73	71	60	55	53	54	61	68	71	68	67	63	65	62	57	59	60	62	65	64	56	56	66	64.8
Bentonville	Maximum	91	89	80	79	90	91	92	91	91	83	75	77	80	83	82	82	78	81	82	82	83	84	86	85	78	86	82	73	85	85	88	83.7
	Minimum	70	71	70	70	73	71	73	73	70	60	55	53	54	56	56	67	69	66	63	63	61	59	60	63	64	64	70	59	53	62	68	64.1
Blytheville	Maximum	94	93	90	84	87	87	92	94	95	90	84	83	82	84	84	92	90	91	86	82	82	84	85	89	86	85	85	82	85	85	88	87.1
	Minimum	75	74	75	71	73	71	73	74	77	71	61	58	62	65	66	72	74	74	69	69	63	61	59	59	62	63	63	60	60	62	64	67.1
Booneville	Maximum	96	97	93	84	94	98	98	103	100	92	82	83	88	87	89	88	88	87	86	87	86	90	90	91	89	90	87	83	84	92	90	90.1
	Minimum	70	72	74	71	75	75	74	75	73	70	58	54	54	59	60	66	68	67	67	65	67	64	63	63	60	65	71	64	62	62	69	66.4
Brinkley	Maximum	95	92	92	88	94	94	96	96	96	90	82	83	85	86	87	87	89	90	83	87	86	88	88	91	91	88	78	77	86	90	93	88.6
	Minimum	71	71	70	72	74	73	72	72	75	72	59	57	53	55	60	68	71	70	66	65	65	60	55	56	60	65	64	68	61	55	64	65.1
Calico Rock§§	Maximum	96	97	84	89	85	89	97	98	96	86	79	81	82	84	88	86	87	85	86	85	87	88	85	89	83	88	80	74	88	89	92	87.2
	Minimum	70	70	73	71	72	72	72	74	74	71	59	53	53	54	55	58	71	70	69	65	62	62	59	59	60	63	66	69	57	55	63	64.5
Camden§§	Maximum	94	93	91	92	94	94	97	95	95	84	85	84	86	85	84	86	86	84	83	87	87	87	87	89	87	90	88	91	85	90	93	88.8
	Minimum	71	73	70	72	73	73	74	74	75	72	60	54	53	53	58	63	70	68	68	68	68	61	60	57	59	63	67	69	67	62	65	65.8
Center Point	Maximum	93	93	89	90	94	95	97	94	95	87	86	90	88	88	86	87	82	87	88	97	88	88	87	89	88	87	84	84	87	89	90	89.1
	Minimum	73	73	70	73	75	75	75	74	74	71	59	61	62	62	66	68	69	68	66	70	69	65	65	65	66	67	70	67	63	67	71	68.4
Conway	Maximum	98	93	90	85	93	94	94	98	98	95	84	82	85	87	89	84	84	87	85	88	88	89	91	92	91	85	84	80	83	88	95	89.0
	Minimum	72	71	72	72	74	74	77	75	74	69	63	58	56	56	61	68	71	70	66	67	65	62	59	59	61	65	68	65	62	57	68	66.4
Corning	Maximum	97	99	92	86	86	90	93	96	94	88	81	82	84	86	88	89	90	89	83	86	85	85	87	84	80	87	81	76	85	85	84	87.0
	Minimum	74	74	75	71	72	69	73	74	74	70	59	55	54	58	60	70	72	71	69	67	62	60	56	60	65	63	66	66	57	60	60	65.7
Dardanelle	Maximum	96	94	91	81	93	97	97	97	98	90	85	85	87	87	91	86	88	89	88	89	90	89	90	92	83	89	88	81	85	89	95	89.7
	Minimum	73	72	72	71	73	75	76	77	75	70	61	57	56	57	60	71	73	71	69	66	66	65	62	61	62	67	70	65	64	59	67	67.2
Dumas	Maximum	97	95	95	94	97	96	95	96	96	86	85	85	88	89	84	85	90	93	88	89	87	87	90	93	92	92	82	87	87	93	95	90.6
	Minimum	72	72	70	74	75	76	75	74	75	71	67	65	63	54	63	68	69	73	67	69	67	62	56	57	61	68	66	70	67	59	67	67.5
Dutton	Maximum	87	88	84	77	87	88	91	90	90	87	77	81	84	84	85	81	78	82	80	83	84	85	87	85	72	82	74	75	83	82	85	83.2
	Minimum	62	62	65	65	67	66	64	65	65	63	49	42	43	47	48	60	63	62	59	56	55	52	51	53	52	58	60	57	49	51	59	57.1
El Dorado	Maximum	96	91	93	94	95	96	94	96	97	97	85	86	87	86	86	86	90	86	87	87	86	87	87	90	89	92	90	93	85	93	94	90.4
	Minimum	73	74	72	74	75	76	77	76	76	76	64	59	59	58	63	67	73	73	68	70	69	65	64	62	66	68	69	71	69	66	72	69.2
Eureka Springs	Maximum	89	88	84	81	88	89	93	92	91	86	77	81	83	85	86	85	82	84	82	84	85	87	88	86	78	86	80	76	85	84	87	84.9
	Minimum	70	77	69	68	72	69	75	75	76	64	54	52	54	57	56	64	68	67	63	62	62	61	61	66	64	62	63	67	55	63	70	64.7
Fayetteville	Maximum	89	89	85	81	88	90	92	92	92	83	78	80	83	85	87	85	80	81	82	84	83	85	88	86	82	85	81	78	85	84	87	84.8
	Minimum	72	73	69	71	75	73	74	74	77	66	54	49	50	58	56	62	62	66	63	62	60	60	59	63	64	64	69	59	53	60	68	64.0
Fort Smith	Maximum	95	94	90	82	95	96	97	97	98	85	79	82	84	84	85	84	81	84	83	87	87	89	89	90	76	89	89	75	82	90	92	87.4
	Minimum	74	75	73	70	75	77	76	78	73	70	63	60	61	63	65	67	67	67	67	67	69	67	67	67	68	65	74	63	59	63	71	68.5
Gravette	Maximum	93	90	86	79	90	90	94	92	92	82	81	79	83	84	84	82	79	77	81	82	84	86	88	87	79	86	83	[illegible]	86	85	87	84.9
	Minimum	72	70	68	68	73	73	73	74	65	64	54	50	55	57	58	62	68	62	60	60	59	60	61	60	63	63	70	58	51	60	68	63.2
Helena	Maximum	95	92	92	87	95	93	97	94	96	87	82	81	84	85	84	86	88	95	85	87	84	85	88	90	92	94	92	81	86	87	93	88.9
	Minimum	73	71	70	74	72	72	71	73	75	72	60	54	53	58	65	69	70	73	67	68	65	61	58	57	62	69	69	71	62	57	66	66.4
Hope	Maximum	94	95	93	93	95	94	96	95	95	85	83	85	87	90	86	88	90	83	85	89	87	87	88	91	90	91	86	89	86	93	94	89.8
	Minimum	73	73	70	73	74	75	75	74	75	72	61	56	56	55	57	66	72	68	65	69	67	63	62	57	60	68	..	..	..	..	71	66.9
Hot Springs	Maximum	92	93	90	83	90	94	95	93	94	85	81	83	86	85	85	83	84	87	83	87	86	86	89	88	77	82	82	88	84	88	89	86.8
	Minimum	77	76	77	78	79	78	80	80	79	75	66	63	63	63	64	71	75	76	67	68	67	68	68	65	68	66	72	73	68	66	70	71.2
Jonesboro	Maximum	97	97	93	87	84	88	96	97	97	91	81	80	83	84	88	88	91	91	87	87	85	85	88	91	89	89	80	75	87	88	92	88.3
	Minimum	75	74	74	70	74	72	72	75	77	71	61	57	56	60	64	70	70	71	64	65	63	63	59	61	67	67	61	66	60	61	61	66.5
Lead Hill	Maximum	96	94	86	86	84	92	96	97	95	84	79	82	83	85	88	87	88	85	83	85	87	87	88	89	79	87	85	77	78	86	91	86.7
	Minimum	68	68	70	70	69	69	71	71	72	68	54	50	49	51	53	77	70	70	66	65	62	58	59	58	62	59	67	62	53	54	62	63.1
Little Rock	Maximum	93	94	91	82	92	92	94	94	94	84	80	81	83	83	86	82	82	84	84	86	86	86	85	89	88	86	83	77	84	88	91	86.6
	Minimum	75	74	72	74	76	76	78	75	76	68	64	63	62	62	67	68	70	71	67	67	68	68	66	64	67	66	68	68	63	64	72	69.0
Lutherville	Maximum	94	91	89	79	92	91	93	93	92	86	80	83	85	85	87	83	86	86	84	86	86	89	90	90	80	86	81	77	85	89	89	86.7
	Minimum	70	71	71	70	72	74	74	74	73	70	60	55	55	59	64	67	71	68	68	64	65	64	62	61	61	65	68	63	50	58	73	65.8
Magnolia	Maximum	95	95	93	..	..	..	..	97	95	95	84	85	87	87	87	87	90	88	85	89	90	87	87	91	89	94	94	92	86	94	97	90.4
	Minimum	73	74	71	..	..	..	..	73	75	73	62	58	55	55	60	67	73	70	68	69	68	63	62	59	61	68	69	73	69	66	71	67.0
Malvern	Maximum	94	93	91	84	93	94	97	94	94	92	86	89	86	87	89	88	86	85	85	91	88	89	88	89	89	89	85	80	86	90	91	89.1
	Minimum	70	72	72	73	74	74	74	73	73	73	61	56	55	55	59	67	72	71	66	64	67	61	60	57	60	66	66	68	63	60	68	66.1
Mammoth Spring	Maximum	93	94	81	86	86	87	93	96	91	86	76	79	79	82	84	85	84	87	83	84	84	83	85	88	82	86	80	75	85	83	89	85.0
	Minimum	71	71	72	71	73	72	73	75	74	71	60	54	52	54	58	59	71	71	69	66	62	60	55	57	63	64	65	66	55	51	67	64.7
Marianna	Maximum	93	93	92	91	94	91	93	93	95	91	89	84	82	84	85	85	86	89	89	86	89	84	85	88	89	86	82	87	83	87	90	88.2
	Minimum	74	73	71	74	76	74	73	75	73	72	56	50	54	62	66	60	69	73	72	65	68	62	60	59	65	68	67	69	64	61	68	66.9
Marshall	Maximum	89	89	82	79	85	84	93	94	89	89	76	76	77	75	82	81	89	76	77	78	78	77	80	84	84	80	80	75	82	82	83	82.1
	Minimum	70	73	70	68	70	70	75	72	71	67	53	50	49	50	53	66	68	66	65	66	60	57	55	68	56	61	67	62	51	59	69	63.1
Mena	Maximum	92	94	90	91	93	96	97	95	95	88	80	85	89	89	87	85	83	86	82	87	85	86	87	89	82	89	84	79	86	89	90	88.1
	Minimum	69	70	69	71	73	74	72	72	73	69	58	53	55	57	57	66	66	64	64	63	67	61	60	60	61	66	70	66	59	62	67	65.0
Mount Ida	Maximum	94	92	94	87	92	95	97	95	96	87	85	85	89	88	88	88	84	90	90	91	87	90	89	94	90	87	82	89	87	91	90	89.8
	Minimum	67	67	68	72	71	70	69	70	69	69	54	49	49	51	52	66	71	67	65	63	61	57	55	53	51	60	70	67	63	56	63	62.4
Newport	Maximum	95	94	92	87	87	85	95	96	95	86	80	80	83	85	90	88	87	89	81	86	84	85	89	90	91	88	79	75	86	85	91	87.2
	Minimum	73	73	72	71	74	72	73	74	75	71	62	59	55	58	62	62	72	69	68	65	65	61	57	59	67	65	66	68	58	58	66	66.1
Pine Bluff	Maximum	93	90	89	85	92	90	94	93	93	86	81	80	83	83	85	83	86	85	82	85	84	84	84	87	87	88	81	80	83	87	91	86.8
	Minimum	73	73	71	74	76	77	77	76	77	76	64	60	58	58	65	75	69	74	68	68	68	66	62	61	64	68	68	69	67	61	70	68.8
Pocahontas	Maximum	95	94	90	86	86	90	96	95	95	87	87	81	83	86	90	91	88	90	86	87	87	87	87	90	86	88	85	76	87	85	89	85.1
	Minimum	71	72	71	70	73	70	71	73	72	68	60	56	55	56	61	69	70	69	70	65	61	60	55	58	62	62	65	65	65	56	63	65.0
Portland	Maximum	95	95	93	93	95	97	96	97	97	90	83	79	84	86	84	81	88	93	92	88	85	86	85	88	90	91	83	91	83	89	93	89.4
	Minimum	69	72	68	71	73	75	74	72	73	72	63	57	57	53	63	66	66	72	71	68	67	62	58	57	60	62	66	70	67	62	66	66.3
Prescott	Maximum	95	94	92	91	94	95	97	98	95	92	89	85	86	86	85	88	88	86	86	91	91	88	87	89	88	90	90	89	86	91	92	90.1
	Minimum	73	73	70	73	74	74	75	74	74	73	62	59	57	58	62	62	72	68	66	69	68	64	63	58	62	67	68	70	66	65	71	67.4
Rison	Maximum	94	90	91	85	93	95	96	94	94	89	83	83	86	87	85	84	88	90	84	89	87	86	89	90	91	91	83	87	87	91	92	88.8
	Minimum	72	71	70	72	75	76	76	74	75	73	59	56	56	55	62	66	68	70	66	67	67	66	60	59	64	67	66	68	66	62	69	66.9
Searcy	Maximum	95	94	91	84	90	91	95	95	96	87	83	83	85	86	89	85	86	86	81	87	84	86	86	90	91	85	79	73	85	85	91	87.2
	Minimum	68	70	71	71	74	71	72	72	73	72	60	58	54	55	62	69	71	68	66	63	65	62	58	58	60	65	64	65	57	56	65	65.0
Stuttgart	Maximum	96	94	92	85	93	94	95	94	94	89	82	83	85	87	87	87	90	90	86	88	85	86	88	91	89	91	80	79	88	92	94	88.8
	Minimum	72	71	74	75	75	75	74	75	73	60	56	54	56	61	68	69	70	67	66	66	61	58	58	60	67	65	73	64	57	67	70	66.4
Texarkana	Maximum	94	94	94	92	93	94	98	96	97	95	85	85	89	87	90	91	90	87	86	90	89	88	88	90	89	91	90	90	90	93	93	90.9
	Minimum	73	73	72	71	73	73	75	73	73	75	60	55	61	57	60	65	65	62	65	65	67	67	63	58	58	62	70	70	66	67	68	66.5
Thornburg	Maximum	95	96	95	81	93	93	97	95	100	95	81	83	86	87	90	90	89	86	88	88	89	89	95	92	89	87	83	77	88	91	95	89.8
	Minimum	69	70	71	71	72	73	71	71	75	66	58	47	46	46	50	67	67	69	63	60	59	59	55	51	53	64	70	65	55	53	69	62.4
Warren	Maximum	94	95	90	90	93	95	93	93	94	89	90	87	82	86	89	82	84	82	83	85	85	84	84	85	89	88	83	86	82	86	90	87.7
	Minimum	72	72	71	73	75	77	76	75	75	77	63	59	55	57	64	68	69	73	67	69	67	64	61	61	66	67	65	70	69	62	69	68.0
Wilson	Maximum	93	91	90	87	92	89	96	92	94	91	80	80	82	87	88	90	91	91	85	85	82	80	86	89	89	84	82	75	85	85	91	87.2
	Minimum	73	71	70	70	70	72	70	73	74	71	58	54	54	55	57	68	68	70	69	68	62	57	52	58	65	69	66	66	59	55	60	64.6
Wynne	Maximum	91	92	90	85	93	84	95	95	96	82	78	78	81	84	88	86	90	90	84	83	82	84	86	88	87	89	79	76	81	85	90	86.4
	Minimum	74	74	71	70	73	74	72	73	76	72	58	54	52	56	59	72	71	70	66	65	64	59	54	59	68	64	65	70	60	56	65	65.7

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark 9-24-31 1020

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

ARKANSAS SECTION

3

HARVEY S. COLE, Meteorologist

VOL. XXXVI LITTLE ROCK, ARK., SEPTEMBER, 1931 No. 9

GENERAL SUMMARY

September 1931 was a warm dry month, being the warmest September since 1925 and the driest since 1928. During the past 41 years there have been but three years with a lower precipitation average than the one inch of this year, those years being 1891 with 0.94 inch, 1897 with 0.60 inch, and 1928 with 0.45 inch.

Although the highest temperature for the month was only 102° and only 16 of the 62 stations reported maxima of 100° or higher, this is the fifth warmest September since 1891. With the exception of the 2d and 3d, temperatures were above normal until the 25th of the month, the greatest departures occurring from the 14th to the 25th. Cool weather overspread the State on the 26th bringing a decided drop in temperature, the lowest for the month at all stations occurring from the 27th to the 30th. The mean temperature for the State, as determined by the records of 61 stations, was 78.4° which is 4.2° above normal, all stations for which normals have been computed showing positive departures. Monthly means ranged from 72.0° at Dutton to 81.6° at El Dorado. The highest temperature recorded was 102° at Thornburg on the 15th and also at Calico Rock and Mountain Home on the 17th; the lowest, 34° at Dutton on the 27th and at Thornburg on the 30th. The highest temperature and the greatest departures occurred generally in the west-central and the northern part of the State. The greatest daily range was 51° occurring at Thornburg on the 28th and at Mount Ida on the 30th.

Showers with locally heavy rains in northeastern and southwestern portions were general over the State on the 2d and 3d, but thereafter little or no rain fell in west-central, northwestern, and southeastern sections and only scatteringly in other portions. Magnolia, in Columbia County, had no rain during the month, Portland in another southern border county had only 0.02 inch, and 8 other stations less than 0.25 inch, while about one-third of the stations reported monthly totals of an inch or more. The average precipitation for the State, based on the records of 94 stations, was 1.00 inch which is 2.36 inches below normal. Only two stations, Hope and Whitecliffs in the southwestern portion, reported positive departures. Monthly totals showed wide variation ranging from none at Magnolia to 4.32 inches at Whitecliffs approximately 60 miles away. The greatest amount measured in any 24-hour period was 4.25 inches at Whitecliffs on the 3d.

Although the heavy rains of the 2d and 3d did some damage to cotton, the hot, dry weather thereafter was very favorable both for growth and the maturing of the bolls. Cotton was opening in the southern portion the first week of the month and in central portions by the 15th, and picking and ginning were well along in all sections by the close of the month. The dry weather did considerable damage to late corn, meadows, pastures, and truck crops but was very favorable for curing all hay crops and for ripening rice. The soil was too dry at the close of the month in most sections for fall plowing and seeding.

T.A.M.

Miscellaneous Phenomena
Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	..	.	4	..	2	.	1	1	2	1	1	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	1	1	..
Light Hail	..	1	.	.	1	.	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Heavy Hail	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	9	23	5	17	6	2	..	1	3	2	2	11	1	.	.	.	..	18	4	1	5	3	17	7	1	2	.	.	.	.	.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level Mean	Highest	Date	Lowest	Date	Wind Total movement miles	Maximum velocity	Direction	Date	Relative humidity 7 a.m.	7 p.m.	Percentage of sunshine
Bentonville	29.99	30.33	30	29.75	1	2,353	17	s	21	......	......	92
Fort Smith	29.98	30.35	30	29.77	1	4,027	30	se	12	83	56	89
Little Rock	30.01	30.37	30	29.75	25	4,597	24	s	4	82	54	86
Memphis	30.03	30.38	30	29.76	25	4,387	25	sw	25	77	55	84

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation Average	Departure	Number of days Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**74.2**		**113**		**28**		**3.36**		**17**	**7**	**6**	**6**
1891	73.4	−0.8	102	24	40	4	0.94	−2.42	22	6	2	2
1892	70.8	−3.4	96	10	32	14	2.14	−1.22	23	4	3	3
1893	74.0	−0.2	103	14	36	26	3.75	+0.39	19	5	6	5
1894	73.1	−1.1	100	6	38	25	3.56	+0.20	14	8	8	6
1895	77.1	+2.9	105	13	32	30	1.36	−2.00	19	7	4	4
1896	73.3	−0.9	106	17	35	29	3.25	−0.11	11	9	10	10
1897	76.6	+2.4	108	3	33	22	0.60	−2.76	21	7	2	2
1898	75.2	+1.0	104	2	40	7	7.35	+3.99	15	6	9	8
1899	71.9	−2.3	109	3	28	29	1.21	−2.15	20	7	3	3
1900	78.0	+3.8	104	17	48	22	4.25	+0.89	12	12	6	7
1901	72.6	−1.6	101	8	32	18	3.08	−0.28	18	8	4	4
1902	68.4	−5.8	99	8	30	13	5.06	+1.70	15	8	7	8
1903	70.7	−3.5	102	15	34	17	2.47	−0.89	18	7	5	5
1904	75.4	+1.2	101	10	37	15	2.46	−0.90	15	9	6	5
1905	74.2	0.0	100	1	44	4	3.90	+0.54	16	7	7	8
1906	75.7	+1.5	100	1	47	30	6.24	+2.88	11	9	10	10
1907	73.9	−0.8	106	7	38	29	2.22	−1.14	19	8	3	4
1908	73.4	−0.8	101	7	29	28	4.00	+0.64	13	8	9	7
1909	74.7	+0.5	108	3	31	28	2.84	−0.52	18	7	5	5
1910	76.4	+2.2	101	23	44	18	2.41	−0.95	18	8	4	5
1911	79.0	+4.8	102	27	46	22	3.67	+0.31	18	9	3	6
1912	78.5	+4.3	106	6	32	26	2.40	−0.96	18	8	4	4
1913	71.7	−2.5	108	4	33	21	10.10	+6.74	9	9	12	13
1914	74.4	+0.2	101	9	38	24	3.19	−0.17	16	9	5	5
1915	74.9	+0.7	100	19	34	22	1.43	−1.93	16	8	6	3
1916	72.5	−1.7	102	4	30	30	3.40	+0.04	19	6	5	6
1917	71.8	−2.4	99	1	37	29	1.76	−1.60	18	7	5	4
1918	67.3	−6.9	104	15	29	21	4.63	+1.27	16	5	9	7
1919	74.6	+0.4	108	10	40	12	2.72	−0.64	15	8	7	4
1920	74.9	+0.7	100	15	30	30	3.56	+0.20	17	6	7	6
1921	79.6	+5.4	104	2	35	30	3.38	+0.02	14	9	7	6
1922	76.2	+2.0	106	6	37	12	1.25	−2.11	22	5	3	3
1923	73.0	−1.2	98	11	45	23	5.56	+2.20	12	7	11	9
1924	69.7	−4.5	103	7†	29	30	3.99	+0.63	17	5	8	7
1925	80.5	+6.3	113	6	47	12	5.96	+2.60	16	7	7	7
1926	76.8	+2.6	101	13	40	26	3.99	+0.63	14	8	8	7
1927	75.9	+1.7	105	17	32	21	3.37	+0.01	16	8	6	6
1928	70.5	−3.7	101	15	32	24	0.45	−2.91	22	5	3	1
1929	73.4	−0.8	102	1	41	19	2.46	−0.90	15	8	7	5
1930	75.7	+1.5	106	8	35	27	4.10	+0.74	15	8	7	8
1931	78.4	+4.2	102	15	34	27	1.00	−2.36	22	7	1	3

Corrections: August, 1931

Arlberg: Number of partly cloudy days should be 19, cloudy 3.
Wynne: Mean maximum temperature should be 86.2°.

Climatological Data for September, 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	36	79.2	+4.6	98	17†	47	28†	41	2.45	-0.65	2.22	0.0	3	14	16	0	sw.	J. W. Campbell
Arkadelphia	Clark	250	35	....	....	....	....	....	....	....	1.20	-1.79	0.92	0.0	2	24[a]	3[a]	2[a]	n.	W. K. Bown
Arkansas City	Desha	145	47	..	....	....	....	....	....	....	0.30	-2.56	0.22	0.0	2	24	3	3	.....	Herbert Neff
Arlberg	Stone	700	9	....	....	....	....	....	....	....	0.71	..	0.71	0.0	1	21	9	0	ne	J. D. Reeves
Batesville	Independence	277	32	76.0	+3.4	97	23	37	30	48	0.72	-2.97	0.39	0.0	3	19	9	2	se.	Mrs. Lelia L. Teter
Bee Branch	Van Buren	700	39	77.8	+3.7	99	23	45	27†	39	0.25	-2.97	0.24	0.0	2	27	1	2	s.	J. E. Scanlan
Bentonville	Benton	1303	26	76.1	+5.7	95	17	43	27	33	0.53	-3.25	0.37	0.0	5	26	4	0	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	....	1	....	....	....	....	....	....	....	1.37	......	0.35	0.0	5	24	0	6	.....	Harry Johnson
Black Rock	Lawrence	259	29	....	....	....	....	....	....	....	0.51	-3.21	0.22	0.0	3	28	1	1	s.	Vernon C. Howe
Blytheville	Mississippi	252	6	78.8	.....	97	10	47	29	35	1.05	......	0.52	0.0	5	17	8	5	sw.	Charles Phillips, Jr.
Booneville	Logan	465	17	79.4	+3.8	100	25	44	27	42	0.55	-2.82	0.28	0.0	2	17	12	1	s.	F. H. Randolph
Brinkley	Monroe	205	44	78.4	+4.0	99	18†	40	30	47	0.56	-2.92	0.23	0.0	3	24	5	1	ne.	R. J. Torry
Calico Rock	Izard	361	27	77.6	+5.1	102	17	38	30	49	0.31	-3.27	0.21	0.0	5	15	15	0	sw.	W. J. Copp
Camden	Ouachita	158	46	78.6	+3.4	94	24	41	30	46	1.45	-1.86	1.44	0.0	2	23	5	2	sw.	Georgia Quarterman
Carthage	Dallas	....	1	....	....	....	....	....	....	....	0.07	-3.27	0.07	0.0	1	28	1	1	.....	C. R. Tewalt
Center Point	Howard	470	32	80.4	+3.6	100	24	54	29	31	0.92	-2.59	0.78	0.0	2	21	9	0	s.	John C. Floyd
Clarendon	Monroe	200	27	....	....	....	....	....	....	....	0.42	-3.27	0.16	0.0	4	23	3	4	s.	J. W. Bishop
Clinton	Van Buren	516	10	....	....	....	....	....	....	....	1.50	......	1.18	0.0	3	22	8	0	w.	A. L. Stephens
Conway	Faulkner	309	48	79.6	+5.3	100	25	44	30	43	1.12	-1.99	1.42	0.0	1	28	1	1	e.	E. E. Cordrey
Corning	Clay	293	38	....	......	..	..	42	28†	..	1.25	-2.45	0.73	0.0	4	21	8	1	sw.	Winfred D. Polk
Cotter	Baxter	408	4	....	....	....	....	....	....	....	0.20	......	0.20	0.0	1	24	6	0	sw.	O. B. McSpadden
Crosset	Ashley	175	16	80.6	+5.5	99	4†	48	30	39	0.87	-1.68	0.54	0.0	2	18	6	6	s.	G. A. Gifford
Danville	Yell	327	15	....	....	....	....	....	....	....	0.66	-2.91	0.48	0.0	2	25	3	2	e.	C. G. Hudson
Dardanelle	Yell	330	45	80.0	+4.7	100	17	46	27†	41	0.18	-3.25	0.11	0.0	2	16	12	2	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	....	....	....	....	....	....	....	0.54	......	0.21	0.0	3	25	1	4	.....	H. G. Pate
Dumas	Desha	162	25	80.4	+4.8	101	14†	44	30	39	0.51	-2.83	0.45	0.0	3	13	16	1	s.	Ben Johnson
Dutton	Madison	1590	28	72.0[a]	+3.2	95[a]	6†	34[a]	27	43[a]	0.56	-4.32	0.29	0.0	3	26[a]	2[a]	1[a]	s.	J. M. Ricketts
El Dorado	Union	270	30	81.6	+4.8	99	4†	51	29†	36	0.88	-2.15	0.70	0.0	2	11	16	3	s.	J. I. Babb
England	Lonoke	229	24	78.9	+3.6	98	15†	44	30	41	1.32	-2.21	0.70	0.0	2	26	4	0	s	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	77.3	+5.4	93	6†	45	27	36	1.18	-3.17	0.60	0.0	5	21	9	0	sw.	Geo. W. Nicholds
Fayetteville	Washington	1451	44	76.6	+4.6	97	17	40	27	41	1.75	-1.91	0.96	0.0	3	22	7	1	s.	University of Arkansas
Fort Smith	Sebastian	457	50	79.5	+5.5	97	17	50	27	31	0.77	-2.22	0.59	0.0	4	24	5	1	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	7	....	....	....	....	....	....	....	0.82	....	0.53	0.0	4	24	6	0	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	45	....	....	....	....	....	....	....	1.71	-0.86	1.45	0.0	2	25	3	2	.....	T. J. Logan
Georgetown	White	200	19	....	....	....	....	....	....	....	0.12	-3.82	0.12	0.0	1	25	1	4	.....	W. R. Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	0.25	......	0.13	0.0	4	17	12	1	.....	Ben F. Battenfield
Grannis	Polk	909	12	75.9	+1.9	99	5	42	28†	44	1.89	-2.51	1.45	0.0	4	21	8	1	e.	W. E. McVay
Gravette	Benton	1250	34	77.0	+6.2	98	6	40	27	37	0.98	-2.84	0.41	0.0	5	22	7	1	sw.	A. F. Stevens
Harrison	Boone	1052	30	75.3	+5.1	96	15	39	30	44	0.38	-3.72	0.18	0.0	5	24	6	0	sw.	Louis R. Keck
Helena	Phillips	250	59	79.4	+4.3	99	18†	44	27	37	0.35	3.06	0.35	0.0	1	11	17	2	sw.	James A. Burnett
Higden	Cleburne	445	13	....	....	....	....	....	....	....	0.15	-3.71	0.08	0.0	3	10	20	6	w.	Geo. W. Baker
Highland	Pike	....	2	80.2	......	99	24	52	29	33	0.78	....	0.74	0.0	2	16	14	0	s.	Tom W. Stewart
Hope	Hempstead	377	60	80.0	+5.3	98	6†	44	30	40	3.32	+0.12	2.57	0.0	3	26	3	1	s.	N. P. O'Neal
Hot Springs	Garland	600	40	79.5	+4.3	93	5†	50	30	32	1.31	-2.16	0.87	0.0	3	16	13	1	.....	G. C. Bolton
Index ‡‡	Little River	275	6	....	....	....	....	....	....	....	2.86	....	2.10	0.0	2	25	3	2	.....	H. G. Sanderson
Jessieville	Garland	750	5	....	....	....	....	....	....	....	0.91	.....	0.30	0.0	4	20	10	0	.....	U. S. Forest Service
Jonesboro	Craighead	345	36	79.2	+4.9	99	18	47	28	36	0.77	-2.63	0.40	0.0	5	21	9	0	sw.	Benedictine Sisters
Junction ‡‡	Union	182	37	80.5	+4.8	98	25	47	28	40	0.69	-1.79	0.28	0.0	3	25	5	0	s.	J. A. Lowderback
Lead Hill	Boone	650	4	75.4	......	99	17	36	30	48	0.21	......	0.12	0.0	2	27	3	0	sw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	79.9	+5.8	96	25	51	30	29	0.64	-2.53	0.30	0.0	6	19	9	2	s.	U. S. Weather Bureau
Lurton ††	Newton	2100	6	74.8[a]	......	93[a]	17	47[a]	27	27[a]	0.51	....	0.35	0.0	4	22	7	1	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	79.4	+5.5	100	15†	46	27	35	1.07	-2.97	0.76	0.0	3	22	6	2	sw.	H. G. Lenhardt
Madison	St. Francis	....	1	....	......	..	..	......	..	..	2.01	.....	2.00	0.0	2	23	0	7	.....	William G. Hager
Magnolia	Columbia	315	12	81.2	+4.0	101	20	47	30	43	0.06	-2.31	0.00	0.0	0	16	14	0	ne.	State Agri. School
Malvern	Hot Springs	277	44	79.4	+4.6	99	5†	44	30	44	0.62	-2.57	0.52	0.0	2	29	0	1	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	26	75.4	+4.0	97	17†	42	30	36	2.95	-0.86	2.20	0.0	3	21	7	2	s	S. F. Whittaker
Marianna	Lee	235	19	79.0	+5.0	95	25	48	29	31	0.70	-2.18	0.53	0.0	2	11	19	0	sw.	C. N. Houck
Marked Tree	Poinsett	229	26	77.2	+3.7	97	18†	41	26†	40	1.61	-1.24	0.84	0.0	3	25	4	1	n.	Charles Walton
Marshall	Searcy	1070	17	74.2	+2.0	96	17	38	27†	44	0.13	-4.23	0.07	0.0	3	25	5	0	sw.	A. J. Parks
Mena	Polk	1185	43	78.6	+4.7	98	17	48	27†	36	0.61	-3.18	0.28	0.0	4	19	10	1	sw.	E. W. St John
Morrilton	Conway	347	10	79.6	.....	100	17	47	25†	40	0.74	.....	0.74	0.0	1	26	4	0	se.	John Cook
Mountain Home	Baxter	800	17	78.0	+7.1	102	17	42	27†	41	0.23	-4.11	0.12	0.0	3	23	6	1	s.	B. S. Halbert
Mount Ida	Montgomery	650	32	77.3	+4.2	101	3	36	30	51	0.85	-2.73	0.55	0.0	3	20	9	1	sw.	G. A. Whittington
Newport	Jackson	231	47	78.2	+4.0	100	23	43	30	42	0.67	-2.94	0.62	0.0	4	25	3	2	n.	J. D. Henderson
Norman	Montgomery	750	4	....	....	....	....	....	....	....	0.76	.....	0.58	0.0	2	24	6	0	.....	U. S. Forest Service
Oden	Montgomery	800	5	....	....	....	....	....	....	....	0.66	......	0.16	0.0	3	28	2	0	se.	U. S. Forest Service
Okay	Howard	288	2	77.8	......	97	5†	45	30	41	4.18	....	4.13	0.0	2	20	9	1	s.	Charles R. Jackson
Osceola	Mississippi	240	33	79.4	+6.1	99	10†	46	29	37	2.05	-0.79	1.45	0.0	3	18	10	2	s.	Charles H. Hampton
Ozark	Franklin	396	35	79.4	+3.5	99	17	45	27	37	0.34	-2.94	0.34	0.0	1	23[a]	4[a]	2[a]	e.	Orkney O. Milton
Paragould	Greene	301	5	....	....	....	....	....	....	....	1.68	......	1.25	0.0	3	23	7	0	s	W. R. Beagler
Parkin	Cross	....	1	....	....	....	....	....	....	....	0.59	......	0.42	0.0	2	22	2	6	.....	P. D. Roberts
Patterson	Woodruff	196	15	....	....	....	....	....	....	....	0.50	-2.39	0.27	0.0	2	28	0	2	s.	W. E. Baker
Piggott	Clay	307	7	....	....	....	....	....	..	......	2.54	..	1.85	0.0	5	24	5	1	sw.	V. C. Wright
Pine Bluff	Jefferson	215	41	80.2	+4.0	98	25	48	30	39	0.26	-3.30	0.13	0.0	2	21	7	2	s.	Miss Theresa Scheu
Pocahontas	Randolph	309	38	77.4	+4.0	99	23	45	28	38	1.52	-2.05	0.55	0.0	6	18	9	3	sw.	Benedictine Sisters
Portland	Ashley	122	25	78.2	+1.8	97	24†	42	30	42	0.02	-2.69	0.02	0.0	1	15	12	3	s.	W. E. Edmiston
Prescott	Nevada	329	43	79.7	+3.5	97	5†	49	29†	36	2.62	-0.47	1.33	0.0	3	26	4	0	s.	Craig Williams
Rison	Cleveland	243	30	80.2	+1.1	100	24	46	28	41	0.33	-3.00	0.28	0.0	2	21	9	0	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	76.0	+5.0	98	6†	41	27	43	0.58	-3.21	0.22	0.0	4	22	6	2	sw.	Carl A. Starck
Saint Charles	Arkansas	175	2	77.8[a]	....	94[b]	25	46	30	27[b]	0.51	......	0.43	0.0	2	25	5	0	s.	Ballard Deane
Saint Francis	Clay	290	3	....	....	....	....	....	....	......	3.02	...	2.24	0.0	5	24	5	1	.....	S. T. Rooney
Searcy	White	236	22	77.6	+3.6	98	18†	43	30	41	0.80	-2.21	0.80	0.0	1	28	1	1	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	24	......	..	....	....	....	....	......	0.65	-2.24	0.50	0.0	3	20	5	5	.....	Miss Grace Field
Story	Montgomery	700	7	....	..	....	....	....	....	......	0.77	......	0.61	0.0	3	24	6	0	s.	S. C. Story
Stuttgart	Arkansas	228	41	79.0	+4.4	100	17†	43	29	42	0.92	-2.42	0.60	0.0	3	24	3	3	s.	Adam F. Buerkle
Subiaco	Logan	1050	34	79.0	+3.6	100	25	46	27	39	0.89	-2.52	0.52	0.0	3	15	11	4	s.	New Subiaco Abbey
Texarkana	Miller	332	45	79.7	+2.8	99	24	46	30	41	0.90	-2.01	0.65	0.0	2	21	9	0	s.	H. S. Brashear
Thornburg	Perry	650	7	77.1	.....	102	15	34	30	51	1.96	......	0.97	0.0	4	17	12	1	s.	Edward E. Holmes
Waldron	Scott	675	12	....	....	....	....	....	....	......	0.44	-2.93	0.11	0.0	7	11	17	2	se.	Dr. Cheves Bevill
Warren	Bradley	206	37	78.6	+3.1	95	25	48	30	34	0.72	-3.26	0.30	0.0	3	17	13	0	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	....	....	....	....	....	....	....	0.45	......	0.29	0.0	2	27	3	0	w.	J. R. Huddleston
Whitecliffs	Little River	290	27	....	....	....	....	....	....	......	4.32	+1.74	4.25	0.0	2	19	9	2	se.	Nannie O. Schirmer
Wilson	Mississippi	237	6	76.5	.....	98	18†	40	28†	44	0.78	......	0.28	0.0	4	24	3	3	s.	S.N. Johnson
Winslow	Washington	1734	16	......	......	..	..	..	..	..	....	......	..	...	..	..	..	..	. . .	
Wynne	Cross	250	23	77.9	+3.4	98	18	42	28	36	0.71	-2.89	0.37	0.0	3	25	5	0	s.	R. T. Cobbs
Yancopin	Desha	167	7	......	......	....	..	..	....	......	0.29	......	0.26	0.0	2	21	4	5	.....	W. E. Barton
State Means				78.4	+4.2	102	15†	34	27†	51	1.00	-2.36	4.25	0.0	3	22	7	1	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain o melted snow. ††Received too late for means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Bi Lake Outlet, Manila; Freeman Springs, Dover; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipi tation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m.

Daily Precipitation for September, 1931

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
		Day of Month																															
Amity	Ouachita			2.22		.13															.10												2.45
Arkadelphia	Ouachita			.92																	.28												1.20
Arkansas City	Mississippi			.22			T.				T.								.08				T.			T.							0.30
Arlberg	White			.71																													0.71
Batesville	White		T.	.09									.04							T.					.59								0.72
Bee Branch	Arkansas	.01	.21																														0.25
Bentonville***	Arkansas	.31	.05																				.06	.05		.05							0.53
Big Lake Outlet	St. Francis		.30	.12		.25							.35												.35		T.						1.37
Black Rock	White		.15										.04												.32								0.51
Blytheville	Mississippi		.34	.09									.07												.52		.03						1.05
Booneville	Arkansas	.27	.28									T.						T															0.55
Brinkley	White		.22	.11										.23																			0.56
Calico Rock	White		.21	.02																.02					.03		.03						0.31
Camden	Ouachita		.01	1.44																													1.45
Carthage	Ouachita			.07																													0.07
Center Point	Red		.78																	.14													0.92
Clarendon	White	T.	.05	16		.15																	.06										0.42
Clinton	White	.03	.29		1.18																												1.50
Conway	Arkansas		1.42																														1.42
Corning	White		.73										.32												.10		.10						1.25
Cotter	White																			T.					T.		.20						0.20
Crossett	Ouachita			.33			.54				T.												T.										0.87
Danville	Arkansas													.48											.18								0.66
Dardanelle	Arkansas		.07	.11																													0.18
De Valls Bluff	White		15	.18		.21																											0.54
Dumas	Mississippi			T.		.45								T.					.05				.01			T							0.51
Dutton	White	.23	.29																					T.		.04							0.56
El Dorado	Ouachita			.18			T							.70									T		T								0.88
England	Arkansas		70									T.								T.		.62											1.32
Eureka Springs	White	.22	.16																				.60		.10	.10							1.18
Fayetteville	White	.78	.96																.01							T.							1.75
Fort Smith***	Arkansas	.29	.30								T.		.17						.01			T.			T.								0.77
Freeman Sprgs.	Arkansas	.12	.53	.05		.12																					T.						0.82
Fulton	Red		1.45	.26								T.																					1.71
Georgetown	White			.12																													0.12
Gilbert	White		.13																	.03					.07		02						0.25
Grannis	Red	T.	1.45			.04					.01								.30			T.											1.80
Gravette	Arkansas	.17																	.41				.06		.16	.18							0.98
Harrison	White		.05										.02											.08	.18	.05							0.38
Helena	Mississippi					.35																											0.35
Higden	White	.04	08		T.														.03														0.15
Highland	Ouachita		.74																	.04													0.78
Hope	Red		2.57	.73																.02		T.											3.32
Hot Springs	Ouachita		.34		.87								.10																				1.31
Index	Red		2.10	.76																													2.86
Jessieville	Ouachita		.20		.30								.30							.11													0.91
Jonesboro	White		.17	.08		.40							.05												.07								0.77
Junction	Ouachita	.28		T									.24							T.			.17										0.69
Lead Hill	White	.09																	T				T	T.		.12							0.21
Little Rock***	Arkansas		.04		.30								.01						.21	.06				.02									0.64
Lurton	White	.10	.05																.35							.01							0.51
Lutherville	Arkansas	.76	.28		.03															T.													1.07
Madison	St. Francis		.01	2.00																													2.01
Magnolia	Red																																0.00
Malvern	Ouachita		.10	.52																													0.62
Mammoth Spg.	White		.55	.20																					2.20		T						2.95
Marianna	Mississippi		.17		.53																												0.70
Marked Tree	Mississippi		.84	.67																					.10								1.61
Marshall	White		.07																.02						.04	T.							0.13
Mena	Ouachita		.16	.03		.14								.28											T		T.						0.61
Morrilton	Arkansas			.74																T.													0.74
Mountain Home	White		.08									T	.03						T.				.12										0.23
Mount Ida	Ouachita				.55							.28												.02									0.85
Newport	White			.62									.02												.01		.02						0.67
Norman	Ouachita	T.	.58		.18								T.											T									0.76
Oden	Ouachita								.13				.07											.46									0.66
Okay	Red		T.	4.13							T.									.05													4.18
Osceola	Mississippi			1.45									.50												.10								2.05
Ozark	Arkansas		.34																														0.34
Paragould	Mississippi		1.25	.06																					.37		T.						1.68
Parkin	St. Francis		.17	.42																													0.59
Patterson	White		.23	.27																													0.50
Piggott	Mississippi		1.85	.16									.16											.26			.11						2.54
Pine Bluff	Arkansas		.13	.13																													0.26
Pocahontas	White		.15	.05									.17											.55	.55		.05						1.52
Portland	Ouachita						.02															T	T.										0.02
Prescott	Ouachita		1.23	1.33																	.06		T.										2.62
Rison	Ouachita			.28							.05																						0.33
Rogers	White	.16	.22																						.16	.04							0.58
St. Charles	White		.08		T.							T.			.43																		0.51
St. Francis	St. Francis		2.24	.26									.10												.10		.32						3.02
Searcy	White			.80																													0.80
Springbank	Red		.06	.50				T.				T.											.09										0.65
Story	Ouachita			.08										.61												.08							0.77
Stuttgart	Arkansas			.60																.07			.25										0.92
Subiaco	Arkansas	.52	.25										.12			T.							T.			T.							0.89
Texarkana	Red		.65	.25																													0.90
Thornburg	Arkansas	T.	.97										.66					T.	.06	.27				T.	T.								1.96
Waldron	Arkansas	.07	.11			.04	.05						.04						.06					.07									0.44
Warren	Ouachita		T.	.30							.30			T		T.			T.				.12										0.72
Waters	Ouachita			.29		.16																											0.45
Whitecliffs	Red		T.	4.25	T.							T.									T.		.07										4.32
Wilson	Mississippi		.11	.22		.28							.17														T.						0.78
Winslow	Arkansas																																....
Wynne	Mississippi		.37	19												.15																	0.71
Yancopin	Arkansas			.03															.26														0.29

Daily River Stages for September. 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.0	3.0	4.0	3.6	5.6	6.2	5.7	4.7	4.1	3.7	8.4	3.2	3.0	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.2	2.1	2.1	2.0	1.9	1.9	2.0	2.0	
Ozark	do	22	0.5	-0.6	-0.6	0.3	0.0	0.0	2.1	1.6	0.8	0.2	-0.2	-0.5	-0.8	-0.9	-0.9	-1.0	-1.1	-1.2	-1.4	-1.5	-1.6	-1.7	-1.8	-1.8	-1.8	-1.8	-1.9	-1.9	-1.9	-1.9	
Dardanelle	do	20	3.6	3.4	3.3	3.3	3.6	3.5	4.5	5.0	4.6	4.0	3.6	3.3	3.1	3.0	3.0	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	2.0	
Little Rock	do	23	0.9	0.0	-0.6	-1.0	-1.1	-1.1	-0.8	-0.8	0.3	0.6	0.3	-0.4	-0.8	-1.2	-1.4	-1.6	-1.7	-1.8	-1.9	-2.1	-2.2	-2.3	-2.4	-2.5	-2.5	-2.6	-2.7	-2.7	-2.8	-2.8	
Pine Bluff	do	25	5.1	5.5	4.9	4.3	3.8	3.7	3.7	4.0	4.2	5.2	5.9	5.4	4.5	3.9	3.4	3.1	2.9	2.7	2.7	2.5	2.3	2.1	2.1	2.0	1.9	1.9	1.7	1.6	1.6	1.5	
Yancopin	do	29	6.2	6.6	7.5	7.4	5.9	5.6	5.5	5.5	5.5	5.5	6.0	7.0	7.3	6.8	6.1	5.5	5.2	4.9	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.7	3.6	3.4	3.3	
Danville	Petit Jean.	20	3.6	2.7	2.1	1.8	2.4	2.2	1.9	1.7	1.6	1.5	1.4	1.4	1.3	1.3	1.1	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.9	4.8	4.8	3.8	3.6	3.5	3.4	3.3	3.3	3.1	3.1	3.1	3.0	2.9	2.8	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
Calico Rock	do	18	3.3	2.2	2.7	1.7	1.4	1.2	1.2	1.2	0.7	0.3	0.2	0.2	0.1	0.1	0.0	0.0	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.2	-0.4	-0.1	0.2	0.0	0.0	-0.1	-0.2	
Batesville	do	23	9.3	8.2	8.1	7.5	6.4	6.1	6.0	5.9	5.8	5.3	5.0	4.9	4.8	4.7	4.6	4.6	4.6	4.3	4.4	4.4	4.5	4.4	4.4	4.4	4.2	4.4	4.7	4.5	4.5	4.5	
Newport	do	26	5.8	4.8	4.0	3.7	3.1	3.6	3.3	2.3	2.0	1.9	1.5	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	1.0	1.0	0.7	0.6	
Georgetown	do	22	5.2	6.1	6.6	6.2	5.6	5.2	4.5	3.8	3.4	3.1	2.8	2.5	2.1	1.8	1.7	1.4	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5	
De Valls Bluff	do	24	9.0	9.3	10.0	10.4	10.2	9.7	9.2	8.6	8.0	7.5	7.1	6.8	6.5	6.1	5.7	5.7	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.2	4.1	4.0	4.0	4.1	4.3	
Clarendon	do	30	11.7	11.9	12.3	12.9	13.0	12.8	12.4	11.9	11.4	11.0	10.6	10.3	10.0	9.7	9.3	9.0	8.8	8.6	8.4	8.3	8.1	7.9	7.8	7.7	7.6	7.5	7.4	7.4	7.4	7.5	
Gilbert	Buffalo	30	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	
Black Rock	Black	14	2.0	1.8	1.8	1.8	1.6	1.5	1.5	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	2.5	2.4	2.0	1.8	1.8	1.6	
Camden	Ouachita	30	6.0	5.1	4.7	4.7	5.1	6.0	6.0	5.5	4.6	4.1	3.9	3.9	4.1	4.1	4.0	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.0	
Fulton	Red	28	5.0	5.3	5.4	7.3	7.0	5.8	4.9	4.3	4.1	3.9	3.8	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	
Helena	Mississippi	44	8.1	8.9	9.7	10.2	9.9	9.1	8.9	9.5	10.5	11.4	11.8	11.9	11.6	11.0	10.0	8.6	7.4	6.2	5.1	4.2	3.5	2.7	2.6	3.3	4.1	4.6	4.6	4.0	3.3	3.0	
Arkansas City	do	48	8.8	8.8	9.3	10.2	10.8	11.0	10.6	10.0	10.0	10.6	11.5	12.1	12.6	12.6	12.3	11.5	10.3	9.1	7.9	6.6	5.5	4.6	3.8	3.3	3.4	3.9	4.5	4.7	4.5	4.0	

Daily temperatures for September, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	86	88	90	95	97	95	93	97	96	94	91	89	93	95	96	96	98	96	92	92	92	95	97	98	98	82	83	82	84	88		92.3
	Minimum	70	71	65	66	68	69	68	66	68	68	65	65	66	70	72	72	71	72	70	70	71	72	72	69	69	68	51	47	48	47		66.2
Bee Branch	Maximum	88	86	87	91	95	93	94	96	92	92	90	90	94	95	95	94	98	97	93	93	94	95	99	93	97	83	78	78	79	84		91.1
	Minimum	70	70	64	65	68	67	66	66	64	68	65	62	66	67	69	68	70	71	69	74	73	71	69	67	68	55	45	46	45	45		64.4
Bentonville	Maximum	79	83	87	90	94	95	93	92	93	90	89	89	89	91	93	92	95	94	88	89	88	91	93	92	83	72	76	77	77	82		87.9
	Minimum	67	64	59	67	65	66	67	67	67	66	65	64	68	72	72	69	71	70	71	73	73	73	69	68	61	49	43	46	49	49		64.3
Blytheville	Maximum	88	85	83	89	92	95	94	90	94	97	93	88	91	92	94	93	95	95	94	94	94	94	92	88	95	92	76	73	78	85		90.1
	Minimum	73	67	64	66	66	67	70	71	64	69	73	70	70	71	74	74	74	75	75	74	73	75	74	71	70	57	48	48	47	52		67.4
Booneville	Maximum	87	88	90	97	97	95	95	94	94	95	95	94	95	95	99	99	97	96	93	94	93	97	97	99	100	82	80	81	81	87		92.9
	Minimum	70	69	62	68	67	68	67	63	69	70	64	69	67	69	70	71	71	72	68	75	76	75	76	73	69	56	44	45	51	45		65.8
Brinkley	Maximum	91	85	87	94	96	97	96	95	92	95	91	91	94	96	97	95	97	99	95	96	95	96	99	96	98	90	78	78	80	87		92.5
	Minimum	69	72	65	63	70	64	64	67	62	66	69	63	68	69	70	70	70	71	68	72	69	72	69	70	70	59	43	44	43	40		64.4
Calico Rock§§	Maximum	90	87	88	93	96	98	98	98	97	95	94	93	96	98	99	99	102	101	95	96	95	99	100	91	98	75	78	80	80	87		93.2
	Minimum	66	70	63	62	61	61	64	65	62	62	64	64	64	67	67	67	69	69	68	68	70	71	67	67	69	46	43	42	41	38		61.9
Camden§§	Maximum	92	87	90	96	97	94	95	95	93	91	90	91	94	96	96	94	95	95	93	95	94	95	97	98	97	87	79	80	83	87		92.2
	Minimum	71	72	66	67	70	68	66	67	66	66	62	63	67	69	68	69	72	70	67	68	73	72	70	69	70	63	49	45	42	41		64.9
Center Point	Maximum	89	89	90	96	98	96	92	97	95	91	89	89	92	93	94	93	95	94	88	91	91	93	97	100	98	87	79	82	82	87		91.6
	Minimum	71	73	70	70	72	71	72	70	71	70	68	67	68	73	73	73	73	74	71	72	72	74	74	74	74	64	57	55	54	56		69.2
Conway	Maximum	92	86	85	91	94	95	94	94	93	93	93	93	95	98	99	99	99	98	97	96	96	98	96	94	100	85	79	81	80	87		92.7
	Minimum	71	71	67	67	70	69	68	68	65	69	68	65	68	71	72	71	72	73	71	75	73	74	71	70	72	61	48	47	48	44		66.6
Corning	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	70	66	61	61	63	63	66	70	59	66	69	69	60	72	73	69	73	73	72	73	69	73	70	68	68	52	43	42	43	42		63.9
Dardanelle	Maximum	91	88	89	97	99	98	97	98	97	96	94	92	96	98	99	98	100	98	95	96	95	97	99	97	99	85	83	81	82	87		94.0
	Minimum	72	70	65	67	71	68	66	66	69	70	66	64	67	70	70	71	72	74	70	74	73	74	71	69	70	55	46	46	47	46		66.0
Dumas	Maximum	95	89	90	98	95	98	100	98	99	94	90	99	97	101	99	99	98	100	99	98	96	100	97	99	101	85	79	65	81	83		94.2
	Minimum	70	75	67	67	71	70	66	69	62	66	67	64	67	70	72	72	75	72	75	72	71	73	70	71	70	64	48	48	49	44		66.6
Dutton	Maximum	78	81	86	90	92	95	91	92	94	89	86	87	87	90	92	..	95	93	95	88	87	89	87	93	87	73	75	78	79	87		87.4
	Minimum	65	60	54	56	57	57	56	55	58	59	55	57	59	60	62	..	60	61	61	64	69	64	59	59	63	47	34	35	38	56		56.6
El Dorado	Maximum	94	89	92	99	99	96	98	97	96	96	90	93	95	96	97	93	98	96	93	98	92	97	98	99	99	90	83	81	84	87		93.8
	Minimum	73	73	69	71	74	70	69	72	70	70	68	70	69	73	73	73	78	74	72	73	71	74	74	73	75	74	53	52	51	51		69.5
Eureka Springs	Maximum	80	83	88	91	96	98	96	93	94	92	91	90	89	91	93	94	98	94	89	89	86	91	94	89	82	74	78	81	82	85		89.0
	Minimum	69	64	60	68	64	70	70	69	67	66	68	64	70	73	75	72	74	74	71	72	73	69	71	67	68	49	45	46	50	49		65.6
Fayetteville	Maximum	82	83	87	91	95	96	94	92	94	91	89	88	89	92	94	93	97	94	88	90	89	92	95	93	89	77	77	82	81	84		89.3
	Minimum	69	64	59	67	64	70	64	64	64	63	63	61	68	71	74	69	70	72	71	73	73	75	69	68	73	48	40	41	48	43		63.9
Fort Smith	Maximum	87	86	89	95	94	94	94	94	93	90	89	88	93	95	95	95	97	93	91	92	92	93	96	93	92	77	81	78	78	83		90.2
	Minimum	71	69	64	70	73	72	72	70	72	72	70	68	70	72	73	73	74	75	72	75	76	75	74	73	70	58	50	52	55	54		68.8
Gravette	Maximum	83	82	87	90	95	98	93	93	95	91	90	90	90	93	94	94	97	94	89	90	88	92	95	92	86	76	77	79	78	83		89.1
	Minimum	69	63	58	67	66	67	64	66	66	66	60	64	70	73	73	76	72	71	71	72	73	76	70	68	69	48	40	47	52	52		61.8
Helena	Maximum	90	89	87	96	95	94	98	95	94	97	85	94	93	98	97	95	97	99	96	97	95	95	99	95	99	90	76	76	80	86		92.6
	Minimum	71	74	65	64	69	67	67	69	67	68	59	66	68	72	72	73	73	72	69	73	74	74	72	71	73	60	44	46	49	49		66.3
Hope	Maximum	93	88	94	95	96	98	97	96	93	90	88	91	94	95	95	98	95	98	91	93	94	93	97	97	95	85	74	82	76	84		91.8
	Minimum	70	66	67	68	71	69	68	67	67	67	70	74	76	80	77	77	79	78	76	79	73	72	71	69	72	63	49	46	45	41		68.3
Hot Springs	Maximum	87	88	87	79	93	92	91	93	92	89	88	82	90	92	93	92	93	93	89	90	90	91	90	90	93	84	79	79	79	82		88.3
	Minimum	72	79	69	70	70	74	71	71	71	72	72	70	72	73	75	75	78	77	75	77	72	78	76	76	76	69	55	52	55	50		70.7
Jonesboro	Maximum	89	81	84	94	93	96	96	97	92	97	90	91	94	95	97	96	98	99	94	95	94	96	95	89	97	81	75	77	77	86		91.2
	Minimum	72	72	64	64	66	65	70	72	63	69	72	70	69	71	74	74	75	75	75	75	73	75	71	69	69	58	48	47	49	50		67.2
Lead Hill	Maximum	84	85	87	92	95	97	94	94	94	93	92	92	94	96	98	97	99	97	94	94	93	95	95	91	90	73	77	79	80	84		90.8
	Minimum	70	66	61	62	57	61	65	63	62	61	62	63	62	63	64	65	67	66	66	66	65	71	65	65	68	46	39	39	38	36		60.1
Little Rock	Maximum	90	86	86	93	94	94	94	95	92	90	88	90	91	94	94	92	95	93	92	92	92	93	94	93	95	78	76	76	78	83		89.8
	Minimum	73	72	68	71	72	73	73	72	70	73	69	68	69	74	75	75	75	76	73	75	75	74	76	72	76	63	55	55	55	54		70.0
Lutherville	Maximum	83	85	88	91	95	96	96	97	93	91	91	92	93	96	100	96	100	99	94	94	95	98	98	97	96	79	81	81	80	81		91.9
	Minimum	72	67	63	68	68	68	68	68	68	71	69	65	69	69	73	85	71	74	70	71	75	73	70	65	75	55	46	52	50	48		67.0
Magnolia	Maximum	95	91	93	95	96	97	98	96	94	95	95	95	97	99	100	96	99	100	95	101	98	98	98	98	98	94	82	80	82	90		94.9
	Minimum	71	72	67	70	73	69	68	69	70	68	63	70	67	71	71	73	76	72	68	74	73	71	71	70	73	69	53	48	49	47		67.5
Malvern	Maximum	90	89	90	94	99	96	95	98	97	93	92	92	94	97	96	94	97	96	93	95	95	97	98	99	98	91	83	82	84	88		93.4
	Minimum	70	71	65	67	69	69	67	67	64	68	66	66	66	68	69	70	71	72	68	71	72	71	70	71	70	63	46	45	45	44		65.4
Mammoth Spring	Maximum	89	83	82	89	90	92	93	92	92	93	89	87	93	94	95	93	97	97	91	92	91	94	96	85	91	69	70	72	71	78		88.1
	Minimum	73	68	58	63	58	61	63	66	59	64	67	68	64	68	70	67	69	69	70	72	69	72	68	66	62	52	46	45	46	42		62.8
Marianna	Maximum	89	87	84	90	90	93	92	91	90	92	87	89	92	94	93	92	93	94	93	93	91	92	93	91	95	90	83	75	77	81		89.5
	Minimum	70	74	72	74	71	72	72	71	66	69	70	67	70	72	73	74	74	75	71	72	74	75	70	73	74	62	52	50	48	50		68.6
Marshall	Maximum	83	81	81	85	89	90	90	91	91	86	85	85	85	89	93	89	96	93	85	90	89	88	95	89	88	84	82	73	73	71		86.4
	Minimum	72	66	60	67	59	63	60	61	60	64	61	62	69	72	74	69	69	69	71	71	74	74	70	65	69	40	38	38	39	38		62.1
Mena	Maximum	88	87	92	97	96	97	94	95	95	94	91	91	92	94	95	95	98	94	91	92	92	95	96	97	97	83	82	81	81	86		91.9
	Minimum	70	69	61	65	66	68	67	63	66	67	62	63	68	71	71	70	71	71	68	73	72	74	70	67	70	62	48	48	51	50		65.4
Mount Ida	Maximum	90	89	101	100	100	97	95	100	98	93	92	93	93	96	96	96	98	97	91	94	93	95	98	97	99	85	83	82	82	87		93.7
	Minimum	68	70	54	63	64	65	62	59	62	61	53	62	63	64	66	67	67	68	63	71	74	76	65	64	65	57	39	39	39	36		60.9
Newport	Maximum	89	81	85	90	94	95	95	95	92	96	87	91	93	95	96	96	98	98	94	94	93	95	100	92	98	81	75	78	79	85		91.0
	Minimum	71	74	65	65	68	65	66	70	62	67	70	66	68	69	72	69	72	72	72	73	73	72	70	68	70	57	45	45	47	43		65.5
Pine Bluff	Maximum	89	83	86	93	94	94	96	94	92	92	89	91	92	95	95	94	95	97	95	96	94	95	97	96	98	87	77	79	81	87		91.4
	Minimum	73	75	68	69	75	60	72	70	67	70	69	68	69	73	73	73	74	75	74	75	74	75	74	74	75	67	53	49	50	48		69.0
Pocahontas	Maximum	89	86	85	90	93	95	95	95	94	95	92	90	93	95	96	95	98	98	94	94	94	96	99	88	96	81	75	78	79	84		91.1
	Minimum	70	66	60	62	60	61	65	68	60	66	70	69	65	67	70	68	70	70	71	72	66	70	69	67	66	53	49	45	46	46		63.6
Portland	Maximum	90	89	90	95	96	92	93	94	92	92	88	91	93	96	94	92	94	95	94	94	95	94	95	97	97	87	77	75	79	84		91.1
	Minimum	70	73	70	63	73	64	65	67	63	65	65	65	65	69	70	71	73	70	67	68	70	71	69	69	69	71	49	50	47	42		65.4
Prescott	Maximum	92	90	91	96	97	95	95	96	94	92	89	91	93	96	95	95	94	94	92	93	94	94	96	97	97	93	82	80	82	85		92.3
	Minimum	71	69	66	68	71	69	68	73	70	67	65	66	67	71	70	70	73	73	68	71	70	74	71	70	72	69	53	50	49	49		67.1
Rison	Maximum	92	89	89	96	97	96	96	96	95	94	91	92	94	96	96	95	96	97	94	97	91	96	98	100	99	94	81	81	81	89		93.5
	Minimum	71	73	67	68	74	68	68	69	63	68	66	66	68	72	71	72	73	73	71	72	71	73	71	71	69	64	49	46	49	48		66.8
Searcy	Maximum	88	82	85	92	94	94	93	94	92	93	89	91	92	95	96	95	97	98	93	94	94	96	97	92	98	85	76	76	75	84		90.8
	Minimum	69	73	66	64	70	66	67	68	64	67	67	64	65	67	68	69	70	70	69	72	67	70	68	69	67	55	48	46	48	43		64.5
Stuttgart	Maximum	93	86	88	96	96	97	96	97	96	97	91	95	94	98	98	97	100	99	97	98	98	98	100	98	98	89	78	80	74	79		93.4
	Minimum	75	67	65	74	66	65	68	62	66	67	62	63	71	70	72	71	73	71	72	70	72	70	70	72	59	47	46	47	43	46		64.7
Texarkana	Maximum	93	90	92	97	98	97	95	96	96	92	92	93	94	96	95	96	96	96	96	95	95	97	96	99	90	81	82	83	83	87		92.9
	Minimum	70	70	65	68	72	75	74	68	70	68	65	63	67	68	70	75	74	75	73	70	71	72	73	71	66	52	49	48	48	46		65.5
Thornburg	Maximum	92	85	88	97	97	98	98	98	97	97	94	91	93	96	102	97	97	96	94	92	94	95	95	96	93	78	81	85	82	82		92.8
	Minimum	73	71	60	62	64	63	59	58	57	60	57	59	66	70	70	74	68	67	64	72	72	74	73	64	63	54	40	37	37	34		61.4
Warren	Maximum	89	87	88	92	94	92	91	93	91	89	86	88	91	93	92	90	90	93	92	93	92	89	93	93	95	93	79	75	78	82		89.4
	Minimum	72	74	69	69	73	67	67	70	66	67	67	68	67	71	71	72	76	73	70	72	72	73	72	72	74	69	51	49	49	48		67.7
Wilson	Maximum	90	80	82	90	91	92	96	88	95	97	89	89	91	95	95	95	97	98	96	95	95	95	98	90	97	74	74	75	78	85		90.1
	Minimum	72	63	63	63	61	62	67	60	62	66	65	63	69	70	70	71	72	72	75	76	73	69	70	68	53	46	43	40	40	42		62.9
Wynne	Maximum	87	82	83	91	92	91	93	92	93	94	84	89	93	95	95	93	97	98	96	94	93	92	95	93	97	78	73	76	77	87		89.9
	Minimum	70	71	66	64	68	65	66	68	60	67	69	64	70	64	71	72	71	72	70	75	73	72	70	69	71	54	52	42	56	51		65.9

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§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXVI LITTLE ROCK, ARK., OCTOBER, 1931 No. 10

GENERAL SUMMARY

Unusually warm weather prevailed during October 1931 and, although the highest temperature recorded was only 98°, this is the second warmest October during the past 40 years, the mean temperature being exceeded only by that of October 1897. Temperatures were above normal from the 1st to the 15th and again from the 21st to the 27th while they were slightly below normal from the 16th to the 20th and from 10° to 15° below the latter part of the month. Light frost was reported from northern, central, and eastern sections of the State about the 18th or 19th and heavy to killing frost over most of the same area on the 31st while some sections along the west-central border reported only light frost on the 31st. The mean temperature, as determined by the records of 62 stations, was 67.1°, which is 4.7° above normal, all stations for which normals have been computed showing positive departures. Monthly means ranged from 60.4° at Dutton to 71.4° at El Dorado. The highest temperature recorded was 98° at Dumas on the 10th, the lowest 26° at both Dutton and Mount Ida on the 31st. The greatest daily range was 50° recorded at Camden on the 20th and at Mount Ida on the 1st.

Showers were generally light and scattered during the first 10 days of the month but were general over the State except in the extreme southern portion from the 10th to the 15th. Some stations in the extreme northwestern portion reported from 2.00 inches to over 7.00 inches during this period. Rain again fell in all sections from the 20th to the 28th with several stations reporting an inch or more on the 22d, 23d, and the 28th. The average precipitation, based on the reports of 95 stations, was 2.35 inches which is 0.82 inch below normal. Only 11 of the 67 stations with records of 10 years or more reported positive departures. Monthly totals ranged from 0.65 inch at Wynne in the east-central portion to 10.22 inches at Gravette in the northwestern part of the State. The greatest amount measured in any 24-hour period was 5.09 inches at Gravette on the 12th.

The weather during October was very favorable for cotton and the yield promises to be the best in the history of the State. Although at times picking was delayed by rains, it progressed rapidly and was nearly completed in some southern counties by the close of the month. Meadows, pastures, late corn, and fall truck were damaged by the dry weather and in eastern and southeastern sections the soil was still too dry even at the close of the month for fall plowing and seeding. The harvesting of rice was nearly completed during the month and the yield was excellent. Very little damage resulted from the frosts and freezing temperatures of the 31st as most crops were matured.

T. A. M.

Miscellaneous Phenomena
Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	.	.	.	.	2	.	1	6	2	.	.	.	.	2	2	2	.	.	3	1	.	1	1	7	15	1	1	14	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Heavy Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	.	.	.	.	.	6	.	13	9	1	5	7	21	11	4	.	.	.	.	.	3	10	9	.	1	.	25	6	.	.	.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.04	30.42	1	29.78	28	2,388	16	nw	29	......	......	73
Fort Smith	30.04	30.40	1	29.81	28	4,488	34	nw	29	83	57	71
Little Rock	30.08	30.45	1	29.79	28	4,489	31	w	29	83	56	72
Memphis	30.09	30.45	1	29.76	28	4,412	23	sw	27	76	56	65

COMPARATIVE DATA FOR OCTOBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**62.4**		**101**		**12**		**3.17**		**18**	**6**	**7**	**5**
1891	60.4	−2.0	92	1	27	23	0.65	−2.52	25	4	2	2
1892	63.8	+1.4	92	3	27	26	3.26	+0.09	16	7	8	6
1893	60.5	−1.9	99	1	23	29	1.30	−1.87	24	4	3	3
1894	63.0	+0.6	96	23	24	21	1.52	−1.65	22	5	4	3
1895	57.1	−5.3	95	9	21	29	1.44	−1.73	19	6	6	4
1896	60.8	−1.6	98	4	25	18	3.59	+0.42	18	5	8	6
1897	67.6	+5.2	99	3	28	30	2.01	−1.16	21	6	4	3
1898	60.0	−2.4	100	4	23	26	5.44	+2.27	16	7	8	8
1899	65.6	+3.2	101	13	28	31	2.88	−0.29	19	7	5	5
1900	66.0	+3.6	97	6	32	10	4.31	+1.14	14	10	7	6
1901	63.7	+1.3	95	1	27	14	2.07	−1.10	18	9	4	4
1902	62.5	+0.1	90	9	27	28	2.68	−0.49	18	9	4	4
1903	60.9	−1.5	97	2	26	24	2.22	−0.95	17	8	6	4
1904	62.5	+0.1	100	5	20	20	0.94	−2.23	23	5	3	2
1905	61.1	−1.3	92	7	23	21	4.49	+1.32	15	11	5	7
1906	58.2	−4.2	94	22	25	31	2.38	−0.79	18	5	8	6
1907	61.9	−0.5	96	2	23	13	3.03	−0.14	16	7	8	6
1908	59.2	−3.2	93	14	24	28	0.48	−2.69	21	6	4	2
1909	63.0	+0.6	98	5	24	12	2.15	−1.02	21	6	4	3
1910	62.9	+0.5	96	1	16	29	5.19	+2.02	21	5	5	6
1911	62.7	+0.3	101	12	25	22	1.67	−1.50	14	9	8	5
1912	63.8	+1.4	96	7	22	23	2.97	−0.20	18	8	5	4
1913	60.1	−2.3	95	6	18	30	5.41	+2.24	13	9	9	9
1914	63.0	+0.6	93	6	21	28	1.74	−1.43	13	8	10	5
1915	63.4	+1.0	94	16	26	9	2.83	−0.34	22	4	5	4
1916	62.8	+0.4	96	7	21	21	2.30	−0.87	21	4	6	4
1917	56.6	−5.8	99	4	12	30	1.89	−1.28	21	5	5	5
1918	65.6	+3.2	100	5	30	31	3.99	+0.82	13	5	13	8
1919	66.6	+4.2	98	2	33	19	10.90	+7.73	6	5	20	14
1920	64.2	+1.8	93	18	25	28	4.39	+1.22	16	6	9	7
1921	61.6	−0.8	96	19	27	8	0.72	−2.45	23	4	4	3
1922	63.1	+0.7	98	4	20	18	1.47	−1.70	18	6	7	4
1923	59.2	−3.2	94	1	20	23	3.53	+0.36	12	9	10	7
1924	64.9	+2.5	96	12	21	25	0.29	−2.88	24	4	3	1
1925	58.7	−3.7	98	1	13	31	7.73	+4.56	12	5	14	10
1926	64.9	+2.5	99	2	23	25	5.77	+2.60	15	5	11	8
1927	66.0	+3.6	100	26	30	13	3.18	−0.04	22	4	5	5
1928	66.3	+3.9	100	9	27	23	4.74	+1.57	16	7	8	5
1929	62.2	−0.2	93	17	19	25	4.29	+1.12	15	7	9	7
1930	60.1	−2.3	92	9-10	17	31	4.89	+1.72	17	5	9	6
1931	67.1	+4.7	98	10	26	31	2.35	−0.82	17	7	7	4

Corrections: September, 1931

El Dorado prevailing wind direction should be SE.
Okay monthly mean should be 78.8°.

Correction for October, 1931

Bee Branch mean temperature should be 66.6°; departure +4.4°.

Climatological Data for October. 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing dtrection of wind	Observers
Amity	Clark	700	36	68.0	+4.9	95	8†	41	19†	42	3.36	+0.10	1.73	0.0	4	13	16	2	se.	J. W. Campbell
Arkadelphia	Clark	250	35	....	....	....	....	....	....	....	2.14	−0.98	1.38	0.0	5	17	3	11	n.	W. K. Bown
Arkansas City	Desha	145	47	....	....	....	....	....	....	....	1.37	−1.90	1.23	0.0	4	18	2	11	....	Herbert Neff
Arlberg	Stone	760	9	....	....	....	....	....	....	....	0.92	....	0.53	0.0	3	13	9	9	ne.	J. D. Reeves
Batesville	Independence	257	32	63.2	+2.5	93	11	28	31	48	1.26	−2.00	0.70	0.0	4	20	3	8	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	66.7	+1.5	93	11	36	31	39	1.47	−1.88	0.90	0.0	5	16	6	9	s.	J. E. Scanlan
Bentonville	Benton	1303	26	64.3	+5.3	90	4	32	31	32	8.36	+4.86	3.57	0.0	9	21	5	5	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	....	1	....	....	....	....	....	....	....	1.20	....	0.85	0.0	3	19	2	10	....	Harry Johnson
Black Rock	Lawrence	259	29	....	....	....	....	....	....	....	1.12	−2.22	0.62	0.0	5	20	1	10	s.	Vernon C. Howe
Blytheville	Mississippi	252		68.2	....	92	11	38	31	37	1.21	....	0.95	0.0	2	11	8	12	s.	Charles Phillips, Jr.
Booneville	Logan	455	17	68.9	+5.5	95	7†	32	31	41	3.05	−0.60	1.09	0.0	5	16	10	5	s.	F. H. Randolph
Brinkley	Monroe	206	11	67.6	+5.1	94	10†	31	19	49	1.09	−2.01	0.68	0.0	2	23	7	1	sw.	R. J. Torry
Calico Rock	Izard	361	27	64.2	+4.0	94	7	29	31	49	1.48	−1.69	0.98	0.0	3	10	17	4	nw.	W.J. Copp
Camden	Ouachita	158	16	67.3	+3.7	95	10	30	31	50	0.74	−2.16	0.56	0.0	3	18	3	10	ne.	Georgia Quarterman
Carthage	Dallas	....	1	....	....	....	....	....	....	....	1.76	−1.42	1.70	0.0	2	22	3	6	....	C. R. Tewalt
Center Point	Howard	470	32	70.3	+4.8	95	10	33	31	32	2.03	−1.23	0.90	0.0	4	18	9	4	se.	John C. Floyd
Clarendon	Monroe	200	27	....	....	....	....	....	....	....	0.97	−2.40	0.48	0.0	5	17	2	12	e.	J. W. Bishop
Clinton	Van Buren	516	10	....	....	....	....	....	....	....	1.83	....	0.69	0.0	5	16	10	5	nw.	A. L. Stephens
Conway	Faulkner	300	48	68.4	+6.5	95	11	36	31	39	2.19	−0.68	1.07	0.0	6	19	8	4	e.	E. E. Cordrey
Corning	Clay	293	38	61.6	+4.9	92	10	33	18†	45	1.19	−2.17	0.68	0.0	4	19	3	9	sw.	Winfred D. Polk
Cotter	Baxter	408	4	....	....	....	....	....	....	....	1.93	....	1.10	0.0	5	17	8	6	nw.	O. B. McSpadden
Crossett	Ashley	175	16	70.3	+5.2	96	11	36	31	45	1.87	−2.37	1.50	0.0	5	17	4	10	s.	G. A. Gifford
Danville	Yell	327	15	....	....	....	....	....	....	....	1.78	−2.65	0.91	0.0	3	22	3	6	s.	C. G. Hudson
Dardanelle	Yell	330	45	68.6	+5.6	95	10†	34	31	40	2.09	−0.92	1.00	0.0	5	13	12	6	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	....	....	....	....	....	....	....	1.31	....	0.75	0.0	4	18	2	11	....	H. G. Pate
Dumas	Desha	162	25	68.6	+3.9	98	10	34	31	44	3.59	+0.16	2.95	0.0	3	12	11	8	s.	Ben Johnson
Dutton	Madison	1530	28	60.4	+2.7	90	7	26	31	43	3.51	−0.30	1.24	0.0	5	19	7	5	s.	J. M. Ricketts
El Dorado	Union	270	30	71.4	+6.0	95	11	37	31	39	1.76	−1.48	1.50	0.0	5	16	5	10	se.	J. J. Babb
England	Lonoke	229	24	67.7^{a}	+4.1	94^{a}	10	34^{a}	31	43^{a}	2.22	−1.05	1.16	0.0	3	16^{a}	11^{a}	3^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	65.6	+5.1	92	4†	32	31	36	5.44	+1.89	1.81	0.0	9	16	4	11	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	65.6	+5.1	91	4	31	31	38	5.88	+2.47	2.12	0.0	8	15	10	6	s.	University of Arkansas
Fort Smith	Sebastian	457	50	65.4	+5.6	93	10	36	31	28	6.32	+3.33	3.54	0.0	8	15	12	4	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	7	....	....	....	....	....	....	....	2.44	....	1.10	0.0	5	20	6	5	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	45	....	....	....	....	....	....	....	1.96	−0.64	0.71	0.0	3	17	4	10	....	T. J. Logan
Georgetown	White	200	19	....	....	....	....	....	....	....	1.24	−2.50	0.67	0.0	2	20	0	11	....	W. R. Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	2.05	....	0.96	0.0	4	21	3	7	....	Ben F. Battenfield
Grannis	Polk	960	12	67.0	+4.3	95	8	28	31	46	3.08	−1.91	1.16	0.0	4	20	9	2	e.	W. E. McVay
Gravette	Benton	1250	34	65.6	+6.0	90	7	29	31	38	10.22	+6.71	5.09	0.0	9	15	9	7	se.	A. F. Stevens
Harrison	Boone	1052	39	63.4	+3.8	91	4†	34	19†	43	1.87	−1.29	0.70	0.0	6	20	1	10	sw.	Louis R. Keck
Helena	Phillips	250	59	69.2	+6.4	94	10	30	31	40	1.23	−1.53	0.96	0.0	4	10	15	6	nw.	James A. Burnett
Higden	Cleburne	415	13	....	....	....	....	....	....	....	1.16	−3.38	0.67	0.0	5	11	17	3	w.	Geo. W. Baker
Highland	Pike	....	2	70.6	....	94	8	36	30†	33	2.13	....	0.87	0.0	5	12	12	7	s.	Tom W. Stewart
Hope	Hempstead	377	60	66.7	+3.1	91	10	32	31	43	1.11	−2.21	0.43	0.0	5	22	6	3	n.	N. P. O'Neal
Hot Springs	Garland	600	40	68.4	+4.3	87	9†	35	31	29	2.83	−0.45	0.97	0.0	5	15	14	2	....	G. C. Bolton
Index ‡‡	Little River	275	6	....	....	....	....	....	....	....	1.80	....	0.81	0.0	4	18	3	10	....	H. G. Sanderson
Jessieville	Garland	750	5	....	....	....	....	....	....	....	2.10	....	1.10	0.0	4	17	12	2	....	U. S. Forest Service
Jonesboro	Craighead	345	36	67.0	+4.5	92	10†	35	31	39	2.09	−1.36	0.91	0.0	5	20	5	6	e.	Benedictine Sisters
Junction ‡‡	Union	182	27	70.4	+6.2	97	12	31	31	39	1.38	−1.54	1.38	0.0	1	27	4	0	sw.	J. A. Lowderback
Lead Hill	Boone	650	4	63.4	....	93	7†	31	19	47	2.05	....	0.94	0.0	9	18	4	9	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	68.2	+4.6	91	10	40	31	30	1.76	−0.95	0.94	0.0	6	12	12	7	s.	U. S. Weather Bureau
Lurton	Newton	2100	6	62.3^{a}	....	87^{a}	1	31^{a}	31	35^{a}	2.90	....	0.73	0.0	7	17^{a}	6^{a}	7^{a}	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	68.0	+5.8	94	10	30	31	34	2.32	−1.64	0.86	0.0	5	21	4	6	e.	H. G. Lenhardt
Madison	St. Francis	....	1	....	....	..	..	....	..	..	0.84	....	0.84	0.0	1	19	0	12	....	William G. Hager
Magnolia	Columbia	315	12	71.0^{a}	+5.1	97^{a}	10†	32^{a}	31	43^{a}	0.81	−2.75	0.80	0.0	1	16^{a}	12^{a}	2^{a}	e.	State Agri. School
Malvern	Hot Springs	277	41	68.6	+5.6	95	8†	30	31	43	2.47	−0.47	1.40	0.0	5	22	5	4	se.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	26	62.6	+4.0	87	5	34	15†	42	1.70	−1.63	0.80	0.0	3	17	4	10	s.	S. F. Whittaker
Marianna	Lee	235	19	67.7	+4.5	90	10	37	19	58	1.16	−2.47	0.73	0.0	4	14	15	2	s.	C. N. Houck
Marked Tree	Poinsett	229	26	65.4	+3.9	93	11	35	19†	45	1.44	−2.84	0.72	0.0	2	18	12	1	n.	Charles Walton
Marshall	Searcy	1070	17	63.4	+1.8	90	24	29	31	40	1.70	−2.59	0.64	0.0	5	18	7	6	s.	A. J. Parks
Mena	Polk	1185	43	68.0	+5.5	95	8	34	31	36	5.81	+2.09	3.05	0.0	5	19	7	5	nw.	E. W. St. John
Morrillton	Conway	347	10	65.0	....	94	11	37	19	40	1.40	....	0.76	0.0	3	18	2	11	se.	John Cook
Mountain Home	Baxter	800	17	64.6^{a}	+1.8	95^{a}	4	35^{a}	15†	44^{a}	2.1[illegible]	−2.26	1.30	0.0	4	21^{a}	9^{a}	0^{a}	sw.	B. S. Halbert
Mount Ida	Montgomery	669	32	65.6	+4.0	95	8	26	31	59	3.30	−0.54	1.27	0.0	5	17	9	5	sw.	G. A. Whittington
Newport	Jackson	231	17	66.9	+5.2	94	11	35	19†	43	2.62	−0.26	1.47	0.0	3	19	6	6	n.	J. D. Henderson
Norman	Montgomery	750	4	....	....	....	....	....	....	....	3.62	....	1.20	0.0	5	11	13	7	....	U. S. Forest Service
Oden	Montgomery	800	5	....	....	....	....	....	....	....	3.38	....	1.81	0.0	5	21	5	5	s.	U. S. Forest Service
Okay	Howard	288	2	68.7	....	93	10	29	31	41	2.42	....	1.07	0.0	3	14	7	10	se.	Charles R. Jackson
Osceola	Mississippi	240	33	68.2	+6.6	94	7†	35	31	41	2.13	−0.67	1.53	0.0	3	16	8	7	s.	Charles H. Hampton
Ozark	Franklin	396	35	67.6	+4.1	95	10	31	31	41	4.92	+1.70	1.60	0.0	7	20	2	9	e.	Orkney O. Milton
Paragould	Greene	301	5	....	....	....	....	....	....	....	1.98	....	1.17	0.0	3	22	6	3	se.	W. R. Heagler
Parkin	Cross	....	1	....	....	....	....	....	....	....	0.80	....	0.45	0.0	3	16	5	10	..	P. D. Roberts
Patterson	Woodruff	196	15	....	....	....	....	....	....	....	1.42	−2.14	0.92	0.0	2	19	3	9	s.	W. E. Baker
Piggott	Clay	307	7	....	....	....	....	....	....	....	1.22	....	0.50	0.0	4	18	3	10	sw.	V. C. Wright
Pine Bluff	Jefferson	215	44	69.4	+5.4	93	10	36	31	40	3.18	+0.27	1.47	0.0	5	18	8	5	s.	Miss Theresa Scheu
Pocahontas	Randolph	300	38	64.9	+3.5	91	11	31	31	45	1.18	−2.13	0.36	0.0	6	15	5	11	sw.	Benedictine Sisters
Portland	Ashley	122	25	69.1	+4.5	94	10	36	31	38	2.16	−0.74	1.05	0.0	3	17	7	7	s.	W. E. Edmiston
Prescott	Nevada	329	43	69.0	+4.5	93	10	35	31	42	2.47	−0.19	1.44	0.0	6	18	5	8	s.	Craig Williams
Rison	Cleveland	213	30	70.0	+5.9	95	10	35	31	41	2.56	−0.61	1.10	0.0	3	21	5	5	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	64.9	+5.4	93	4	31	31	41	4.40	+1.30	1.41	0.0	7	12	7	12	nw.	Carl A. Starck
Saint Charles	Arkansas	175	2	....	....	....	....	....	....	....	2.53	....	1.10	0.0	3	17^{d}	7^{d}	3^{d}	s.	Ballard Deane
Saint Francis	Clay	290	3	....	....	....	....	....	....	....	1.60	....	1.08	0.0	3	17	9	5	....	S. T. Rooney
Searcy	White	236	22	66.1	+4.0	93	10	32	31	42	2.09	−0.97	1.51	0.0	2	21	3	7	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	24	....	....	....	....	....	....	....	2.32	−0.84	1.15	0.0	5	19	2	10	....	Miss Grace Field
Story	Montgomery	700	7	....	....	....	....	....	....	....	3.68	....	0.92	0.0	6	17	10	4	s.	S. C. Story
Stuttgart	Arkansas	228	44	68.5	+5.7	96	10	29	31	39	1.96	−1.24	0.81	0.0	6	18	5	8	se.	Adam F. Buerkle
Subiaco	Logan	1050	34	67.8	+4.1	95	10	34	31	37	2.30	−1.13	0.85	0.0	5	14	8	9	s.	New Subiaco Abbey
Texarkana	Miller	332	45	70.4	+4.7	95	9†	34	31	42	2.14	−0.99	0.85	0.0	4	18	4	9	s.	H. S. Brashear
Thornburg	Perry	650	7	65.7	....	93	10	30	19	47	2.35	....	1.51	0.0	6	15	11	5	s.	Edward E. Holmes
Waldron	Scott	675	12	....	....	....	....	....	....	....	3.54	−0.95	1.59	0.0	5	12	14	5	se.	Dr. Cheves Bevill
Warren	Bradley	206	37	68.6	+4.3	90	10†	37	31	36	1.25	−2.36	1.20	0.0	2	14	17	0	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	....	....	....	....	....	....	....	3.52	....	1.83	0.0	4	13	6	12	w.	J. R. Huddleston
Whitecliffs	Little River	290	27	....	....	....	....	....	....	....	2.21	−1.07	0.92	0.0	4	18	3	10	se.	Nannie O. Schirmer
Wilson	Mississippi	237	6	65.0	....	93	7†	32	17†	44	1.01	....	0.59	0.0	4	16	10	5	s.	S.N. Johnson
Winslow	Washington	1734	16	....	....	..	.	..	..	..	....	....	....	....	..	..	..	..	....	
Wynne	Cross	250	23	67.0	+1.6	93	4	31	31	39	0.65	−3.35	0.40	0.0	2	17	9	5	n.	R. T. Cobbs
Yancopin	Desha	167	7	....	....	....	....	..	....	....	2.41	....	2.25	0.0	3	16	8	7	....	W. E. Barton
State Means				67.1	+4.7	98	10	26	31	50	2.35	−0.82	5.09	0.0	4	17	7	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manila; Freeman Springs, Dover: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m.

Daily Precipitation for October, 1931

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita														1.73		.51							.34					.78				3.36
rkadelphia	Ouachita						.01								.65									.05		.05			1.38				2.14
rkansas City	Mississippi					.10		.01								T.	.03								T.				1.23				1.37
rlberg	White													.53									.24					.15					0.92
atesville	White							.15		T.	T.				.34										.07				.70			T.	1.26
ee Branch	Arkansas													.10	.90								.10	.02				.35					1.47
entonville ***	Arkansas								.01	.20		2.42	1.15	1.94								.68	.90	.53		T.		.53					8.36
Big Lake Outlet	St. Francis							.10								.25													.85				1.20
Black Rock	White									.06	T.			.01	.63										.05				.37				1.12
Blytheville	Mississippi														.26										T				.95				1.21
Booneville	Arkansas													.86	.13								1.09	.80				.20					3.08
Brinkley	White														.41														.68				1.09
Calico Rock	White								T.	T.					.98								T.	.07					.43				1.48
Camden	Ouachita															.01									.17				.56				0.74
Carthage	Ouachita														.06	T													1.70				1.76
Center Point	Red													.62										.90				.07	.44				2.08
Clarendon	White						.10	.02							.48	.07													.30				0.97
Clinton	White									T.				.40	.69								.29	.02				.43					1.83
Conway	Arkansas						.05							.11	1.07	.10												.80	.06				2.19
Corning	White						T			.05					.42										.04				.68				1.19
Cotter	White							T.	.08	.05			T.	T.	1.10								.46	T.					.24				1.93
Crossett	Ouachita					.02	.03	.04									.28								T.				1.50				1.87
Danville	Arkansas														.36									.91					.51				1.78
Dardanelle	Arkansas														1.00								.09	.58	.20				.22				2.09
De Valls Bluff	White						.06								.75	.09													.41				1.31
Dumas	Mississippi				T.		.03	T.							T.	.61									T.				2.95				3.59
Dutton	White								T.		T.		.71	.26								1.24	.74				.56						3.51
El Dorado	Ouachita					.04	.17	.02						T											.03			T.	1.50				1.76
England	Arkansas					.23								T.	.83	T.								T.					1.16				2.32
Eureka Springs	White								.40	.18		.07	.25	.55	1.57								.23	1.81				.28					5.44
Fayetteville	White							T.	.06	T.		.02	1.58	.97	.22								.49	2.12				.42					5.88
Fort Smith ***	Arkansas											T.	.01	1.34	.05							.01	2.56	1.95		.27		.13					6.32
Freeman Sprgs.	Arkansas							T.			.14				1.10								.33	.38	T				.49				2.44
Fulton	Red														.58	T.								.71					.67				1.96
Georgetown	White														.57														.67				1.24
Gilbert	White										T.		T.		.96								.15	.03					.91				2.05
Grannis	Red													1.10	.53									1.16	T.			.29					3.08
Gravette	Arkansas							T.	.04	.03		1.22	5.09	.65	.22								.77	1.84				.36					10.22
Harrison	White						T.			.02			.40	.57									.70	.07				.11					1.87
Helena	Mississippi						.01								.01	.25													.96				1.23
Higden	White					.04				T.				.17	.27								T	.01				.67					1.16
Highland	Ouachita													.83									.03	.87				.22	.18				2.13
Hope	Red					.05		T						.26										.43				.02	.38				1.14
Hot Springs	Ouachita								.97					.54	.69									.18				.45					2.83
Index	Red														.34									.81	.13				.52				1.80
Jessieville	Ouachita								.10					.80										.10				1.10					2.10
Jonesboro	White						.07	.05		T.	T.			.08	.86											T.			.94				2.00
Junction	Ouachita																												1.38				1.88
Lead Hill	White						.06		.16			.13	.02	.94	.07								.50	.03				.14			T.		2.05
Little Rock ***	Arkansas						.30							.07	.37	.05								.03				.94					1.76
Lurton	White						.20			.16				.73	.50								.31	.65				.35					2.90
Lutherville	Arkansas													.63	.86								.37	.34				.12					2.32
Madison	St. Francis														T.	T.													.84				0.84
Magnolia	Red																							.80									0.80
Malvern	Ouachita							.01							1.40									.02	.09				.95				2.47
Mammoth Spg.	White									.20					.80									T.					.70				1.70
Marianna	Mississippi				.02		.05								.30														.73				1.10
Marked Tree	Mississippi							T							.72														.72				1.44
Marshall	White									T				.64	.50								.13	.08				.85					1.70
Mena	Ouachita														3.05								1.32	1.23	.03	T.			.18				5.81
Morrillton	Arkansas														.76									.18					.46				1.40
Mountain Home	White								.65	T			.06	1.30	.10																		2.11
Mount Ida	Ouachita													1.27	.65								.27	.67				.44					3.30
Newport	White														1.47										.15				1.00				2.62
Norman	Ouachita						T.							1.00	.62								.10	.70				1.20					3.62
Oden	Ouachita									.06				1.81								.50	.78					.23					3.38
Okay	Red													.36										1.07				T.	.99				2.42
Osceola	Mississippi							T			T.				.40	.20													1.53				2.13
Ozark	Arkansas												.08	.15	1.35								1.85	1.60	.02				.37				4.92
Paragould	Mississippi						.06								.75														1.17				1.98
Parkin	St. Francis							.08							.45														.27				0.80
Patterson	White														.50														.92				1.42
Piggott	Mississippi						.05		T.					.35	.50													.32					1.22
Pine Bluff	Arkansas					T.	1.10	.03						T.	.52	.06													1.47				3.18
Pocahontas	White						.02		.05					.15	.25										.36			.35					1.18
Portland	Ouachita				T.		T.									.30	.48							T.				T	1.38				2.16
Prescott	Ouachita						.23	.04							.36									.32	.08				1.44				2.47
Rison	Ouachita						1.10								.46														1.00				2.56
Rogers	White								T.	T.		.05	1.41	.88	.09								.32	1.41				.24					4.40
St. Charles	White					.53								1.10														.90					2.53
St. Francis	St. Francis								T.	.10					1.08														.42				1.60
Searcy	White							T.							.58														1.51				2.09
Springbank	Red						T.								.52	.04								.64	.07				1.15				2.32
Story	Ouachita										.06			.92	.40							.80	.90					.60					3.68
Stuttgart	Arkansas					.03		.18						.08	.63	.23													.81				1.96
Subiaco	Arkansas													.85	.16								.63	.54				.12	T				2.30
Texarkana	Red							T.							.67									.85	.10				.52				2.14
Thornburg	Arkansas													.27	1.51	.10								.08				.38	.01				2.35
Waldron	Arkansas												T.	.84	.22								1.59	.77				.11					3.54
Warren	Ouachita					T.	T.	T								.05									T.				1.20				1.25
Waters	Ouachita														1.83								.70	.77					.22				3.52
Whitecliffs	Red							T.						T.	.48									.92	.16				.65				2.21
Wilson	Mississippi							T.	.01						.33	.08													.59				1.01
Winslow	Arkansas																																....
Wynne	Mississippi							T.							.40														.25				0.65
Yancopin	Arkansas						.01									.15									T.				2.25				2.41

Daily River Stages for October, 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.2	3.1	3.2	2.8	2.8	2.7	2.6	2.4	2.4	2.4	2.4	2.4	2.9	5.3	6.1	8.7	8.3	7.0	6.0	5.4	4.8	4.4	6.4	12.6	12.6	11.8	9.3	7.0	6.0	5.5	5.0
Ozark	do	22	-1.9	-1.8	-0.9	-0.8	-1.0	-1.1	-1.1	-1.2	-1.3	-1.4	-1.4	-1.5	-1.5	-0.9	1.0	2.6	4.2	3.4	2.4	1.8	1.2	0.9	0.8	4.1	8.6	7.8	6.8	4.4	3.0	2.0	1.4
Dardanelle	do	20	2.0	2.0	2.0	2.6	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.2	2.3	2.6	4.0	5.4	6.7	6.1	5.2	4.7	4.8	4.0	4.1	8.9	10.9	10.0	8.5	7.0	5.6	4.8
Little Rock	do	23	-2.9	-2.9	-2.9	-2.9	-2.9	-2.5	-2.0	-2.1	2.2	2.3	-2.4	-2.4	-2.5	-2.5	-2.5	-2.4	-2.2	-0.5	1.7	2.3	1.7	1.0	0.3	0.0	-0.3	1.5	6.8	7.0	5.5	4.0	2.6
Pine Bluff	do	25	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	2.1	2.0	1.8	1.7	1.7	1.6	1.6	1.7	1.8	2.0	3.4	6.4	7.0	6.4	5.5	5.1	5.1	4.7	7.1	11.1	11.1	9.7	8.6
Yancopin	do	29	3.2	3.2	3.1	3.0	2.9	2.9	2.9	2.9	3.0	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.7	6.3	8.5	8.7	8.2	7.5	6.9	6.4	7.4	13.5	13.9	12.6
Danville	Petit Jean	20	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.6	0.9	1.0	1.7	2.1	2.6	1.9	1.7	1.6	1.4

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.8	2.8	3.1	2.8	2.6	2.7	2.7	2.9	3.0	3.1	3.1	2.8	2.8	2.6
Calico Rock	do	18	-0.4	-0.2	-0.2	-0.1	-0.1	-0.1	-0.2	-0.5	-0.2	-0.2	-0.1	0.1	-0.2	0.1	-0.1	0.0	0.1	-0.1	0.0	0.5	0.4	0.1	0.0	0.1	0.2	0.1	0.9	0.9	0.3	0.1	-0.1
Batesville	do	23	4.3	4.2	4.2	4.4	4.4	4.4	4.4	4.4	4.2	4.2	4.3	4.3	4.4	4.4	4.6	4.3	4.3	4.6	4.5	4.6	5.1	5.0	4.7	4.7	4.8	4.7	4.7	5.4	5.4	4.8	4.7
Newport	do	26	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.8	0.6	0.6	0.6	0.6	0.8	1.0	1.0	0.8
Georgetown	do	22	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.4
De Valls Bluff	do	24	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	4.0
Clarendon	do	30	7.5	7.5	7.4	7.3	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.2	7.2	7.1	7.1	7.2
Gilbert	Buffalo	30	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7
Black Rock	Black	14	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.5	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
Camden	Ouachita	30	3.9	3.9	3.9	4.0	4.1	4.1	4.0	4.0	4.0	4.0	4.1	4.2	4.2	4.2	4.1	4.1	4.7	4.8	4.7	4.6	4.3	4.2	4.1	4.3	4.5	4.6	4.5	4.4	4.4	4.5	4.8
Fulton	Red	28	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.3	7.0	7.8	8.0	8.3	8.5	9.8	15.1	17.8	17.5	14.8	13.1	8.8
Helena	Mississippi	44	3.2	4.0	5.3	6.9	8.1	8.4	8.1	7.6	7.1	6.7	6.1	5.2	4.6	4.5	4.4	4.2	3.9	4.4	4.9	5.9	7.1	8.5	9.5	9.8	9.7	9.1	8.2	7.1	6.1	5.3	4.6
Arkansas City	do	48	3.5	3.4	3.7	4.5	5.7	7.0	7.8	8.0	7.8	7.4	7.1	6.6	6.0	5.3	4.8	4.6	4.5	4.3	4.2	4.4	5.0	6.2	8.0	9.2	9.9	10.1	9.9	9.5	8.8	8.8	8.5

Daily temperatures for October, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	90	91	90	85	87	85	88	95	91	95	93	85	78	81	78	75	70	71	77	81	80	81	74	74	87	84	79	71	66	57	55	80.5
	Minimum	48	50	55	58	64	68	67	60	64	67	70	63	61	63	60	53	48	43	41	42	43	49	63	62	59	61	61	49	45	41	42	55.6
Bee Branch	Maximum	84	86	86	89	88	83	89	89	84	92	93	82	80	83	81	75	71	68	74	78	79	79	75	85	82	85	80	70	66	57	56	79.6
	Minimum	47	51	54	60	69	67	66	65	61	59	64	65	66	61	51	48	44	41	37	39	43	55	62	63	57	53	53	41	45	39	36	53.7
Bentonville	Maximum	78	85	85	90	88	86	88	70	79	87	82	71	75	80	72	71	66	69	73	77	77	72	74	82	79	79	71	62	53	44	48	74.6
	Minimum	49	57	57	62	63	67	66	60	60	63	62	60	65	60	52	47	42	42	41	47	54	57	62	60	55	61	50	41	42	38	32	51.0
Blytheville	Maximum	86	87	87	88	89	85	87	85	78	90	92	86	85	82	78	73	76	74	70	82	84	82	80	86	83	85	82	70	71	58	59	80.6
	Minimum	51	53	59	65	68	70	69	65	61	60	69	65	66	65	55	48	44	40	39	45	49	51	61	68	58	51	64	47	43	42	38	55.8
Booneville	Maximum	86	90	92	91	93	90	95	91	93	95	94	89	80	84	82	77	72	71	77	83	83	76	79	88	84	84	77	74	65	56	59	82.4
	Minimum	48	54	56	61	67	71	65	63	65	65	67	69	65	65	54	47	43	47	38	42	52	60	61	58	58	61	55	43	44	37	32	55.4
Brinkley	Maximum	88	90	89	88	89	82	93	91	87	94	94	89	83	84	80	76	72	73	80	82	85	83	82	88	87	89	85	72	70	60	60	82.7
	Minimum	43	47	55	61	67	70	63	64	65	60	65	64	61	64	53	46	45	34	31	35	39	50	59	65	56	53	59	47	39	33	32	52.4
Calico Rock§§	Maximum	88	89	88	92	89	84	94	86	77	93	93	80	71	83	78	76	69	70	77	82	81	78	73	89	83	86	76	74	63	53	57	79.7
	Minimum	39	42	45	50	57	65	63	66	62	55	56	63	65	61	50	47	40	37	36	36	38	40	58	56	51	48	49	41	31	35	29	48.8
Camden§§	Maximum	87	89	90	82	86	86	83	92	89	95	93	87	86	86	85	79	76	75	80	83	84	86	77	72	88	88	87	73	71	62	60	82.5
	Minimum	42	46	52	55	67	72	62	59	60	61	61	60	60	62	62	50	41	38	33	33	42	42	63	60	57	59	59	50	40	36	30	52.1
Center Point	Maximum	88	88	87	81	88	86	85	93	92	95	90	87	79	88	80	80	76	72	77	82	81	81	79	80	88	84	79	74	69	61	60	81.6
	Minimum	56	61	60	67	69	70	68	65	67	70	67	69	66	64	64	53	51	47	48	51	56	66	64	61	60	63	64	49	43	38	33	59.0
Conway	Maximum	87	89	89	92	87	85	89	91	86	93	95	88	84	84	81	77	73	69	75	80	81	81	74	86	84	87	83	70	66	59	59	81.4
	Minimum	48	52	57	63	66	71	66	65	68	62	66	67	68	63	56	50	48	40	38	41	45	58	65	62	58	55	55	48	43	40	36	55.5
Corning	Maximum	75	86	88	89	90	84	91	83	74	92	91	80	84	81	76	75	71	70	77	80	82	81	78	85	84	86	77	73	61	52	52	79.0
	Minimum	39	47	53	59	64	67	66	65	58	56	66	59	60	63	50	42	41	33	33	35	37	40	45	66	54	45	53	40	41	39	36	50.1
Dardanelle	Maximum	86	89	88	92	89	88	92	92	89	95	95	86	82	87	84	79	75	70	75	81	82	78	76	87	83	85	80	73	64	56	60	81.9
	Minimum	47	49	56	60	64	68	68	65	69	62	64	68	67	64	53	49	49	42	38	41	45	59	65	59	59	59	57	50	42	39	34	55.2
Dumas	Maximum	89	94	94	85	91	88	90	89	89	98	94	89	88	82	84	75	67	68	74	82	87	90	85	87	89	86	80	76	57	60	58	82.7
	Minimum	46	50	54	65	69	72	63	65	64	64	66	64	63	65	58	52	45	38	35	39	43	53	53	64	57	55	61	51	44	39	34	54.5
Dutton	Maximum	81	84	83	87	87	84	90	85	85	89	75	72	80	77	72	70	67	74	77	76	70	68	81	79	77	72	66	56	46	48	51	74.5
	Minimum	41	47	46	55	56	64	60	57	60	72	60	60	57	39	35	31	31	31	34	39	54	57	50	48	48	48	30	29	35	36	26	46.3
El Dorado	Maximum	87	91	90	83	84	82	86	92	91	94	95	90	90	86	86	80	76	74	78	84	86	86	80	81	90	87	88	78	77	69	60	83.9
	Minimum	54	52	62	70	73	72	66	60	66	67	67	67	66	67	66	58	50	47	41	47	51	64	67	65	59	62	64	51	48	40	37	58.9
Eureka Springs	Maximum	79	88	87	92	92	88	89	78	81	88	84	73	75	82	74	73	69	72	77	82	79	73	73	83	81	80	72	68	57	46	48	76.9
	Minimum	56	58	61	63	63	68	65	61	60	63	63	60	63	60	53	47	42	39	41	48	53	56	61	62	57	60	51	39	41	29	32	54.4
Fayetteville	Maximum	82	86	85	91	90	87	90	84	84	90	88	77	74	80	71	72	68	69	75	78	76	72	74	83	83	79	73	66	59	49	50	77.0
	Minimum	50	53	54	63	63	71	67	63	60	67	67	63	65	60	50	45	40	41	37	44	55	57	62	62	51	64	54	38	40	39	31	54.2
Fort Smith	Maximum	83	86	88	90	91	89	91	84	89	93	92	78	75	83	80	74	74	68	74	78	81	71	79	82	82	82	74	70	61	52	51	79.0
	Minimum	57	60	61	66	66	70	67	65	64	65	69	67	66	61	56	53	50	47	47	50	56	59	63	61	62	61	52	47	47	40	36	57.8
Gravette	Maximum	77	85	85	89	87	87	90	85	81	88	82	70	74	78	72	71	68	75	77	85	87	72	77	81	87	85	74	71	58	48	57	77.6
	Minimum	56	57	58	62	62	68	66	60	59	66	62	61	63	59	52	44	40	42	42	47	53	56	61	61	54	62	53	36	39	36	29	53.7
Helena	Maximum	87	89	90	83	88	81	90	85	87	94	93	92	87	84	83	75	70	71	78	81	83	85	84	88	82	90	83	79	70	62	55	82.2
	Minimum	47	52	53	66	68	70	66	65	65	66	69	66	67	67	67	46	43	42	39	48	54	55	63	66	58	60	62	50	40	33	30	56.2
Hope	Maximum	81	86	87	88	86	84	79	86	86	91	88	81	73	80	78	72	74	70	73	83	83	87	77	73	80	85	85	65	65	58	57	78.7
	Minimum	45	55	56	61	63	69	63	60	65	64	63	63	66	63	59	54	44	39	37	40	45	58	64	57	58	61	63	47	42	41	32	54.7
Hot Springs	Maximum	82	83	85	84	81	83	84	78	87	87	87	83	75	81	78	75	70	68	72	75	76	75	73	75	80	80	73	71	66	60	58	76.9
	Minimum	55	56	62	67	68	74	71	68	71	68	69	70	72	67	62	54	50	47	44	46	56	62	67	67	59	61	64	52	45	44	35	59.9
Jonesboro	Maximum	85	89	88	87	90	80	89	88	70	92	92	83	84	83	78	75	69	68	77	81	82	81	79	86	81	87	80	73	65	57	52	79.7
	Minimum	49	52	55	60	67	68	68	65	62	60	68	63	64	64	54	48	47	43	39	42	43	49	56	66	59	54	53	43	48	42	35	54.4
Lead Hill	Maximum	84	86	88	92	92	87	93	83	75	93	81	74	76	81	75	74	69	70	76	81	82	78	79	86	79	84	76	70	61	51	53	78.4
	Minimum	40	48	46	52	59	64	61	60	61	54	59	63	62	60	47	41	35	32	31	34	37	50	61	49	48	50	55	32	35	42	26	48.5
Little Rock	Maximum	83	85	86	82	83	82	84	87	86	91	90	86	75	82	79	74	68	68	71	78	79	80	74	78	81	84	80	70	64	53	54	78.0
	Minimum	56	57	62	66	69	71	68	68	67	64	70	67	66	66	61	55	53	45	44	49	52	60	63	63	58	58	56	52	47	43	40	58.4
Lutherville	Maximum	86	88	89	93	90	90	93	88	88	91	93	82	78	86	84	77	73	70	75	80	81	73	78	87	83	82	76	69	62	53	56	80.6
	Minimum	52	54	59	63	65	70	68	66	64	63	65	66	65	62	53	48	45	43	42	47	51	58	63	60	59	58	55	42	41	37	30	55.3
Magnolia	Maximum	87	92	91	85	87	87	85	92	91	97	97	95	87	87	.	87	77	74	83	86	88	87	80	77	90	88	88	85	72	65	60	84.9
	Minimum	51	53	61	68	71	72	62	65	65	66	65	65	65	66	..	55	45	45	40	43	51	64	66	61	60	61	66	50	43	39	32	57.2
Malvern	Maximum	89	90	91	85	87	85	86	95	91	95	92	89	80	85	80	79	73	71	78	82	83	84	78	73	86	87	84	74	66	60	60	81.9
	Minimum	47	50	55	62	65	71	64	61	69	63	64	65	67	64	59	50	45	43	37	39	44	63	63	62	58	59	65	52	39	41	30	55.4
Mammoth Spring	Maximum	80	82	85	86	87	81	86	78	69	86	84	75	68	76	73	73	65	64	71	73	78	76	73	83	73	83	76	67	64	58	50	74.9
	Minimum	46	51	52	56	58	63	64	63	60	56	65	59	59	61	52	42	40	34	34	36	36	46	58	58	51	47	54	37	43	44	34	50.3
Marianna	Maximum	82	85	85	85	84	84	86	82	83	90	90	89	84	81	77	72	68	67	72	76	79	81	90	83	82	85	84	72	67	61	64	79.7
	Minimum	49	52	56	66	60	70	66	65	65	63	71	70	67	67	60	50	47	39	37	40	41	51	61	68	54	55	64	49	46	40	38	55.7
Marshall	Maximum	74	82	82	86	86	81	82	82	74	85	85	82	78	79	67	67	66	64	68	75	75	74	73	90	80	78	78	69	62	54	46	75.0
	Minimum	42	42	54	64	66	68	65	64	61	63	69	62	66	58	45	41	36	33	32	40	46	58	63	60	52	56	52	35	40	41	29	51.7
Mena	Maximum	87	88	89	90	91	89	91	95	92	93	90	84	75	81	79	75	72	69	75	79	80	77	76	80	84	81	74	70	63	54	55	79.9
	Minimum	51	53	60	64	65	69	66	60	65	65	70	68	64	62	57	50	46	47	41	45	52	62	63	60	60	61	57	44	43	39	34	56.2
Mount Ida	Maximum	89	88	88	88	87	90	92	95	91	93	92	82	77	78	84	78	75	70	76	81	80	78	77	82	85	83	75	73	66	57	58	80.9
	Minimum	39	44	52	56	59	64	65	56	64	59	61	61	65	60	52	49	39	34	31	35	35	54	63	53	55	54	55	42	37	36	26	50.2
Newport	Maximum	87	88	90	90	89	81	91	88	77	92	94	85	85	83	78	74	67	69	75	80	82	80	80	86	82	85	78	72	75	55	53	80.4
	Minimum	45	49	53	60	66	68	65	61	63	58	68	66	65	62	51	49	48	37	35	38	39	50	62	66	58	49	53	48	45	39	35	53.4
Pine Bluff	Maximum	86	90	91	85	89	81	86	88	86	93	91	89	83	83	79	76	72	70	78	84	86	87	78	80	84	88	86	72	70	57	58	81.5
	Minimum	50	50	59	67	69	72	67	63	67	67	69	69	68	66	58	55	52	44	41	44	49	58	63	61	56	58	59	50	46	39	36	57.3
Pocahontas	Maximum	85	86	87	89	90	81	90	86	71	90	91	81	77	81	77	75	74	70	75	80	82	80	76	87	85	86	77	73	68	53	51	79.2
	Minimum	45	47	53	56	67	65	65	63	59	56	56	60	60	60	50	46	46	35	35	35	38	45	55	65	56	50	52	38	40	40	31	50.6
Portland	Maximum	85	89	89	83	85	88	90	86	87	94	93	90	91	83	85	75	73	70	75	79	81	86	81	81	88	89	86	73	70	63	68	82.5
	Minimum	47	53	56	65	69	71	62	65	62	63	65	63	61	62	64	57	47	42	38	41	43	55	61	68	59	56	60	52	47	38	36	55.7
Prescott	Maximum	81	89	88	84	83	86	83	92	89	93	91	87	84	86	83	80	78	73	77	83	83	84	81	76	87	86	85	81	70	66	60	82.2
	Minimum	51	53	58	60	63	69	64	61	66	61	62	64	67	63	61	53	50	43	41	41	47	61	63	56	58	60	65	49	44	39	35	55.8
Rison	Maximum	90	92	92	86	87	83	89	91	88	95	93	90	87	83	84	78	75	74	80	84	85	86	80	75	86	90	87	82	70	64	60	83.4
	Minimum	50	51	59	67	69	70	65	65	67	65	67	65	67	65	62	52	46	41	39	43	49	58	64	65	56	59	64	49	43	38	35	56.7
Searcy	Maximum	85	87	87	87	85	82	88	89	83	93	92	83	81	83	79	76	70	67	74	79	81	78	80	84	82	87	79	72	67	55	52	79.7
	Minimum	43	51	53	59	66	68	62	63	64	59	64	66	65	62	52	47	46	42	36	37	40	43	57	60	55	52	52	49	40	38	32	52.5
Stuttgart	Maximum	88	90	91	87	92	81	92	91	89	96	94	90	83	85	82	77	72	72	79	84	85	86	80	86	85	90	85	73	69	60	56	82.9
	Minimum	50	58	65	67	70	63	65	65	62	67	66	65	65	56	49	44	37	36	40	48	55	60	65	57	54	61	46	44	36	33	29	54.1
Texarkana	Maximum	88	90	91	83	90	87	87	93	95	95	93	88	85	83	83	81	73	75	79	84	85	88	81	75	88	88	85	75	72	62	64	83.4
	Minimum	52	54	60	66	65	70	66	65	65	63	65	65	64	64	62	53	46	43	42	42	55	65	61	62	64	64	65	48	43	39	34	57.5
Thornburg	Maximum	86	89	89	90	86	86	90	90	90	93	92	87	77	83	82	79	75	71	77	81	80	84	73	83	83	84	79	70	61	55	57	80.7
	Minimum	40	42	53	59	64	70	67	57	67	59	61	61	62	58	48	43	38	32	30	34	45	53	62	56	53	50	55	42	34	40	35	50.7
Warren	Maximum	83	85	86	85	84	84	85	87	87	90	90	88	85	82	84	74	72	70	74	77	79	82	78	79	84	85	84	77	68	65	55	80.3
	Minimum	52	54	58	58	70	72	65	65	65	65	66	65	64	67	64	55	49	42	38	42	49	57	62	66	58	61	65	49	47	39	37	57.0
Wilson	Maximum	87	89	90	89	90	87	93	87	75	90	93	91	87	80	80	74	64	66	78	81	84	83	83	81	80	88	82	72	62	54	53	80.5
	Minimum	45	49	52	63	68	66	62	60	52	61	65	64	64	48	44	42	32	33	35	37	41	55	55	57	49	49	43	40	38	33	32	49.5
Wynne	Maximum	85	85	89	93	87	81	88	86	79	91	92	87	85	79	77	72	68	69	68	79	81	81	80	85	84	87	81	68	67	55	58	79.7
	Minimum	47	60	59	60	67	71	65	64	62	62	69	65	66	63	51	43	39	41	39	40	46	56	61	67	57	55	59	46	38	34	31	54.3

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 11-24-31 320

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVI LITTLE ROCK, ARK., NOVEMBER, 1931 No. 11

GENERAL SUMMARY

Though the maximum temperature for November 1931 has been exceeded many times, the mean temperature has been exceeded only by that of November 1909 and equaled only one other time by that of November 1913 when the mean was 57.6°.

The cool weather of the latter part of October continued the first two days of November but thereafter with only a few exceptions temperatures were above normal until the 24th. Departures were as high as 20° in the western part of the State on the 12th and 13th and in the eastern part on the 13th and 15th. Cooler weather overspread the State on the 25th and thereafter temperatures were somewhat below normal. The mean temperature, as determined by the records of 62 stations, was 57.6° which is 6.2° above normal, all stations for which normals have been computed showing positive departures. Several stations in the northern half of the State reported departures of 7.0° or more and Corning in the northeastern portion a departure of 8.5° above. Monthly means ranged from 52.8° at Dutton to 61.4° at El Dorado and Magnolia. The highest temperature recorded was 88° at Grannis on the 3d and at Helena on the 10th, the lowest 18° at Dutton on the 1st. The greatest daily range was 52° recorded at Calico Rock on the 8th.

Practically no rain was recorded in the State until the 10th and then only scatteringly until about the middle of the month, but thereafter showers were frequent with heavy rains occurring on the 20th and during the latter part of the month. The average precipitation, based on the reports of 94 stations, was 6.34 inches which is 2.69 inches above normal. Portland in the extreme southeastern portion and Dutton and Ozark in the northwestern portion were the only stations out of the 66 with records of 10 years or more with negative departures. Monthly totals ranged from 2.49 inches at Portland to 9.19 inches at Georgetown. Bee Branch in the north-central portion of the State reported 9.00 inches and a number of stations over 8.00 inches. Gravette in Benton County reported a trace of snow on the 26th and a few stations a trace of sleet on the same date. The average number of rainy days was 9 though a number of stations reported a dozen or more, and one 19 rainy days. The greatest amount measured in any 24-hour period was 5.00 inches at Bee Branch on the 20th.

The prevailing wind was from the south. On the 20th high winds swept over the southern part of the State causing property damage estimated at several thousand dollars and injuring at least seven persons. The damage was confined principally to Bradley, Union, and Jefferson counties. Losses were as follows:

Ingalls in Bradley county, $2,000 damage to buildings. Pine Bluff, $10,000 damage to buildings, household effects, shrubbery, etc.; one person slightly injured. Strong and vicinity, $5,000 damage to buildings; three persons injured. Wilmar, $1,500 damage to lumber mill, cotton gin, and buildings; two persons slightly injured.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs				1					1	1						1		12	13	2	7					1		2	8	1	
Light Hail																						2									
Heavy Hail																															
Sleet																									3	4					
Thunderstorms										2	1	1		1			11	1	16	6	6	3	4	2		4		3	2		

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	30.08	30.38	27	29.53	20	3,870	2	se	23	......	......	58
Fort Smith	30.08	30.42	27	29.56	20	4,972	24	sw	20	82	70	59
Little Rock	30.13	30.44	6	29.60	20	5,328	28	w	17	82	66	55
Memphis	30.15	30.47	6	29.68	17	4,119	20	w	17	77	66	51

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	51.4		96		2		3.65		15	6	9	6
1891	49.7	−1.7	87	6	10	30	5.56	+1.91	13	7	10	8
1892	49.9	−1.5	79	27	20	7	5.83	+2.18	11	7	12	9
1893	49.3	−2.1	84	7	10	21	4.21	+0.56	14	8	8	5
1894	50.4	−1.0	81	1	12	11	1.12	−2.53	19	6	5	2
1895	49.9	−1.5	82	18	16	25	4.82	+1.17	11	5	11	6
1896	52.8	+1.4	88	10	8	30	4.34	+0.69	14	7	9	7
1897	51.6	+0.2	88	15	15	30	2.82	−0.83	16	6	8	6
1898	47.5	−3.9	87	5	9	22	3.20	−0.45	13	8	9	4
1899	54.3	+2.9	87	7	17	3	2.61	−1.08	13	8	9	6
1900	51.4	0.0	90	3	18	12	4.28	+0.63	15	7	8	6
1901	50.5	−0.9	88	2	15	16	2.99	−0.66	16	7	7	5
1902	56.5	+5.1	90	11	18	27	6.66	+3.61	8	9	13	9
1903	47.6	−3.8	89	4	2	18	0.64	−3.01	13	9	8	3
1904	51.4	0.0	89	4	17	15	1.38	−2.27	17	5	8	3
1905	53.2	+1.8	88	13	9	30	3.28	−0.37	16	5	9	5
1906	50.2	−1.2	88	16	13	22	5.90	+2.15	14	7	9	6
1907	49.0	−2.4	84	5	10	13	5.71	+2.06	16	5	9	6
1908	53.8	+2.4	85	10	5	14	5.40	+1.75	15	6	9	8
1909	59.3	+7.9	90	4	16	18	3.75	+0.10	13	8	9	7
1910	51.5	+0.1	85	21	17	29	0.47	−3.18	16	9	5	3
1911	46.8	−4.6	86	11	5	12	3.18	−0.47	14	8	8	7
1912	50.5	−0.9	89	11	13	25	1.66	−1.99	19	7	4	2
1913	57.6	+6.2	85	13	20	9	2.47	−1.18	10	9	11	5
1914	52.6	+1.2	88	5	11	20	2.32	−1.33	15	6	9	4
1915	54.8	+3.4	83	1†	17	15	5.40	+1.75	16	5	9	6
1916	52.1	+0.7	87	2	10	10	2.95	−0.70	20	4	6	5
1917	50.7	−0.7	85	10	11	21	1.96	−1.69	17	4	9	4
1918	49.7	−1.7	88	6	18	30	3.91	+0.26	15	4	11	6
1919	51.4	0.0	86	1	14	13	6.27	+2.62	17	3	10	7
1920	47.8	−3.6	89	7	10	13	1.95	−1.70	15	4	11	5
1921	54.9	+3.5	88	17	17	12	5.53	+1.88	13	6	11	7
1922	52.9	+1.5	88	4	20	21	3.89	+0.24	16	6	8	6
1923	50.8	−0.6	81	10	21	6	3.34	−0.31	15	4	11	6
1924	53.4	+2.0	88	2	15	25	2.36	−1.29	16	5	9	4
1925	50.4	−1.0	89	12	15	25	5.67	+2.02	16	4	10	8
1926	47.2	−4.2	81	6	10	19	3.33	−0.32	14	5	11	6
1927	56.7	+5.3	96	1	20	17	3.67	+0.02	7	8	15	6
1928	50.2	−1.2	82	8†	13	25	4.25	+0.60	13	3	14	8
1929	46.1	−5.3	85	12	7	30	2.61	−1.04	19	6	14	5
1930	50.5	−0.9	87	15	15	6†	4.15	+0.50	16	4	10	7
1931	57.6	+6.2	88	3†	18	1	6.34	+2.69	9	6	15	9

Corrections: Octomber, 1931

Mountain Home number of partly cloudy days should be 0[a], cloudy 9[a].

Climatological Data for November. 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Amity	Clark	700	36	......	......	......	......	......	......	......		......	......	......	......	......	......	......	......	
Arkadelphia	Clark	259	35	......	......	......	......	......	......	......	7.24	+3.55	1.92	0.0	13	7	6	17	s.	W. K. Bown
Arkansas City	Desha	115	47	......	......	......	......	......	......	......	5.84	+1.95	2.12	0.0	8	12	5	13	......	Herbert Neff
Arlberg	Stone	700	9	......	......	......	......	......	......	......	4.96	......	1.19	0.0	4	8[a]	3[a]	18[a]	ne.	J. D. Reeves
Batesville	Independence	277	32	51.6	+5.3	80	8†	25	13	50	6.43	+2.91	2.05	0.0	10	8	4	18	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	56.7	+5.9	79	3†	27	1	39	9.00	+5.52	5.00	0.0	8	8	5	17	s.	J. E. Scanlan
Bentonville	Benton	1303	26	55.4	+7.2	78	3	27	25	31	3.54	+0.40	1.13	0.0	11	13	7	10	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	1	......	......	......	......	......	......	......	6.93	......	2.03	0.0	7	16	0	14	......	Harry Johnson
Black Rock	Lawrence	259	29	......	......	......	......	......	......	......	7.62	+3.46	3.25	0.0	10	14	3	13	s.	Vernon C. Howe
Blytheville	Mississippi	252		58.8	......	83	8	33	6	39	6.80	......	2.21	0.0	8	6	2	22	s.	Charles Phillips, Jr.
Booneville	Logan	465	17	58.4	+6.2	85	3	28	1	39	3.84	+0.30	1.43	0.0	9	11	4	15	s.	F. H. Randolph
Brinkley	Monroe	205	44	58.4	+6.7	84	13†	27	1	46	6.40	+2.21	2.33	0.0	8	12	6	12	se.	R. J. Torry
Calico Rock	Izard	361	27	55.4	+7.4	86	3	28	1†	52	4.92	+1.90	1.24	0.0	10	6	10	14	s.	W.J. Copp
Camden	Ouachita	158	46	58.2	+5.3	83	11†	28	1	46	8.40	+4.26	3.12	0.0	11	10	2	18	s.	Georgia Quarterman
Carthage	Dallas	....	1	......	......	......	......	......	......	......	8.82	+5.09	3.30	0.0	8	10	6	14	......	C. R. Tewalt
Center Point	Howard	470	32	59.2	+5.0	80	3†	35	1	33	7.32	+3.77	1.70	0.0	13	9	7	14	se.	John C. Floyd
Clarendon	Monroe	200	27	......	......	......	......	......	......	......	7.74	+3.83	3.30	0.0	9	11	1	18	s.	J. W. Bishop
Clinton	Van Buren	516	10	......	......	......	......	......	......	......	6.49	......	2.20	0.0	6	8	10	12	s.	A. L. Stephens
Conway	Faulkner	309	48	58.5	+7.7	82	3†	30	1	39	6.78	+2.85	2.51	0.0	9	12	6	12	e.	E. E Cordrey
Corning	Clay	293	38	56.9	+8.5	82	8†	25	6	43	4.86	+1.28	1.95	0.0	8	12	3	15	s.	Winfred D. Polk
Cotter	Baxter	408	4	......	......	......	......	......	......	......	3.39	......	1.06	0.0	7	11	5	14	sw.	O. B. McSpadden
Crosset	Ashley	175	16	61.3	+7.5	84	15	31	1	39	4.81	+0.55	2.13	0.0	8	12	4	14	s.	G. A. Gifford
Danville	Yell	327	15	......	......	......	......	......	......	......	6.86	+3.62	1.96	0.0	7	7	2	21	s.	C. G. Hudson
Dardanelle	Yell	330	45	58.4	+6.6	83	3†	30	1	41	5.18	+1.67	1.38	0.0	10	7	11	12	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	......	......	......	......	......	......	......	8.03	......	3.58	0.0	8	12	5	13	......	H. G. Pate
Dumas	Desha	162	25	58.9	+5.4	85	13	30	1	42	6.52	+2.46	2.50	0.0	7	8	8	14	s.	Ben Johnson
Dutton	Madison	1590	28	52.8[d]	+5.5	78[a]	8	18[f]	1	40[f]	2.86	−0.61	1.17	0.0	7	8	10	12	s.	J. M Ricketts
El Dorado	Union	270	30	61.4	+6.6	84	11	34	1	36	8.40	+4.11	4.70	0.0	10	7	7	16	se.	J. J. Babb
England	Lonoke	229	24	58.6	+5.4	81	3†	30	1	41	7.64	+3.94	2.50	0.0	11	8	8	14	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	57.0	+6.9	81	3	26	25	32	3.80	+0.73	1.32	0.0	9	14	2	14	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	56.4	+7.0	77	3	28	1	32	3.47	+0.44	1.29	0.0	11	11	6	13	sw.	University of Arkansas
Fort Smith	Sebastian	457	50	58.3	+7.3	81	3	35	1	30	3.12	+0.25	1.18	0.0	11	9	4	17	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	7	......	......	......	......	......	......	......	5.53	......	1.04	0.0	14	8	6	16	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	45	......	......	......	......	......	......	......	6.76	+3.20	1.70	0.0	9	13	0	17	......	T. J. Logan
Georgetown	White	200	19	......	......	......	......	......	......	......	9.19	+5.72	3.25	0.0	8	9	2	19	......	W. R. Owens
Gilbert	Searcy	675	8	......	......	......	......	......	......	......	3.78	......	0.86	0.0	9	7	10	13	......	Ben F. Battenfield
Grannis	Polk	900	12	55.8	+4.7	88	3	27	1	47	6.17	+1.23	1.80	0.0	12	9	8	13	e.	W. E. McVay
Gravette	Benton	1250	34	55.4	+6.5	77	3†	26	1†	35	5.20	+2.09	1.65	T.	9	8	6	16	se.	A. F. Stevens
Harrison	Boone	1052	30	54.6[a]	+6.2	79[a]	3†	28[a]	25	35[a]	3.91	+1.18	1.17	0.0	8	11	6	13	......	Louis R. Keck
Helena	Phillips	250	59	59.6	+7.2	88	10	30	1	38	6.97	+2.41	2.26	0.0	7	8	10	12	s.	James A. Burnett
Higden	Cleburne	445	13	......	......	......	......	......	......	......	6.36	+2.32	2.04	0.0	7	4	13	13	w.	Geo. W. Baker
Highland	Pike	....	2	61.1	......	82	5	36	25	32	6.77	......	1.98	0.0	7	7	7	16	s.	Tom W. Stewart
Hope	Hempstead	377	60	55.8	+2.1	79	9	29	1	35	6.80	+2.36	1.75	0.0	9	12	5	13	ne.	N. P. O'Neal
Hot Springs	Garland	600	40	59.4	+7.0	76	11	31	1	28	8.93	+4.78	2.48	0.0	8	8	10	12	......	G. C. Bolton
Index‡‡	Little River	275	6	......	......	......	......	......	......	......	7.43	......	1.80	0.0	12	10	1	19	......	H. G. Sanderson
Jessieville	Garland	750	5	......	......	......	......	......	......	......	7.20	......	2.79	0.0	7	7	14	9	......	U. S. Forest Service
Jonesboro	Craighead	345	36	57.8	+6.6	83	13	33	7	39	5.36	+1.98	1.79	0.0	10	12	11	7	nw.	Benedictine Sisters
Junction‡‡	Union	182	37	54.9	+1.3	77	2	30	1	43	5.41	+1.90	3.64	0.0	5	16	4	10	w.	J. A. Lowderback
Lead Hill	Boone	650	4	55.3	......	84	3	26	6	47	4.00	......	1.01	0.0	9	14	0	16	sw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	58.8	+6.7	79	11	38	1	30	8.30	+4.11	2.98	0.0	10	7	8	15	s.	U. S. Weather Bureau
Lurton	Newton	2100	6	53.6	......	75	3†	26	25	27	4.75	......	1.43	0.0	19	8	5	17	s	I. C. Sutton
Lutherville‡‡	Johnson	775	33	57.4	+6.5	80	8†	29	1	36	4.68	+1.20	1.41	0.0	12	7	5	18	e.	H. G. Lenhardt
Madison	St. Francis	....	1	......	......	..	......	......	..	..	6.77	......	2.75	0.0	7	10	0	20	. .	William G. Hager
Magnolia	Columbia	315	12	61.4[a]	+6.8	85[a]	12	33[a]	1	36[a]	7.14	+2.91	2.30	0.0	9	6[a]	7[a]	16[a]	e.	State Agri. School
Malvern	Hot Springs	277	41	58.1	+5.8	82	11	30	1	39	7.99	+3.63	2.25	0.0	9	15	2	13	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	26	56.0	+7.7	81	14	27	1	43	5.50	+2.14	2.07	0.0	6	8	11	11	se.	S. F. Whittaker
Marianna	Lee	235	19	59.8	+7.7	81	13	32	1†	37	6.09	+2.78	1.53	0.0	8	6	22	2	se.	C. N. Houck
Marked Tree	Poinsett	229	26	55.8	+7.0	83	13	30	7	50	8.82	+4.61	3.40	0.0	9	8	10	12	n.	Charles Walton
Marshall	Searcy	1070	17	55.0	+4.4	78	12	22	1	36	4.59	+0.89	1.32	0.0	9	8	2	20	sw.	A. J. Parks
Mena	Polk	1185	43	56.8	+4.8	76	3†	31	1	30	5.92	+2.44	1.25	0.0	17	9	6	15	ne.	E. W. St. John
Morrilton	Conway	347	10	57.5	......	82	3	33	1	39	7.06	......	2.30	0.0	6	8	7	15	e.	John Cook
Mountain Home	Baxter	800	17	56.4	+7.6	86	3	25	1	48	4.83	+1.80	1.40	0.0	7	11	3	16	sw.	B. S. Halbert
Mount Ida	Montgomery	650	32	56.2	+5.9	80	3	24	1	45	6.92	+2.82	1.52	0.0	9	9	5	16	w.	G. A. Whittington
Newport	Jackson	231	47	57.2	+6.4	82	13†	31	7	40	7.81	+3.62	3.62	0.0	12	9	8	13	n.	J. D. Henderson
Norman	Montgomery	750	4	......	......	......	......	......	......	......	7.39	......	2.30	0.0	10	5	6	19	......	U. S. Forest Service
Oden	Montgomery	809	5	......	......	......	......	......	......	......	5.51	......	1.59	0.0	12	11	5	14	s.	U. S. Forest Service
Okay	Howard	288	2	59.2	......	82	11	28	1	38	6.88	......	1.52	0.0	15	8	5	17	s.	Charles R. Jackson
Osceola	Mississippi	240	33	58.5	+8.3	85	13	33	1†	39	6.98	+2.60	1.85	0.0	7	9	8	13	s.	Charles H. Hampton
Ozark	Franklin	396	35	56.5	+4.9	81	8†	30	1	39	2.89	−0.30	0.76	0.0	12	9	5	16	e	Orkney O. Milton
Paragould	Greene	301	5	......	......	......	......	......	......	......	7.22	......	2.39	0.0	8	10	8	12	se.	W. R. Heagler
Parkin	Cross	....	1	......	......	......	......	......	......	......	6.89	......	2.80	0.0	7	12	4	14	......	P. D. Roberts
Patterson	Woodruff	196	15	......	......	......	......	......	......	......	8.73	+1.31	3.20	0.0	9	13	4	13	s.	W. E. Baker
Piggott	Clay	307	7	......	......	......	......	......	......	......	7.24	......	2.71	0.0	9	10	6	14	sw.	V. C. Wright
Pine Bluff	Jefferson	215	44	60.2	+7.2	83	11	32	25	38	7.57	+3.45	2.12	0.0	7	7	12	11	s.	Miss Theresa Scheu
Pocahontas	Randolph	300	38	56.7	+6.6	81	8†	30	7†	43	6.09	+2.52	2.82	0.0	6	9	4	17	n.	Benedictine Sisters
Portland	Ashley	122	25	60.0	+5.7	82	12†	29	1	38	2.49	−1.66	0.76	0.0	5	7	10	13	s.	W. E. Edmiston
Prescott	Nevada	329	43	59.1	+5.3	81	8†	31	1	37	7.11	+3.66	1.86	0.0	10	9	6	15	s.	Craig Williams
Rison	Cleveland	243	30	60.1	+6.7	83	11	31	1	38	8.85	+5.33	3.21	0.0	6	11	10	9	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	56.2	+7.3	79	3	26	1	36	3.64	+0.70	1.21	0.0	10	9	5	16	sw.	Carl A. Starck
Saint Charles	Arkansas	175	2	58.8[d]	......	82[i]	13	31	1	21[i]	8.99	......	2.00	0.0	8	12	5	13	s.	Ballard Deane
Saint Francis	Clay	290	3	......	......	......	......	......	......	......	7.02	......	3.30	0.0	8	11	8	11	......	S. T. Rooney
Searcy	White	236	22	56.4	+5.7	81	14	28	1	39	6.87	+2.52	1.84	0.0	14	15	1	14	ne.	Arthur D. Smith
Springbank‡‡	Miller	240	24	......	......	......	......	......	......	......	6.81	+3.18	1.23	0.0	13	10	0	20	......	Miss Grace Field
Story	Montgomery	700	7	......	......	......	......	......	......	......	6.68	......	1.52	0.0	13	9	7	14	s.	S. C. Story
Stuttgart	Arkansas	228	44	59.4	+7.4	83	11†	35	1	37	8.86	+4.81	4.15	0.0	7	10	5	15	s.	Adam F. Buerkle
Subiaco	Logan	1050	34	57.6	+5.3	83	13	30	1	35	4.97	+1.92	1.17	0.0	11	7	8	15	s.	New Subiaco Abbey
Sunset	Washington	....	1	......	......	......	......	..	..	......	......	......	....	...	..	..	..	..	......	Walter James
Texarkana	Miller	332	45	59.9	+4.9	86	4	35	25	36	7.72	+4.44	1.92	0.0	10	9	6	15	n.	H. S. Brashear
Thornburg	Perry	650	7	56.8	......	83	3	24	1	41	6.83	......	2.53	0.0	7	7	6	17	s.	Edward E. Holmes
Waldron	Scott	675	12	......	......	......	......	..	......	......	4.44	+0.60	1.67	0.0	9	8	2	20	s.	Dr. Cheves Bevill
Warren	Bradley	206	37	58.8	+5.1	80	15	32	1	31	8.81	+4.87	4.30	0.0	6	8	12	10	w.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	......	......	......	......	......	......	......	6.06	......	1.91	0.0	7	8	4	18	w.	J. R. Huddleston
Whitecliffs	Little River	290	27	......	......	......	......	......	......	......	7.11	+4.20	1.82	0.0	11	5	7	18	se.	Nannie O. Schirmer
Wilson	Mississippi	237	6	56.3	......	85	13	28	6	41	6.61	......	2.22	0.0	7	10	8	12	s.	S.N. Johnson
Wynne	Cross	250	23	57.3	+5.9	83	13†	28	1	36	6.76	+2.93	3.18	0.0	8	9	6	15	n.	R. T. Cobbs
Yancopin	Desha	167	7	......	......	......	...		....	....	5.88	......	1.90	0.0	9	12	4	14	......	W. E. Barton
State Means				57.6	+6.2	88	3†	18	1	52	6.34	+2.69	5.00	T.	9	9	6	15	s.	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m.

Daily Precipitation for November, 1931

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita																																
Arkadelphia	Ouachita											.03			.13	.10	.07	.05	.98	.03	1.92	.02		T.	.11			1.14		1.34	1.32		7.24
Arkansas City	Mississippi													T					.82	.21	2.12	.46				.26		1.19	T.	.37	.41		5.84
Ariberg	White																	1.19						1.08			.66			1.13			4.06
Batesville	White															.08	T.	.01	.64		2.05	T.			.40	.15	.03	.49		1.74	.89		6.43
Bee Branch	Arkansas														T.			.95		.18	5.00		T.		.70		.40	.05		1.67	.05		9.00
Bentonville ***	Arkansas										.32	T.	T.	.07	.13		T.	.33		.12		.80	T.	1.13	T.	.02	.26		.50	.36			3.54
Big Lake Outlet	St. Francis											.10							1.75		2.03	.20	T.	T	T.	T.		.90		.80	1.15		6.93
Black Rock	White											T.				.06	T.	.02	.96		3.25	.08			.48	.15		.58		.96	1.08		7.62
Blytheville	Mississippi											T.					T.	T.	1.24		2.21	.22			.06	.23		1.08		.68	1.08		6.80
Booneville	Arkansas										T.				.04	.03		.39			.18	.16			.95		.38		1.43	.28			3.84
Brinkley	White											T.		T.					.80	.02	2.83	.16			.04	T.		1.17	T.	.82	.56		6.40
Calico Rock	White															.03	.01	.04	.93		1.24				.98	.05		.50	T	.84	.80		4.92
Camden	Ouachita															.09	.05	.09	1.28		3.12				.14	.12		.87	.01	1.70	.93		8.40
Carthage	Ouachita															.10	.10		1.20		3.30				.02		T.	1.60		1.35	1.15		8.82
Center Point	Red											.01	.01	T.	.11	.15		1.23			1.21	T.	.37		.40		1.13	.05	.75	1.70	.20		7.32
Clarendon	White															.01			1.00		3.30	.14			.08	.15		1.27	T.	.99	.80		7.74
Clinton	White														T.			1.00		.25	2.20				.93		.61		T.	1.50			6.49
Conway	Arkansas																	1.00		.12	1.30				.42		.78	.08	.30	2.51	.27		6.78
Corning	White															.04			.70		1.95			.40	.10			.50		.67	.50		4.86
Cotter	White										T.	.30		T				T.	.67		1.06				.10	T.		.19		.95	.12		8.39
Crossett	Ouachita																	T.	1.11	.28	2.13	.13					.12		.88	.04	.12		4.81
Danville	Arkansas																.08		1.01		1.83		.17		1.10			.71		1.96			6.86
Dardanelle	Arkansas											T					.12	.25	.32		1.12		.04		1.00	.02		.70		1.38	.23		5.18
De Valls Bluff	White																		1.03		3.58	.15			.10	.14		1.35		1.12	.62		8.09
Dumas	Mississippi											T.							.95		2.60	.26				.30		1.09		1.00	.42		6.52
Dutton	White										.21	T.	T.	T.		.31		.26						.02	1.17					.87	.02		2.86
El Dorado	Ouachita															.02		.03	1.30	.10	4.70					.46	.20	1.00		.32	.27		8.40
England	Arkansas											.02						1.07	.02	.10	2.50				.25		1.03	.60	.63	.93	.49		7.64
Eureka Springs	White										.16				.48			.32			.12		.05		1.82		.38	.05		.92			3.80
Fayetteville	White										.11		.01	.02	.25			.37			.13		.07		1.29		.39	.02	T.	.81			3.47
Fort Smith ***	Arkansas										.17	T.	T.	.10	.11	T.	T	.38		.06	T.	.21	T	1.15	.03	T.	.23		.40	.28			3.12
Freeman Sprgs	Arkansas										T.	.28	.30	.02	T.	.03	.06	.20	1.04		.80		.13		.98	.04		.54		.90	.21		5.53
Fulton	Red											T.						.24	.64		1.14		T.		.20		.03	1.17	.14	1.70	1.50		6.76
Georgetown	White											.04							.98		3.25	.04			.05			1.68		1.20	1.95		9.19
Gilbert	White											.04							.66		.85	.01		.86		.01		.39	T.	.76	.20		3.78
Grannis	Red											.18	.03		.49	.19		.33			.71	.37	.06	.10	1.80		.60			1.31			6.17
Gravette	Arkansas										.47	.01			.14		T	.44			.03		1.65		1.34		.34		T.	.78			5.20
Harrison	White										.11					.03		1.17		.44					1.03			.03	.21	.89			3.91
Helena	Mississippi																		1.16		2.26	.35				.44		1.18		.90	.68		6.97
Higden	White															T.		1.05			2.04					1.02	.35		.08	1.70	.12		6.36
Highland	Ouachita														.11	.06		1.02		.99							1.17		1.44	1.98			6.77
Hope	Red													.06	.04		.72			1.75				.18		1.10		.90	1.70	.85			6.80
Hot Springs	Ouachita															.28		.88		2.48	.21				.31		1.41	T.	1.43	1.93			8.93
Index	Red															.13	.02	.50	.17		1.50		.22	T.	.22		.04	1.26	.20	1.80	1.37		7.43
Jessieville	Ouachita															T.	.03	.85			1.98		T.			.45		.10		1.00	2.79		7.20
Jonesboro	White											T.			.04	.18			.56	1.79		.12			.06		.14	.11		1.22	1.14		5.36
Junction	Ouachita																		T.	*	3.64		T.				.64		.36	.77			5.41
Lead Hill	White										.07			.02		.10		.69		T	.69				1.00		.33	.09		1.01			4.00
Little Rock ***	Arkansas		T.								T.			T.	.01	.08		1.05		1.26	1.01				.11		1.22		1.62	1.93	.01		8.30
Lurton	White										.01	.01	.04	.02	.04	.10		1.43	.01	.02	.78	.07	.04	.06	.80	T.	.37	.02	.10	.85	.01		4.78
Lutherville	Arkansas										.10	.06				.14		.68	.02	T	.56		.08	T.	1.05		.88		.10	1.41	.10		4.68
Madison	St. Francis																		.96		2.75	.22				.12		1.13		.75	.84		6.77
Magnolia	Red													.07	.08			1.40			2.30				.31		.67	.35	1.01	.95			7.14
Malvern	Ouachita														.02		.11	.03	1.00		2.25				.17			1.26		1.40	1.75		7.99
Mammoth Spg.	White																		.70		2.07				.50	T.		.45		.84	.94		5.50
Marianna	Mississippi																	.88		1.45	.90				.20	.02	.96	T.	.06	1.53			6.00
Marked Tree	Mississippi																.03		1.65		3.40		.23		.03	.30		1.07		.94	1.17		8.82
Marshall	White										.08					T		1.00		.02	1.32			.80		.56	.03			.78	.20		4.59
Mena	Ouachita											.01		T.	.10	.35	.72	.47	.03	.02	.42		.45	.03	1.02	.04	.01	.66	.04	1.25	.30		5.92
Morrillton	Arkansas																	T	.84		2.30				.67			.81		1.66	.78		7.06
Mountain Home	White										.28		T.					.80		.08	1.40				.82		.30			1.15			4.83
Mount Ida	Ouachita															.27		1.52			1.02		.46		1.06		.95		.64	.90	.10		6.92
Newport	White															.04	.18	.02	.74		3.62	.22			.09	.06	.02	.67		1.06	1.09		7.81
Norman	Ouachita											T.	T	T.	.12	.04		1.48	.01	.98		.42	.01	1.18			.85			2.30			7.39
Oden	Ouachita										.10					.16	.41	.10	.76			.24		1.32			.50	.03	1.59	.03	.27		5.51
Okay	Red		T.									.08			.11	.08		.81		.02	1.10	.04	.15	.05	.23		1.52	.07	.92	1.30	.40		6.88
Osceola	Mississippi																T.		1.29		1.85	.60	T			.26		1.62		.91	1.05		6.98
Ozark	Arkansas										.01	.02			.05	.06		.42	.07		.21		.20		.68	T.		.21		.76	.20		2.89
Paragould	Mississippi																T.		.88		2.39	.15		.14		.19		.57		1.78	1.12		7.22
Parkin	St. Francis																		1.35		2.80	.21				.11		1.20		.74	.48		6.89
Patterson	White											.10							.75		3.20	.10			.12	.20		1.20		1.16	1.90		8.73
Piggott	Mississippi										.20							.65		.95	2.71				.40		.42	.10		1.50	.31		7.24
Pine Bluff	Arkansas															T			1.35		2.12	T.			.12	.44		1.22	T.	1.34	.98		7.57
Pocahontas	White																	.80			2.82				.57		.51			1.25	.14		6.09
Portland	Ouachita																		.63	.12	.76							.64			.34		2.49
Prescott	Ouachita			T.											T.	.16		.19	.90		1.86			.05	.08			.98	.09	1.12	1.68		7.11
Rison	Ouachita																		1.63		3.21				.40			.93		1.65	1.03		8.85
Rogers	White										.42			.18	.05			.23		.07		T.	.11		1.21		.58	.04		.75			3.64
St. Charles	White																	1.40	.30	1.10	1.82				2.00		.50	.57	1.30				8.99
t. Francis	St. Francis											.10				T			.74		3.30	.27			.06	T.		.83	T.	.74	.98		7.02
earcy	White												.03			.24	.02	.03	.96	.02	1.84	.02			.07	.05		.81	.02	1.11	1.65		6.87
pringbank	Red											T.			T.	.62	.04	.09	1.00		1.23		.02	.01	.26		.28	1.00	.04	1.07	1.15		6.81
tory	Ouachita										.04				.06	.11	.55	.47		.49	.53		.54		1.10			.72	.07	1.52	.48		6.68
tuttgart	Arkansas																		1.03		4.15	.01			.83	T.		1.20		1.19	.95		8.86
ubiaco	Arkansas										.31				.65	T.		.67			.47	.09	.05	T.	.98		.25	.03	.30	1.17	T.		4.97
unset	Arkansas																										.28	.05	.02	.87	.01		
exarkana	Red															.18		1.00			1.08		.15		.20		.45	1.00	.32	1.92	1.42		7.72
hornburg	Arkansas													T.		.04				T.	2.53			T.	.63	T.	.90	.04	.49	2.20			6.83
Waldron	Arkansas												T.	.03	.17	.11	T.	.22			.23	.13	T.		1.41	T.	.47			1.67			4.44
arren	Ouachita															T.			1.10	T.	4.30	T.			T	.60	T.	1.20	T.	1.10	.51		8.81
Waters	Ouachita																.75				.69	.10			1.91			.54		1.56	.51		6.06
Whitecliffs	Red											T.			.08	T.		.40	.11		.80		.38	T.	.22		.09	1.43	.14	1.82	1.64		7.11
Wilson	Mississippi																T.		1.18		2.22	.29				.16		1.08		.18	1.50		6.61
Wynne	Mississippi											T.				T.			1.20		3.18	.25				.35		.38	.40	.75	.25		6.76
ancopin	Arkansas																		1.10	.11	1.90	.14				.20		1.22	.03	.70	.48		5.88

Daily River Stages for November. 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	4.4	4.0	3.7	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.9	2.6	2.8	2.7	2.7	2.6	2.7	4.0	4.3	3.9	8.8	11.6	13.7	14.9	18.4	19.0	18.0	17.6	17.6	17.4	
zark	do	22	1.1	0.6	0.2	-0.1	-0.3	-0.7	-0.8	-0.8	-0.9	-0.9	-0.9	-1.0	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-0.1	0.2	0.2	6.0	7.4	10.3	13.2	14.8	14.3	13.3	13.8	13.8	
ardanelle	do	20	4.5	4.1	3.8	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	3.2	3.5	4.1	8.7	11.3	13.3	16.4	16.7	15.7	15.5	15.5	
ittle Rock	do	23	1.3	0.7	0.3	-0.1	-0.5	-0.7	-1.1	-1.3	-1.4	-1.6	-1.7	-1.8	-1.9	-2.0	-2.0	-2.1	-2.1	-2.1	-2.1	-1.7	-1.8	-0.5	-0.4	2.7	7.1	10.9	14.1	14.4	13.9	14.2	
ne Bluff	do	25	7.2	6.4	5.7	4.9	4.5	4.1	3.8	3.5	3.2	2.9	2.7	2.5	2.4	2.2	2.1	1.9	1.9	2.1	2.1	2.3	2.5	2.8	3.4	4.1	7.7	12.3	15.7	17.4	17.4	17.4	
ancopin	do	29	11.3	10.1	9.0	8.1	7.4	6.8	6.2	5.6	5.1	4.7	4.5	3.9	3.3	3.1	3.0	3.0	3.0	3.2	3.2	3.3	3.3	3.4	3.4	3.9	5.8	8.9	16.4	20.3	22.0	22.4	
anville	Petit Jean	20	1.3	1.3	1.0	0.8	0.7	0.7	0.6	0.8	0.9	0.9	0.8	0.8	0.7	0.7	0.8	0.9	1.0	1.0	0.9	1.1	1.3	1.2	1.0	1.8	1.6	1.8	2.8	2.9	5.8	6.2	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.7	2.7	2.6	2.5	2.5	2.5	2.3	2.3	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.7	2.8	2.8	2.8	2.8	3.2	3.0	3.1	3.4	3.5	3.7	
Calico Rock	do	18	0.0	0.0	0.4	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	-0.2	-0.1	-0.3	-0.2	-0.2	0.0	0.0	0.5	0.5	0.3	0.2	0.4	1.1	0.6	0.7	1.4	1.6	2.0	
Batesville	do	23	4.6	4.4	4.7	4.9	4.6	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.4	4.4	4.5	4.3	4.3	4.5	4.5	5.2	5.4	5.3	5.0	5.0	5.3	5.6	5.3	5.5	6.9	7.6	
Newport	do	26	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.9	2.3	2.8	2.5	2.1	1.9	1.9	2.0	1.8	2.1	4.5	
Georgetown	do	22	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	0.0	0.4	1.1	3.0	3.0	3.0	2.6	2.5	2.5	2.5	4.0	
De Valls Bluff	do	24	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.4	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.9	3.9	4.4	5.0	6.0	6.6	6.8	6.7	6.5	6.7	7.3	
Clarendon	do	30	7.3	7.3	7.3	7.2	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.9	7.1	7.2	7.4	7.8	8.5	9.2	9.5	9.6	9.6	9.7	10.1	
Gilbert	Buffalo	30	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.9	3.2	
Black Rock	Black	14	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.3	1.3	1.2	1.2	1.2	1.6	1.2	3.5	4.0	3.8	3.0	2.8	2.7	2.5	2.6	2.5	2.5	2.6	
Camden	Ouachita	30	4.7	4.6	4.5	4.4	4.3	4.3	4.3	4.4	4.5	4.4	4.4	4.3	4.3	4.3	4.5	4.8	4.9	4.6	4.3	5.0	5.3	5.9	6.8	6.9	6.2	6.2	6.2	6.1	8.9	10.9	
Fulton	Red	28	10.3	9.8	8.6	8.0	7.5	7.1	6.7	6.4	6.2	5.9	5.7	5.5	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.6	4.6	4.6	4.6	6.6	10.3	11.0	14.0	15.8	15.6	15.4	
Helena	Mississippi	44	4.3	3.9	3.4	2.8	2.5	2.6	2.6	2.3	2.2	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.3	1.7	1.8	2.4	3.0	4.1	5.4	7.4	10.2	13.0	15.3	16.9	18.2	19.2	
Arkansas City	do	48	7.5	6.6	5.8	5.1	4.3	3.7	3.4	3.2	3.1	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.5	1.8	2.2	2.4	2.8	3.3	4.3	6.0	8.2	12.2	16.7	20.0	22.0	

Daily temperatures for November, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Bee Branch	Maximum	59	65	79	75	71	69	73	79	75	75	79	74	79	75	75	77	73	64	63	65	62	70	76	71	49	47	43	45	45	52		66.8
	Minimum	27	35	41	51	38	41	34	42	41	50	67	62	60	59	62	56	58	50	50	54	38	56	60	44	33	37	37	39	39	37		46.6
Bentonville	Maximum	55	69	78	69	71	67	73	76	70	66	72	71	75	70	75	72	66	70	65	59	67	71	72	51	46	39	40	44	45	44		63.6
	Minimum	30	38	53	46	41	40	45	54	56	59	58	65	63	59	51	61	52	50	49	46	42	58	51	35	27	36	37	37	39	35		47.1
Blytheville	Maximum	60	68	79	73	70	65	73	83	73	75	79	79	81	80	79	80	77	65	65	68	65	82	76	73	50	71	43	47	52	51		69.4
	Minimum	35	41	43	49	39	33	34	47	47	52	58	59	62	59	65	60	60	54	49	59	45	57	59	49	31	36	40	38	41	41		48.2
Booneville	Maximum	62	76	85	76	75	68	80	81	76	77	78	76	82	78	76	76	71	66	65	66	64	73	73	70	48	46	45	46	47	47		68.3
	Minimum	28	40	49	49	43	42	41	47	54	59	62	66	61	65	51	58	59	44	51	50	39	53	67	41	34	38	39	41	42	35		48.4
Brinkley	Maximum	61	70	82	74	73	67	75	82	76	80	83	81	81	81	78	83	74	65	69	68	74	83	80	69	55	44	44	47	48	54		70.2
	Minimum	27	30	44	48	35	36	29	38	41	49	56	57	56	56	66	58	58	56	49	56	44	60	59	51	35	38	38	40	42	43		46.5
Calico Rock§§	Maximum	61	70	86	71	74	65	78	84	77	79	80	75	83	80	81	81	71	63	65	65	66	71	75	53	51	43	44	45	46	55		67.9
	Minimum	28	30	39	42	30	28	29	32	39	40	55	57	61	61	52	53	55	45	48	52	37	46	57	50	32	34	38	39	38	37		42.8
Camden§§	Maximum	65	72	80	80	76	71	77	81	77	78	83	83	79	75	80	82	71	73	68	63	68	77	75	58	51	44	48	50	51	57		69.9
	Minimum	28	34	42	43	42	40	35	35	44	44	56	62	63	56	58	56	59	54	46	48	40	46	62	55	38	38	39	41	41	47		46.4
Center Point	Maximum	63	71	80	80	73	70	77	80	74	78	79	76	77	71	73	76	72	69	64	61	58	72	69	69	52	50	46	45	49	51		67.6
	Minimum	35	46	52	55	51	46	44	53	51	60	63	65	63	62	65	61	59	48	53	48	42	56	64	46	36	38	40	40	43	40		50.8
Conway	Maximum	60	68	82	73	72	67	75	82	75	76	80	77	81	81	73	78	72	69	63	67	65	75	78	74	52	48	46	46	46	55		68.5
	Minimum	30	37	44	50	42	38	36	45	46	57	59	65	62	62	65	59	59	51	46	56	42	59	61	48	36	38	37	41	42	42		48.5
Corning	Maximum	60	67	80	71	72	64	72	82	76	73	80	76	79	82	77	81	73	61	66	68	62	79	78	72	50	48	43	43	42	53		67.7
	Minimum	30	34	43	44	31	25	29	49	46	50	58	60	66	60	64	59	60	51	47	56	48	53	59	44	32	34	33	37	38	40		46.1
Crossett	Maximum	65	72	81	83	78	73	77	80	78	76	82	82	80	82	84	82	75	77	72	63	78	82	75	77	69	51	50	49	60	55		72.9
	Minimum	31	35	44	46	47	45	40	41	45	47	51	57	59	60	61	60	62	56	53	56	48	51	58	64	62	43	41	42	42	43		49.7
Dardanelle	Maximum	61	71	83	74	75	66	78	83	76	78	81	79	82	75	76	79	70	69	63	65	61	74	74	71	50	48	48	48	47	51		68.5
	Minimum	30	38	44	50	45	40	37	44	48	57	60	65	62	61	59	56	59	49	53	53	42	56	63	45	36	39	39	41	42	39		48.4
Dumas	Maximum	65	65	80	75	78	70	78	83	78	75	78	81	85	78	79	78	71	74	70	70	67	76	80	67	48	47	44	49	50	50		69.7
	Minimum	30	35	45	50	42	40	36	42	43	50	55	59	57	57	62	57	57	56	50	53	48	62	60	48	38	41	42	41	41	45		48.1
Dutton	Maximum	58	66	76	71	72	64	69	78	68	65	70	68	73	68	74	71	65	61	65	61	65	66	66	66	..	48	40	42	47	46		63.9
	Minimum	18	29	41	38	32	29	33	38	41	55	53	60	56	58	45	56	54	40	41	21	32	50	49	31	..	..	..	..	..	..		41.7
El Dorado	Maximum	66	73	81	82	78	72	79	81	78	75	84	80	78	77	82	81	74	77	70	68	66	77	76	70	55	49	48	48	57	55		71.2
	Minimum	34	42	49	55	48	44	43	47	48	56	59	62	63	60	61	60	59	57	52	55	48	61	64	50	42	41	43	42	45	48		51.5
Eureka Springs	Maximum	60	73	81	68	71	70	74	78	74	70	74	70	76	72	76	76	68	74	67	60	72	72	72	66	49	42	39	43	44	49		66.0
	Minimum	30	41	54	45	39	40	48	58	57	61	59	66	62	61	57	61	57	49	48	44	44	54	64	35	26	33	35	36	38	36		47.9
Fayetteville	Maximum	58	68	77	69	70	67	72	76	73	67	73	70	71	70	71	73	67	68	65	62	65	71	79	67	17	41	41	46	46	45		64.6
	Minimum	28	36	56	48	40	38	49	56	56	61	60	66	63	62	54	62	56	48	51	41	45	57	65	35	29	35	37	37	40	55		48.3
Fort Smith	Maximum	60	72	81	71	73	66	71	79	74	70	77	76	79	73	78	76	72	60	64	65	61	75	72	54	48	46	46	47	45	48		66.5
	Minimum	35	44	51	54	49	48	46	52	56	60	61	67	61	61	54	61	57	49	53	49	44	57	54	42	36	38	41	42	42	41		50.3
Gravette	Maximum	55	68	77	73	67	61	73	77	71	66	71	71	74	71	75	71	66	67	61	62	67	71	70	68	47	43	40	43	45	45		64.0
	Minimum	26	40	53	46	42	41	48	55	55	59	58	64	61	57	52	60	50	43	48	42	43	55	61	33	26	33	36	26	39	35		46.7
Helena	Maximum	61	69	81	74	72	64	73	80	76	88	80	81	85	84	79	81	71	71	73	71	74	81	78	71	53	47	49	45	54	57		70.8
	Minimum	30	35	48	48	39	41	35	47	47	53	57	59	59	59	62	60	50	54	52	57	46	61	60	47	37	40	41	39	42	43		48.3
Hope	Maximum	59	66	74	74	70	63	72	78	79	73	75	73	66	70	73	69	67	62	65	57	67	69	69	50	47	45	45	48	48	47		61.0
	Minimum	29	39	48	53	43	41	37	45	45	55	61	62	58	62	58	57	49	48	50	40	57	62	47	36	39	40	40	43	44	43		47.7
Hot Springs	Maximum	59	67	74	71	70	65	70	74	69	74	76	74	72	70	72	72	70	68	69	62	62	72	71	76	64	49	49	47	51	52		66.2
	Minimum	34	44	50	53	46	48	42	49	50	55	59	60	68	66	68	62	66	60	56	50	50	51	62	55	42	43	41	45	46	43		52.5
Jonesboro	Maximum	60	68	80	69	71	62	72	80	75	77	80	79	83	80	73	79	72	64	66	68	65	80	78	69	57	44	44	44	43	54		67.9
	Minimum	34	35	46	51	39	37	33	49	44	49	58	62	65	58	63	48	59	57	50	58	46	60	59	44	34	29	38	39	46	42		47.6
Lead Hill	Maximum	59	72	84	70	72	66	79	81	74	72	78	73	81	76	81	79	72	69	61	64	69	71	75	70	56	46	42	42	51	50		67.8
	Minimum	27	32	38	38	28	26	32	39	42	59	50	61	59	60	44	56	56	45	48	53	34	53	58	59	28	31	37	37	32	34		42.8
Little Rock	Maximum	58	64	77	70	70	64	72	77	72	76	79	75	74	75	74	76	70	66	66	65	65	74	76	70	56	45	41	46	47	51		66.2
	Minimum	38	45	47	57	50	46	41	51	51	57	64	66	63	62	66	61	57	53	51	56	48	62	61	43	28	38	51	46	43	46		51.3
Lutherville	Maximum	59	69	79	75	75	65	77	80	74	76	75	73	80	74	77	77	70	64	61	63	60	65	69	65	51	47	45	44	45	50		66.5
	Minimum	29	40	46	53	47	43	41	49	50	59	59	63	62	63	55	61	57	50	52	49	42	53	62	42	31	36	37	38	40	56		48.2
Magnolia	Maximum	66	73	81	84	77	72	80	..	83	81	84	85	77	74	82	83	75	75	68	68	65	73	75	72	55	53	56	53	63	57		71.9
	Minimum	33	40	52	54	47	45	44	..	48	56	61	63	63	59	61	60	58	51	51	55	45	60	62	50	38	36	42	42	48	17		51.0
Malvern	Maximum	63	68	79	76	76	69	74	80	74	80	82	78	75	72	75	77	70	72	64	66	62	74	74	71	54	38	46	45	42	57		68.3
	Minimum	30	36	41	48	41	41	36	41	40	54	60	63	58	62	64	55	59	56	52	51	41	56	60	56	30	[illegible]	[illegible]	42	43	42		47.9
Mammoth Spring	Maximum	55	67	79	70	69	65	74	80	77	72	74	76	79	81	79	80	71	63	64	66	65	73	76	71	50	46	[illegible]	38	36	57		66.7
	Minimum	27	34	47	48	32	28	31	50	47	53	56	60	61	53	62	56	53	51	49	55	37	52	59	40	30	37	[illegible]	[illegible]	50	46		45.3
Marianna	Maximum	54	65	77	71	70	62	69	77	73	75	79	79	81	80	78	79	75	66	71	72	69	72	77	72	62	[illegible]	44	41	42	53		59.2
	Minimum	32	43	49	51	39	39	32	46	45	55	60	60	61	61	60	61	65	56	56	61	45	61	62	56	45	[illegible]	41	43	37	[illegible]		50.3
Marshall	Maximum	48	65	73	73	66	58	71	76	75	70	73	78	73	73	72	77	73	72	74	65	..	..	..	78	57	41	..	[illegible]	42	[illegible]		51.5
	Minimum	22	47	46	40	30	27	44	44	54	59	60	61	62	62	59	68	58	47	45	53	41	56	39	28	35	35	35	36	37	34		45.6
Mena	Maximum	61	70	76	75	72	67	72	76	73	69	75	75	75	73	72	71	68	65	65	61	60	70	68	66	45	48	42	44	49	46		61.8
	Minimum	31	41	51	54	45	43	46	52	51	62	62	65	62	63	60	60	56	41	49	46	40	54	59	45	36	36	29	39	42	35		48.9
Mount Ida	Maximum	63	71	80	76	74	68	76	79	71	75	79	74	76	71	75	74	70	69	66	63	62	71	70	70	52	46	46	45	48	50		67.0
	Minimum	24	34	42	42	36	32	31	39	49	59	60	67	56	63	57	53	58	43	42	57	32	53	64	43	33	37	38	39	42	34		45.3
Newport	Maximum	57	67	79	69	69	61	71	80	73	75	79	76	82	82	75	79	72	64	66	67	64	73	77	72	49	45	43	45	45	51		67.2
	Minimum	32	34	46	52	37	35	31	47	42	53	51	62	62	61	65	56	59	57	46	57	45	55	58	45	31	39	39	39	40	41		47.3
Pine Bluff	Maximum	63	66	80	75	74	69	76	81	77	79	83	78	78	80	79	79	72	71	67	78	66	80	82	70	53	48	46	45	48	56		70.1
	Minimum	33	49	50	56	46	43	38	46	47	54	62	61	61	58	66	60	58	57	51	53	46	60	61	51	32	42	41	42	44	46		50.3
Pocahontas	Maximum	62	67	80	71	72	70	71	81	75	74	78	77	81	80	78	80	80	79	66	68	64	78	77	73	51	48	43	44	46	54		68.9
	Minimum	34	33	41	50	35	35	30	41	40	47	35	57	64	55	63	53	58	52	47	57	44	53	56	42	30	35	36	36	27	39		44.5
Portland	Maximum	60	66	76	80	74	68	71	77	76	74	81	82	82	82	80	81	71	68	75	70	70	80	79	71	56	53	50	50	63	58		70.9
	Minimum	29	34	42	58	47	41	35	39	40	51	54	56	59	57	64	58	59	54	55	57	47	61	57	53	42	41	45	43	46	46		49.0
Prescott	Maximum	63	71	80	80	75	70	77	81	76	79	81	80	71	78	78	79	75	72	68	66	61	73	72	71	54	50	49	40	49	55		69.4
	Minimum	31	43	48	52	47	43	40	47	45	53	66	61	60	60	57	56	58	50	50	51	40	57	62	49	37	38	39	46	42	41		48.8
Rison	Maximum	64	68	81	77	76	71	77	81	77	78	83	82	80	80	78	77	72	71	65	65	69	77	81	74	55	50	48	41	50	58		70.6
	Minimum	31	41	47	54	46	43	39	45	46	47	59	62	61	57	65	58	58	55	51	57	46	61	61	51	37	40	40	41	43	45		49.6
Searcy	Maximum	58	65	77	69	69	60	70	78	73	74	79	77	78	81	73	79	72	65	65	67	64	76	79	71	51	48	41	41	45	55		66.7
	Minimum	28	34	39	51	40	40	33	39	38	44	53	59	56	58	61	57	59	55	48	57	42	57	57	46	33	46	38	39	40	42		46.2
Stuttgart	Maximum	63	68	80	71	73	67	76	82	77	80	83	79	85	82	78	79	72	69	67	66	71	81	79	71	54	47	45	45	42	54		69.7
	Minimum	35	46	50	39	36	38	42	45	51	57	60	58	58	65	59	65	55	50	60	63	58	59	59	37	43	40	40	43	43	40		49.1
Texarkana	Maximum	67	73	82	86	79	73	79	81	77	80	81	79	78	75	80	78	72	72	65	66	58	78	72	71	68	49	49	46	51	51		70.5
	Minimum	40	43	51	50	46	45	45	51	48	58	60	62	60	60	64	58	52	45	48	50	41	55	61	46	35	37	40	39	43	41		49.3
Thornburg	Maximum	61	70	83	74	73	68	75	80	71	77	79	74	77	75	74	76	69	70	63	65	62	71	71	70	49	41	43	45	45	49		66.8
	Minimum	24	31	49	43	34	29	31	50	59	60	62	65	61	64	63	58	57	42	47	52	38	55	59	42	32	37	37	39	41	39		46.8
Warren	Maximum	58	64	76	74	71	66	70	75	73	73	77	78	78	79	80	78	73	71	66	68	68	75	77	71	52	50	47	45	52	54		68.
	Minimum	32	39	45	51	47	14	41	44	46	53	55	60	61	59	60	57	57	56	48	56	48	66	60	50	39	39	41	40	42	45		49.
Wilson	Maximum	62	64	80	70	70	61	71	79	75	78	81	79	85	80	76	81	72	70	68	67	71	79	80	73	49	44	41	42	45	52		68.
	Minimum	32	38	46	32	31	28	40	46	48	50	55	55	55	59	60	58	53	45	45	40	40	61	60	32	32	38	36	35	40	40		44.
Wynne	Maximum	56	66	78	70	68	62	72	79	74	79	81	79	83	81	76	80	71	65	68	67	73	81	83	68	67	52	43	45	46	52		68.
	Minimum	28	31	48	41	32	30	37	46	48	51	57	59	59	58	63	61	56	49	49	48	49	45	59	40	41	33	39	33	40	41		45.

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§§ Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark 12-29-31 1020

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

OL. XXXVI LITTLE ROCK, ARK., DECEMBER, 1931 No. 12

GENERAL SUMMARY

Unusually warm weather prevailed during December 1931 nd, although the highest temperature recorded was only 78°, his is the second warmest December on record for the past 40 ears, being exceeded only by that of December 1923 when e mean was 49.1°. Temperatures were somewhat below ormal the first three days of the month and cooler weather gain overspread the State on the 5th and 6th and on the 14th nd 15th when the lowest temperature generally occurred, but om the 17th to the close of the month temperatures were continuously above normal with departures reaching as high as 3° at Little Rock on the 23d. The mean temperature for the tate, as determined by the records of 61 stations, was 48.7° hich is 6.2° above normal, all stations with records of 10 ears or more showing positive departures. Monthly means nged from 43.7° at Lurton to 52.0° at Pine Bluff. The hight temperature recorded was 78° at Pine Bluff on the 23d, e lowest 17° at Lead Hill on the 15th. Departures of over ° above normal occurred in northern border counties. The eatest daily range was 44° at Okay on the 25th.

The average precipitation for the State, based on the reports 93 stations, was 7.79 inches which is 3.70 inches above ormal, this being the highest State average since 1892. Rainll was light in northern border counties and somewhat below ormal in the Fort Smith area but was excessive in the southn half of the State with four stations reporting monthly totals over 20.00 inches and a number of stations over 10.00 inches. l Dorado with a total of 23.86 inches established a new ecord for monthly rainfall in Arkansas, the previous record eing 23.80 inches at Story in April, 1927. The average numer of rainy days for the State was 14 but Highland in the outhwestern portion reported 23 rainy days and Clarendon nd El Dorado 21. Rainfall occurred in some portions of the tate except on the 5th and 6th, the 15th, and from the 25th the 28th. The greatest amount measured in any 24-hour eriod was 5.65 inches at Bee Branch on the 30th but a numer of stations reported excessive rains the night of the 12th-3th, from the 16th to the 19th, and on the 30th and 31st.

Tornadoes:—Dec. 11, 1 mile north of Texarkana, 2:30 a.m. om sw, destructive path 600 ft. wide, 2 1-2 miles long, 2 illed, 7 injured, property damage $10,000. Dec. 12, Waldo, 1:45 p.m., from sw, destructive path 600 ft. wide, 35 miles ng, none killed, 2 injured, property damage $500,000. Dec. 3, near Buena Vista, 8 miles southwest of Camden, 12:15 a. ., from w, destructive path 300 ft. wide, 35 miles long, none illed, 4 injured, property damage $1,500. Dec. 13th, near amden, 12.30 a.m., from sw, destructive path 1-2 mile wide, 5 miles long, 1 killed, 17 injured, property damage $750,000. he same tornado probably passed through Waldo, Buena Vis-, and Camden. Dec. 30th, near Line, 4 p.m., from sw, desructive path 1200 ft. wide, 2 1-2 miles long, none killed, 3 injured, $1,525 damage to timber, buildings and contents. Dec. 12th-13th, excessive rain in White County, $25,000 damage to roadbeds, culverts, and bridges. Dec. 30th near Monticello, barn struck by lightning, $500 damage. Dec. 29th-30th, Morrillton, wind and electrical storm, $5,000 damage to Morrillton Cotton Oil Mills, barns, buildings, and contents. Dec. 31st, Perry, excessive rain, $2,300 damage to buildings and contents from overflow of town branch.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	.	1	2	12	4	5	.	1	1	6	1	2	10	1	1	1	5	9	1	8	6	3	7	1	1	1	1	1	1	1	2
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.
Heavy Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sleet	1	1		.	.	.	1	.	.		.	.		.	1	5		.	.	.		.	.	.		.		.	.	.	2
Thunderstorms	1	.	2	.		.	1	2	1	2	7	21	21	.	1	6	5	.	.		1	3	6	4	.	.	.	.	7	38	2

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Pressure, Sea-level: Highest	Pressure, Sea-level: Date	Pressure, Sea-level: Lowest	Pressure, Sea-level: Date	Wind: Total movement miles	Wind: Maximum velocity	Wind: Direction	Wind: Date	Relative humidity: 7 a. m.	Relative humidity: 7 p. m.	Percentage of sunshine
Bentonville	30.04	30.56	2	29.36	31	3,303	17	sw	11	......	......	51
Fort Smith	30.07	30.54	2	29.46	20	4,511	24	sw	11	84	68	59
Little Rock	30.10	30.58	15	29.51	31	5,203	24	s	11	87	74	32
Memphis	30.11	30.57	15	29.49	31	4,616	26	sw	31	84	82	42

COMPARATIVE DATA FOR DECEMBER

Year	Temperature: Monthly average	Temperature: Departure	Temperature: Highest	Temperature: Date	Temperature: Lowest	Temperature: Date	Precipitation: Average	Precipitation: Departure	Number of days: Clear	Number of days: Partly cloudy	Number of days: Cloudy	Number of days: Precip. .01 or more
Means-Extremes	42.5		88		-21		4.09		12	6	13	7
1891		+1.4	72	5	13	26	4.69	+0.60	14	7	10	7
1892		-1.6	83	3	-10	26	8.79	+4.70	7	6	18	10
1893		+2.9	79	25	3	4	1.83	-2.26	14	8	9	5
1894		+2.1	82	8	-11	27	3.48	-0.61	14	6	11	6
1895	43.8	+1.3	78	18	5	3	3.96	-0.13	13	6	12	7
1896	45.8	+3.3	81	10	8	1	0.84	-3.25	8	7	16	8
1897	40.3	-2.2	81	9	10	4	6.00	+1.91	10	5	16	8
1898	39.5	-3.0	76	29	-4	14	1.87	-2.22	16	6	9	5
1899	41.0	-1.5	74	1	8	15	4.08	-0.01	15	7	9	7
1900	41.9	+2.4	82	17	10	31	2.76	-1.33	16	6	9	5
1901	38.5	-4.0	87	24	-6	15	4.42	+0.33	12	6	13	6
1902	40.8	-1.7	75	3	5	26	5.71	+1.62	10	6	15	8
1903	39.7	-2.8	74	22	6	26	3.44	-0.65	18	5	8	6
1904	42.9	-0.4	80	2	3	29	5.10	+1.01	12	7	12	7
1905	38.5	-4.0	69	8	7	4	4.96	+0.87	14	5	12	9
1906	46.5	+4.0	83	3	10	23	5.64	+1.55	8	7	16	8
1907	44.4	+1.9	85	28	11	11	2.70	-1.39	12	6	13	7
1908	46.0	+2.5	82	15	11	2	1.50	-2.59	13	7	11	5
1909	35.3	-7.2	82	4	1	9	5.26	+1.17	14	6	11	9
1910	40.8	-1.7	75	28	9	7	3.57	-0.52	13	6	12	6
1911	43.0	+0.5	78	10	3	31	7.00	+2.91	10	7	14	12
1912	41.7	-0.8	76	19	8	9	2.63	-1.46	14	7	10	7
1913	43.6	+1.1	77	1	14	26	3.26	-0.83	7	7	17	9
1914	36.1	-6.4	70	2	-11	15	6.26	+2.17	8	4	19	12
1915	43.9	+1.4	78	21	11	16	4.73	+0.64	12	4	15	7
1916	42.1	-0.4	82	4	-16	15	3.35	-0.74	14	6	11	6
1917	31.8	-7.7	81	3	-21	9	1.29	-2.80	13	6	12	3
1918	47.6	+5.1	88	10	9	26	5.62	+1.53	14	5	12	7
1919	40.4	-2.1	78	31	1	10	1.94	-2.15	13	4	14	5
1920	43.2	+0.7	74	31	6	28	5.95	+1.86	13	5	13	8
1921	47.1	+4.6	82	13	11	25	2.78	-1.31	13	6	12	6
1922	47.8	+5.3	86	5	12	18	4.59	+0.50	12	5	14	9
1923	49.1	+6.6	80	8	9	31	6.24	+2.15	9	5	17	13
1924	41.4	-1.1	86	14	-8	25	3.65	-0.44	14	5	12	6
1925	40.2	-2.3	81	8	-6	28	1.71	-2.38	15	5	11	3
1926	43.3	+0.8	79	4	-3	26	7.15	+3.06	11	4	16	10
1927	40.9	-1.6	84	13	-2	31	4.18	+0.09	14	5	12	6
1928	43.4	+0.9	87	28	10	20	4.41	+0.32	18	5	8	6
1929	44.4	+1.9	82	12	-5	20	3.84	-0.25	13	5	13	8
1930	40.6	-1.9	83	11	9	22†	2.58	-1.51	15	5	11	6
1931	48.7	+6.2	78	23	17	15	7.79	+3.70	9	5	17	14

Climatological Data for December. 1931

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Arkadelphia	Clark	250	35	...	...	...	...	...	...	...	10.56	+5.68	2.90	0.0	20	6	1	24	...	W. K. Bown
Arkansas City	Desha	145	47	...	...	...	...	...	...	...	16.42	+11.12	3.70	0.0	20	7	4	20	...	Herbert Neff
Arlberg	Stone	700	9	...	...	...	...	...	...	...	4.87	...	2.15	0.0	7	10	7	14	ne.	J. P. Reeves
Batesville	Independence	277	32	45.0	+4.8	74	23	19	15	40	9.95	+6.27	4.07	0.0	14	16	0	15	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	39	48.3[h]	-6.4	76	11	25[e]	15	25[e]	9.76	+5.90	5.85	0.0	14	13	2	16	n.	J. E. Scanlan
Bentonville	Benton	1303	26	45.5	+7.1	67	23	22	15	31	0.59	-1.78	0.22	0.0	9	14	4	13	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	1	...	...	...	...	...	...	...	7.10	...	3.70	0.0	9	5	0	26	...	Harry Johnson
Black Rock	Lawrence	259	29	...	...	...	...	...	...	...	8.79	+4.95	3.17	0.0	14	14	2	15	n.	Vernon C. Howe
Blytheville	Mississippi	252	6	51.4	...	75	12†	28	2	33	8.07	...	3.31	0.0	14	9	1	21	sw.	Charles Phillips Jr.
Booneville	Logan	465	17	48.9	+5.9	74	23	21	15	38	3.16	-0.01	0.85	0.0	13	13	3	15	w.	F. H. Randolph
Brinkley	Monroe	205	44	50.8	+7.2	76	23	26	15	32	8.90	+4.04	2.24	0.0	17	7	4	20	ne.	R. J. Torry
Calico Rock	Izard	361	27	46.0	+6.9	75	11†	21	2†	40	3.46	+0.21	1.46	0.0	12	7	10	14	e.	W. J. Copp
Camden	Ouachita	158	46	49.9	+3.6	75	23	29	15	40	11.83	+7.55	2.65	0.0	19	4	1	26	ne.	Georgia Quarterman
Carthage	Dallas	....	1	...	...	...	...	...	...	...	6.05	+0.98	1.85	0.0	15	10	1	20	...	C. R. Tevault
Center Point	Howard	470	32	50.3	+5.2	71	11†	29	14	28	6.94	+2.56	1.99	0.0	17	9	6	16	e.	John C. Floyd
Clarendon	Monroe	200	27	...	...	...	...	...	...	...	8.95	+3.98	1.93	0.0	21	8	4	19	n.	J. W. Bishop
Clinton	Van Buren	516	10	...	...	...	...	...	...	...	5.71	...	2.36	0.0	11	10	7	14	sw.	A. L. Stephens
Conway	Faulkner	309	48	49.2	+6.6	74	11	26	15	31	7.46	+3.46	2.71	0.0	17	13	5	13	e.	E. E. Cordrey
Corning	Clay	293	38	48.4	+8.6	76	11	23	2†	30	5.50	+1.89	1.95	0.0	12	14	4	13	w.	Winfred D. Polk
Cotter	Baxter	408	4	...	...	...	...	...	...	...	1.75	...	0.47	0.0	10	14	7	10	n.	O. B. McSpadden
Crossett	Ashley	175	16	51.2	+4.8	77	12	30	15†	37	20.47	+16.25	4.75	0.0	17	5	2	24	ne.	G. A. Gifford
Danville	Yell	327	15	...	...	...	...	...	...	...	4.34	-1.03	1.56	0.0	9	12	2	17	w.	C. G. Hudson
Dardanelle	Yell	330	45	48.9	+6.9	74	11	25	15	32	3.58	+0.52	1.20	0.0	11	4	13	14	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	4	...	...	...	...	...	...	...	8.73	...	1.82	0.0	15	11	2	18	...	H. G. Pate
Dumas	Desha	162	25	50.6	+4.4	75	23†	31	15	31	20.67	+15.07	5.20	0.0	17	8	6	17	n.	Ben Johnson
Dutton	Madison	1590	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	J. M. Ricketts
El Dorado	Union	279	30	51.6	+5.2	73	23	32	15	31	23.85	+18.27	[illegible]	0.0	21	6	2	23	ne.	J. T. Babb
England	Lonoke	229	24	50.6	+6.8	75	23	29	15	21	8.03	+3.27	1.18	0.0	17	8	4	19	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	31	47.0	+7.4	70	12	22	15	35	1.26	-1.57	0.40	0.0	6	12	6	13	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	44	46.4	+6.6	67	23	21	15	35	0.90	-1.90	0.25	0.0	11	14	5	12	ne.	University of Arkansas
Fort Smith	Sebastian	457	50	48.3	+6.2	70	12	28	15	31	1.46	-1.30	0.44	0.0	13	9	6	16	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	7	...	...	...	...	...	...	...	2.94	...	0.60	0.0	11	13	3	15	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	45	...	...	...	...	...	...	...	8.21	+4.59	2.00	0.0	13	7	5	19	...	T. J. Logan
Georgetown	White	200	19	...	...	...	...	...	...	...	9.10	+4.86	1.11	0.0	17	9	4	18	...	W. P. Owens
Gilbert	Searcy	675	8	...	...	...	...	...	...	...	2.29	...	0.46	0.0	12	10	8	13	...	Ben F. Battenfield
Grannis	Polk	900	12	48.0	+5.3	71	12†	23	15	37	5.91	+1.71	1.10	0.0	17	8	6	17	n.	W. E. McVay
Gravette	Benton	1250	34	45.7	+7.7	67	22	21	14†	35	0.52	-1.82	0.20	0.0	5	10	8	13	sw.	A. F. Stevens
Harrison	Boone	1052	30	44.4[a]	+6.8	72	23	18[a]	15	35[a]	1.96	-0.65	0.76	0.0	10	17	1	13	sw.	Louis R. Keck
Helena	Phillips	250	59	51.7	+7.3	75	20	28	15	30	15.07	+8.11	2.77	0.0	18	6	5	20	ne.	James A. Burnett
Higden	Cleburne	445	13	...	...	...	...	...	...	...	7.16	+3.31	1.30	0.0	12	5	7	19	e.	Geo. W. Baker
Highland	Pike	....	2	50.2	...	75	12	30	4†	34	8.03	...	1.81	0.0	23	8	6	17	s.	Tom W. Stewart
Hope	Hempstead	377	60	48.4	+1.4	77	24	28	15†	43	5.87	+4.46	1.90	0.0	13	7	9	15	.	N. P. O'Neal
Hot Springs	Garland	600	40	50.2	+5.8	70	23	28	15	23	9.23	+4.84	2.77	0.0	14	5	12	14	...	G. C. Bolton
Index.‡‡	Little River	275	6	...	...	...	...	...	...	...	5.78	...	1.30	0.0	16	6	2	23	...	H. G. Sanderson
Jessieville	Garland	750	5	...	...	...	...	...	...	...	6.20	...	2.18	0.0	9	4	11	16	...	U. S. Forest Service
Jonesboro	Craighead	345	36	49.6	+8.6	75	11	27	14	29	8.12	+3.65	2.50	0.0	14	12	12	7	nw.	Benedictine Sisters
Junction‡‡	Union	182	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	J. A. Lowderback
Lead Hill	Boone	650	4	45.6	...	73	23	17	15	40	2.68	...	0.63	0.0	9	16	2	13	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	52	49.8	+5.6	72	11	32	2	25	9.14	+5.00	3.40	0.0	18	7	4	20	sw.	U. S. Weather Bureau
Lurton	Newton	2100	6	43.7	...	65	23	23	14	25	3.93	...	1.00	T.	17	13	3	15	s.	I. C. Sutton
Lutherville‡‡	Johnson	775	33	47.6	+5.9	72	23	25	15	30	3.13	-0.87	0.81	0.0	13	12	5	14	e.	H. G. Lenhardt
Madison	St. Francis	....	1	...	...	...	...	...	...	...	9.17	...	2.62	0.0	12	11	0	20	...	William G. Hager
Magnolia	Columbia	315	12	51.8[a]	+3.0	74[a]	23	31[a]	4	36[a]	15.88	+10.77	3.59	0.0	13	9[a]	5[a]	16[a]	ne.	State Agri. School
Malvern	Hot Springs	277	41	49.7	+5.6	74	23	28	15	36	10.72	+5.92	4.60	0.0	17	11	2	18	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	26	47.6	+8.6	73	23	19	15	35	4.58	+1.30	1.47	0.0	8	13	5	13	se.	S. F. Whittaker
Marianna	Lee	235	19	51.2	+7.8	75	23	30	2†	30	8.24	+3.99	1.82	0.0	17	8	0	23	ne.	C. N. Houck
Marked Tree	Poinsett	229	26	48.6	+7.8	74	11†	26	15	36	8.97	+4.55	3.78	0.0	15	7	11	13	s.	Charles Walton
Marshall	Searcy	1070	17	45.3[d]	+3.3	65	23	18[d]	2†	38[d]	2.06	-1.65	0.65	0.0	12	12	2	17	ne.	A. J. Parks
Mena	Polk	1185	43	47.0	+4.3	69	12	25	15	30	5.71	+1.86	1.59	0.0	16	7	8	16	ne.	E. W. St. John
Morrilton	Conway	347	10	46.6	...	73	11	30	2†	32	8.38	...	1.30	0.0	13	10	8	13	ne.	John Cook
Mountain Home	Baxter	800	17	46.4	+6.8	75	11†	20	15	36	2.21	-1.28	0.66	0.0	12	16	0	15	s.	B. S. Halbert
Mount Ida	Montgomery	650	32	45.8	+2.7	72	23	20	15	38	6.48	+2.46	2.04	0.0	9	10	2	19	sw.	G. A. Whittington
Newport	Jackson	231	47	49.6	+7.6	74	11†	26	15	29	9.60	+5.74	2.61	0.0	16	9	9	13	s.	J. D. Henderson
Norman	Montgomery	750	4	...	...	...	...	...	...	...	8.02	...	2.43	0.0	12	6	9	16	...	U. S. Forest Service
Oden	Montgomery	800	5	...	...	...	...	...	...	...	5.60	...	1.91	0.0	14	11	5	15	sw.	U. S. Forest Service
Okay	Howard	288	2	50.6	...	76	23†	29	4	44	7.58	...	2.00	0.0	16	9	5	17	ne.	Charles R. Jackson
Osceola	Mississippi	240	33	51.4	+8.0	74	11†	27	15	28	3.96	-0.36	2.60	0.0	9	10	11	10	s.	Charles H. Hampton
Ozark	Franklin	396	35	45.0	+3.2	69	23	23	15†	33	2.32	-1.17	0.47	0.0	13	14	1	16	se.	Orkney O. Milton
Paragould	Greene	301	5	...	...	...	...	...	...	...	7.27	...	1.92	0.0	14	15	6	10	ne.	W. R. Heagler
Parkin	Cross	....	1	...	...	...	...	...	...	...	10.20	...	4.10	0.0	16	9	2	20	...	P. D. Roberts
Patterson	Woodruff	196	15	...	...	...	...	...	...	...	9.54	+5.40	3.98	0.0	14	12	1	18	n.	W. E. Baker
Piggott	Clay	307	7	...	...	...	...	...	...	...	4.58	...	1.57	0.0	13	11	5	15	sw.	V. C. Wright
Pine Bluff	Jefferson	215	44	52.0	+6.8	78	23	33	2†	33	11.80	+6.73	2.02	0.0	18	8	9	14	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	38	48.8	+8.7	76	11	22	15	43	7.01	+3.31	3.60	0.0	10	9	6	16	n.	Benedictine Sisters
Portland	Ashley	122	25	53.5	+6.6	76	23	32	5	29	18.42	+12.83	2.60	0.0	17	6	2	23	n.	W. E. Edmiston
Prescott	Nevada	329	43	51.0	+6.4	74	23	30	15	31	9.03	+4.67	2.22	0.0	16	7	8	16	s.	Craig Williams
Rison	Cleveland	243	30	51.9[h]	+6.0	74[h]	23	31[b]	2	40[h]	10.62	+6.54	....	0.0	..	7[h]	2[h]	14[h]	...	Mrs. M. V. Tisdale
Rogers	Benton	1385	40	46.4	+7.5	69	12	18	15	40	0.75	-1.67	0.31	0.0	5	13	3	15	s.	Carl A. Starck
Saint Charles	Arkansas	175	2	50.4[b]	...	74[b]	24	31[b]	15	36[b]	12.03	...	2.04	0.0	13	6[b]	3[b]	20[b]	n.	Ballard Deane
Saint Francis	Clay	290	3	...	...	...	...	...	...	...	4.17	...	1.16	0.0	8	12	4	15	...	S. T. Rooney
Searcy	White	236	22	48.8	+6.3	74	11	26	15	32	13.48	+9.37	4.43	0.0	18	13	1	17	ne.	Arthur D. Smith
Springbank‡‡	Miller	240	24	...	...	...	...	...	...	...	11.21	+6.76	4.06	0.0	18	5	2	24	...	Miss Grace Field
Story	Montgomery	700	7	...	...	...	...	...	...	...	6.98	...	3.10	0.0	13	10	3	18	ne.	S. C. Story
Stuttgart	Arkansas	228	44	51.0	+6.8	74	11†	29	14	34	10.88	+6.11	2.28	0.0	17	8	6	17	n.	Adam F. Buerkle
Subiaco	Logan	1050	34	47.4	+4.7	74	23	24	15	35	4.47	+1.26	1.10	0.0	13	14	3	14	s.	New Subiaco Abbey
Sunset	Washington	....	1	45.8[a]	...	64[a]	12	22	14	28[a]	1.49	...	0.26	T.	12	16	1	14	se.	Walter James
Texarkana	Miller	332	45	50.2	+3.1	77	23	28	15	34	7.65	+3.90	1.80	0.0	11	8	7	16	n.	H. S. Brashear
Thornburg	Perry	650	7	46.6	...	73	11	19	15	40	7.24	...	1.82	0.0	14	11	4	16	s.	Edward E. Holmes
Waldron	Scott	675	12	...	...	...	...	...	...	...	4.59	+1.05	1.54	0.0	10	8	6	17	ne.	Dr. Cheves Bevill
Warren	Bradley	206	37	50.5	+5.5	72	23	32	15	33	21.54	+16.32	5.00	0.0	17	8	7	16	se.	Miss Evelyn Hoyle
Waters	Montgomery	800	7	...	...	...	...	...	...	...	6.10	...	1.94	0.0	8	2	11	18	e.	J. R. Huddleston
Whitecliffs	Little River	290	27	...	...	...	...	...	...	...	6.49	+2.38	2.36	0.0	13	3	3	25	e.	Nannie O. Schirmer
Wilson	Mississippi	237	6	48.2	...	74	11†	24	14†	32	10.44	...	4.48	0.0	18	12	4	15	s.	S. N. Johnson
Wynne	Cross	250	23	50.9	+9.0	75	23	24	15	35	10.58	+5.83	3.98	0.0	12	7	9	15	n.	R. T. Cobbs
Yancopin	Desha	167	7	...	...	...	...	...	...	...	12.28	...	4.28	0.0	19	4	7	20	...	W. E. Barton
State Means				48.7	+6.2	78	23	17	15	44	7.79	+3.70	5.65	T.	14	9	5	17	n	

Temperature and precipitation departures computed for stations having ten or more years record. All complete reports used in means. T. less than 0.01 inch rain or melted snow. ††Received too late for means and summaries. Reference letters [a], [b], [c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||24 hours ending 7 a. m.

Daily Precipitation for December, 1931

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita																																
kadelphia	Ouachita	.60	.10	.25	.12				.13	.03		.96		2.90	.03		.14	1.74	.54	.32	.17	.02	.10	.02	1.39						.51	.49	10.56
kansas City	Mississippi	.10	1.24	.44	.90				.61	.70		T.	1.39	2.61	.72		.12	3.10	1.53	.13	.69	.08	.11	.03	.95	.05					T.	.92	16.42
lberg.	White			.27					.28		.44			.91						.47										2.15	.35		4.87
nesville.	White			.03	.08				.07	.28		.63		1.17	.09			.02	.12	.26	.60	.07	T.								4.07	2.47	9.96
e Branch	Arkansas			.30					.17	.04	.17	.52		1.41			.12	.32	.10	.23	.35	.30								T.	5.65	.10	9.78
ntonville ***	Arkansas			.05					.21	.01	.19		.02	.01				.02	.01	.01	T.			T						.01		.05	0.59
g Lake Outlet	St. Francis			.25	.10					.25	T.			3.70	.10			T.		T	.10	.10			1.10							1.40	7.10
ck Rock	White			.06	.20				T.	.20		.84		1.14	.18			.04	.01	.03	.72	.09	.17								3.17	1.85	8.70
theville	Mississippi			.22	.29					.17		.26	T.	3.31	.13			.04	.01		.16	.13	.06		.89						.38	2.02	8.07
oneville	Arkansas	T.		.11					.19	.09	T.	.11		.27			.85	.48	.04	.09	.26	.02									.55	.10	3.16
rinkley	White	.48		.44	.26				.06	.22		.65	.16	2.24	.17			1.18	.30		.28	.23	.08	.02	.32							1.81	8.90
alico Rock	White			.10	.14				T.	.21		.15		.42	.10				.06	.11	.18	.13	T.								1.46	.40	3.46
amden	Ouachita	.70	.65	.44	.10				.46	.10		.48	.05	2.65	.12		.17	2.64	1.06	.51	.06		.11		.60						.03	.95	11.83
arthage	Ouachita	.60	.03	.04	.02			.03	.01			.45		.75			.02	1.85	.55	.60	.02				.55							.53	6.05
enter Point	Red	.56		.15	.01				.20	.02	.18	.08		1.90			1.16	1.57	.05	.15	.07	.01		.02							.75	.03	6.94
larendon	White	.55	.01	.46	.26				.30	.20		.22	.10	1.88	.21		.01	1.36	.38	.06	.56	.21	.08	.01	.35						.06	1.93	8.98
linton	White			.28					.28	.26	.45			1.01				.29	.09	.08	.48	.16									2.56	T.	5.74
onway	Arkansas	.07		.31	.03				.16	.04	.02	.25		1.56			.50	.77	.07	.26	.45	.20	.03								2.71	.03	7.46
orning	White			.10	.12				.06	.22		.53		1.00	.10				.02		.20	.25									1.95	.95	5.50
otter	White			T.	.13					.47		.12		.14	.02				.03	T	.20	.04									.43	.15	1.73
rossett	Ouachita	.38	1.27	.60	.34				1.57	.11		T.	1.80	1.97	.37		.25	4.75	3.20	.43	.12		.15		1.25						T.	1.91	20.47
anville	Arkansas			.42							.19	.31		.63				1.66	.11		.06	.22									.74		4.34
ardanelle	Arkansas								.04	.15		.22		.71	.14		.03	1.20	.20	.08	.15	.05	.09	T							.80	.02	3.88
e Valls Bluff	White	.49		.46	.06					.30		.54	.34	1.82	.12			1.26	.45	.45	.68	.10	T		.27							1.39	8.73
umas	Mississippi	1.15	.75	1.20	.49					.57		.20	.60	5.20	.16		.20	3.21	1.90	.50	.28		.26		1.25						T.	2.75	20.67
utton	White																			.09	.08									T.	.55	.07	
l Dorado	Ouachita	1.20	.30	1.02	.20				.91	.08		.26	1.85	5.35	.55		.60	4.80	1.37	1.02	.10		.60	.05	2.55					.01	.04	1.00	23.86
ngland	Arkansas	.48		.56	T.				.29	.04	.05	.52	.08	1.02			.72	1.18	.13	1.01	.33	.09	T		.21						1.14	.18	8.03
ureka Springs	White			.05					.40	.07		.29									.12										.36		1.26
Fayetteville	White			.06					.25	.04	.06	.21		.03			T	.01	.02	.02	.06	.02		.01						T.	.02	.09	0.90
ort Smith ***	Arkansas			.08				T.	.25		.17		.01	.05			.41	.05	.02	.03	.02	.14	T.							T.	.17	.06	1.46
reeman Sprgs.	Arkansas			.04	.11				T.	.37		.60		.33	.12			.13	.07	.04	.07	.21	.27								.47	.11	2.94
ulton	Red	.70	.10	.25					.18	.03		1.30		.98			.04	2.00	1.20	.13		T.			.87						.36		8.24
eorgetown	White	.10		.14	.08				.06	.18		.10		4.14	.06			1.37	.10	.15	.57	.08	.06		.27						.04	1.60	9.10
ilbert	White		.20		.08					.35		.46		.05		.15		.08			.15	.16								.37	.16	.08	2.29
rannis	Red	.71		.16			T.	T.	.35	.05	.40	.79		.04			1.10	.92	.08	.14	.16	.10		.04						.06	.78	.03	5.91
ravette	Arkansas			T.					.20	.05	.04	.08									T.										.15		0.52
Harrison	White			.17	T.				.23	.07	.15	.10		.10						.03		.15									.76	.20	1.98
Helena	Mississippi	.45	.32	.93	.57				.10	.32	.05		.45	1.97	.25			1.17	.28	.16	.65	.25	.20		2.20							2.77	13.07
Hizden	White			.32	.02				.22		.10			1.19				.29	.08	.39	.08	.10									4.30	.07	7.16
Highland	Ouachita	.66	.04	.30		.03	.05	.02	.36	.03	.27	.06	.02	1.74			1.34	1.81	.06	.10	.08	.06	.08	.10						.01	.80	.06	8.03
Hope	Red	.95		.34					.20		.03	.69	.65	.85			1.90	1.61	.07	.12	.16										1.30		8.87
Hot Springs	Ouachita		.08	.44					.30		.17	.17	2.77	.26			1.44	.43	.12	.16	.12		T								2.71	.06	9.23
Index	Red	.70	.11	.12	T.				.18	.04		.60		.60			.03	1.90	.50	.15	.08	.01			.48						.18	.10	5.78
Jessieville	Ouachita			.35					.25			.37			2.18			*	1.58		.22										*	1.25	6.20
Jonesboro	White			.15	.33				T.	.26	.01	.86		2.30	.05				T.	.05	.15	.20		.03	.10						1.80	1.83	8.12
Junction	Ouachita																																
Lead Hill	White			.17					.16	.26	T	.19		.20					T.	T	.13	.09									.63	.25	2.08
Little Rock ***	Arkansas	.15	T.	.54				T	.29	.01	.09	.57	2.31	1.10			1.30	.23	.04	.77	.24	.02	T.	1.00	.01					T	.55	.01	9.14
Lurton	White	.01		.14	.01				.37	.01	.43	.35		.34			.04	.05	.10	.43	.35	.20	.02								1.00	.08	3.93
Lutherville	Arkansas			.11					.15	.08	.04	.20		.81			.30	.25	.10	.17	.10	.18									.54		3.03
Madison	St. Francis	.41		.52					.28	.14		.30		2.62	.20			1.02		T.	1.11	.08			.58							1.91	9.17
Magnolia	Red	1.50	.62		.03				.57				1.30	3.59			2.90	2.80	.05	.33	.10			.26							1.53		15.58
Malvern	Ouachita	.45		.20	.13				.15	.09		1.42		4.65			.15	1.47	.33	.40	.20		.13	.01	.65						.15	.14	10.72
Mammoth Spg.	White			T.	.20					.15		.26		.60							.28		.17								1.45	1.47	4.58
Marianna	Mississippi	.41		.65	.03				.18	.02		.25	.50	1.82			.40	1.01	.03	.05	T.	.24		.03	.82						1.35	.45	8.24
Marked Tree	Mississippi			.24	.35					.24		.12		3.78	.11			.29	.10	.03	1.44	.06	.05		.40						.01	1.75	8.97
Marshall	White			.10					.17	.02	.17	.07		.42				T.	.04	.14	.18	.05									.65	.05	2.06
Mena	Ouachita	.29		.07	.01				.22	.19	T.	.33		1.59	.08		.25	1.57	.24	.08	.21	.03	.08	T.	T.					T.	.47	T	5.71
Morrilton	Arkansas			.18	.15				.10	.12		.20		1.08	T.		T.	1.44	.12	.15	.38	.20									4.10	.26	8.48
Mountain Home	White			.15					.30	.15	.10	.15		.20						.25	.04	.08	.03								.66	.18	2.29
Mount Ida	Ouachita	.38		.09							.23			1.43			.92	1.10	.09		.20										2.04		6.48
Newport	White			.12	.26				.03	.33		.94		2.61	.03			.15	.10	.04	.93	.12	.10		.04						1.57	2.23	9.60
Norman	Ouachita	.05		.08					.20	T.	.60			2.43			*	1.88	.33	.02	.18	.01									2.24		8.02
Oden	Ouachita		.06					.11	.11		.61			1.01	.08		.14	1.91	.19	.04	.21		.04								1.06	.03	5.60
Okay	Red	.69		.26					.24	.04	.07	.30		2.00			1.58	1.65	.06	.21	.10	.01		.02							.26	.09	7.58
Osceola	Mississippi									.25		.09		.04				.27			.09	.28	.10		.24							2.60	3.96
Ozark	Arkansas			.28						.40		.21		.10	.05		.02	.47	.09	.01	.13		.05								.42	.09	2.32
Paragould	Mississippi			.13	.22				.07	.25		.67		1.47	.06			.47			.30	.04	.33	.26							1.92	1.08	7.27
Parkin	St. Francis			.42	.23				.08	.14		.62	.11	4.10	.14			.65	.06	.02	1.04	.07	.04	T.	.68							1.80	10.20
Patterson	White	.10		.18	.22				.07	.22		.17		3.98	.11			.91	.09	.10	1.05	.18										2.16	9.54
Piggott	Mississippi			.19	.08				.20	.08		.40		1.57	.05					.11	.18	.05	.07								1.35	.25	4.58
Pine Bluff	Arkansas	.78	.24	.52	.14				.22	.19		.44	.09	2.02	.27		.10	2.00	.93	.96	.05	.07	T.		1.94						T.	.84	11.80
Pocahontas	White			.19					.18			.64		1.05						.58	.06	.16	.06								3.60	.49	7.01
Portland	Ouachita	.40	.98	.99	1.16				1.90	.10			2.60	1.76	.50		1.19	2.20	2.32	.25	.10	.15			1.32							.50	18.42
Prescott	Ouachita	.76	.15	.39	.08				.15			.84		1.61			.07	2.22	1.43	.14	.15		.08		.87						.05	.04	9.03
Rison	Ouachita	1.80		.40	.10				.42								‡	2.45	1.31	1.60	.18				1.34							1.02	10.62
Rogers	White			.02					.31		.29			T.						T.	.02											.11	0.75
St. Charles	White		.60	2.04					.35			.56	1.95	.78			1.30	.95			.05	.19			1.20						1.97	.09	12.03
St. Francis	St. Francis			T	.26				T.	.34		.31		1.16					T.	T.	.13	.37	T.								.61	.99	4.17
Searcy	White	.03		.20	.16				.07	.21		1.50		4.43			T.	.72	.15	.72	.72	.12	.06	.02	.58					.10	.73	2.96	13.48
Springbank	Red	1.50	.15	.27	.07				.50	.05		.08		1.26	.08		.26	4.06	.80	.38	.08	T.	.02		1.15						.02	.51	11.24
Story	Ouachita			.40					.48	.06	1.11			.92	.18		1.12	1.16	.12		.13	.15									3.10	.05	8.98
Stuttgart	Arkansas	.07	*	.58					1.16	.27		.27		.19	2.28		.18	1.59	.22	1.33	.12	.08			.89						1.57	.08	10.88
Subiaco	Arkansas			.11	T.				.42	T.	.06	T.		1.10	T.		1.00	.30	.02	.11	.19	.02	.01							T.	.99	.11	4.47
Sunset	Arkansas			.08	T.				.26	.06	.14	.19		.14			.12	.08	.02		.08	T.									.22	.10	1.49
Texarkana	Red	.75		.30					.38			.90		1.25			.20	1.80	.90						.50						.80	.37	7.65
Thornburg	Arkansas	.45		.35	.01				.30	T.	.04	1.16		1.42			.86	1.82	.14	.40	.17	.04	T.	T.							T.	.08	7.24
Waldron	Arkansas			.24				T.	.14			.36		.16				1.54		.14	.66	.04									1.24	.07	4.59
Warren	Ouachita	1.40	.57	1.50	.30				.70			.65	.30	5.00	.30		.62	2.70	1.55	2.60	.40	.12	T.	T.	1.63						T.	1.20	21.54
Waters	Ouachita								.26			.82		.98	.12			1.94	.24		.54										1.20		6.10
Whitecliffs	Red	.73	.08	.32	T.				.23	.10	T.	.53		.93			.04	2.36	.72	.18	.11	T.		T.	T.						.16		6.49
Wilson	Mississippi	.03		.37	.40				.04	.23	.02		.13	4.48	.12			.28	.02	.02	.30	.44	.24		.49						.05	2.78	10.44
Wynne	Mississippi			.35	.25					.22		.27		3.98	.54			.68	.25		.86	.26	.26									2.66	10.58
Yancopin	Arkansas	.91	.71	.57	.78				.25	.19		.11	.70	4.28	.20		.05	2.90	2.00	.08	.34	.12	.21		2.43							2.45	19.28

Daily River Stages for December. 1931

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	17.7	17.4	16.7	13.3	11.4	10.3	9.6	9.1	8.8	8.3	7.7	7.6	7.6	7.6	7.4	7.3	7.2	7.5	7.8	7.8	7.3	7.2	7.0	6.8	6.7	6.5	6.8	6.1	5.9	5.8	6.0
Ozark	do	22	13.3	13.2	12.5	9.9	8.4	7.2	6.5	6.0	5.6	5.1	4.6	4.3	4.2	4.2	4.1	4.0	3.9	3.9	4.1	4.3	4.3	3.8	3.5	3.4	3.3	3.2	2.8	2.5	2.4	2.8	2.2
Dardanelle	do	20	15.3	15.4	15.2	13.7	11.8	10.0	9.0	8.3	7.9	7.5	7.1	6.7	6.6	6.6	6.5	6.4	6.6	6.4	6.4	6.6	6.8	6.5	6.3	6.0	5.8	5.6	5.4	5.2	4.9	4.8	4.9
Little Rock	do	23	11.2	13.9	13.9	13.4	12.0	10.1	8.3	6.8	5.8	5.2	4.9	4.6	5.6	5.5	5.5	5.1	5.2	5.7	6.2	6.2	6.1	6.0	5.4	4.9	4.4	3.8	3.3	3.0	2.6	2.5	6.7
Pine Bluff	do	25	17.6	17.5	17.2	17.2	16.6	15.5	13.8	12.7	11.4	10.8	10.4	10.1	10.2	11.1	11.2	11.0	10.8	10.9	11.5	11.7	11.7	11.5	11.2	10.9	10.1	9.6	9.4	8.7	8.3	8.0	8.6
Yancopin	do	29	22.6	23.3	23.7	24.2	24.4	24.0	23.2	22.2	21.2	20.2	19.2	18.4	18.1	17.8	18.2	18.3	18.7	19.2	20.1	21.5	22.9	24.0	24.9	25.8	26.4	26.7	26.9	27.0	27.0	26.9	27.1
Danville	Petit Jean	20	6.8	6.3	6.1	3.6	3.0	2.8	2.7	2.5	2.4	2.3	2.4	2.4	2.6	2.5	2.3	2.2	7.3	15.3	14.4	11.3	8.4	6.2	5.2	5.7	5.4	5.1	4.8	4.5	4.3	4.4	5.1

‡Rainfall 9th to 16th included in measurement of 17th.

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.7	4.8	4.8	4.6	4.6	4.5	4.5	3.7	3.4	3.3	3.3	3.5	3.5	3.6	3.5	3.7	3.5	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.8	2.4	3.1
Calico Rock	do	18	1.9	3.0	3.1	2.5	2.4	2.5	2.4	1.8	1.2	1.2	1.4	1.4	1.6	1.7	1.7	2.0	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.0	0.5	0.2	0.7	1.4
Batesville	do	23	7.6	7.3	8.1	8.1	7.9	7.7	7.7	7.4	6.6	6.0	6.5	6.6	7.9	7.2	6.9	6.6	7.3	6.8	6.7	6.7	6.8	6.6	6.3	6.1	6.1	6.1	6.0	5.8	5.3	8.1	13.0
Newport	do	26	5.0	4.7	4.5	4.5	4.2	4.0	3.9	3.8	3.5	2.8	2.6	2.9	3.1	5.2	5.0	4.6	4.1	4.1	3.8	3.8	4.3	4.3	4.0	3.5	3.2	3.0	2.9	2.8	2.5	2.5	14.8
Georgetown	do	22	7.0	8.0	8.0	7.7	7.4	7.2	6.8	6.5	6.2	5.8	5.3	5.4	6.9	10.7	11.8	12.3	12.4	12.0	11.4	11.6	11.7	11.6	11.3	11.0	10.4	9.5	8.7	8.0	7.2	6.6	13.9
De Valls Bluff	do	24	9.2	11.3	12.2	12.4	12.3	12.1	11.9	11.7	11.3	10.9	10.4	10.0	11.4	15.3	16.8	17.8	18.7	18.9	18.6	18.5	18.5	18.3	18.0	17.7	17.3	16.8	16.0	15.3	14.6	13.8	14.6
Clarendon	do	30	11.2	13.0	14.4	15.2	15.5	15.6	15.6	15.6	15.5	15.3	15.0	14.7	15.1	17.6	19.3	20.3	21.3	22.0	22.5	22.8	23.1	23.2	23.3	23.2	23.1	22.8	22.5	22.0	21.5	20.9	20.8
Gilbert	Buffalo	30	3.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	2.9	2.9	2.9	2.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.3	3.5
Black Rock	Black	14	3.5	3.5	3.0	3.0	2.9	2.8	2.7	2.5	2.5	2.4	2.6	2.5	3.2	3.7	3.5	3.4	3.4	3.3	3.2	3.0	3.1	3.0	2.9	2.9	2.7	2.6	2.6	2.5	2.5	3.7	11.2
Camden	Ouachita	30	17.2	21.0	22.0	22.0	21.5	20.1	19.6	17.0	14.7	13.2	12.3	12.0	15.4	19.9	25.3	28.1	29.9	30.7	32.1	33.5	34.3	34.8	34.6	33.8	32.6	31.5	29.6	28.3	26.3	23.5	22.1
Fulton	Red	28	14.8	15.0	15.4	15.9	15.4	14.4	13.5	12.3	11.4	10.5	10.1	10.0	10.8	12.1	13.1	13.6	14.3	15.8	16.8	17.3	17.5	17.7	18.3	17.0	16.4	16.0	15.1	14.3	13.1	12.1	11.2
Helena	Mississippi	44	20.3	21.4	22.5	24.0	24.9	25.6	25.7	25.4	24.8	23.9	23.0	22.2	21.5	21.4	21.5	21.7	23.0	25.3	27.9	30.3	32.2	33.6	34.6	35.5	35.9	36.2	36.2	36.1	35.9	35.7	35.8
Arkansas City	do	48	23.3	24.6	25.7	26.9	28.0	28.9	29.4	29.5	29.2	28.6	27.8	27.2	26.6	25.8	25.5	25.5	25.9	26.6	28.0	30.1	32.0	33.5	34.8	35.9	36.7	37.2	37.5	37.7	37.9	38.0	38.1

Daily temperatures for December, 1931

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Bee Branch	Maximum	50	51	48	56	56	54	52	49	48	51	76	66	61	49	50	48	47	59	58	61	60	57	72	70	62	56	63	59	57	60	58	56.9
	Minimum	38	29	38	30	31	34	30	38	40	45	50	38	47	30	25	33	37	46	52	55	41	39	51	45	..	..	..	..	..	55	36	39.7
Bentonville	Maximum	42	44	40	55	55	52	52	43	48	62	61	66	53	41	51	44	50	54	59	60	53	63	67	59	62	59	56	62	63	61	43	54.3
	Minimum	31	25	35	32	34	30	27	38	38	39	42	35	32	21	22	35	38	48	49	48	39	38	52	40	31	38	39	32	53	43	32	36.7
Blytheville	Maximum	48	50	48	54	57	58	55	50	49	57	73	75	70	57	50	47	52	71	72	66	64	60	72	75	66	67	69	59	66	64	58	60.5
	Minimum	40	28	41	38	53	34	53	40	42	45	45	47	53	36	29	33	42	50	53	55	54	44	56	54	36	34	42	38	41	51	45	42.3
Booneville	Maximum	51	52	46	62	63	57	60	46	53	53	72	71	63	51	52	47	48	64	58	63	60	68	74	68	60	60	67	67	66	65	58	59.4
	Minimum	40	30	29	26	33	35	37	39	40	40	51	34	38	28	21	37	38	47	48	54	39	34	47	45	29	36	43	29	48	52	33	38.4
Brinkley	Maximum	49	55	59	60	61	56	55	50	55	76	74	65	68	60	51	45	50	61	66	69	67	59	76	70	62	61	65	65	66	66	57	60.4
	Minimum	39	28	40	32	31	30	30	39	43	47	53	47	53	35	26	35	40	47	54	56	44	40	56	61	36	32	38	33	43	54	59	41.3
Calico Rock§§	Maximum	48	53	43	60	61	55	54	43	50	65	75	70	58	53	53	47	51	57	60	59	62	60	75	66	59	60	70	70	62	59	50	58.3
	Minimum	38	21	21	30	28	29	26	26	39	[illegible]	[illegible]	31	32	32	21	21	35	41	49	51	41	35	37	42	30	28	30	31	31	43	36	35.7
Camden§§	Maximum	48	49	48	61	63	54	52	47	50	72	[illegible]	70	66	48	55	48	51	57	59	61	53	64	75	70	61	60	66	68	68	66	48	59.0
	Minimum	41	33	34	30	30	30	37	38	40	43	[illegible]	49	54	36	29	29	38	44	48	54	39	34	35	60	37	36	35	33	33	52	35	39.0
Center Point	Maximum	49	51	49	60	62	56	51	48	47	55	71	71	62	52	53	48	49	54	62	59	53	56	71	70	62	60	65	64	64	67	57	58.0
	Minimum	33	32	39	32	40	42	41	39	41	45	55	50	41	29	31	33	40	48	51	52	43	49	54	50	42	36	46	41	52	56	37	42.6
Conway	Maximum	51	53	48	57	58	55	52	48	51	51	74	63	59	49	51	45	48	60	59	61	62	55	73	68	62	58	67	63	62	65	60	57.8
	Minimum	42	30	40	31	32	33	30	40	42	47	53	49	46	33	26	36	39	47	54	56	41	37	54	53	34	32	41	32	44	55	39	40.6
Corning	Maximum	49	51	45	56	56	55	54	49	49	56	76	69	60	55	51	48	51	57	56	59	63	58	72	68	57	58	63	58	62	62	57	57.4
	Minimum	28	23	38	35	28	30	23	37	39	45	52	41	52	32	23	25	40	49	51	53	50	40	55	52	31	30	38	30	37	55	45	[illegible]
Crossett	Maximum	47	50	49	62	59	64	53	48	61	70	70	77	70	49	40	50	53	67	66	65	56	66	75	72	70	64	70	68	66	68	43	61.1
	Minimum	43	37	37	33	31	32	35	40	43	42	42	61	62	39	30	30	39	48	50	56	42	38	41	61	34	32	33	37	38	53	39	41.2
Dardanelle	Maximum	54	55	51	58	59	56	51	50	51	52	74	67	61	52	51	48	48	62	59	61	61	59	73	69	63	56	67	63	65	63	61	58.7
	Minimum	41	31	40	30	30	36	29	41	41	45	51	37	41	30	25	33	39	47	51	54	39	37	47	47	32	33	39	31	42	54	36	39.1
Dumas	Maximum	50	50	50	54	57	48	47	47	48	57	66	67	66	60	50	44	52	64	65	60	55	60	75	75	66	63	65	65	68	70	70	59.2
	Minimum	39	32	42	34	52	34	27	40	44	47	57	51	57	37	31	33	38	49	57	40	40	39	55	56	35	33	41	36	44	58	39	42.1
El Dorado	Maximum	53	48	48	61	63	53	52	47	51	70	71	63	72	61	51	44	51	57	59	66	55	64	73	70	63	61	69	70	65	66	61	58.8
	Minimum	41	36	41	34	35	36	42	40	42	44	61	58	57	38	32	35	38	39	44	53	43	38	57	61	38	36	41	36	49	59	40	43.5
Eureka Springs	Maximum	47	47	40	57	57	52	55	44	49	57	65	70	54	49	[illegible]	43	50	54	57	58	58	66	69	63	63	62	61	66	62	[illegible]	52	56.2
	Minimum	33	24	35	32	36	[illegible]	30	26	30	40	51	38	33	23	22	33	37	47	48	49	41	40	53	44	30	37	46	35	50	52	34	37.7
Fayetteville	Maximum	46	44	46	59	58	52	51	46	46	63	63	66	62	44	51	46	50	56	59	63	60	62	67	63	64	58	58	62	62	63	53	56.0
	Minimum	34	24	27	31	30	30	26	28	38	40	42	32	35	23	21	34	39	47	46	39	39	39	52	41	29	36	45	29	53	52	34	36.7
Fort Smith	Maximum	53	40	43	59	58	56	50	[illegible]	52	66	65	70	55	48	50	43	51	57	61	64	53	66	70	64	59	57	61	63	66	69	45	56.7
	Minimum	38	30	28	32	37	37	35	40	42	42	46	33	36	29	28	39	41	49	49	49	42	38	50	46	36	39	43	36	49	45	37	39.9
Gravette	Maximum	45	46	43	56	52	50	52	47	45	55	63	66	61	42	51	46	56	56	60	62	61	67	65	62	61	58	54	63	64	61	52	55.7
	Minimum	32	22	36	30	32	27	27	37	37	40	45	33	30	21	21	35	37	46	47	50	36	32	34	39	30	36	43	39	48	47	38	35.7
Helena	Maximum	75	52	55	61	60	55	56	51	57	74	71	71	69	66	52	46	52	62	65	75	70	61	67	67	55	60	65	64	65	66	56	60.7
	Minimum	33	32	42	32	32	32	33	39	44	45	57	54	55	36	28	37	41	50	56	58	45	38	55	50	37	34	46	34	47	51	41	42.7
Hope	Maximum	45	45	48	55	60	50	56	48	48	67	67	60	62	46	46	45	49	51	57	65	48	55	74	77	68	72	71	75	64	61	51	57.4
	Minimum	39	32	40	29	31	33	37	40	40	41	52	45	44	34	28	37	40	47	50	43	38	35	50	45	36	32	40	32	49	51	28	39.3
Hot Springs	Maximum	55	52	48	57	57	55	56	46	52	55	67	64	59	57	51	44	50	57	59	62	57	54	70	63	60	56	61	58	62	65	62	56.9
	Minimum	44	32	44	35	37	38	38	42	45	48	53	46	50	37	28	40	43	45	53	56	42	41	52	52	39	38	47	37	43	55	44	43.5
Jonesboro	Maximum	47	50	47	57	58	54	54	[illegible]	47	50	75	64	61	56	52	44	56	64	56	61	61	60	73	68	57	59	63	61	65	61	57	57.8
	Minimum	39	28	40	36	34	35	31	41	39	46	53	45	52	27	34	32	34	41	53	55	46	43	57	56	38	35	42	35	42	55	43	41.5
Lead Hill	Maximum	48	48	44	60	62	54	51	47	51	[illegible]	70	67	61	49	51	45	50	54	58	58	59	65	73	67	58	59	63	63	62	61	59	57.3
	Minimum	36	18	37	26	25	26	21	38	38	35	44	29	37	30	17	26	40	45	49	52	40	32	40	36	24	25	42	23	41	50	32	34.0
Little Rock	Maximum	46	49	45	66	56	54	51	47	52	65	72	61	63	46	49	42	49	60	56	62	53	60	72	68	56	56	63	62	64	67	49	56.5
	Minimum	37	32	39	35	38	39	38	40	45	46	58	48	39	35	33	39	41	49	54	51	43	42	59	39	43	40	45	43	50	49	41	43.2
Lutherville	Maximum	49	53	46	56	60	55	50	46	48	50	69	67	59	50	51	45	49	56	56	60	60	57	72	67	69	56	62	59	60	60	58	56.3
	Minimum	38	28	28	36	30	34	33	39	39	44	49	40	40	29	25	35	38	47	50	51	39	30	47	47	33	35	41	34	46	53	31	39.0
Magnolia	Maximum	52	50	47	61	65	54	50	50	50	64	72	68	73	62	54	49	50	56	60	59	60	64	74	72	65	61	..	71	70	67	59	60.2
	Minimum	40	38	31	31	35	35	41	40	43	[illegible]	59	54	57	37	32	38	41	48	52	52	43	37	55	59	40	37	..	35	51	57	37	43.4
Malvern	Maximum	49	50	48	61	63	57	53	49	51	57	73	66	63	53	54	48	48	59	58	61	55	54	74	71	61	60	64	67	65	67	60	58.7
	Minimum	40	31	40	32	36	33	31	40	41	45	56	42	47	33	28	37	39	46	54	55	39	37	53	55	34	32	59	31	41	59	35	40.7
Mammoth Spring	Maximum	48	47	49	57	55	54	53	[illegible]	[illegible]	54	72	66	62	47	53	47	52	53	60	59	62	68	73	70	58	58	67	58	58	58	57	57.2
	Minimum	37	21	37	37	38	27	22	28	37	42	46	33	45	33	19	20	[illegible]	47	48	52	47	47	52	47	27	29	30	[illegible]	37	54	46	[illegible]
Marianna	Maximum	56	52	52	56	58	57	54	52	54	64	72	71	70	60	51	49	52	65	64	72	73	64	75	71	63	59	61	61	66	65	60	[illegible]
	Minimum	41	30	41	35	23	32	42	41	[illegible]	47	58	54	40	37	30	35	41	41	57	45	46	41	52	55	37	35	37	37	43	35	40	41.5
Marshall	Maximum	47	43	43	51	51	51	52	47	47	51	67	61	61	56	43	41	44	55	55	58	[illegible]	53	[illegible]	67	56	51	64	[illegible]	56	58	58	51.4
	Minimum	35	18	41	30	..	..	..	..	..	..	..	31	41	27	38	31	36	41	47	50	37	33	50	42	26	35	43	26	47	52	33	36.2
Mena	Maximum	47	47	44	58	58	51	45	[illegible]	[illegible]	62	67	69	63	47	56	48	46	55	58	58	47	56	68	67	59	60	65	64	63	64	48	55.5
	Minimum	39	30	26	29	32	34	30	32	40	44	47	39	36	29	25	36	38	46	48	45	38	38	56	45	33	35	43	34	48	47	36	38.6
Mount Ida	Maximum	48	50	47	62	62	51	47	46	53	54	65	61	64	44	45	45	47	55	55	55	55	57	72	68	61	53	60	60	62	66	58	55.8
	Minimum	37	23	34	24	26	28	24	38	40	45	51	34	40	29	26	31	40	46	49	53	37	31	55	42	25	25	36	25	41	53	33	35.9
Newport	Maximum	49	52	45	59	59	55	56	48	50	57	74	67	61	59	49	44	50	57	57	61	61	57	71	71	61	60	65	60	62	64	57	58.1
	Minimum	41	28	40	32	30	32	27	39	42	47	53	42	53	34	26	33	41	49	53	55	46	40	56	54	37	32	40	31	43	51	41	41.0
Pine Bluff	Maximum	[illegible]	59	48	[illegible]	64	51	54	[illegible]	56	55	73	63	69	58	54	44	58	60	58	67	59	63	78	77	60	64	68	70	68	67	60	60.4
	Minimum	40	33	42	35	34	35	36	[illegible]	44	45	55	53	55	37	34	37	40	46	55	58	42	39	60	56	41	36	42	37	46	58	39	43.5
Pocahontas	Maximum	62	51	50	57	56	54	55	50	49	51	76	72	61	56	51	48	51	57	57	60	61	57	74	73	73	59	66	62	60	62	59	59.1
	Minimum	38	26	37	31	30	29	25	37	39	41	50	41	50	32	22	29	40	48	50	53	47	37	53	50	30	30	35	30	40	54	41	38.6
Portland	Maximum	52	48	50	57	59	55	53	51	51	62	69	75	73	62	53	51	53	60	67	66	61	63	76	72	67	62	69	68	66	68	63	61.6
	Minimum	40	39	43	54	32	37	39	41	41	40	60	62	62	40	34	39	43	52	58	60	43	40	56	67	42	33	42	39	46	61	41	45.4
Prescott	Maximum	50	51	48	64	61	57	59	49	49	60	73	67	68	61	55	51	49	55	60	59	54	64	74	73	68	61	67	67	66	67	61	60.0
	Minimum	[illegible]	32	40	31	32	38	35	30	42	43	58	45	56	34	[illegible]	37	39	47	52	41	43	51	59	55	36	34	40	33	45	57	37	42.0
Rison	Maximum	52	51	48	62	63	59	57	56	..	..	..	..	..	..	..	..	73	58	59	65	59	61	74	71	70	65	67	67	64	66	60	61.7
	Minimum	39	31	43	23	34	37	27	40	..	..	..	..	..	..	..	..	33	46	54	56	41	37	56	57	28	35	43	37	48	57	39	42.1
Searcy	Maximum	51	50	45	59	58	56	51	49	50	56	74	67	67	54	50	44	47	56	58	61	62	55	73	70	56	59	65	60	60	64	57	57.6
	Minimum	41	28	39	36	32	32	31	39	41	45	52	42	53	32	26	35	39	46	51	55	42	37	54	51	35	33	33	31	40	54	39	39.9
Stuttgart	Maximum	50	51	49	60	61	55	50	49	51	55	74	67	69	60	51	46	49	62	60	59	58	61	74	71	61	60	65	65	67	65	59	59.4
	Minimum	31	43	35	33	34	33	40	41	45	51	52	54	36	29	35	40	42	46	56	56	39	52	58	37	34	44	34	47	56	40	40	42.5
Sunset	Maximum	..	45	43	57	57	50	50	44	42	52	62	64	58	44	53	44	49	55	56	58	55	60	63	61	61	55	61	60	55	58	49	54.1
	Minimum	30	21	34	31	40	29	35	36	35	39	47	43	30	22	28	33	33	46	45	48	37	37	47	45	40	38	41	41	50	48	31	37.5
Texarkana	Maximum	50	51	47	51	65	67	50	48	52	64	73	65	68	53	54	44	50	51	52	59	53	63	77	71	63	62	69	69	69	68	52	58.9
	Minimum	39	32	39	30	31	26	39	38	39	42	55	58	58	33	28	36	36	44	48	45	46	36	55	53	37	34	45	35	52	52	38	41.6
Thornburg	Maximum	47	50	45	60	65	55	49	45	48	55	73	67	60	50	50	41	45	57	55	61	56	56	72	66	60	58	67	64	62	66	62	57.0
	Minimum	37	21	37	25	25	28	23	38	40	45	53	35	39	29	19	29	37	45	52	53	33	31	55	44	26	28	37	26	46	54	30	36.1
Warren	Maximum	52	48	49	55	58	53	52	52	55	58	70	65	64	70	51	47	50	57	59	58	61	61	72	68	62	58	57	65	63	66	60	58.7
	Minimum	39	33	40	35	33	35	38	40	43	43	55	55	53	37	32	37	41	47	53	52	40	38	57	45	40	35	34	39	46	57	40	42.3
Wilson	Maximum	47	53	48	58	56	54	58	49	47	58	74	66	60	51	50	46	51	71	64	70	68	60	54	66	56	60	60	60	67	62	59	58.9
	Minimum	28	28	35	29	29	27	28	28	42	44	47	52	34	24	24	29	39	48	52	54	39	39	55	34	31	41	32	32	48	42	41	37.6
Wynne	Maximum	46	52	48	55	53	54	57	54	51	57	74	58	64	64	59	45	50	71	59	65	68	60	75	67	64	59	63	60	63	66	60	59.4
	Minimum	36	28	40	32	48	49	26	38	42	45	52	47	52	55	21	35	43	49	51	51	45	37	58	47	42	29	43	31	41	45	46	42.4

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 1-28-32 1020

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVI LITTLE ROCK, ARK., YEAR, 1931 No. 13

GENERAL SUMMARY

Temperature and precipitation records during 1931 were well within the limits established in previous years. Mild weather prevailed during January and February and, although no extremely cold weather was experienced during March, this was the coldest March since 1924. Temperatures continued below normal during April and May with killing frosts occurring as late as April 22d in western and northern sections. The month of June brought temperatures above the average and, although maxima were not unseasonably high during the latter part of June and the first three days of July, more people died from heat prostrations than was ever known before in Arkansas. Much cooler weather prevailed during August but beginning with September temperatures were above normal for the remaining months of the year.

The mean temperature for the year was 62.5° which is 1.3° above normal. Of the 53 stations for which normals have been computed, 3 stations showed negative departures, two were normal, and all others positive. Monthly means for all stations were below normal in March, April, May, and August, while, with only a few exceptions they were above normal during other months. Annual means ranged from 56.3° at Dutton to 65.9° at El Dorado. Extremes ranged from 0° at Corning on January 15th to 107° at Amity on June 30th.

The average precipitation for the State was 46.98 inches which is 1.25 inches below normal. Of the 65 stations with records of 10 years or more, 31 showed negative departures and 34 positive. January was dry, being the third driest on record, but was followed by precipitation above normal in February. The three following months had negative precipitation departures but July was the wettest July since 1905 and was followed by a wet August, especially in the northwestern part of the State. September was dry, this being the driest September since 1928. October was slightly deficient in precipitation but precipitation was excessive in November and December, especially in central and southern sections of the State. From April 1st to September 30th, rainfall was about 81% of the normal with the months of July and August accounting for approximately 50% of the amount for the period. Annual amounts were below normal in the upper watershed of the Ouachita River, in the Ozarks and central portion, and in extreme northeastern and extreme southeastern counties; above in most other sections with the greatest positive departures occurring in counties in the lower Ouachita Basin and in the southwestern portion of the State.

The last killing frost in spring occurred from March 10th to March 17th in most sections of the eastern and southern portions of the State and as late as April 22d in western and northwestern portions where considerable damage resulted to fruit, strawberries, and truck crops. The first killing frost in autumn occurred in many sections either October 31st or November 1st but because of local conditions adjacent stations in central, western, and northeastern counties showed wide variation in injury to vegetation. A number of stations reported killing frost about December 2d but a few in extreme southern counties had no killing frost until in January 1932.

Eleven people were killed and eight injured during electrical storms in May, June, and July and considerable damage resulted from hailstorms in April, May, and June. Tornadoes occurred in April and December in which three people were killed, 33 injured, and the property damage was estimated at $1,273,025. For a detailed account of losses resulting from hailstorms, tornadoes, excessive rains, etc., see tabulated data, page 55.

WEATHER BY MONTHS

January:—Precipitation was 3.10 inches below normal with monthly totals ranging from a trace at Harrison to 3.40 inches at El Dorado. Thirty-four stations reported a measurable amount of snow, the average of which was 1.2 inches. Temperature was somewhat above normal, the lowest being 0° at Corning on the 15th which was the lowest for the year. Positive departures were especially noticeable in northern and northwestern portions.

February:—The mild weather of the latter part of January continued for the most part during February. Farm work advanced rapidly during the first week. Oats were sown and potatoes, truck, and gardens planted in many sections. The frequent rains from the 6th to the 17th prevented much farm work but by the close of the month much land had been prepared and some corn planted in extreme southern counties. Fruit buds were much farther advanced than usual and peaches and plums were blooming in central and southern counties.

March:—Although minimum temperatures were not unusually low, the daily average exceeded the normal for only eight days at both Fort Smith and Little Rock and for only four days at Memphis. Freezing temperatures overspread the State the first of the month with many stations reporting sleet and snow from the 2d to the 4th. The coldest weather occurred in nearly all sections about the 10th of the month. Eighteen stations reported a measurable amount of snow, the average of which was 2.0 inches. Monthly precipitation totals ranged from 2.73 inches at Portland to 6.83 inches at Wynne.

April:—Precipitation was below normal in April, this being the third month this year with a negative precipitation departure. The geographical distribution was irregular with nearby stations showing a wide divergence in monthly totals. Considerable damage to fruit and early strawberries in western and northwestern sections resulted from the frost and freezing temperatures of the 6th and again from the cold spell of the 22d. Much cotton and corn had to be replanted because of the cold, wet soil. Hailstorms did considerable damage in western border counties on the 17th and the 25th.

May:—Precipitation for May was below normal, this being the driest May since 1926. Though some stations in west-central and northwestern portions reported as many as 12 and 13 rainy days, only 6 out of the 65 stations with records of 10 years or more reported precipitation above normal. Cool weather overspread the State on the 6th and 7th bringing freezing temperatures to some western and northwestern stations and light frost to most of the northern half of the State on the 7th. Light frost again occurred in extreme northern counties on the 23d. The weather was too cool for the growth of cotton during most of the month and considerable replanting was necessary. Practically all the corn crop was planted during the first half of the month but growth was slow and some had to be replanted. Wheat, winter oats, and hay crops yielded much better than usual.

June:—Although the mean temperature for the State was above normal, the minimum of 35° at Dutton on the 1st is the lowest temperature ever recorded for the month of June, the next lowest being 37° in June, 1917. The first part of the month was cool but after the 9th temperatures were continuously above normal The geographical distribution of rainfall was very irregular. On the night of the 6th-7th showers with severe local thunderstorms swept over most of the State, causing considerable damage. Hail in the vicinity of Imboden and Ravenden in Lawrence and Randolph counties did damage estimated at $100,000.

July:—The hot weather of the latter part of June continued for the first four or five days of July, the highest temperature recorded being 106° on the 2d and 3d. Precipitation was above normal, this being the wettest July since 1905. Monthly totals ranged from 2.13 inches at Morrillton to 13.00 inches at Whitecliffs. Rainfall was generally light in the western half of the State during the first half of the month but thereafter showers were frequent in nearly all sections. Thunderstorms were unusually severe.

August:—The mean temperature for August was 3.1° below normal, all stations for which normals have been computed showing negative departures. Precipitation was light in the southern half of the State the first 15 days of the month but excessive in the Ozarks and in northern border counties. Showers were frequent the latter half of the month, but the northern half of the State again received the greatest amount. Monthly totals ranged from 1.29 inches at Little Rock to 14.67 inches at Eureka Springs. The weather was favorable for the growth of all crops. The greater portion of the corn crop had matured by the close of the month, the yield being the best for many years. All minor crops yielded abundantly.

September:—This was the driest September since 1928. Showers with locally heavy rains occurred on the 2d and 3d, but thereafter little or no rain fell in west-central, northwestern, and southeastern sections and only scatteringly in other portions. Only two stations reported positive departures. Monthly totals showed wide variation ranging from none at Magnolia to 4.32 inches at Whitecliffs. Temperatures were above normal, this being the warmest September since 1925 and the fifth warmest since 1891.

October:—Unusually warm weather prevailed during the month, the mean temperature being exceeded only by that of October 1897. Temperatures with a few exceptions were above normal until about the 27th but were from 10° to 15° below the latter part of the month. The weather was favorable for cotton, the yield being the best in the history of the State, but meadows, pastures, late corn, and fall truck were damaged by the dry weather. The soil was too dry at the close of the month for fall plowing and seeding. Very little damage resulted from the frosts and freezing temperatures of the 31st as most crops were matured.

Continued on page 56.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1931

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Amt. Snow	Greatest Mo. amount	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	42.3	+ 1.3	76	0	1.14	−3.10	1.2	3.40	5	15	6	10	n.
February	48.2	+ 4.9	75	14	4.77	+1.47	1.0	8.04	8	13	4	11	n.
March	47.5	− 5.1	85	16	4.21	−0.47	2.0	6.83	8	13	5	13	nw.
April	59.1	− 2.4	92	21	2.62	−2.43	0.0	6.43	9	13	7	10	s.
May	65.2	− 3.9	96	27	3.15	−1.66	0.0	6.18	8	15	7	9	s.
June	78.3	+ 1.4	107	35	2.60	−1.50	0.0	6.03	6	19	8	3	s.
July	81.0	+ 0.8	106	48	6.00	+2.25	0.0	13.60	11	12	11	8	s.
August	76.7	− 3.1	103	42	4.71	+0.99	0.0	14.67	9	15	9	7	s.
September	78.4	+ 4.2	102	34	1.00	−2.36	0.0	4.32	3	22	7	1	s.
October	67.1	+ 4.7	98	26	2.35	−0.82	0.0	10.22	4	17	7	7	s.
November	57.6	+ 6.2	88	18	6.34	+2.69	T.	9.19	9	9	6	15	s.
December	48.7	+ 6.2	78	17	7.79	+3.70	T.	23.86	14	9	5	17	ne.
Annual	62.5	− 1.3	107	0	46.98	−1.25	4.2	23.86	94	172	82	111	s.

Corrections: July, 1931

Amity: Total precipitation should be 2.93 inches: England 3.79 inches.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation			Number of days				Wind Direction
	Yearly average	Departure	Highest	Lowest	Yearly average	Departure	Snowfall inches	Clear.	Partly cloudy	Cloudy	Precip.01 or more	
Means and Extremes	**61.2**		**116**	**−29**	**48.23**			**169**	**94**	**102**	**85**	
1891	60.5	−0.7	108	6	44.49	− 3.74	....	180	94	91	94	s.
1892	60.0	−1.2	106	−14	57.75	+ 9.52	....	159	98	109	98	s.
1893	60.7	−0.5	103	−13	47.91	− 0.32	....	185	95	85	75	s.
1894	61.3	+0.1	108	−22	49.05	+ 0.82	....	176	97	92	75	s.
1895	59.8	−1.4	105	−17	44.69	− 3.54	....	167	92	106	83	s.
1896	63.0	+1.8	112	4	37.72	−10.51	5.2	171	97	98	79	s.
1897	62.4	+1.2	111	− 2	46.13	− 2.10	5.4	178	96	91	76	s.
1898	61.4	+0.2	108	− 4	56.82	+ 8.59	3.4	158	106	101	89	s.
1999	60.6	−0.6	112	−25	41.49	− 6.74	7.0	170	105	90	76	s.
1900	62.0	+0.8	108	− 5	49.03	+ 0.80	2.2	150	120	95	92	s.
1901	61.1	−0.1	116	− 6	35.27	−12.96	3.3	175	111	79	65	s.
1902	60.4	−0.8	108	− 2	51.70	+ 3.47	9.3	150	121	94	81	sw.
1903	59.3	−1.9	105	−12	44.62	− 3.61	7.7	162	107	96	84	sw.
1904	60.5	−0.7	105	− 5	43.45	− 4.78	3.5	169	112	85	78	s.
1905	59.5	−1.7	106	−29	62.17	+13.94	15.5	146	107	112	103	sw.
1906	60.2	−1.0	101	− 7	55.99	+ 7.76	5.2	156	96	113	95	sw.
1907	61.7	+0.5	113	− 8	49.73	+ 1.50	2.5	163	91	111	86	s.
1908	62.1	+0.9	103	0	48.88	+ 0.65	5.4	158	100	108	92	sw.
1909	62.1	+0.9	111	−19	44.05	− 4.18	6.8	176	93	96	83	s.
1910	61.0	−0.2	105	−13	45.21	− 3.02	10.8	172	109	84	84	sw.
1911	62.9	+1.7	107	− 9	49.54	+ 1.31	3.0	152	117	96	95	sw.
1912	59.8	−1.4	106	−16	45.83	− 2.40	11.3	171	110	85	81	sw.
1913	61.6	+0.4	108	− 1	54.01	+ 5.78	7.1	158	107	100	89	s.
1914	61.4	+0.2	110	−11	42.85	− 5.38	16.2	149	109	107	82	s.
1915	60.6	−0.6	107	− 3	53.08	+ 4.85	4.7	163	81	121	82	sw.
1916	61.9	+0.7	107	−16	42.18	− 6.05	6.2	191	76	99	75	s.
1917	59.2	−2.0	106	−21	40.72	− 7.51	12.1	187	74	104	75	s.
1918	61.4	+0.2	115	−23	44.64	− 3.59	18.1	174	76	115	75	s.
1919	61.6	+0.4	113	−10	54.52	+ 6.29	3.4	166	75	124	91	s.
1920	60.7	−0.5	105	− 2	54.28	+ 6.05	4.2	174	74	118	90	s.
1921	64.2	+3.0	107	− 3	47.46	− 0.77	15.3	178	85	102	83	s.
1922	62.7	+1.5	111	7	46.50	− 1.73	5.2	170	83	112	87	s.
1923	61.6	+0.4	109	2	59.85	+11.62	9.0	160	82	123	102	s.
1924	60.1	−1.1	110	− 8	37.03	−11.20	14.3	193	68	105	74	n-s
1925	63.0	+1.8	113	− 6	42.19	− 6.04	5.4	184	81	100	74	s.
1926	61.3	+0.1	110	−17	49.24	+ 1.01	12.5	175	79	111	88	s.
1927	63.1	+1.9	105	− 2	65.85	+17.62	11.1	161	85	119	99	s.
1928	61.1	−0.1	105	−10	50.50	+ 2.27	6.0	183	76	107	86	s.
1929	60.5	−0.7	110	−20	46.10	− 2.13	19.9	162	83	120	93	s.
1930	61.7	+0.5	115	−28	46.62	− 1.61	7.8	192	75	98	78	s.
1931	62.5	+1.3	107	0	46.98	− 1.25	4.2	172	82	111	94	s.

KILLING FROSTS, 1931

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	Apr. 22	....	...	Lead Hill	Apr. 22	Nov. 5	197
Arkadelphia	Mar. 17	Dec. 15	273	LITTLE ROCK	Mar. 10	Dec. 2	267
Arkansas City	Mar. 17	Oct. 31	228	Lurton	Apr. 22	Nov. 25	217
Arlberg	Apr. 22	Nov. 1	193	Lutherville	Apr. 22	Oct. 31	192
Batesville	Apr. 22	Oct. 19	180	Madison	Mar. 29	Oct. 31	216
Bee Branch	Apr. 22	Nov. 1	193	Magnolia	Mar. 10	Dec. 4	269
Bentonville	Apr. 22	Oct. 31	192	Malvern	Apr. 22	Oct. 31	192
Big Lake Outlet	Mar. 17	Oct. 31	228	Mammoth Spring	Mar. 17	Nov. 1	229
Black Rock	Mar. 17	Dec. 2	260	Marianna	Mar. 29	Dec. 2	248
Blytheville	Mar. 17	Oct. 31	228	Marked Tree	Mar. 18	Nov. 7	234
Booneville	Apr. 22	Nov. 1	193	Marshall	Apr. 22	Oct. 31	192
Brinkley	Mar. 17	Nov. 1	229	Mena	Mar. 29	Dec. 15	261
Calico Rock	Apr. 6	Nov. 1	209	Morrillton	Mar. 10	Dec. 15	280
Camden	Apr. 6	Oct. 31	208	Mountain Home	Mar. 17	Nov. 1	229
Carthage	....	Nov. 1	...	Mount Ida	Apr. 22	Oct. 31	192
Centerpoint	Mar. 29	*Jan. 2	279	Newport	Mar. 17	Nov. 1	229
Clarendon	Mar. 17	Nov. 1	229	Norman	Apr. 23	Oct. 31	191
Clinton	Apr. 22	Nov. 1	193	Oden	Apr. 22	Nov. 1	193
Conway	Mar. 10	Nov. 1	236	Okay	Apr. 22	Dec. 4	226
Corning	Mar. 17	Nov. 6	234	Osceola	Mar. 17	Dec. 7	265
Cotter	Mar. 17	Nov. 5	233	Ozark	Mar. 28	Dec. 2	249
Crossett	Mar. 17	*Jan. 2	291	Paragould	Mar. 17	Dec. 2	260
Danville	Mar. 16	Nov. 1	230	Parkin	Mar. 17	Dec. 2	260
Dardanelle	Mar. 16	Dec. 2	261	Patterson	Mar. 17	Dec. 2	260
De Valls Bluff	Mar. 29	Dec. 15	261	Piggott	Mar. 17	Nov. 6	234
Dumas	Mar. 29	Nov. 1	217	Pine Bluff	Mar. 17	Dec. 15	273
Dutton	Apr. 22	Oct. 31	192	Pocahontas	Mar. 17	Dec. 2	260
El Dorado	Mar. 10	*Jan. 30	326	Portland	Mar. 17	Nov. 1	229
England	Mar. 10	Nov. 1	236	Prescott	Mar. 29	Nov. 1	217
Eureka Springs	Apr. 22	Nov. 25	217	Rison	Mar. 29	Nov. 1	217
Fayetteville	Apr. 22	Oct. 31	192	Rogers	Apr. 22	Nov. 1	193
Fort Smith	Mar. 29	Dec. 2	248	Saint Charles	....	Nov. 1	...
Freeman Spr.	Apr. 22	Nov. 1	193	Saint Francis	Mar. 17	Nov. 6	234
Fulton	Apr. 22	Oct. 31	192	Searcy	Mar. 17	Nov. 1	229
Georgetown	Mar. 10	Nov. 1	236	Springbank	Apr. 22	Nov. 1	193
Gilbert	Apr. 22	Nov. 1	193	Story	Apr. 23	Nov. 1	192
Grannis	Apr. 22	Oct. 31	192	Stuttgart	Mar. 28	Oct. 31	217
Gravette	May 7	Nov. 1	178	Subiaco	Mar. 29	Dec. 2	248
Harrison	Mar. 31	Dec. 2	246	Texarkana	Apr. 22	Dec. 15	237
Helena	Apr. 22	Oct. 31	192	Thornburg	Apr. 23	Nov. 1	192
Higden	Apr. 22	Oct. 20	181	Waldron	Mar. 29	*Jan. 7	284
Highland	Mar. 29	Dec. 4	250	Warren	Mar. 10	*Jan. 3	299
Hope	Apr. 22	Nov. 1	193	Waters	Apr. 22	Nov. 1	193
Hot Springs	Mar. 28	Dec. 15	262	Whitecliffs	Apr. 22	Dec. 15	237
Index	Apr. 22	Dec. 15	237	Wilson	Mar. 17	Oct. 31	228
Jessieville	Apr. 23	Oct. 31	191	Winslow	Apr. 22	....	...
Jonesboro	Mar. 17	Dec. 2	260	Wynne	Mar. 17	Oct. 31	228
Junction	Mar. 29	Nov. 1	217	Yancopin	Mar. 29	Dec. 2	228

*1932.

Climatological Data for Year, 1931

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	700	32	63.0	107	June 30	18	Jan. 15	36	39.96	7.24	Nov.	0.62	Apr.	T.	...	...	...	...	...
Arkadelphia	Clark	250	...	...	...	...	...	...	35	46.23	10.56	Dec.	0.49	Jan.	0.0	111	201^{a}	41^{a}	122^{a}	n.
Arkansas City	Desha	145	...	...	...	...	...	...	47	50.35	16.42	Dec.	0.30	Sept.	0.0	91	189	42	134	...
Arlberg	Stone	700	...	...	...	...	...	...	9	44.89	7.26	July	0.55	Jan.	1.6	58	143^{a}	115^{a}	106^{a}	ne.
Batesville	Independence	277	25	59.1	102	July 2	8	Jan. 15	32	50.37	9.96	Dec.	0.71	Jan.	1.0	104	194	41	130	se.
Bee Branch	Van Buren	700	38	61.8	104	July 1	13	Jan. 14	39	48.51	9.78	Dec.	0.25	Sept.	1.0	95	166	70	129	s.
Bentonville	Benton	1303	26	59.5	98	July 4	8	Jan. 14	26	43.33	8.36	Oct.	0.53	Sept.	5.0	107	244	48	73	s.
Big Lake Outlet‡‡	Mississippi	...	...	...	...	...	...	...	1	41.66	7.10	Dec.	0.36	June	...	...	...	...	...	...
Black Rock	Lawrence	259	...	...	...	...	...	...	29	48.87	8.70	Dec.	0.51	Sept.	1.5	99	222	21	122	s.
Blytheville	Mississippi	252	6	64.4	102	June 2†	14	Jan. 14	6	53.49	14.25	Aug.	1.05	Sept.	1.0	99	126	78	161	s.
Booneville	Logan	465	17	63.5	106	July 3	16	Jan. 14	17	40.96	8.09	Aug.	0.47	Jan	T.	101	160	104	101	w.
Brinkley	Monroe	205	44	63.2	104	June 30	16	Jan. 14†	44	49.54	10.01	July.	0.56	Sept.	T.	103	192	73	100	ne.
Calico Rock	Izard	361	17	60.1	102	July 29†	9	Jan. 15	27	43.99	8.03	Aug.	0.31	Sept.	1.5	107	111	172	82	nw.
Camden	Ouachita	158	40	63.1	105	July 2	20	Jan. 14†	46	52.59	11.83	Dec.	0.74	Oct.	0.0	98	170	57	138	sw.
Center Point	Howard	470	28	64.9	102	July 2†	16	Jan. 14	32	45.59	7.32	Nov.	0.66	Jan.	T.	109	160	108	97	se.
Clarendon	Monroe	200	...	...	...	...	...	...	27	47.96	8.98	Dec.	0.42	Sept.	T.	120	169	47	149	n.
Clinton	Van Buren	516	...	...	...	...	...	...	10	45.62	6.49	Nov.	0.70	Jan.	0.8	79	169	104	92	sw.
Conway	Faulkner	309	33	63.5	103	July 1	16	Jan. 15	48	43.24	7.46	Dec.	1.09	Jan.	1.5	97	206	77	82	e.
Corning	Clay	293	31	61.0	106	June 30	0	Jan. 15	38	45.01	10.07	Aug.	0.90	Jan.	5.0	88	203	42	120	sw.
Cotter	Baxter	408	...	...	...	...	...	...	4	39.00	9.05	Aug.	0.20	Sept.	1.5	77	199	61	105	nw.
Crossett	Ashley	175	16	64.8	103	June 30	20	Jan. 15†	16	56.92	20.47	Dec.	0.87	Sept.	0.0	101	156	78	131	s.
Danville	Yell	327	...	...	...	...	...	...	15	45.75	6.86	Nov.	0.66	Sept.	0.5	69	198	17	150	s.
Dardanelle	Yell	330	19	63.7	104	July 2	17	Jan. 14†	45	41.55	5.85	July	0.18	Sept.	T.	96	130	124	111	s.
De Valls Bluff	Prairie	153	...	...	...	...	...	...	4	50.16	8.73	Dec.	0.54	Sept.	0.0	91	217	34	114	...
Dumas	Desha	162	17	64.6	105	June 29	20	Jan. 15	25	57.54	20.67	Dec.	0.51	Sept.	0.0	90	111	151	103	s.
Dutton	Madison	1590	18	56.3	97	July 2	4	Jan. 14	28	41.75	8.04	Feb.	0.56	Sept.	...	...	...	...	...	s.
El Dorado	Union	270	27	65.9	102	June 30	20	Jan 14	30	59.68	23.86	Dec.	0.88	Sept.	0.0	102	110	99	156	se.
England	Lonoke	229	18	63.5	102^{b}	June 30	19^{a}	Jan. 15	24	43.47	8.03	Dec.	1.30	June	T.	..	180^{m}	74^{m}	98^{m}	s.
Eureka Springs	Carroll	1465	30	61.0	100	July 2	5	Jan. 14	31	53.45	14.67	Aug.	0.72	Jan.	3.5	101	179	86	100	sw.
Fayetteville	Washington	1451	40	60.2	100	July 2	8	Jan. 14	44	41.90	5.88	Oct.	0.57	Jan.	3.8	123	166	104	95	s.
Fort Smith	Sebastian	457	50	63.3	102	July 1	16	Jan. 14	50	41.60	8.71	Aug.	0.48	Jan.	0.4	107	147	105	113	e.
Freeman Springs‡‡	Pope	2240	...	...	...	...	...	...	7	44.80	6.71	Feb.	0.33	Jan.	4.1	103	200	65	100	s.
Fulton	Hempstead	260	...	...	...	...	...	...	45	45.71	8.24	Dec.	0.93	Jan.	0.0	81	183	56	126	...
Georgetown	White	200	...	...	...	...	...	...	19	50.64	9.19	Nov.	0.12	Sept.	0.5	94	179	38	148	...
Gilbert	Searcy	675	...	...	...	...	...	...	8	41.28	7.64	Aug.	0.25	Sept.	T.	100	147	138	80	...
Grannis	Polk	900	11	60.9	102	July 2	10	Jan. 14	12	50.30	9.68	July	0.67	Jan.	T.	112	166	103	96	e.
Gravette	Benton	1250	33	59.9	98	July 4†	7	Jan. 14	34	49.94	10.22	Oct.	0.52	Dec.	6.0	93	158	108	99	sw.
Harrison	Boone	1052	30	...	...	...	8	Jan. 14	30	...	...	...	T.	Jan.	...	...	...	...	...	...
Helena	Phillips	250	37	64.0	104	July 1	16	Jan. 15	59	53.82	13.07	Dec.	0.35	Sept.	T.	108	100	127	138	sw.
Higden	Cleburne	445	...	...	...	...	...	...	13	46.48	7.16	Dec.	0.15	Sept.	1.7	102	120	148	97	w.
Highland	Pike	...	2	65.0	103	July 5	18	Jan. 14†	2	45.26	8.03	Dec.	0.78	Sept.	0.0	93	148	131	86	s.
Hope	Hempstead	377	25	64.4	106	July 2	19	Jan. 14†	60	46.78	10.19	July	0.74	May	0.0	88	195	71	99	s.
Hot Springs	Garland	600	34	64.3	98	June 30	22	Jan. 15	40	56.23	9.23	Dec.	0.93	Jan.	T.	95	143	156	66	...
Index‡‡	Little River	275	...	...	...	...	...	...	6	45.09	9.04	July	1.03	Jan.	0.0	101	168	39	158	...
Jessieville	Garland	750	...	...	...	...	...	...	5	43.92	7.20	Nov.	0.91	Sept.	1.0	...	152	130	83	...
Jonesboro	Craighead	345	35	63.1	104	June 28†	11	Jan. 15	36	45.12	8.12	Dec.	0.77	Sept.	0.9	103	187	107	71	sw.
Junction	Union	182	37	65.0	101	June 29†	22	Jan. 19	37	52.74	22.41	Dec.	0.69	Sept.	0.0	...	...	...	...	...
Lead Hill	Boone	650	4	59.8	105	July 1	1	Jan. 14†	4	43.13	10.86	Aug.	0.21	Sept.	1.8	108	216	44	105	w.
LITTLE ROCK	Pulaski	357	52	63.7	102	June 30	20	Jan. 14	52	45.63	9.14	Dec	0.64	Sept.	T.	119	128	94	143	s.
Lurton	Newton	2100	6	57.6	95^{a}	July 2	6	Jan. 14	6	48.14	6.30	Apr.	0.51	Sept.	5.3	129	175^{g}	82^{g}	101^{g}	s.
Lutherville‡‡	Johnson	775	33	62.3	102	July 4	12	Jan 14	33	37.91	6.77	Feb.	0.48	Jan.	2.6	104	175	75	115	e.
Madison	St. Francis	...	...	...	...	...	...	...	1	46.36	9.90	July	0.61	June	...	...	...	...	...	...
Magnolia	Columbia	315	12	65.7	102	July 1†	20	Jan. 14	12	50.75	15.58	Dec.	0.00	Sept.	T.	70	127^{i}	128^{i}	101^{i}	ne.
Malvern	Hot Springs	277	43	63.7	103	June 29†	16	Jan. 14	44	53.66	10.72	Dec.	0.62	Sept.	0.0	113	231	50	84	s.
Mammoth Spring	Fulton	600	27	60.2	101	June 29	6	Jan. 15	27	41.38	6.54	July	0.66	Jan.	0.2	61	201	76	88	sw.
Marianna	Lee	235	19	63.8	101	June 28†	16	Jan. 15	19	40.53	8.24	Dec.	0.40	June	T.	94	129	173	63	s.
Marked Tree	Poinsett	229	15	61.5	103	June 28†	10	Jan. 15	26	51.92	8.97	Dec.	1.14	June	T	104	165	134	66	n.
Marshall	Searcy	1070	16	59.2	101	July 29	10	Jan. 14	17	42.19	8.65	Aug.	0.13	Sept.	T.	103	173	67	125	sw.
Mena	Polk	1185	39	62.3	100	July 2†	13	Jan. 14	43	49.79	5.92	Nov.	0.39	Jan.	0.5	116	161^{a}	100^{a}	103^{a}	sw.
Morrillton	Conway	347	10	62.5	106	June 30†	19	Jan. 14†	10	42.74	8.48	Dec.	0.74	Sept.	T.	70	175	82	108	se.
Mountain Home	Baxter	800	17	60.4	102	June 29†	5	Jan. 14	17	41.22	7.11	Aug.	0.23	Sept.	2.2	88	188^{c}	46^{c}	128^{c}	s.
Mount Ida	Montgomery	650	17	61.2	104	July 1†	11	Jan. 15	32	44.28	6.92	Nov.	0.85	Sept.	0.0	78	164	82	119	sw.
Newport	Jackson	231	43	62.5	104	June 29†	14	Jan. 14†	47	50.11	9.60	Dec.	0.67	Sept.	1.5	108	189	70	106	n.
Norman	Montgomery	750	...	...	...	...	...	...	4	43.69	8.02	Dec.	0.76	Sept.	T.	71	150^{a}	133^{a}	81^{a}	...
Oden	Montgomery	800	...	...	...	...	...	...	5	37.09	5.60	Dec.	0.20	Jan.	T.	76	...	...	...	sw.
Okay	Howard	288	2	64.2	103	June 25†	14	Jan. 14	2	50.50	10.78	July	0.83	Jan.	0.0	101	151	108	106	s.
Osceola	Mississippi	240	28	63.7	104	June 28†	15	Jan. 15†	33	39.97	6.98	Nov.	0.88	June	0.5	72	152	128	85	s.
Ozark	Franklin	396	35	62.0	103	July 1†	12	Jan. 20	35	45.58	8.78	Aug.	0.34	Sept.	0.2	100	211^{a}	24^{a}	129^{a}	e.
Paragould	Greene	301	...	...	...	...	...	...	5	46.02	8.24	Aug.	0.67	June	2.5	74	219	72	74	se.
Parkin	Cross	...	...	...	...	...	...	...	1	46.78	10.20	Dec.	0.59	Sept.	...	...	...	...	...	...
Patterson	Woodruff	196	...	...	...	...	...	...	15	53.17	9.54	Dec.	0.50	Sept.	0.0	78	230	18	117	s.
Piggott	Clay	307	...	...	...	...	...	...	7	44.40	7.24	Nov.	1.14	Jan.	1.2	106	...	...	...	sw.
Pine Bluff	Jefferson	215	43	64.6	100	July 1	18	Jan. 14†	44	51.15	11.80	Dec.	0.26	Sept.	T.	112	163	98	104	sw.
Pocahontas	Randolph	309	37	61.7	104	June 30	5	Jan. 15	38	49.15	7.01	Dec.	1.09	Jan.	3.0	91	140	87	138	sw.
Portland	Ashley	122	25	64.8	104	June 29	21	Jan. 14†	25	43.65	18.42	Dec.	0.02	Sept.	0.0	87	133	98	134	s.
Prescott	Nevada	329	42	64.9	102	June 30†	18	Jan. 14†	43	48.96	9.03	Dec.	0.82	Jan.	0.0	103	191	62	112	s.
Rison	Cleveland	243	24	65.0	104	June 29†	19	Jan. 15†	30	53.21	10.62	Dec.	0.33	Sept.	0.0	...	180^{k}	86^{k}	88^{k}	sw.
Rogers	Benton	1385	38	60.0	102	July 2	7	Jan. 14	40	44.17	9.63	July	0.46	Jan.	3.3	87	180	71	114	sw.
St. Francis	Clay	290	...	...	...	...	...	...	4	42.85	7.02	Nov.	0.59	June	2.0	74	207	65	93	...
Searcy	White	236	16	61.9	102	June 29	14	Jan. 15	22	50.73	13.48	Dec.	0.80	Sept.	1.5	106	235	25	105	sw.
Springbank‡‡	Miller	240	...	...	...	...	...	...	24	50.64	11.24	Dec.	0.65	Sept.	0.0	107	174	33	158	...
Story	Montgomery	700	...	...	...	...	...	...	7	43.42	8.98	Dec.	0.77	Sept.	0.0	89	194	79	92	s.
Stuttgart	Arkansas	228	41	64.0	103	June 29	19	Jan. 13†	44	51.11	10.88	Dec.	0.92	Sept.	T.	104	172	76	117	s.
Subiaco	Logan	1050	34	63.0	105	July 2	15	Jan. 14	34	45.62	6.61	Aug.	0.43	Jan.	T.	106	153	87	125	s.
Texarkana	Miller	332	45	64.5	104	July 2	17	Jan. 14†	45	49.16	8.04	July	0.90	Sept.	0.0	73	171	65	128	s.
Thornburg	Perry	650	7	61.0	103	July 2	9	Jan. 15	7	47.40	7.24	Dec.	1.53	Jan.	T.	108	150	124	91	s.
Waldron	Scott	675	...	...	...	...	...	...	12	42.30	7.67	Feb.	0.44	Sept.	1.0	89	128	97	140	se.
Warren	Bradley	206	37	64.7	102	June 29†	19	Jan. 14†	37	62.27	21.54	Dec.	0.72	Sept.	T.	95	160	154	51	sw.
Waters	Montgomery	800	...	...	...	...	...	...	7	41.00	6.10	Dec.	0.45	Sept.	T.	58	144	96	125	w.
Whitecliffs	Little River	290	...	...	...	...	...	...	27	53.25	13.00	July	0.62	Jan.	0.0	89	150	57	158	se.
Wilson	Mississippi	237	6	61.7	103	June 30	13	Jan. 14†	6	46.37	10.44	Dec.	0.78	Sept.	T.	91	222	44	97	s.
Wynne	Cross	250	19	62.4	101	June 29†	15	Jan. 14	23	58.94	10.58	Dec.	0.65	Oct.	T.	77	183	97	85	n.
Yancopin	Desha	167	...	...	...	...	...	...	7	53.20	19.28	Dec.	0.29	Sept.	T.	105	146	79	140	...

The departures from normal temperature and precipitation are computed only for stations having ten or more years record, but all complete reports are used in determining section means. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing: for example, ^{b} represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:-Big Lake Outlet, Manilla, Ark., Freeman Springs, Dover, Ark., Index, Route 5, Texarkana, Ark., Lutherville, R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark.

Monthly and Annual Mean Temperatures for the Year 1931, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	43.0	- 0.1	48.7	+ 4.7	47.8	- 6.3	58.6	- 3.6	65.3	- 4.3	79.0	+ 1.9	82.4	+ 1.6	78.2[a]	- 2.0	79.2	+ 4.6	68.0	+ 4.9	57.7	+ 5.8	47.6	+ 4.5	63.0	+ 1.0
Batesville	37.2	- 0.7	43.0	+ 2.1	43.9	- 6.8	55.4	- 3.9	61.8	- 5.1	75.2	- 0.6	78.8	- 0.9	74.8	- 4.3	76.0	+ 3.4	63.2	+ 2.5	54.6	+ 5.3	45.0	+ 4.8	59.1	- 0.3
Bee Branch	40.1	0.0	47.2	+ 4.7	46.8	- 5.1	56.2	- 2.7	64.4	- 3.9	77.6	+ 0.9	81.3	+ 0.9	76.5	- 3.1	77.8	+ 3.7	66.6	+ 4.4	56.7	+ 5.9	48.3[b]	+ 6.4	61.8	+ 1.0
Bentonville	39.8	+ 3.6	45.4	+ 5.8	42.7	- 5.6	54.8	- 2.8	61.4	- 3.8	75.8	+ 2.4	79.0	+ 1.6	73.9	- 3.3	76.1	+ 5.7	64.3	+ 5.3	55.4	+ 7.2	45.5	+ 7.1	59.5	+ 1.9
Blytheville	43.8	......	49.6	......	50.3	......	63.1	......	69.2	......	81.0	......	81.3	......	77.1	......	78.8	......	68.2	......	58.8	......	51.4	......	64.4	......
Booneville	43.1	+ 2.8	49.1	+ 3.1	47.8	- 6.0	59.1	- 3.1	65.9	- 4.1	79.0	+ 1.7	83.7	+ 1.9	78.2	- 3.7	79.4	+ 3.8	68.9	+ 6.5	58.4	+ 6.2	48.9	+ 5.9	63.5	+ 1.2
Brinkley	42.4	+ 0.6	49.0	+ 5.1	48.1	- 5.3	60.6	- 1.3	65.8	- 3.9	79.0	+ 1.3	81.2	+ 0.6	76.8	- 3.4	78.4	+ 4.0	67.6	+ 5.1	58.4	+ 6.7	50.8	+ 7.2	63.2	+ 1.4
Calico Rock	38.4	+ 2.6	43.4	+ 1.7	43.8	- 4.5	55.6	- 3.2	62.5	- 4.3	77.4	+ 1.6	80.8	+ 0.9	75.8	- 3.1	77.6	+ 5.1	64.2	+ 4.0	55.4	+ 7.4	46.0	+ 6.9	60.1	+ 1.8
Camden	43.6	- 0.6	49.4	+ 2.2	48.2	- 7.0	59.5	- 3.8	66.1	- 4.4	78.4	+ 0.3	81.2	+ 0.3	77.3	- 3.1	78.6	+ 3.4	67.3	+ 3.7	58.2	+ 5.3	49.0	+ 3.6	63.1	0.0
Center Point	45.8	+ 1.2	52.0	+ 5.1	50.6	- 5.7	61.8	- 1.2	67.4	- 3.5	79.8	+ 1.0	82.8	+ 0.8	78.8	- 3.3	80.4	+ 3.6	70.3	+ 4.8	59.2	+ 5.0	50.3	+ 5.2	64.9	+ 1.1
Conway	42.5	+ 2.0	49.0	+ 5.4	48.5	- 4.4	60.4	- 1.7	66.3	- 3.1	79.3	+ 1.9	83.0	+ 2.1	77.7	- 2.7	79.6	+ 5.3	65.4	+ 6.5	58.5	+ 7.7	49.2	+ 6.6	63.5	+ 2.1
Corning	38.2	+ 0.8	44.1[a]	+ 4.6	44.6	- 6.4	57.9	- 2.0	63.5	- 4.5	78.0	+ 2.3	81.5	+ 2.1	76.4	- 1.9	77.5	+ 5.1	64.6	+ 4.9	56.9	+ 8.5	48.4	+ 8.6	61.0	+ 1.9
Crossett	44.8	+ 0.7	49.9[a]	+ 3.1	49.9	- 6.7	61.2	- 2.6	68.0	- 3.7	79.5	+ 0.9	82.0[a]	+ 0.4	78.6	- 2.8	80.6	+ 5.5	70.3	+ 5.2	61.3	+ 7.5	51.2	+ 4.8	64.8	+ 1.0
Dardanelle	42.7	+ 2.2	49.6	+ 5.3	49.0	- 3.8	60.4	- 1.8	66.9	- 3.0	79.1	+ 1.1	82.9	+ 1.4	78.4	- 2.1	80.0	+ 4.7	68.6	+ 5.6	58.4	+ 6.6	48.9	+ 6.9	63.7	+ 1.9
Dumas	44.5	+ 0.6	50.8	+ 3.5	49.6	- 6.4	61.5	- 0.9	67.7	- 3.5	80.9	+ 2.4	82.5	+ 0.9	79.0	- 2.2	80.4	+ 4.8	68.6	+ 3.9	58.9	+ 5.4	50.6	+ 4.4	64.6	+ 1.1
Dutton	36.6	+ 1.0	41.9	+ 3.4	40.8	- 6.5	52.2	- 4.0	58.6	- 6.0	71.0	- 0.5	75.0	0.0	70.2	- 4.5	72.0[a]	+ 3.2	60.4	+ 2.7	52.8[d]	+ 5.5	44.0	+ 6.6	56.3	+ 0.2
El Dorado	47.1	+ 1.1	53.3	+ 4.6	51.6	- 4.9	62.8	- 1.5	68.2	- 3.0	79.8	+ 0.4	82.6	+ 0.6	79.8	- 2.0	81.6	+ 4.8	71.4	+ 6.0	61.4	+ 6.6	51.6	+ 5.2	65.9	+ 1.5
England	43.2[a]	+ 0.5	50.2	+ 3.5	48.7[f]	- 5.9	61.4[b]	- 1.4	66.2	- 3.6	79.0[b]	+ 1.1	80.7[a]	- 0.7	77.0	- 3.6	78.9	+ 3.6	67.7[a]	+ 4.1	58.6	+ 5.4	50.6	+ 6.8	63.5	+ 0.8
Eureka Springs	42.2	+ 4.4	46.8	+ 6.0	44.4	- 5.9	56.8	- 2.2	62.6	- 3.9	77.2[a]	+ 3.2	79.9	+ 1.8	74.8	- 3.4	77.3	+ 5.4	65.6	+ 5.1	57.0	+ 6.9	47.0	+ 7.4	61.0	+ 2.1
Fayetteville	40.1	+ 2.8	45.8	+ 5.7	43.8	- 5.7	55.2	- 3.8	62.4	- 3.9	76.2	+ 2.0	79.8	+ 1.8	74.4	- 3.8	76.6	+ 4.6	65.6	+ 5.1	56.4	+ 7.0	46.4	+ 6.6	60.2	+ 1.6
Fort Smith	43.1	+ 3.6	49.1	+ 6.5	47.2	- 5.4	59.0	- 2.8	65.5	- 4.1	79.7	+ 2.2	83.3	+ 1.8	78.0	- 2.5	79.5	+ 5.6	68.4	+ 5.6	58.3	+ 7.8	48.3	+ 6.2	63.3	+ 2.0
Grannis	41.9	+ 1.4	47.6	+ 2.0	46.4	- 5.3	57.0	- 3.5	62.4	- 4.7	75.0	- 0.1	79.0	+ 0.3	74.9	- 4.3	75.9	+ 1.9	67.0	+ 4.3	55.8	+ 4.7	48.0	+ 3.5	60.9	1.0
Gravette	39.4	+ 3.0	45.8	+ 7.2	42.9	- 6.3	54.9	- 2.4	62.0	- 3.4	76.0	+ 2.6	79.8	+ 2.5	74.0	- 3.4	77.0	+ 6.2	65.6	+ 6.0	55.4	+ 6.5	45.7	+ 7.7	59.9	+ 2.2
Harrison	37.3	+ 1.1	41.0	+ 2.9	46.1	- 2.7	......	......	......	......	......	......	......	......	......	......	75.3	+ 5.1	63.4	+ 3.8	54.6[a]	+ 6.2	44.4[a]	+ 6.8	......	......
Helena	44.1	+ 1.8	50.6	+ 5.7	48.2	- 5.5	61.0	- 2.0	66.6	- 4.2	79.5	+ 1.2	80.2	- 1.2	77.6	- 2.7	79.4	+ 4.3	69.2	+ 6.4	59.6	+ 7.2	51.7	+ 7.3	64.0	+ 1.6
Highland	45.8	......	52.0	......	49.6	......	61.1	......	68.0	......	79.6	......	82.4	......	79.3	......	80.2	......	70.6	......	61.1	......	50.2	......	65.0	......
Hope	48.6	+ 4.4	52.4	+ 4.5	50.4	- 5.0	61.6	2.3	68.1	- 3.1	80.0	+ 1.7	83.0	+ 2.1	78.4	- 1.9	80.0	+ 5.3	66.7	+ 3.1	55.8	+ 2.1	48.4	+ 1.4	64.4	+ 1.0
Hot Springs	44.5	+ 1.5	50.9	+ 4.0	49.0	- 4.5	60.6	- 2.4	68.4	- 1.2	79.8	+ 2.2	82.0	+ 0.7	79.0	- 1.3	79.5	+ 4.3	68.4	+ 4.3	59.4	+ 7.0	50.2	+ 6.8	64.3	+ 1.7
Jonesboro	42.4	+ 2.3	47.8	+ 5.8	47.4	- 5.0	60.9	- 0.4	65.7	- 3.8	80.4	+ 2.9	81.6	+ 0.7	77.4	- 2.6	79.2	+ 4.9	67.0	+ 4.5	57.8	+ 6.6	49.6	+ 8.6	63.1	+ 2.0
Junction	47.4	+ 1.5	52.7	+ 4.8	52.8	- 4.1	60.2	- 4.1	68.7	- 3.0	79.9	+ 0.7	81.8	+ 0.1	79.1	- 2.0	80.5	+ 4.8	70.4	+ 6.2	54.9	+ 1.3	51.6	+ 5.2	65.0	+ 1.0
Lead Hill	38.2	......	44.6	......	44.2	......	55.6	......	61.9	......	77.2	......	81.0	......	74.9	......	75.4	......	63.4	......	55.8	......	45.6	......	59.8	......
LITTLE ROCK	44.1	+ 2.7	49.6	+ 4.7	48.2	- 4.8	60.6	- 1.5	66.0	- 4.3	80.1	+ 2.7	81.7	+ 0.8	77.8	- 2.0	79.9	+ 5.8	68.2	+ 4.6	58.8	+ 6.7	49.8	+ 5.6	63.7	+ 1.7
Lurton	38.6	......	42.7	......	41.2	......	54.6	......	59.3[c]	......	73.2[a]	......	77.0[a]	......	71.0[c]	......	74.8[a]	......	62.3[a]	......	53.0	......	43.7	......	57.6	......
Lutherville	41.8	+ 1.9	47.8	+ 5.6	46.9	- 5.0	58.0	- 2.1	61.3	- 3.6	78.2	+ 2.5	81.6	+ 1.9	76.2	- 3.4	79.4	+ 5.5	68.0	+ 6.8	57.4	+ 6.5	47.6	+ 5.9	62.3	+ 1.8
Magnolia	46.8	+ 1.4	53.2[a]	+ 1.9	52.0	4.3	62.0	2.5	67.6[a]	- 3.9	79.8	+ 0.7	82.6	+ 0.8	78.7[d]	- 3.2	81.2	+ 4.0	71.0[a]	+ 5.1	61.4[a]	+ 6.8	51.8[a]	+ 3.0	65.7	+ 0.8
Malvern	43.4	+ 0.7	49.7	+ 4.0	49.6	- 4.4	60.6	- 1.3	66.7	- 2.9	79.2	+ 1.5	82.3	+ 1.2	77.6	- 2.5	79.4	+ 4.6	68.6	+ 5.6	58.1	+ 5.8	49.7	+ 5.6	63.7	+ 1.5
Mammoth Spring	39.2	+ 2.3	45.1	+ 5.3	45.4	- 4.6	57.8	- 1.3	62.1	- 3.9	76.4	+ 2.2	79.6	+ 1.4	71.8	- 2.6	75.4	+ 4.0	62.6	+ 4.0	56.0	+ 7.7	47.6	+ 8.6	60.2	+ 2.0
Marianna	43.6	+ 2.1	48.9	+ 3.8	49.2	- 4.8	60.9	- 1.7	67.0	- 3.5	80.0	+ 1.3	80.1	- 1.1	77.6	- 2.7	79.0	+ 5.0	67.7	+ 4.5	59.8	+ 7.7	51.2	+ 7.8	63.8	+ 1.6
Marked Tree	40.3[h]	+ 2.0	45.6	+ 1.8	45.0	- 6.1	58.6	- 3.0	65.0	- 4.0	79.2	+ 1.3	80.5	- 0.4	76.5	- 2.7	77.2	+ 3.7	65.4	+ 3.9	55.8	+ 7.0	48.6	+ 7.8	61.5	+ 1.0
Marshall	39.6	+ 1.1	44.4	+ 0.4	44.4	- 7.4	55.8	- 4.9	62.4	- 4.8	75.2	- 0.3	77.5	- 1.4	72.6	- 6.0	74.2	+ 2.0	63.4	+ 1.8	55.0	+ 4.1	45.3[d]	+ 3.3	59.2	- 0.9
Mena	42.7	+ 1.5	48.8	+ 4.8	47.3	- 5.1	58.8	- 2.9	65.0	- 3.8	77.2	+ 0.7	81.0	+ 0.8	76.6	- 3.1	78.6	+ 4.7	66.0	+ 5.5	56.8	+ 4.8	47.0	+ 4.3	62.3	+ 1.0
Morrillton	40.2	......	47.2	......	46.4	......	58.6	......	65.6	......	79.4	......	83.2	......	77.9	......	79.6	......	68.0	......	57.5	......	46.6	......	62.5	......
Mountain Home	40.2	+ 3.1	45.5	+ 4.0	44.8	- 5.5	57.2	- 2.1	62.2	- 4.0	77.0	+ 2.9	78.1	+ 0.1	74.0[b]	- 3.8	78.0	+ 7.1	61.6[a]	+ 4.8	56.4	+ 7.6	46.4	+ 6.8	60.4	+ 1.8
Mount Ida	41.0	+ 0.6	47.3	+ 1.4	46.3	- 6.4	57.1	- 4.4	64.9	- 3.4	75.6	- 0.3	80.9	+ 1.4	76.1	- 3.3	77.3	+ 4.2	65.6	+ 4.0	56.2	+ 5.9	45.8	+ 2.7	61.2	+ 0.2
Newport	41.1	+ 1.9	47.4	+ 5.2	47.4	- 4.8	59.8	- 2.2	65.2	- 4.8	79.2	+ 1.3	81.7	+ 0.4	78.6	- 3.4	78.2	+ 4.0	66.9	+ 5.2	57.2	+ 6.4	49.6	+ 7.6	62.5	+ 1.4
Okay	45.0	......	51.6	......	50.6	......	60.7	......	67.2	......	78.2	......	82.3	......	77.8	......	78.8	......	68.7	......	59.2	......	50.6	......	64.2	......
Osceola	43.2	+ 3.7	48.3	+ 4.9	47.9[a]	- 3.8	60.6	- 0.7	67.0	- 2.7	80.6	+ 3.2	81.3	+ 0.9	77.8	- 0.9	79.4	+ 6.1	68.2	+ 6.6	58.5	+ 8.3	51.4	+ 8.0	63.7	+ 2.8
Ozark	41.0	+ 0.8	46.6	+ 3.3	46.0	- 7.3	57.9	- 4.0	65.0	- 4.6	78.6	+ 0.8	83.2	+ 1.4	77.4	- 4.6	79.4	+ 3.5	67.6	+ 4.1	56.5	+ 4.9	45.0	+ 3.2	62.0	+ 0.1
Pine Bluff	45.2	+ 2.0	51.2	+ 4.8	50.0	- 4.8	62.2	- 1.3	67.2	- 4.2	79.0	- 0.2	80.8	- 1.6	77.6	- 4.1	80.2	+ 4.0	69.4	+ 5.4	60.2	+ 7.2	52.0	+ 6.8	64.6	+ 1.2
Pocahontas	40.4	+ 2.1	46.2	+ 5.8	46.2	- 5.1	59.2	- 1.0	61.2	- 4.4	79.0	+ 2.6	80.4	+ 0.1	76.6	- 2.7	77.4	+ 4.0	64.9	+ 3.5	56.7	+ 6.6	48.8	+ 8.7	61.7	+ 1.7
Portland	44.4	- 2.0	52.0	+ 2.6	51.5	- 5.7	62.8	- 1.8	68.3	- 3.3	79.4	+ 0.1	81.2	- 0.6	77.8	- 3.6	78.2	+ 1.8	69.1	+ 4.5	60.0	+ 5.7	53.5	+ 6.6	64.8	+ 0.4
Prescott	46.1	+ 2.1	52.1	+ 5.1	51.2	- 4.1	61.7	- 1.6	67.8	- 3.2	79.7	+ 0.9	82.7	+ 0.7	78.8	- 2.7	79.7	+ 3.5	69.0	+ 4.5	59.1	+ 5.3	51.0	+ 6.4	64.9	+ 1.4
Rison	46.0	+ 1.7	52.2	+ 5.4	51.2	- 4.1	61.6[b]	- 2.2	67.5[a]	- 3.7	79.7	+ 1.1	81.6	0.0	77.8	- 3.8	80.2	+ 4.1	70.0	+ 5.9	60.1	+ 6.7	51.9[b]	+ 6.0	65.0	+ 1.5
Rogers	40.0	+ 3.3	45.7	+ 6.6	44.0	- 5.0	55.6	- 3.0	62.1	- 3.7	76.0	+ 2.7	79.2	+ 2.2	73.8	- 3.8	76.0	+ 5.0	64.9	+ 5.4	56.2	+ 7.3	46.4	+ 7.5	60.0	+ 2.1
St. Charles	......	......	......		......		......		......	......	78.2	......	81.0	......	75.8	......	77.8[a]	......	......	......	58.8[d]	......	50.4[b]	......	......	......
Searcy	41.1	+ 1.3	47.3	+ 1.8	47.0	- 5.1	59.2	- 2.6	64.4	- 4.1	78.0	+ 0.9	80.8	- 0.1	76.1	- 4.0	77.6	+ 3.6	66.1	+ 4.0	56.4	+ 5.7	48.8	+ 6.3	61.9	+ 0.6
Stuttgart	43.8	+ 1.1	50.2	+ 5.3	49.2	- 4.6	61.2	- 1.2	66.7	- 3.1	80.0	+ 2.3	81.8	+ 0.8	77.6	- 2.7	79.0	+ 4.4	68.5	+ 5.7	59.4	+ 7.4	51.0	+ 6.8	64.0	+ 1.8
Subiaco	42.8	+ 1.6	48.2	+ 4.8	47.8	- 5.5	59.2	- 2.6	66.0	- 3.8	79.2	+ 1.6	82.8	+ 1.3	77.6	- 4.1	79.0	+ 3.6	67.8	+ 4.1	57.6	+ 5.3	47.4	+ 4.7	63.0	+ 1.0
Texarkana	45.4	- 0.8	50.4	+ 1.8	49.0	- 7.4	60.2	- 4.0	67.0	- 4.6	79.8	- 0.6	83.4	+ 0.9	78.7	- 3.6	79.7	+ 2.8	70.4	+ 4.7	59.9	+ 4.9	50.2	+ 3.1	64.5	- 0.1
Thornburg	41.6	......	46.9	......	47.2	......	57.4	......	63.0	......	74.6	......	79.4	......	76.1	......	77.1	......	65.7	......	56.8	......	46.6	......	61.0	......
Warren	45.1	+ 0.6	51.9	+ 4.9	50.6	- 5.3	62.7	- 0.7	69.0	- 2.2	81.0	+ 2.1	81.4	- 0.7	77.8	- 3.7	78.6	+ 3.1	68.6	+ 4.3	58.8	+ 5.1	50.5	+ 5.5	64.7	+ 1.1
Wilson	41.6	......	46.8	......	46.2	......	58.8	......	65.6	......	79.7	......	79.8[l]	......	75.9	......	76.5	......	65.0	......	56.3	......	48.2	......	61.7	......
*Winslow	35.1	+ 3.6	43.8	+ 8.1	42.0	- 3.8	53.4	- 4.6	59.6	- 5.1	72.2	+ 0.8	77.0[k]	+ 1.0	72.4[l]	- 3.1	......	......	......	......	......	......	45.8[a]	......	......	......
Wynne	42.0	+ 1.7	47.9	+ 2.8	46.0	- 6.0	59.5	- 2.0	65.0	- 4.4	79.0	+ 1.2	80.6	- 0.4	76.0	- 4.0	77.9	+ 3.4	67.0	+ 4.6	57.3	+ 5.9	50.9	+ 9.0	62.4	+ 1.0

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
Amity	J. W. Campbell	De Valls Bluff	H. G. Pate	Lead Hill	J. H. Crosswhite	Piggott	V. C. Wright
Arkadelphia	W. K. Bown	Dumas	Ben Johnson	Little Rock	U. S. Weather Bureau	Pine Bluff	Miss Theresa Scheu
Arkansas City	Herbert Neff	Dutton	J. M. Ricketts	Lurton	I. C. Sutton	Pocahontas	Benedictine Sisters
Arlberg	J. D. Reeves	El Dorado	J. J. Babb	Lutherville	H. G. Lenhardt	Portland	W. E. Edmiston
Batesville	Mrs. Lelia I. Teter	England	Dr. R. H. Hardin	Madison	William G. Hager	Prescott	Craig Williams
Bee Branch	J. E. Scanlan	Eureka Springs	Geo. W. Nichoalds	Magnolia	State Agr. School	Rison	Mrs. M. V. Tisdale
Bentonville	U. S. Weather Bureau	Fayetteville	University of Ark.	Malvern	Mrs. W. L. Matthews	Rogers	Carl A. Starck
Big Lake Outlet	Harry Johnson	Fort Smith	U. S. Weather Bureau	Mammoth Spring	S. F. Whittaker	St. Charles	Ballard Deane
Black Rock	Vernon C. Howe	Freeman Springs	J. R. Mc Cuiston	Marianna	C. N. Houck	St. Francis	S. T. Rooney
Blytheville	Charles Phillips, Jr.	Fulton	T. J. Logan	Marked Tree	Chas. Walton	Searcy	Arthur D. Smith
Booneville	F. H. Randolph	Georgetown	W. R. Owens	Marshall	A. J. Parks	Springbank	Miss Grace Field
Brinkley	Robt. J. Torry	Gilbert	Ben F. Battenfield	Mena	E. W. St. John	Story	S. C. Story
Calico Rock	W. J. Copp	Grannis	W. E. McVay	Morrillton	John Cook	Stuttgart	A. F. Buerkle
Camden	Georgia Quarterman	Gravette	A. F. Stevens	Mountain Home	B. S. Halbert	Subiaco	New Subiaco Abbey
Carthage	C. R. Tewalt	Harrison	Louis R. Keck	Mount Ida	G. A. Whittington	Sunset	Walter James
Center Point	John C. Floyd	Helena	James A. Burnett	Newport	J. D. Henderson	Texarkana	H. S. Brashear
Clarendon	J. W. Bishop	Higden	George W. Baker	Norman	U. S. Forest Service	Thornburg	Edward E. Holmes
Clinton	A. L. Stephens	Highland	Tom W. Stewart	Oden	U. S. Forest Service	Waldron	Dr. Cheves Bevill
Conway	E. E. Cordrey	Hope	N. P. O'Neal	Okay	Charles R. Jackson	Warren	Miss Evelyn Hoyle
Corning	Winfred D. Polk	Hot Springs	Geo. C. Bolton	Osceola	Charles H. Hampton	Waters	J. R. Huddleston
Cotter	O. B. McSpadden	Index	H. G. Sanderson	Ozark	Orkney O. Milton	Whitecliffs	Miss N. O. Schirmer
Crossett	G. A. Gifford	Jessieville	U. S. Forest Service	Paragould	W. R. Heagler	Wilson	S. N. Johnson
Danville	C. G. Hudson	Jonesboro	Benedictine Sisters	Parkin	P. D. Roberts	Wynne	R. T. Cobbs
Dardanelle	Geo. N. Goodier	Junction	J. A. Lowderback	Patterson	W. E. Baker	Yancopin	W. E. Barton

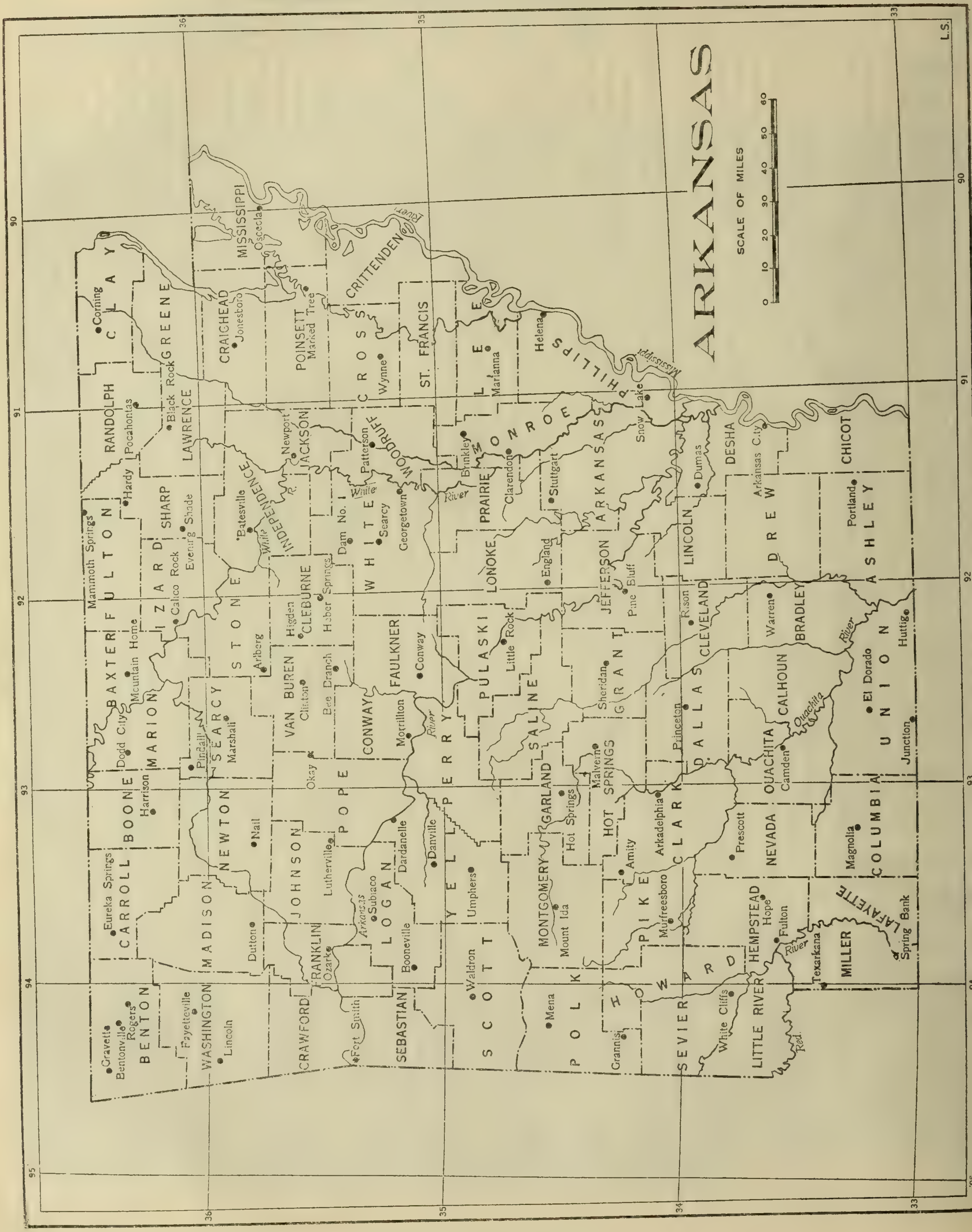
*Data from January to August for Winslow, remainder for Sunset, 8 miles east.

Monthly and Annual Precipitation for the Year 1931, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Amity	0.94	-3.61	3.81	+0.26	3.99	-0.87	0.62	-4.63	3.32	-1.87	1.60	-3.80	2.92	-0.63	3.20	-0.90	2.46	-0.65	3.36	+0.10	7.23	+3.55	6.51	+2.46	39.96	-10.09
Arkadelphia	0.49	-3.95	4.10	+0.88	3.83	-0.97	2.33	-2.81	2.57	-3.00	3.73	-1.06	5.41	+1.58	2.63	-1.43	1.20	-1.79	2.14	-0.98	7.24	+3.55	10.56	+5.68	46.23	- 4.80
Arkansas City	2.27	-2.24	3.44	-0.93	3.55	-1.87	1.74	-3.17	3.49	-1.18	0.63	-3.17	5.52	+1.90	5.72	+1.97	0.36	-2.56	1.37	-1.00	5.84	+1.95	16.42	+11.42	50.35	+ 1.12
Arlberg	0.55	......	5.95	......	3.93	......	4.21	......	3.41	......	3.77	......	7.26	......	5.25	......	0.71	...	0.92	......	4.06	......	4.87	......	44.89	......
Batesville	0.71	-3.82	4.55	+1.26	4.76	+0.57	2.23	-2.77	4.35	-0.65	1.80	-2.21	6.50	+3.24	7.10	+2.67	0.72	-2.97	1.26	-2.00	6.43	+2.94	9.96	+6.27	50.37	+ 2.53
Bee Branch	1.49	-2.87	5.34	+2.81	3.71	-0.97	2.38	-2.48	4.99	-0.14	2.87	-1.41	2.33	-1.68	4.90	+0.96	0.25	-2.97	1.47	-1.88	9.00	+5.52	9.78	+5.90	48.51	+ 0.89
Bentonville	0.61	-2.13	3.52	+1.35	3.14	-0.34	4.16	-0.70	6.42	+0.49	3.01	-2.31	4.77	+1.07	5.68	+1.50	0.53	-3.25	8.36	+4.86	3.54	+0.40	0.59	-1.75	44.33	- 0.84
Big Lake Outlet	*1.30*	......	4.53	......	2.94	......	2.22	......	1.50	......	0.36	......	5.59	......	6.62	......	1.37	......	1.20	......	6.93	......	7.10	......	41.66	......
Black Rock	0.67	-3.88	5.25	+2.21	5.30	+1.65	2.71	-2.85	3.69	-1.48	0.85	-3.03	7.91	+4.26	4.04	-0.37	0.51	-3.21	1.12	-2.22	7.62	+3.46	8.70	+4.98	48.87	- 0.48
Blytheville	2.13	......	3.48	......	3.36	..	2.62	......	1.07	......	3.00	......	6.45	......	14.25	......	1.05	......	1.21	......	6.80	......	8.07	......	53.49	......
Booneville	0.47	-3.87	5.23	+3.11	4.23	+0.91	2.85	-2.82	3.65	-1.71	2.02	-2.39	3.79	+0.44	8.09	+4.77	0.55	-2.82	3.05	-0.60	3.64	+0.30	3.16	-0.01	40.96	- 4.19
Brinkley	1.54	-3.56	6.16	+2.16	4.95	-0.69	1.27	-4.29	4.34	-0.65	1.47	-2.10	10.01	+6.18	2.85	-0.67	0.56	-2.92	1.09	-2.01	6.49	+2.21	8.90	+4.04	49.54	- 2.30
Calico Rock	0.80	-2.84	5.47	+3.00	4.85	+1.46	3.30	-1.63	2.39	-2.32	4.60	+0.55	4.38	+0.94	8.03	+3.07	0.31	-3.27	1.45	-1.69	4.92	+1.90	3.46	+0.24	43.99	- 0.60
Camden	1.76	-3.17	4.33	+0.45	4.43	-0.64	1.23	-3.67	1.68	-4.02	3.80	-0.54	9.33	+5.64	3.61	+0.52	1.45	-1.86	0.74	-2.16	8.40	+4.26	11.83	+7.15	52.59	+ 2.96
Carthage	......	......	......	......	......	......	......	......	......	......	2.68	-1.29	3.12	-0.94	3.59	+0.81	0.07	-3.27	1.76	-1.42	8.62	+5.09	6.05	+0.98	......	......
Center Point	0.66	-3.25	3.18	-0.04	3.48	-1.19	1.11	-4.14	2.18	-4.05	5.85	+1.66	5.66	+1.94	6.26	+3.42	0.92	-2.59	2.03	-1.28	7.32	+3.77	6.94	+2.56	45.59	- 3.14
Clarendon	1.36	-3.16	5.10	+1.28	5.05	0.00	2.23	-3.86	2.73	-2.16	2.25	-1.30	8.50	+5.52	2.54	-1.60	0.42	-3.27	0.97	-2.40	7.74	+3.33	8.93	+3.98	47.96	- 3.14
Clinton	0.70	......	5.75	......	3.86	......	3.24	......	4.29	......	2.45	......	3.86	......	5.91	......	1.50	......	1.83	......	6.49	......	5.74	......	45.62	......
Conway	1.09	-3.27	4.65	+1.06	3.62	-0.90	1.65	-3.21	4.79	-0.28	1.80	-2.19	3.45	+0.08	4.34	+0.89	1.42	-1.99	2.19	-0.68	6.75	+2.85	7.46	+3.40	43.21	- 4.24
Corning	0.90	-3.42	6.35	+2.95	3.95	-0.65	2.64	-2.60	3.14	-1.42	1.06	-3.15	4.10	+0.64	10.07	+6.39	1.25	-2.45	1.19	-2.17	4.86	+1.28	5.50	+1.89	45.01	- 2.71
Cotter	0.58	......	5.63	......	4.61	......	2.15	......	2.25	......	2.52	......	5.06		9.05	......	0.20	......	1.93	......	3.39	......	1.73	......	39.10	......
Crossett	2.55	-2.60	3.27	+0.23	2.93	-2.06	3.63	-0.79	3.38	-1.06	1.45	-3.29	7.88	+3.53	3.75	+0.10	0.87	-1.68	1.57	-2.37	4.81	+0.55	20.47	+16.25	56.56	+ 6.81
Danville	0.96	-3.17	5.15	+2.79	4.22	+0.44	3.28	-2.03	6.18	+1.36	3.43	-1.02	4.05	+0.89	4.81	+1.38	0.66	-2.91	1.78	-2.65	6.86	+3.62	4.34	+1.04	45.72	- 0.26
Dardanelle	0.69	-2.77	5.66	+2.70	4.85	+0.59	3.34	-0.93	3.43	-1.98	2.42	-1.28	5.85	+2.48	3.98	+0.32	0.18	-3.25	2.09	-0.92	5.18	+1.67	3.88	+0.59	41.55	- 2.78
De Valls Bluff	1.91	......	5.60	......	5.52		1.14	......	4.86		1.04	......	8.10	......	3.32	......	0.54	......	1.31	......	8.09	......	8.73	......	50.16	......
Dumas	2.02	-2.83	2.58	-1.52	4.53	-1.33	1.74	-3.27	3.26	-2.12	1.51	-2.28	9.16	+5.56	1.45	-2.02	0.51	-2.83	3.59	+0.16	6.52	+2.46	20.67	+15.04	57.54	+ 5.02
Dutton	0.68	-3.59	8.04	+5.32	4.13	+0.09	3.96	-2.17	5.01	-1.28	4.00	-1.56	3.55	-0.68	3.80	-0.32	0.56	-4.32	3.51	-0.30	2.86	-0.61	1.65	-2.03	41.75	-11.43
El Dorado	3.40	-0.72	3.68	-0.37	3.25	-1.80	3.20	-2.45	3.37	-1.53	2.53	-1.36	3.71	-0.23	1.64	-1.67	0.88	-2.15	1.76	-1.48	8.40	+4.11	23.86	+18.25	59.68	+ 8.60
England	1.79	-2.75	3.30	-0.69	4.55	-0.28	1.69	-4.40	4.80	+0.46	1.36	-2.49	3.79	+1.14	3.04	-0.98	1.32	-2.21	2.22	-1.05	7.64	+3.94	7.97	+3.27	43.47	- 6.04
Eureka Springs	0.72	-2.51	4.30	+1.76	2.98	-0.76	4.99	-0.12	4.85	-0.91	2.87	-2.88	6.38	+2.24	14.67	+9.81	1.18	-3.17	5.44	+1.89	3.80	+0.73	1.26	-1.57	53.45	+ 4.51
Fayetteville	0.57	-2.29	4.68	+2.36	2.98	-0.63	5.65	+1.15	4.34	-1.13	3.10	-1.42	5.71	+1.56	2.87	-1.24	1.75	-1.91	5.88	+2.47	3.47	+0.41	0.90	-1.90	41.90	- 2.54
Fort Smith	0.48	-2.06	5.97	+3.41	2.78	-0.23	2.97	-0.97	4.35	-0.47	1.57	-2.15	3.10	-0.27	8.71	+5.43	0.77	-2.22	6.32	+3.33	3.12	+0.25	1.46	-1.30	41.60	+ 2.75
Freeman Springs	0.33	......	6.71	......	3.82	......	3.66	......	4.61	......	3.40	......	4.74	......	5.80	......	0.82	......	2.44	......	5.53	...	2.94	......	44.80	......
Fulton	0.93	-3.44	3.75	+0.70	4.51	+0.33	1.32	-3.22	3.03	-1.68	3.46	-0.36	6.52	+3.20	3.22	+0.50	1.71	-0.86	1.96	-0.64	6.76	+3.20	8.24	+4.59	45.71	+ 2.32
Georgetown	1.70	-3.68	5.67	+2.28	3.98	-1.05	1.58	-4.16	3.99	-0.74	1.22	-3.10	8.51	+5.82	4.34	+0.51	0.12	-3.82	1.24	-2.50	9.19	+5.72	9.10	+4.86	50.64	+ 0.14
Gilbert	0.54	...	4.63	......	4.69	......	2.83	......	5.34	......	2.40	......	4.84	......	7.64	......	0.25	......	2.05	......	3.78	......	2.29	......	41.28	......
Grannis	0.67	-4.58	5.24	+2.15	4.86	+0.62	1.35	-5.10	2.31	-4.10	4.91	+0.02	9.68	+5.61	3.32	-0.02	1.80	-2.51	3.08	-1.91	6.17	+1.33	5.91	+1.71	49.30	- 6.78
Gravette	0.89	-1.80	3.42	+1.52	2.82	-0.68	4.49	-0.11	5.92	+0.38	4.18	-1.46	2.20	-1.91	9.10	+5.02	0.98	-2.84	10.22	+6.71	5.20	+2.09	0.52	-1.82	49.94	+ 5.10
Harrison	T.	-3.11	4.23	+1.70	3.83	+0.69	......	......	......	......	......	......	......	......	......	..	0.38	-3.72	1.87	-1.29	3.91	+1.18	1.96	-0.66	......	......
Helena	1.94	-3.40	4.69	+0.19	5.15	-0.99	2.58	-3.15	3.23	-1.47	2.44	-1.45	10.51	+6.75	1.63	-2.06	0.35	-3.06	1.23	-1.53	6.97	+2.41	13.07	+8.11	53.82	+ 0.35
Higden	1.12	-3.53	4.50	+1.87	3.86	-1.17	2.78	-3.25	6.00	-0.30	4.57	+0.37	3.49	+0.63	5.33	+0.53	0.15	-3.71	1.16	-3.38	6.36	+2.32	7.16	+3.31	46.48	- 6.31
Highland	1.20	......	4.15	......	3.97	......	1.09	......	2.48	......	4.47	......	5.24	......	4.95	......	0.78	......	2.13	......	6.77	......	8.03	......	45.26	......
Hope	1.25	-3.83	3.80	-0.19	4.05	-1.05	1.73	-3.65	0.74	-4.51	2.41	-1.43	10.19	+5.87	2.48	-0.89	3.32	+0.12	1.14	-2.24	6.80	+2.36	8.87	+4.46	46.78	- 4.98
Hot Springs	0.93	-4.02	3.57	-0.06	4.88	-0.05	3.27	-2.75	2.83	-3.16	6.03	+1.44	7.62	+3.41	4.80	+1.06	1.31	-2.16	2.83	-0.45	8.93	+4.78	9.23	+4.84	56.23	+ 2.88
Index	1.03	......	3.00	......	3.68	......	2.16	......	1.64	......	3.94	......	9.04	......	2.73	......	2.86	......	1.80	......	7.43	......	5.78	......	45.09	......
Jessieville	1.56	......	3.65	......	*4.90*	......	*2.43*	......	2.65	......	5.51	......	4.84	......	1.97	......	0.91	......	2.10	......	7.20	......	6.29	......	43.92	......
Jonesboro	1.08	-3.97	5.12	+1.47	4.39	-0.28	2.23	-2.59	2.23	-2.12	2.23	-1.70	4.80	+1.57	6.79	+3.24	0.77	-2.63	2.00	-1.36	5.36	+1.98	8.12	+3.65	45.12	- 2.74
Junction	1.78	-1.98	2.52	-0.94	2.97	-2.22	4.07	-0.89	3.24	-1.53	2.06	-1.79	4.63	+0.48	*1.68*	-1.67	0.69	-1.79	1.38	-1.54	5.41	+1.90	22.31	+18.25	52.74	+ 6.28
Lead Hill	0.69	......	5.41	......	4.09	......	3.61	......	3.76	......	1.99	......	4.38	......	10.86	......	0.21	......	2.05	......	4.00	......	2.08	......	43.13	......
LITTLE ROCK	1.00	-3.73	4.03	+0.19	4.47	-0.15	6.43	+1.24	2.07	-2.71	2.76	-1.00	3.74	+0.24	1.29	-2.46	0.64	-2.53	1.76	-0.95	8.30	+4.11	9.14	+5.00	45.63	- 2.75
Lurton	0.71	......	6.29	......	4.23	......	6.30	......	4.80	......	5.25	......	3.25	......	5.19	......	0.51	......	2.90	......	4.78	......	3.93	......	48.14	......
Lutherville	0.48	-3.38	6.77	+3.77	2.78	-1.09	2.99	-1.91	3.89	-1.26	2.91	-1.46	4.36	+0.67	2.63	-1.40	1.07	-2.97	2.32	-1.64	4.63	+1.20	3.03	-0.87	37.91	-10.34
Madison	*1.76*	......	4.47	......	4.68	......	1.70	......	2.09	......	0.61	......	9.90	......	2.36	......	2.01	......	0.84	......	6.77	......	9.17	......	46.36	......
Magnolia	2.41	-2.91	4.43	+0.90	3.85	-1.03	1.87	-3.20	1.68	-3.23	3.96	+0.46	6.79	+3.55	2.24	-0.91	0.00	-2.31	0.80	-2.75	7.14	+2.91	15.58	+10.77	50.75	+ 2.25
Malvern	0.79	-4.77	4.27	+0.70	3.97	-1.04	2.27	-2.91	3.95	-0.84	3.94	-0.22	8.99	+5.47	3.68	+0.22	0.62	-2.57	2.47	-0.47	7.99	+3.63	10.72	+5.92	53.66	+ 3.12
Mammoth Spring	0.66	-3.01	3.70	+1.00	4.51	+1.88	3.09	-2.30	4.28	-0.31	0.83	-3.64	6.54	+3.13	3.04	-1.32	2.95	-0.86	1.70	-1.63	5.50	+2.14	4.58	+1.30	41.38	- 4.12
Marianna	1.54	-3.02	4.36	+0.58	4.38	-0.65	1.64	-2.86	2.79	-1.76	0.40	-3.62	7.92	+4.87	1.46	-1.47	0.70	-2.18	1.10	-2.47	6.00	+2.78	8.24	+3.99	40.53	- 5.81
Marked Tree	1.41	-4.12	6.64	+3.06	4.94	+0.05	1.84	-3.68	2.24	-2.94	1.14	-2.14	8.96	+5.87	3.91	+0.20	1.61	-1.24	1.44	-2.84	8.82	+4.61	8.97	+4.55	51.92	+ 1.38
Marshall	0.40	-3.40	4.73	+2.46	3.24	-0.73	3.05	-4.10	4.25	-2.60	2.45	-2.63	6.94	+3.16	8.65	+3.44	0.13	-4.23	1.70	-2.59	4.59	+0.89	2.06	-1.65	42.19	-11.98
Mena	0.39	-3.48	5.49	+2.34	4.35	-0.22	2.15	-3.49	4.97	-1.43	5.08	+0.20	5.03	+1.09	4.28	-0.06	0.61	-3.18	5.81	+2.09	5.92	+2.44	5.71	+1.86	49.79	- 1.93
Morrillton	1.33	......	3.99	......	4.10	......	3.53	......	4.91	....	1.81	......	2.13	......	3.26	......	0.74	......	1.40	......	7.06	......	8.48	......	42.74	......
Mountain Home	0.48	-2.64	6.37	+4.09	5.15	+1.49	2.76	-2.31	3.60	-2.08	2.15	-2.63	4.14	-0.28	7.11	+3.12	0.23	-4.11	2.11	-2.26	4.83	+1.80	2.29	-1.28	41.22	- 7.09
Mount Ida	0.95	-3.39	3.81	-0.15	5.31	+0.90	2.68	-3.22	3.04	-2.95	2.68	-1.74	6.13	+2.56	2.13	-1.23	0.35	-2.73	3.30	-0.54	6.92	+2.82	6.48	+2.46	44.28	- 7.21
Newport	1.31	-3.68	5.13	+1.65	4.63	-0.12	1.22	-3.82	3.41	-0.94	0.88	-3.02	6.91	+3.85	5.92	+2.44	0.67	-2.94	2.62	-0.26	7.81	+3.62	9.60	+5.74	50.11	+ 2.52
Norman	1.07	......	4.61	......	5.14	......	2.36	......	3.07	......	2.45	......	3.70	......	1.50	......	0.76	......	3.62	......	7.39	......	8.02	......	43.69	......
Oden	0.20	......	4.72	......	4.27	......	2.31	......	2.70	......	3.07	......	3.02	......	1.65	......	0.66	......	3.38	......	5.51	......	5.60	......	37.09	......
Okay	0.83	......	3.12	......	5.16	......	0.94	......	2.48	......	2.44	......	10.78	......	3.69	......	4.18	......	2.42	......	6.88	......	7.58	......	50.50	......
Osceola	1.30	-3.53	4.44	+0.94	5.01	-0.05	3.27	-1.22	2.11	-2.99	0.88	-2.50	3.62	+0.15	4.22	+1.00	2.05	-0.79	2.13	-0.67	6.98	+2.60	3.96	-0.36	39.97	7.42
Ozark	0.55	-2.24	6.31	+3.83	3.62	-0.26	4.65	-0.02	4.71	-0.78	1.95	-2.55	4.54	+1.14	8.78	+4.90	0.34	-2.94	4.92	+1.70	2.89	-0.30	2.32	-1.17	45.58	+ 1.31
Paragould	1.49	......	5.42	......	4.16	......	2.30	......	1.87	......	0.67	......	3.72	......	8.24	......	1.68	......	1.98	...	7.22	......	7.27	......	46.02	......
Parkin	*2.15*	......	5.96	......	5.27	......	1.95	......	2.00	......	0.86	......	6.62	......	3.49	......	0.59	......	0.80	......	6.89	......	10.20	......	46.78	......
Patterson	1.00	-4.21	6.14	+2.78	5.13	-0.35	2.19	-3.88	5.59	+0.67	1.61	-3.30	5.05	+1.95	6.27	+3.25	0.50	-2.39	1.42	-2.44	8.73	+4.31	9.54	+5.40	53.17	+ 1.82
Piggott	1.14	......	5.11	......	3.69		2.53	......	2.91	......	2.13	......	4.15	......	7.16	......	2.54	......	1.22	......	7.24	......	4.58	......	44.40	......
Pine Bluff	1.64	-3.52	3.10	-0.78	4.33	-0.98	0.74	-4.77	3.47	-1.23	3.00	-0.92	8.87	+5.43	3.19	+0.05	0.26	-3.30	3.18	+0.27	7.57	+3.45	11.80	+6.73	51.15	+ 0.45
Pocahontas	1.09	-3.43	5.62	+2.43	5.18	+0.68	2.57	-2.41	4.59	-0.26	2.44	-0.96	6.47	+2.27	5.39	+0.70	1.52	-2.05	1.18	-2.13	6.09	+2.52	7.01	+3.31	49.15	+ 0.67
Portland	2.35	-2.09	2.77	-1.30	2.73	-2.46	2.68	-2.51	2.08	-3.72	0.59	-2.81	4.87	+1.03	2.49	-0.87	0.02	-2.69	2.16	-0.74	2.49	-1.66	18.42	+12.83	43.65	- 6.99
Prescott	0.82	-3.73	4.66	+1.23	3.56	-0.96	1.13	-3.97	2.64	-2.39	2.87	-0.93	8.62	+5.41	3.43	+0.15	2.62	-0.47	2.47	-0.19	7.11	+3.66	9.03	+4.67	48.96	+ 2.48
Princeton	0.55	-4.29	3.38	-0.23	4.47	-0.54	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Rison	1.77	-3.56	3.27	+0.08	4.07	-1.01	1.23	-3.47	4.23	+0.15	2.22	-1.54	8.20	+4.93	5.86	+2.76	0.33	-3.00	2.56	-0.61	8.85	+5.33	10.62	+6.54	53.21	+ 6.60
Rogers	0.46	-2.12	3.73	+1.84	2.97	-0.41	3.97	-0.67	4.33	-1.06	4.00	-0.89	9.63	+5.55	5.71	+1.96	0.58	-3.21	4.40	+1.30	3.64	+0.70	0.75	-1.67	44.17	+ 1.32
St. Charles	......	......	......	......	......	......	......	......	2.58	......	1.12	......	8.90	......	2.70	......	0.51	......	2.53	......	8.99	......	12.03	......	......	......
St. Francis	0.87	......	4.72	......	4.31	......	2.28	......	2.92	......	0.59	..	4.78	......	6.57	......	3.02	......	1.60	......	7.02	......	4.17	......	42.85	......
Searcy	0.90	-3.73	5.65	+2.41	4.88	+0.60	1.90	-3.33	4.52	-0.02	1.89	-2.07	4.15	+1.68	3.60	-0.11	0.80	-2.21	2.09	-0.97	6.87	+2.52	13.48	+9.37	50.73	+ 4.14
Springbank	2.48	-1.73	4.09	+0.55	3.94	-0.69	2.32	-3.92	3.08	-1.59	1.96	-1.84	7.37	+3.72	4.38	+0.97	0.65	-2.24	2.32	-0.84	6.81	+3.18	11.24	+6.26	50.64	+ 1.83
Story	0.79	......	4.23	......	4.61	......	1.87	......	4.05	......	3.61	......	2.20	......	1.95	......	0.77	......	3.68	......	6.68	......	8.98	......	43.42	......
Stuttgart	1.24	-3.79	4.62	+0.70	4.71	-0.75	1.61	-3.58	4.12	-0.68	3.89	-0.05	5.75	+2.13	2.55	-0.98	0.92	-2.42	1.96	-1.24	8.86	+4.81	10.88	+6.11	51.11	+ 0.26
Subiaco	0.43	-3.02	6.25	+3.54	3.66	-0.12	4.40	-0.32	3.77	-1.66	2.01	-2.05	5.86	+2.55	6.61	+3.02	0.89	-2.52	2.30	-1.13	4.97	+1.92	4.47	+1.36	45.62	+ 1.57
Texarkana	1.31	-1.84	4.00	+0.83	4.73	+0.61	2.40	-2.65	1.94	-2.62	3.68	+0.12	8.04	+4.62	4.15	+1.08	0.90	-2.01	2.14	-0.99	7.72	+4.44	7.65	+3.90	49.16	+ 5.49
Thornburg	1.53	......	3.50	......	4.94	......	5.50	......	2.79	......	4.47	......	4.00	......	2.29	......	1.96	......	2.35	......	6.83	......	7.24	......	47.40	......
Waldron	0.47	-3.49	7.67	+4.62	4.19	+0.46	2.50	-3.58	3.41	-2.07	2.68	-1.59	3.18	-0.31	5.26	+2.64	0.44	-2.93	3.54	-0.95	4.44	+0.60	4.59	+1.05	42.30	- 5.55
Warren	2.76	-1.84	6.29	+2.17	5.05	-0.37	2.00	-3.35	3.05	-1.65	1.38	-2.41	10.71	+7.37	3.71	+0.12	0.72	-3.26	1.25	-2.36	8.81	+4.87	21.54	+16.32	67.27	+ 5.61
Waters	1.08	......	4.64	......	4.48	......	2.92	......	2.79	......	3.69	......	3.28	......	1.99	......	0.45	......	3.52	......	6.06	......	6.10	......	41.00	......
Whitecliffs	0.62	-3.11	2.81	-0.36	4.13	-0.10	1.42	-4.32	3.58	-1.20	3.72	+0.32	13.00	+10.59	3.84	+1.09	4.32	+1.74	2.21	-1.07	7.11	+4.20	6.49	+2.38	53.25	+10.16
Wilson	2.08	......	4.71	......	3.65	......	3.49	......	2.24	......	1.72	......	5.23	......	4.41	......	0.78	......	1.01	......	6.61	......	10.44	......	46.37	......
Winslow	0.46	-2.30	7.87	+5.31	3.84	-1.04	4.29	+0.02	5.86	-1.84	4.16	-0.87	5.97	+1.40	......	......	......	......	......	......	......	......	*1.49	......	......	......
Wynne	2.20	-2.95	6.05	+2.55	6.83	+1.65	1.40	-4.65	2.08	-2.86	5.18	+1.37	7.42	+4.03	4.08	+0.14	0.71	-2.89	0.65	-3.35	6.76	+2.93	10.58	+5.83	53.94	+ 1.80
Yancopin	1.77	......	4.77	......	3.83	......	1.54	......	3.05	......	0.83	......	7.94	......	1.61	......	0.29	......	2.41	......	5.88	......	19.28	......	53.20	......

Departures from the normal precipitation are based on records of ten or more years.

Normals for Princeton used at Carthage, 8 miles northeast. Data in *Italics* determined from surrounding stations.


ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.
36
35
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91
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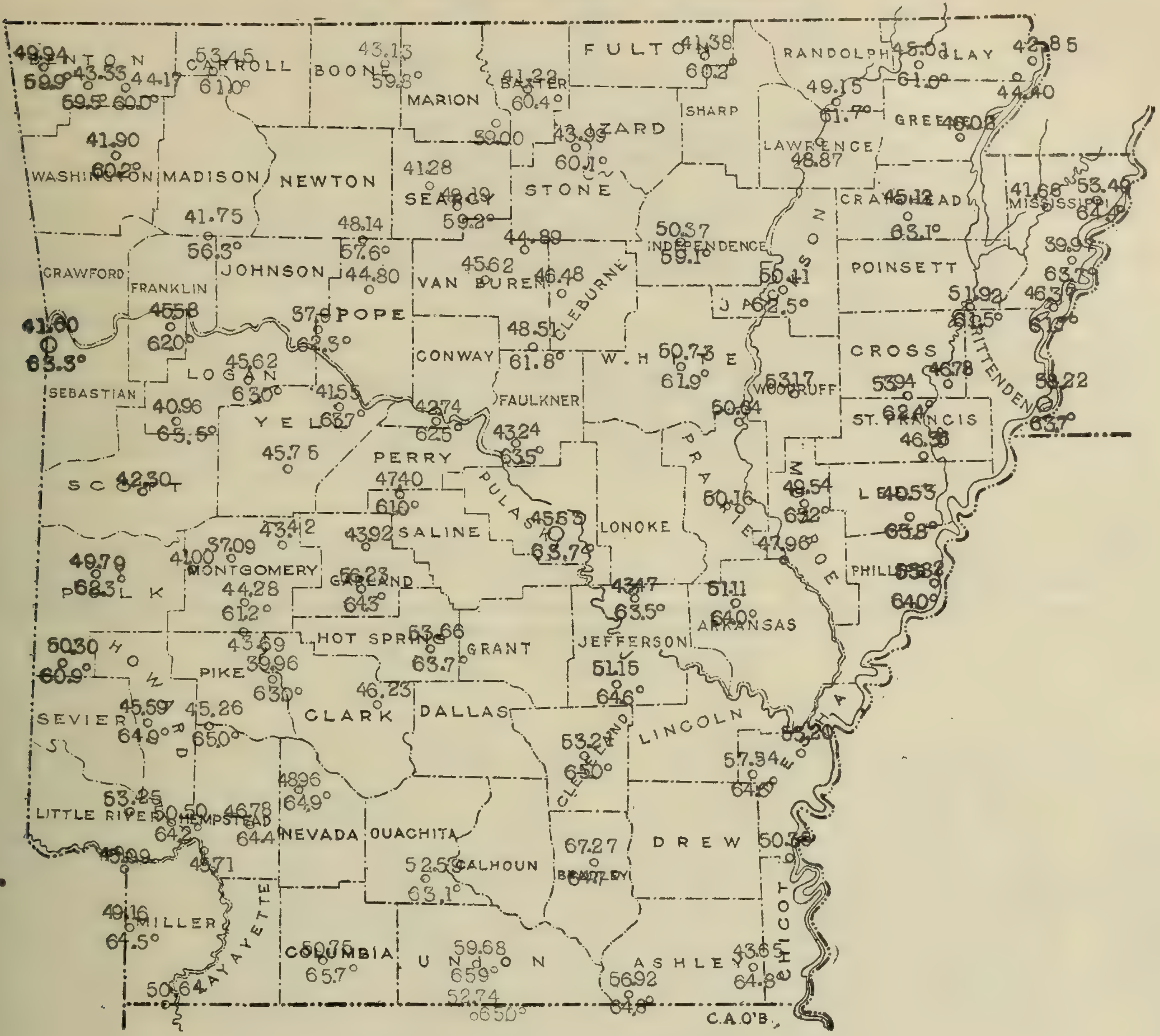
95
BENTON
Gravette
Bentonville
Rogers
WASHINGTON
Fayetteville
Lincoln
CARROLL
Eureka Springs
MADISON
Dutton
BOONE
Harrison
NEWTON
Nail
MARION
Dodd City
Pindall
SEARCY
Marshall
BAXTER
Mountain Home
FULTON
Mammoth Springs
IZARD
Calico Rock
SHARP
Evening Shade
Hardy
RANDOLPH
Pocahontas
CLAY
Corning
GREENE
LAWRENCE
Black Rock
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
POINSETT
Marked Tree
CRITTENDEN
CROSS
Wynne
ST. FRANCIS
LEE
Marianna
PHILLIPS
Helena
Mississippi
River
STONE
Arlberg
INDEPENDENCE
Batesville
White R.
JACKSON
Newport
WOODRUFF
Patterson
CLEBURNE
Higden
Heber Springs
VAN BUREN
Clinton
Bee Branch
WHITE
Dam No. 1
Searcy
Georgetown
White River
MONROE
Brinkley
Clarendon
PRAIRIE
LONOKE
England
ARKANSAS
Stuttgart
Snow Lake
DESHA
Dumas
Arkansas City
CHICOT
LINCOLN
DREW
Portland
ASHLEY
Hutting
JEFFERSON
Pine Bluff
Rison
CLEVELAND
BRADLEY
Warren
Ouachita River
UNION
El Dorado
Junction
CALHOUN
GRANT
Sheridan
PULASKI
Little Rock
FAULKNER
Conway
CONWAY
Morrilton
River
POPE
Okay
JOHNSON
Lutherville
FRANKLIN
Ozark
Arkansas
LOGAN
Subiaco
Booneville
Dardanelle
YELL
Danville
PERRY
SALINE
GARLAND
Hot Springs
HOT SPRING
Malvern
DALLAS
Princeton
OUACHITA
Camden
Ouachita
CLARK
Arkadelphia
Amity
MONTGOMERY
Mount Ida
PIKE
Murfreesboro
NEVADA
Prescott
COLUMBIA
Magnolia
HEMPSTEAD
Hope
Fulton
LAFAYETTE
Spring Bank
MILLER
Texarkana
Red River
LITTLE RIVER
White Cliffs
SEVIER
HOWARD
Grannis
POLK
Mena
SCOTT
Waldron
Umphers
SEBASTIAN
Fort Smith
CRAWFORD

Mean Annual Temperature and Total Precipitation.



MISCELLANEOUS PHENOMENA, 1931

Number of reports and number of days on which reported

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Excessive rain			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January	....	....	....	....	....	6	4	39	14	13	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
February	....	....	....	....	....	12	5	23	13	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
March	2	1	....	....	....	79	12	2	2	16	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
April	1	1	4	2	$ 5,000	194	18	16	9	....	....	....	....	....	....	....	1	1	0	0	$ 10,000	....	....	....	....	....
May	2	1	3	2	$ 55,000	187	17	14	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
June	....	....	2	1	$100,000	430	26	2	2	....	....	....	....	3	2	$ 10,000	....	....	....	....	....	....	....	....	4	$ 300
July	....	....	2	1	$ 15,000	593	30	18	6	....	....	....	....	8	4	$ 45,500	....	....	....	....	....	....	....	....	6	$ 5,000
August	....	....	....	....	....	365	27	39	19	....	....	....	....	....	....	....	....	....	....	....	....	1	1	$ 20,000	2	$ 1,500
September	....	....	....	....	....	140	21	18	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
October	....	....	....	....	....	131	15	61	16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
November	....	....	....	....	....	57	15	50	12	7	2	....	....	4	1	$ 18,500	....	....	....	....	....	....	....	....	....	....
December	....	....	....	....	....	131	19	116	29	11	6	....	....	1	1	$ 5,000	5	4	3	33	$1,263,025	2	2	$ 27,300	....	$ 500
Year	5	3	11	6	$175,000	2325	209	398	141	49	23	....	....	16	8	$ 79,000	6	5	3	33	$1,273,025	3	3	$ 47,300	13	$ 7,300

EXCESSIVE PRECIPITATION FOR 1931

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
May 29	4:10 p.m.	6:15 p.m.	0.92	4:26 p.m.	4:46 p.m.	0.02	0.09	0.29	0.67	0.84	......	......	......	......	......	......	......	......	......	......
June 6-7	9:55 p.m.	D.N.a.m.	0.84	11:06 p.m.	11:26 p.m.	0.32	0.08	0.15	0.33	0.45	......	......	......	......	......	......	......	......	......	......
July 20	8:50 p.m.	10:40 p.m.	1.31	9:07 p.m.	9:32 p.m.	0.02	0.25	0.60	0.84	1.00	1.07	......	......	......	......	......	......	......	......	......
Aug. 4	3:50 a.m.	1:20 p.m.	4.35	6:30 a.m.	7:08 a.m.	1.68	0.09	0.17	0.22	0.29	0.36	0.56	0.64	0.71	......	......	......	......	......	......
Aug. 4	3:50 a.m.	1:20 p.m.	4.35	4:39 a.m.	5:23 a.m.	0.18	0.10	0.16	0.26	0.44	0.59	0.78	0.95	1.08	1.13	......	......	......	......	......
Aug. 4	3:50 a.m.	1:20 p.m.	4.35	9:05 a.m.	9:38 a.m.	2.66	0.12	0.34	0.52	0.70	0.73	0.90	0.97	......	......	......	......	......	......	......
Aug. 17	2:00 a.m.	4:20 a.m.	0.81	3:15 a.m.	3:28 a.m.	0.24	0.21	0.49	0.56	......	......	......	......	......	......	......	......	......	......	......
Oct. 13	7:05 a.m.	12:45 p.m.	1.11	8:41 a.m.	9:01 a.m.	0.10	0.09	0.23	0.49	0.70	......	......	......	......	......	......	......	......	......	......
Oct. 22-23	7:30 p.m.	7:05 a.m.	3.24	10:55 p.m.	12:00 mid	0.20	0.15	0.25	0.39	0.50	0.58	0.60	0.62	0.67	0.73	0.76	1.04	1.17	......	......
Oct. 22-23	7:30 p.m.	7:05 a.m.	3.24	12:42 p.m.	1:30 a.m.	1.62	0.15	0.28	0.40	0.44	0.49	0.59	0.65	0.87	0.98	1.04	......	......	......	......
Nov. 23-24	7:10 p.m.	4:10 a.m.	1.18	7:46 p.m.	8:10 p.m.	0.07	0.22	0.24	0.28	0.46	0.63	......	......	......	......	......	......	......	......	......
LITTLE ROCK, ARK.																				
Mar. 27	7:30 a.m.	12:15 p.m.	0.55	7:45 a.m.	7:52 a.m.	0.01	0.42	0.46	......	......	......	......	......	......	......	......	......	......	......	......
Apr. 13	8:22 p.m.	8:47 p.m.	0.51	8:26 p.m.	8:38 p.m.	0.01	0.27	0.44	0.50	......	......	......	......	......	......	......	......	......	......	......
Apr. 25	7:55 p.m.	9:41 p.m.	1.20	8:39 p.m.	9:01 p.m.	0.15	0.15	0.45	0.60	0.78	0.85	......	......	......	......	......	......	......	......	......
Apr. 30	5:45 p.m.	D.N.p.m.	2.77	6:41 p.m.	7:31 p.m.	0.09	0.20	0.34	0.39	0.41	0.47	0.69	0.86	1.28	1.72	1.88	......	......	......	......
June 20	4:03 p.m.	7:45 p.m.	0.99	4:26 p.m.	4:50 p.m.	0.01	0.24	0.42	0.67	0.79	0.85	......	......	......	......	......	......	......	......	......
July 20	12:07 p.m.	1:40 p.m.	0.77	12:14 p.m.	12:58 p.m.	0.01	0.13	0.17	0.20	0.32	0.42	0.45	0.50	0.60	0.67	......	......	......	......	......
July 24	6:03 p.m.	8:48 p.m.	1.27	6:11 p.m.	6:55 p.m.	0.01	0.05	0.12	0.29	0.42	0.67	0.86	0.93	1.05	1.13	......	......	......	......	......
Nov. 19-20	7:05 p.m.	3:20 a.m.	2.22	1:03 a.m.	1:12 a.m.	1.40	0.31	0.47	......	......	......	......	......	......	......	......	......	......	......	......
Dec. 12-13	6:55 p.m.	D.N.a.m.	3.35	9:10 p.m.	10:00 p.m.	0.17	0.05	0.11	0.25	0.40	0.49	0.61	0.68	0.72	0.72	0.87	......	......	......	......
Dec. 12-13	......	......	......	10:00 p.m.	10:50 p.m.	......	1.06	1.18	1.29	1.29	1.29	1.38	1.44	1.54	1.57	1.60	......	......	......	......
Dec. 12-13	......	......	....	10:50 p.m.	11:30 p.m.	......	1.62	1.63	1.65	1.75	1.81	1.95	2.00	2.07	......	......	......	......	......	......
Dec. 12-13	6:55 p.m.	D.N.a.m.	3.35	12:18 a.m.	12:57 a.m.	2.29	0.16	0.39	0.43	0.45	0.53	0.64	0.72	0.80	......	......	......	......	......	......
Dec. 25	9:40 p.m.	11:00 p.m.	1.00	9:57 p.m.	10:55 p.m.	0.01	0.07	0.14	0.30	0.40	0.46	0.52	0.63	0.73	0.86	0.88	0.99	......	......	......
Memphis, Tenn.																				
July 13	3:13 p.m.	4:15 p.m.	0.39	3:31 p.m.	3:39 p.m.	0.01	0.23	0.33	......	......	......	......	......	......	......	......	......	......	......	......
Aug. 19	12:22 p.m.	1:30 p.m.	0.76	12:27 p.m.	12:46 p.m.	0.01	0.22	0.36	0.45	0.66	......	......	......	......	......	......	......	......	......	......
Nov. 17	10:35 a.m.	6:01 p.m.	1.63	1:41 p.m.	1:57 p.m.	0.19	0.31	0.54	0.69	0.73	......	......	......	......	......	......	......	......	......	......
Dec. 12-13	10:35 a.m.	6:10 a.m.	2.51	3:13 a.m.	3:34 a.m.	1.10	0.17	0.35	0.54	0.77	0.80		......	......	......	......	......	......	......	......
Dec. 30-31	11:17 a.m.	3:20 a.m.	3.65	2:13 p.m.	2:55 p.m.	1.10	0.25	0.43	0.55	0.57	0.60	0.78	0.88	0.94	0.97	......	......	......	......	......

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1931

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	-0.1	-0.6	-0.4	5.2	-0.6	2.0	7.0	2.8	4.0	4.5	0.0	2.9	4.0	-0.8	0.9	2.2	-1.0	-0.3	2.4	-1.0	-0.2	1.5	-1.2	-0.5	1.4	-1.3	-0.8	0.5	-1.2	-0.7	10.5	-1.4	0.3	17.3	2.8	6.
Arkansas City	8.0	3.4	5.4	19.8	4.3	10.7	21.8	17.2	19.8	33.6	17.6	27.8	29.9	18.3	23.4	22.5	11.3	16.9	12.5	7.3	9.2	12.8	6.8	8.6	12.6	3.3	8.3	10.1	3.4	6.6	22.0	1.5	5.5	38.1	23.3	30.
Batesville	6.0	5.2	5.6	23.8	5.1	12.7	18.6	9.0	11.9	15.6	9.2	12.1	15.0	7.4	10.2	10.4	5.8	7.8	8.1	4.7	5.5	17.9	5.8	8.6	9.3	4.2	5.3	5.4	4.2	4.6	7.9	4.3	4.9	13.0	5.3	7.
Big Lake Outlet	4.0	3.8	4.0	6.5	3.8	5.4	8.6	5.4	6.8	7.7	6.0	6.7	7.4	5.3	6.3	5.4	4.2	4.7	4.2	3.4	3.8	4.6	3.2	3.9	4.7	3.1	3.7	3.1	2.8	2.9	5.2	2.9	3.6	9.0	5.6	7.
Black Rock	2.5	1.9	2.1	11.6	2.2	8.0	17.5	4.8	10.4	9.5	6.0	7.2	8.0	4.4	5.9	4.6	2.6	3.5	3.5	1.5	2.4	7.5	1.4	2.9	2.8	0.5	1.3	1.6	1.2	1.4	4.5	0.9	1.8	14.3	2.4	3.
Calico Rock	1.3	0.6	1.0	17.0	0.5	6.6	10.5	3.4	5.7	9.1	3.5	6.0	9.0	2.1	4.5	5.1	1.0	2.6	3.0	-0.2	0.7	11.2	1.1	3.4	3.3	-.04	0.5	0.9	-0.5	0.0	2.0	-0.3	0.2	3.1	0.2	1.
Camden	9.3	4.9	6.5	19.4	4.6	11.6	22.0	11.0	15.4	22.0	6.1	10.2	15.0	4.3	7.4	7.8	3.9	4.7	12.6	3.7	5.6	11.8	3.6	4.9	6.0	3.9	4.5	4.8	3.9	4.3	10.9	4.3	5.3	34.9	12.0	24.
Clarendon	12.1	9.7	10.7	27.0	9.2	18.5	26.8	24.6	25.2	24.9	21.0	23.0	23.4	14.9	20.0	19.6	11.3	15.6	12.5	8.5	10.4	18.9	10.4	13.4	13.0	7.4	9.7	7.5	6.9	7.1	10.1	6.8	7.6	23.3	11.2	18.
Cotter	3.4	2.8	3.1	13.6	2.8	6.9	8.7	4.6	6.0	9.8	4.6	6.8	9.0	3.7	5.2	5.7	3.1	4.2	5.0	2.3	2.9	12.6	3.0	5.1	4.9	2.4	3.0	3.1	2.2	2.6	3.7	2.3	2.6	4.8	2.4	3
Danville	2.2	2.0	2.1	21.3	1.9	12.4	19.1	4.8	9.8	18.8	4.7	7.6	15.0	3.3	7.0	9.9	1.8	2.8	3.9	1.1	1.6	12.5	1.2	3.3	3.6	0.9	1.4	2.6	0.6	1.0	6.2	0.6	1.4	15.3	2.2	5.
Dardanelle	4.7	2.9	4.1	14.2	3.6	8.4	10.6	5.6	7.2	13.5	6.8	8.6	10.5	5.7	8.5	12.0	4.8	7.5	7.8	3.4	4.4	8.7	3.7	5.0	5.0	2.0	3.0	10.9	2.0	4.4	16.7	2.5	6.0	15.4	4.8	7.
De Valls Bluff	9.0	6.6	7.7	22.6	6.2	15.9	21.9	19.9	20.9	21.0	17.5	19.2	20.4	11.8	16.7	17.4	8.2	12.0	9.5	5.5	7.3	17.0	7.4	10.6	10.4	4.0	6.4	4.2	3.5	3.7	7.3	3.3	4.4	18.9	9.2	14.
Fort Smith	4.8	4.0	4.3	14.2	3.3	8.0	11.5	4.9	7.1	14.0	7.3	9.2	12.2	6.2	9.3	13.4	4.8	8.0	10.3	3.5	5.0	10.4	3.2	5.2	6.2	1.9	3.0	12.6	2.2	5.4	19.0	2.6	7.4	17.7	5.8	8.
Fulton	7.8	5.6	6.3	18.5	5.3	12.3	17.6	9.1	13.3	17.3	7.8	10.2	16.2	6.9	9.5	7.8	5.0	6.2	15.8	4.0	6.4	12.4	4.0	5.7	7.3	3.0	4.0	17.8	2.8	6.1	15.8	4.5	7.6	18.3	10.0	14.
Georgetown	4.6	2.7	3.5	21.5	2.3	14.5	20.1	14.8	18.2	19.0	13.6	16.0	18.0	7.5	12.7	14.5	3.6	7.6	5.3	1.4	3.1	14.7	3.3	6.7	6.6	0.4	2.4	0.4	-0.2	0.0	4.0	-0.3	0.8	13.9	5.3	9.
Gilbert	3.3	3.1	3.2	18.8	3.1	5.5	10.0	4.0	5.3	7.9	4.2	5.2	16.0	2.7	5.0	10.0	3.2	4.5	3.6	2.9	3.0	4.6	2.9	3.2	3.0	2.6	2.8	2.7	2.5	2.5	3.2	2.6	2.7	3.5	2.9	3.
Helena	6.6	1.5	3.8	14.9	2.8	7.6	16.8	11.8	14.3	30.3	11.6	23.7	25.8	13.8	19.0	17.4	8.3	13.1	11.3	6.3	8.2	11.1	5.4	6.8	11.9	2.6	7.3	9.8	3.2	6.4	19.2	1.2	5.3	36.2	20.3	27.
Index	9.2	7.5	7.8	16.8	7.3	11.8	15.6	9.0	12.1	14.5	7.0	10.1	15.7	8.0	10.1	9.4	7.0	7.8	14.0	6.0	7.8	10.0	6.0	7.3	7.3	5.3	5.9	18.0	5.0	8.3	15.2	6.9	9.4	13.6	9.9	12.
LITTLE ROCK	0.6	-0.3	0.1	13.0	-0.6	5.8	8.1	2.8	4.8	11.5	3.4	5.7	10.1	1.9	5.7	8.8	1.2	4.2	4.1	-1.0	0.2	4.6	-0.3	0.9	0.9	-2.8	-1.4	7.0	-2.9	-0.3	14.4	-2.1	1.7	14.2	2.5	6.
Madison	1.2	0.9	1.0	7.2	0.8	3.2	9.5	4.9	6.3	10.4	5.2	7.8	6.9	3.5	5.1	3.3	1.4	2.3	2.6	0.8	1.6	1.9	0.9	1.4	2.2	0.2	1.4	0.3	-0.2	0.1	2.0	0.2	0.6	16.8	2.5	10.
Marked Tree	1.8	1.6	1.7	5.3	1.6	3.3	7.1	4.4	5.5	6.6	4.4	5.3	5.1	3.2	4.4	3.2	1.8	2.4	3.0	0.5	1.9	3.2	1.8	2.4	3.3	1.7	2.6	2.9	0.6	1.7	4.0	1.4	2.2	7.6	4.2	6.
Morrillton	0.7	-0.2	0.2	11.9	-0.4	5.5	7.8	2.4	4.2	11.1	3.5	5.6	8.5	2.6	5.7	9.0	1.2	4.2	4.6	-0.8	0.5	5.1	0.2	1.4	1.1	-1.8	-0.5	7.7	-2.1	0.6	15.0	-1.0	2.6	13.8	2.3	5.
Newport	2.7	1.8	2.0	22.1	1.7	13.4	19.4	7.9	13.9	16.9	9.0	12.4	16.0	4.8	9.2	10.5	2.4	4.9	4.5	1.2	2.3	15.0	2.3	5.2	5.8	0.5	1.7	1.0	0.4	0.5	4.5	0.3	1.1	14.8	2.5	4.
Ozark	1.0	0.5	0.7	12.0	0.2	5.3	8.5	2.5	4.3	12.0	4.0	6.1	8.0	1.8	5.8	10.0	1.2	4.4	6.3	-0.2	1.1	6.2	-0.1	1.7	2.1	-1.9	-0.8	8.6	-1.9	1.2	14.8	-1.2	3.2	13.3	2.2	5.
Patterson	4.8	3.7	4.2	8.7	3.5	6.5	8.1	6.6	7.6	7.8	4.5	6.0	5.9	4.3	5.0	4.2	2.7	3.3	5.0	2.6	3.2	5.7	2.6	4.3	5.9	2.4	4.1	2.4	1.9	2.1	6.7	2.0	2.9	8.9	7.0	7.
Pine Bluff	5.5	4.3	4.9	15.7	4.0	9.8	13.3	7.9	9.9	15.1	8.3	10.3	14.7	6.6	10.5	13.0	6.3	9.1	8.6	3.4	4.7	9.2	3.7	5.4	5.9	1.5	3.3	11.1	1.5	3.9	17.4	1.9	5.6	17.6	8.0	11.
St. Francis	5.4	4.3	4.9	14.8	4.7	10.0	19.4	6.7	12.4	14.9	8.3	10.6	15.3	7.6	10.1	8.4	4.7	6.2	4.9	3.6	4.2	7.2	3.7	4.7	6.3	3.2	4.1	3.5	3.0	3.2	11.2	2.8	5.2	10.5	6.4	8.
Springbank	11.1	10.0	10.3	20.9	9.8	14.6	21.8	12.6	16.9	20.1	7.9	11.3	15.5	7.5	9.6	8.1	6.5	7.4	16.1	5.0	7.0	14.8	6.9	8.5	8.0	3.7	5.2	18.9	3.2	6.3	14.2	3.8	6.3	16.1	8.6	12.
Whitecliffs	2.0	1.0	1.3	22.7	0.8	11.2	21.3	4.0	10.5	19.6	2.6	5.3	12.0	2.5	5.1	8.0	0.3	1.5	22.3	-0.2	3.5	7.8	0.7	1.7	1.8	0.0	0.6	10.4	-0.3	1.3	13.0	0.6	3.0	24.7	4.6	15.
Yancopin	7.9	5.6	6.6	18.7	5.2	12.4	18.6	12.9	15.4	22.2	16.6	19.7	21.1	11.1	16.8	17.2	10.5	13.4	11.3	6.0	7.4	12.3	6.5	8.2	7.5	3.3	5.3	13.9	2.9	5.3	22.4	3.0	7.2	27.1	17.8	22.

November:—The mean temperature of 57.6° for November equaled the record of the warm November of 1913 and was exceeded only by that of November 1909. All stations for which normals have been computed showed positive departures with several stations in the northern half of the State reporting departures of 7.0° or more. Practically no rain fell in the State until the 10th and then only scatteringly until about the middle of the month, but thereafter showers were frequent with heavy rains occurring on the 20th and during the latter part of the month. Monthly totals ranged from 2.49 inches at Portland to 9.19 inches at Georgetown. On the 20th high winds swept over the southern part of the State causing property damage estimated at several thousand dollars and injuring at least seven persons.

December:—December was the second warmest December on record, all stations with records of 10 years or more showing positive departures. Departures of over 8.0° occurred in northern border counties. Precipitation was 3.70 inches above normal, this being the wettest December since 1892. Rainfall was light in northern border counties and somewhat below normal in the Fort Smith area, but was excessive in the southern half of the State with four stations reporting monthly totals of over 20.00 inches. El Dorado with 23.86 inches established a new record for monthly rainfall in Arkansas. The average number of rainy days was 14 but Highland reported 23 rainy days and Clarendon and El Dorado 21. Tornadoes occurred on the 11th, 12th, and 30th in which three people were killed, 33 injured, the property damage being estimated at $1,263,025.

W. B. O. Little Rock, Ark.—2-19-32—14 00.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., JANUARY, 1932 No. 1

GENERAL SUMMARY

The mean temperature for January 1932 was 5.2° above normal, this being the warmest January since 1923 and the fifth consecutive month with a positive departure. The mild weather of the three preceding months continued for the most part during January. Temperatures were below normal only 5 or 6 days during the month with cold spells occurring during the first decade and the last two days when the lowest was recorded at nearly all stations. Positive departures reached as high as 26° at Little Rock and 28° at Memphis on the 14th. The mean temperature, as determined by the records of 64 stations, was 46.2° which is 5.2° above normal, all stations far which normals have been computed showing positive departures. Monthly means ranged from 46.9° at Dutton to 51.2° at Portland. The highest temperature recorded was 80° at Dumas on the 14th, 16th, and 17th; the lowest 11° at Eureka Springs on the 30th. The greatest daily range was 46°, occurring at Calico Rock on the 20th and at Ozark on the 28th.

This was the wettest January on record, surpassing the corresponding wet months of 1916 and 1930. Rainfall was heavy in nearly all sections of the State and especially so in the basin of the Ouachita River and in the southeastern part of the State. The average precipitation, based on the reports of 96 stations, was 9.67 inches which is 5.43 inches above normal, all stations except Dutton with records of 10 years or more showing positive departures. Monthly totals ranged from 3.35 inches at Dutton to 16.51 inches at Crossett.

Since the 15th of November rainfall has been excessive in the southern portion of the State with a number of stations reporting over 30.00 inches for the two and one-half months period. Crossett since that time has received 41.79 inches with 36.98 inches falling in December and January; El Dorado 44.92 inches with 36.52 inches in December and January; Portland 35.53 inches with 33.04 inches in December and January; Warren 44.67 inches with 35.86 in December and January; and Yancopin 37.64 inches with 31.76 inches in December and January.

Thousands of acres of land were submerged in the lower basin of the Ouachita River during the month. Flood stage at Camden was reached on the 7th and a crest of 38.0 feet occurred on the 9th. The frequent heavy rains prevented much fall and at the close of the month the high water continued. Flood stages occurred on the Petit Jean, Black, and Cache Rivers and on the lower White but only moderately high stages occurred on the Arkansas. The loss resulting from the high water was as follows: On the Ouachita River, $144,000; on White, $15,700; on the Arkansas, $7,500.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	1		8		2		7					4		10	3	5	7	2	1			12	3			2					
Light Hail																															
Heavy Hail																															
Sleet	1			1																					1				11		
Thunderstorms	1			9	9						4	4		14	15	11						3						1	4	1	1

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.01	30.59	18	29.38	12	3,979	25	sw	26	......	......	58
Fort Smith	30.09	30.61	18	29.45	12	6,854	43	sw	26	80	64	48
Little Rock	30.13	30.64	31	29.51	12	6,717	30	se	12	78	62	48
Memphis	30.14	30.67	31	29.53	12	5,753	32	sw	12	79	67	46

COMPARATIVE DATA FOR JANUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**41.0**		**90**		**-28**		**4.24**		**12**	**6**	**3**	**7**
1891	41.6	+0.6	71	26	13	13	5.34	+1.10	10	6	15	10
1892	31.7	−6.3	74	29	−14	19	2.48	−1.76	18	5	8	6
1893	38.5	−2.5	80	27	−13	19	1.13	−3.11	17	8	6	2
1894	43.5	+2.5	77	16	−22	24	3.63	−0.61	13	8	10	7
1895	36.9	−4.1	78	6	− 5	12	5.19	+0.95	9	6	16	8
1896	41.4	+0.4	78	31	4	4	4.09	−0.15	10	6	15	8
1897	38.9	−2.1	76	1	− 2	27	3.78	+2.54	13	5	13	8
1898	45.5	+4.5	81	10	10	2	7.93	+3.69	10	8	13	9
1899	39.3	−1.7	75	13	− 9	31	5.91	+1.67	12	6	13	7
1900	43.4	+2.4	78	24	1	29	2.69	−1.55	13	7	11	7
1901	45.6	+4.6	78	14	7	1	2.21	−2.03	16	7	8	5
1902	38.0	−3.0	79	9	2	26	4.13	−0.11	11	6	14	8
1903	40.2	−0.8	80	29	7	12	2.60	−1.64	13	8	10	6
1904	38.9	−2.1	75	20	− 5	26	3.81	−0.43	15	8	8	6
1905	33.3	−7.7	73	1	13	15	4.58	+0.34	12	8	11	6
1906	43.1	+2.1	82	18	− 2	23	5.19	+0.95	11	5	12	6
1907	49.2	+8.2	82	7	− 8	26	5.80	+1.56	8	7	16	11
1908	41.7	+0.7	78	2	6	16	3.75	−0.49	14	7	10	7
1909	43.8	+2.8	82	25	−19	12	1.79	−2.45	4	7	20	6
1910	41.8	+0.8	78	1	− 7	7	2.59	−1.65	16	6	9	6
1911	47.6	+6.6	86	31	− 9	3	1.02	−3.22	8	10	13	6
1912	34.3	−6.7	79	26	−16	7	3.01	−1.23	13	10	8	6
1913	44.0	+3.0	78	5	− 1	8	8.45	+4.21	12	7	12	10
1914	46.6	+5.6	82	19	7	31	1.57	−2.67	13	9	9	4
1915	39.3	−1.7	74	14	− 3	28	4.38	+0.14	10	6	15	8
1916	44.3	+3.3	82	11	− 6	14	9.39	+5.15	8	4	19	12
1917	44.0	+3.0	82	29	− 4	14	3.66	−0.58	11	5	15	7
1918	27.3	−13.7	80	25	−23	13	4.39	+0.15	13	4	14	8
1919	41.4	+0.4	75	13	− 3	4	3.00	−1.24	16	5	10	6
1920	39.6	−1.4	82	20	11	4	6.49	+2.25	12	4	15	8
1921	46.9	+5.9	85	29	6	14	2.07	−2.17	11	6	14	6
1922	39.1	−1.9	74	4	4	19	2.63	−1.61	8	5	18	7
1923	48.6	+7.6	80	14	15	23	5.78	+1.54	14	5	12	9
1924	36.1	−4.9	79	31	− 6	5	3.19	−1.05	15	3	13	7
1925	40.8	−0.2	76	6	− 4	28	2.68	−1.56	14	4	13	8
1926	40.5	−0.5	77	20	−17	23	4.69	+0.45	13	6	12	7
1927	42.6	+1.6	79	2	− 1	15	5.41	+1.17	14	3	14	10
1928	42.7	+1.7	90	11	−10	3	2.05	−2.19	16	6	9	5
1929	39.4	−1.6	79	18	2	2	5.08	+0.84	12	5	14	10
1930	33.8	−7.2	74	1	−28	22	9.16	+4.92	11	3	17	12
1931	42.3	+1.3	76	25†	0	15	1.14	−3.10	15	6	10	5
932	46.2	+5.2	80	14†	11	30	9.67	+5.43	12	5	14	11

NOTE

Beginning with January, 1932, the normals for all sub-stations are based on data up to and including the year 1930.

Climatological Data for January. 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing dtreciton of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	45.6	+2.4	75	14	22	30†	39	10.28	+5.73	3.35	0.0	9	9	13	9	sw.	J. W. Campbell
Arkadelphia	Clark	250	36	....	....	....	....	....	....	....	11.96	+7.46	3.66	T.	14	14	1	16	n.	W. K. Bown
Arkansas City	Desha	145	45	....	....	....	....	....	....	....	14.41	+9.90	2.64	0.0	12	11	3	17	....	Herbert Neff
Arlberg	Stone	700	10	....	....	....	....	....	....	....	8.25	....	3.08	0.0	6	13	5	13	ne	J. D. Reeves
Batesville	Independence	277	33	42.7	+4.8	70	13†	16	31	41	9.50	+4.97	2.61	T.	10	13	1	17	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	45.5[a]	+5.0	71	14	25[c]	7†	29[c]	8.64	+4.25	2.92	0.0	13	13	5	13	s.	J. E. Scanlan
Bentonville	Benton	1303	27	41.1	+4.9	73	14	13	30	32	6.53	+3.79	2.28	0.0	12	15	5	11	s.	U. S. Weather Bure
Big Lake Outlet ‡‡	Mississippi	....	2	....	....	....	....	....	....	....	8.85	....	3.70	0.0	10	12	0	19	....	Harry Johnson
Black Rock	Lawrence	259	30	....	....	....	....	....	....	....	9.64	+5.09	2.04	0.0	12	13	3	15	n.	Vernon C. Howe
Blytheville	Mississippi	252	7	46.8	....	70	14	23	30	28	9.85	....	2.97	T	16	7	4	20	s.	Charles Phillips Jr.
Booneville	Logan	465	18	45.8	+5.6	77	14	18	30	37	7.79	+3.45	2.36	0.0	9	15	4	12	w.	F. H. Randolph
Brinkley	Monroe	205	45	47.1	+5.3	77	14	22	30	32	11.13	+6.03	2.00	T.	13	12	6	13	se.	R. J. Torry
Calico Rock	Izard	361	28	42.8	+7.0	75	14	18	30†	46	5.67	+2.08	2.04	0.0	10	7	16	8	nw.	W. J. Copp
Camden	Ouachita	158	47	47.8	+3.4	76	13†	23	30†	40	11.43	+6.50	3.83	0.0	14	9	3	19	s.	Georgia Quarterman
Carthage	Dallas	....	26	....	....	....	....	....	....	....	10.80	+5.93	3.55	0.0	9	14	3	14	....	C. R Tewalt
Center Point	Howard	470	33	48.8	+4.2	75	14	19	30	29	9.71	+5.64	2.27	0.0	10	13	6	12	se.	John C. Floyd
Clarendon	Monroe	172	28	....	....	....	....	....	....	....	11.03	+6.51	1.76	0.0	15	10	0	21	e.	J. W. Bishop
Clinton	Van Buren	516	11	....	....	....	....	....	....	....	8.95	+4.91	3.24	0.0	7	13	8	10	sw.	A. L. Stephens
Conway	Faulkner	309	49	47.0	+5.3	73	14	24	30	32	6.68	+2.32	1.22	0.0	13	17	4	10	w.	E. E. Cordrey
Corning	Clay	293	39	44.9	+7.5	74	14	19	30	29	8.53	+4.21	1.94	T.	9	10	5	16	sw.	Winfred D. Polk
Cotter	Baxter	408	5	....	....	....	....	....	....	....	4.69	....	1.60	0.0	9	15	3	13	nw.	O. B. McSpadden
Crosset	Ashley	175	20	50.4	....	76	16	25	31	41	16.51	+11.35	4.02	0.0	14	11	2	18	s.	G. A. Gifford
Danville	Yell	327	16	....	....	....	....	....	....	....	8.42	+4.[illegible]	2.30	0.0	7	15	0	16	w.	C. G. Hudson
Dardanelle	Yell	330	46	47.0	+6.5	79	14	22	30	33	8.45	+4.99	2.18	0.0	11	8	10	13	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	....	....	....	....	....	....	....	12.07	....	2.07	0.0	11	13	2	16	....	H. G. Pate
Dumas	Desha	162	26	50.4	+6.8	80	14†	25	31	35	13.87	+8.88	2.25	0.0	12	11	8	12	n.	Ben Johnson
Dutton	Madison	1590	29	40.9[a]	+5.5	75	14	19[b]	20†	42[b]	3.35	−0.23	1.27	0.0	5	19	3	9	n.	J. M Ricketts
El Dorado	Union	270	31	51.1	+5.3	77	14	26	30	30	12.65	+8.51	2.90	0.0	16	12	3	16	se.	J. J. Babb
England	Lonoke	229	25	47.8	+5.4	73	15	25	31	31	9.52	+4.89	2.04	T.	15	13	4	14	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	43.5	+5.6	73	14	11	30	35	7.41	+4.21	2.72	0.0	11	13	5	13	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	43.1	+5.3	73	14	11	30	37	7.89	+5.03	2.77	T.	14	12	8	11	sw.	University of Arkans
Fort Smith	Sebastian	457	55	44.5	+5.0	78	14	21	30	33	5.96	+3.42	1.90	0.0	13	12	7	12	e.	U. S. Weather Bure
Freeman Springs ‡‡	Pope	2240	8	....	....	....	....	....	....	....	7.15	....	2.68	T.	11	17	4	10	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	46	....	....	....	....	....	....	....	11.28	+6.93	4.25	T	10	13	1	17	....	T. J. Logan
Georgetown	White	200	20	....	....	....	....	....	....	....	12.16	+6.78	3.60	0.5	11	12	1	18	....	W. R. Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	5.51	....	2.01	0.0	9	16	4	11	....	Ben F. Battenfield
Grannis	Polk	900	13	45.4	+4.8	75	14	17	30	32	12.44	+7.56	2.86	T.	15	13	4	14	ne.	W. E. McVay
Gravette	Benton	1250	35	41.4	+5.0	69	13	12	30	34	6.65	+3.93	2.05	0.0	9	14	5	12	sw	A. F. Stevens
Harrison	Boone	1052	32	42.8	+6.6	74	14	15	30	36	6.03	+2.97	1.75	0.0	10	20	3	8	.	Louis R. Keck
Helena	Phillips	250	60	48.2	+5.6	76	15	22	30	30	13.31	+7.97	2.12	T.	13	10	4	17	ne	James A. Burnett
Higden	Cleburne	445	13	....	....	....	....	....	....	....	7.71	+3.69	2.90	0.0	10	6	4	21	sw.	Geo. W. Baker
Highland	Pike	....	12	48.4	....	75	14	23	30	31	11.67	+6.92	2.40	0.0	12	9	8	14	s	Tom W. Stewart
Hope	Hempstead	377	61	45.9	+0.7	69	14†	21	30	28	12.50	+7.58	2.30	0.0	12	15[a]	3[a]	12[a]	ne.	N. P. O'Neal
Hot Springs	Garland	600	41	48.0	+5.0	72	14	23	30	26	11.86	+6.97	3.24	0.0	12	8	16	7	....	G. C. Bolton
Index ‡‡	Little River	275	7	....	....	....	....	....	....	....	9.13	....	3.10	0.0	13	11	0	20	....	H. G. Sanderson
Jessieville	Garland	750	6	....	....	....	....	....	....	....	6.89	....	3.00	0.0	12	8	11	12	....	U. S. Forest Service
Jonesboro	Craighead	345	37	45.8	+5.8	75	14	21	30	37	10.32	+5.27	2.20	T.	13	15	8	8	sw.	Benedictine Sisters
Junction ‡‡	Union	182	37	49.5	+3.9	75	15	25	30	32	11.65	+7.75	2.95	0.0	7	14	4	13	n.	J. A. Lowderback
Lead Hill	Boone	650	26	43.4	+6.1	77	14	15	30	43	6.07	+3.17	2.09	0.0	11	17	3	11	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	48.0	+6.6	74	14	25	30	30	11.38	+6.65	3.35	T	13	10	6	15	n.	U. S. Weather Bur
Lurton	Newton	2100	7	41.3[a]	....	65	14†	13[c]	30	30[c]	7.39	....	1.62	T.	14	13	4	14	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	44.5	+4.7	76	14	16	30	34	7.48	+3.62	2.31	T.	12	15	3	13	e.	H. G. Lenhardt
Madison	St. Francis	....	2	....	....	....	....	....	....	....	10.66	....	1.94	0.0	11	11	0	20	....	William G. Hager
Magnolia	Columbia	315	16	50.6	+4.3	75	14	24	30	30	11.03	+5.58	2.50	0.0	10	14	6	11	sw.	State Agri. School
Malvern	Hot Springs	277	45	48.2	+5.4	76	14	21	30	35	11.84	+6.21	3.66	0.0	14	16	3	12	s.	Mrs. W. L. Matthe
Mammoth Spring	Fulton	600	27	43.2	+6.2	72	14	16	30†	39	4.93	+1.10	1.56	0.0	10	16	5	10	sw.	S. F. Whittaker
Marianna	Lee	235	20	49.6	+8.4	74	13†	25	30	33	9.96	+5.37	1.88	0.0	11	11	4	16	nw.	C. N. Houck
Marked Tree	Poinsett	229	27	45.2	+6.9	72	14	23	30†	30	10.89	+5.36	2.85	T.	12	13	5	13	n.	Charles Walton
Marshall	Searcy	1070	18	43.3	+4.4	71	14	15	30	34	4.85	+1.05	1.62	0.0	8	18	1	12	sw.	A. J. Parks
Mena	Polk	1185	44	45.0	+3.8	73	14	16	30	34	10.83	+6.96	2.95	0.0	9	9	10	12	n.	E. W. St. John
Morrillton	Conway	347	9	*46.0*	....	72	13†	25	30	37	6.81	....	3.15	0.0	10	10	2	19	nw.	John Cook
Mountain Home	Baxter	800	18	43.8	+7.6	76	14	15	30	37	4.40	+1.22	1.38	0.0	7	16	1	14	w.	R. S. Halbert
Mount Ida	Montgomery	650	33	45.1	+4.7	77	13	14	30	38	9.74	+5.39	2.70	0.0	12	13	5	13	nw.	G. A. Whittington
Newport	Jackson	231	48	46.2	+6.9	73	14	22	30	27	9.68	+4.69	2.46	T.	14	12	5	14	n.	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	9.75	....	3.96	0.0	10	15[a]	5[a]	10[a]	....	U. S. Forest Service
Oden	Montgomery	800	6	....	....	....	....	....	....	....	10.25	....	3.27	T.	13	16	3	12	se.	U. S. Forest Service
Okay	Howard	288	3	49.0	....	76	14	25	7†	33	10.18	....	2.16	0.0	13	13	6	12	s	Charles R. Jackson
Osceola	Mississippi	240	34	46.8	+7.2	72	13†	23	30	29	11.23	+6.40	3.27	0.0	13	9	7	15	s.	Charles H. Hampto
Ozark	Franklin	396	37	42.6	+2.1	75	14	17	31	46	7.45	+4.66	2.10	0.0	11	14	3	14	e.	Orkney O. Milton
Paragould	Greene	301	9	....	....	....	....	....	....	....	9.24	....	1.82	0.0	12	14	5	12	se.	W. R. Heagler
Parkin	Cross	....	2	....	....	....	....	....	....	....	11.40		2.67	0.0	13	10	3	18	....	P. D. Roberts
Patterson	Woodruff	196	16	....	....	....	....	....	....	....	13.01	+7.80	4.90	0.0	10	16	0	15	s.	W. E. Baker
Piggott	Clay	307	7	....	....	....	....	....	....	....	8.70	....	1.73	T.	12	12	4	15	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	49.5	+6.2	79	14	25	30†	35	11.61	+6.48	2.02	0.0	14	7	15	9	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	44.4	+6.1	73	15	17	30	32	8.29	+3.83	1.93	0.0	11	12	1	18	n.	Benedictine Sisters
Portland	Ashley	122	26	51.2	+4.8	77	16	28	31	31	14.62	+10.36	3.92	0.0	14	5	8	18	n.	W. E. Edmiston
Prescott	Nevada	329	44	48.4	+4.4	76	14	21	30	35	12.46	+7.95	4.62	T.	9	15	3	13	w.	Craig Williams
Rison	Cleveland	213	31	50.1	+5.9	77	14	24	30	40	12.78	+7.45	2.95	0.0	11	14	4	13	n.	Mrs. M. V Tisdal
Rogers	Benton	1385	41	43.4	+6.6	74	14	12	30	40	8.88	+6.30	3.17	0.0	9	14	4	13	s.	Carl A. Starck
Saint Charles	Arkansas	175	3	50.4[c]	....	73[c]	14	25[c]	30†	34[c]	13.11	....	2.40	0.0	11	7[c]	5[c]	16[c]	s.	Ballard Deane
Saint Francis	Clay	240	4	....	....	....	....	....	....	....	9.29	....	1.80	0.0	12	11	7	13	....	S. T. Rooney
Searcy	White	236	22	46.0	+6.3	75	14	20	30	31	10.92	+6.31	2.75	0.0	13	16	1	14	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	25	....	....	....	....	....	....	....	12.81	+8.60	4.30	0.0	13	10	1	20	....	Miss Grace Field
Story	Montgomery	700	8	....	....	....	....	....	....	....	8.06	....	4.10	0.0	9	12	7	12	s.	S. C. Story
Stuttgart	Arkansas	228	45	48.6	+6.1	77	14	24	29	32	10.77	+5.74	1.90	0.0	13	12	5	14	n.	Adam F. Buerkle
Subiaco	Logan	1050	35	44.9[a]	+3.6	79[a]	14	19[a]	30	37[a]	7.44	+3.09	2.14	0.0	11	17[a]	2[a]	11[a]	s.	New Subiaco Abbe
Sunset	Washington	....	1	41.3[c]	....	68	14	12	30	35	5.98	....	1.85	0.0	10	11	9	11	se.	Walter James
Texarkana	Miller	332	46	48.4	+2.4	76	14	21	30	33	10.00	+6.35	4.30	0.0	8	14	6	11	n.	H. S. Brashear
Thornburg	Perry	650	11	45.2	....	78	14	19	7	37	8.80	+4.28	2.62	T.	11	16	7	8	s.	Edward E. Holmes
Waldron	Scott	675	13	....	....	....	....	....	....	....	9.09	+5.13	2.76	T.	6	13	5	13	nw.	Dr. Cheves Bevill
Warren	Bradley	206	38	49.1	+4.1	75	14	25	30	31	14.32	+9.72	2.52	0.0	13	17	4	10	se.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	....	....	....	....	....	....	....	10.18	....	3.70	0.0	8	12	6	13	w.	J. R. Huddleston
Whitecliffs	Little River	290	28	....	....	....	....	....	....	....	10.91	+7.18	4.55	0.0	10	9	4	18	e.	Nannie O. Schirme
Wilson	Mississippi	237	7	44.9	....	75	14	22	29	39	10.43	....	3.00	0.0	14	13	2	16	s.	S.N. Johnson
Wynne	Cross	250	24	46.4	+6.0	74	14	20	31	36	10.16	+5.07	2.20	T.	9	12	6	13	n.	R. T. Cobbs
Yancopin	Desha	167	8	....	....	....	....	....	....	....	12.48	....	1.98	0.0	13	7	4	20	....	W. E. Barton
State Means				46.2	+5.2	80	14†	11	30	46	9.67	+5.43	4.62	0.5	11	12	5	14	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in mea and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:– Big Lake Outlet, Manilla: Freeman Sprin Dover: Index, Route 5, Texarkana; Junction, Route 3, Junction City; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for24 hours ending near sun unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for January, 1932

Stations	Drainage-basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita				.18	3.35							.78			1.97	.22	.36					.36	1.98			1.08						10.28
Arkadelphia	Ouachita	T.			.13	3.66	.10						.80	.14	T.	.52	.17	1.70	T				.02	3.12			1.04		03	.02	.45		11.90
Arkansas City	Mississippi	T.				2.24	.61						2.64	1.83		T.	1.24	.05	.17				.18	.90			1.85			.80	1.90		14.41
Arlberg	White				3.08								.66				1.83						1.73	.72		.23							8.25
Batesville	White					2.61	.07						.67	.37		.55	1.43	1.27					1.27	.84			.42				T.		9.50
Bee Branch	Arkansas	.09			.65	2.92						.09	.46		.10	.50	.75	56					1.46	.55			.46			.05			8.64
Bentonville ***	Arkansas	.03		T.	1.00	.28						.05	.11		T.	.20	2.08					1.73	.33	.16		.54	.02						6.53
Big Lake Outlet	St. Francis					.30	T.						.80	.30		3.70	.25	.90					1.50	1.40	T.		.10	T			.60		8.85
Black Rock	White	T.				2.04	.07						.14	1.01		.60	1.84	1.60	.06				.96	.84			.45	.03			T.		9.64
Blytheville	St. Francis		.06			.88	.13						.99	.68		2.97	.20	.80	.25				.47	1.23	.02		.35	.05		.01	.79		9.88
Booneville	Arkansas	.02			1.10	1.21						.87	.05				1.22					.02	2.36			.94							7.79
Brinkley	White	.03				1.57	.19						1.47	.87	T.	1.78	.08	.88	.20					2.00			.93			.10	1.03		11.13
Calico Rock	White	.06	T.		T.	2.04	.07						.14	.02			.55	.71					1.08	.71			.29						5.67
Camden	Ouachita				.05	3.83	.08						1.57	.21		.12	.33	1.28	.02					.62			1.66		.11	.30	1.25		11.43
Carthage	Ouachita					3.55	.03						1.10	.02		.02		1.65						2.04			1.40				.99		10.80
Center Point	Red				1.75	2.27						.12	.78		.01	T.	1.21						.30	2.02		.50	.75						9.71
Clarendon	White	.06				1.54	.22						1.73	.84	.01	1.76	.10	.60	.32				T	1.44			1.04	.01		.46	.90		11.03
Clinton	White				3.24	.22						T.	.50		T.	.24	1.98					T.	2.35				.42						8.95
Conway	Arkansas	.12			.63	.11						.06	.83		.34	.82	1.02	.38					1.22	.42			.69			.04			6.68
Corning	White					1.94							.25	88		.65	1.73	1.36					.78	.67			.27				T.		8.53
Cotter	White	.09				1.60	.12						.11				.46	.30				T.	1.25	.46			.30						4.69
Crossett	Ouachita					4.02	.15						2.60	1.00		.03	1.34	.20	.07				.04	1.00			3.32		.08	.45	2.21		16.51
Danville	Arkansas					2.30							.56				1.52	.83					1.61	.75			.85						8.42
Dardanelle	Arkansas	.09			.26	2.18	.08						.58	.02			1.10	1.18					1.58	.70			.68						8.45
De Valls Bluff	White					2.00	.10						1.68	.78		2.00	.15	1.20						2.07			.89			.10	1.10		12.07
Dumas	Mississippi				T.	2.00	.22						2.25	1.50	T.	.20	.78	.35	.05					1.55			2.00			1.27	1.70		13.87
Dutton	White	10		T.	1.27	1.17						T.											.01	.80									3.35
El Dorado	Ouachita				.06	2.80	.04						2.90	.40	.03	.46	.34	.80	.05					.56	.01		2.20		.31	.75	.95		12.66
England	Arkansas	.02			.29	.52						.01	1.94		.04	.71	.26	2.04					.87	1.11		.11	.67		.05	.88			9.52
Eureka Springs	White	.15			.80	.65							.14			.37	2.72	.05				.65	1.10	.25			.53						7.44
Fayetteville	White	.10	T.	.01	.81	.72	.03					.03	.09			.23	2.77	.03				.81	1.29	.26			.71						7.89
Fort Smith ***	Arkansas			.02	1.90	.06						.55	.03		.01	.33	1.40					.22	.67	.10		.66	.01						5.96
Freeman Sprgs.	Arkansas	.18			.04	2.68	.26						.38	08			.48	.59					1.67	.46			.33						7.15
Fulton	Red				.60	4.28	T.					T.	1.14			.23	.10	.90					T	2.70		T	.90		T.	.08	.35		11.28
Georgetown	White					2.51	.14						1.02	.68		3.00	.27	1.82					.08	1.51			.45				68		12.16
Gilbert	White					2.01	.28						.21			.02	.44	.27					1.40	.54			.34				T.		5.51
Graunis	Red	.02			1.79	2.86						1.05	.85		.04	.13	1.82	.09				.13	1.88	.67		.48	.60			.03			12.44
Gravette	Arkansas				.84	.64							.12				2.05	.06				1.55	.57	.27			.55						6.65
Harrison	White	.07			1.20	.75						.08	.14				1.75	.01					1.50	.25			.28						6.03
Helena	Mississippi	T.				1.96	.38						2.12	1.40		.30	1.04	.36	.26					1.05			1.32	.18		1.40	1.54		13.31
Higden	White	.10			.48	2.90									.50		1.02	.62					1.35	.34			.41	.02					7.74
Highland	Ouachita				1.64	2.40						.12	.86		.04	2.26	.18	.22					2.02	.51		.19	.63						11.07
Hope	Red				2.00	2.30						.79	.75			.60	1.60	.23					1.40	.93		.80	.40			.70			12.50
Hot Springs	Ouachita				3.24	.76						.75	.16		1.64	1.18	.50	.14					2.43	.02		.93				.11			11.86
Index	Red	.02			.18	3.10	.61					1.04	T.			.04	.05	.21					.02	2.90			.68			.02	.26		9.13
Jessieville	Ouachita			.24		*	3.00						*	.60	*	.10	.52						.42	*	1.11		.90						6.89
Jonesboro	White					1.50	.18						.66	1.01	1.95	.25	2.20	.02					1.02	.80			.36	.02		.35			10.32
Junction	Ouachita					2.95							2.78			.80	1.09									2.00			1.05	.98			11.65
Lead Hill	White	.03			.87	.94	.01						.11			.20	2.09	.04				T.	1.31	.26			.21						6.07
Little Rock ***	Arkansas	T.			2.15	1.27						.48	.27		.60	1.53	1.56	.60					1.95	.04		.56	.08		T.	.29			11.38
Lurton	White	.07	.01		1.60	1.25	.01					.15	.40		.04		1.20	.03				.67	1.62			.31	.03						7.39
Lutherville	Arkansas	.28			1.10	1.30						.10	.29		.02		93	.13				.12	2.31	.28			.62			T.			7.48
Madison	St. Francis					1.36	.25						1.58		.87	T.	1.00	.10	1.10					1.94			.76	T.		.44	1.26		10.66
Magnolia	Red				1.18	2.50							2.04			.12	.06	1.78						.40		1.37			.33	1.30			11.08
Malvern	Ouachita				.13	3.66	.10						.65	.15	.03	1.26	.33	1.75					.05	2.43			1.02			.05	.23		11.84
Mammoth Spg.	White	.12				1.56	.10						.26	.10			.20	.49					.95	.90			.25						4.93
Marianna	St. Francis					1.50							1.84		.15	.85	.30	.60					.10	1.75			.94		.05	1.88			9.96
Marked Tree	St. Francis					1.07	.16						1.26	.92		2.85	.20	.74	.21				.06	2.10			.52				.80		10.89
Marshall	White	T.			.07	1.62						T	.14				.74	.12					1.60	.36			.20						4.85
Mena	Ouachita	.11	T.	T.	.37	2.95	T.						1.35	T.	T.	T.	.55	1.65					1.75	1.31			.79						10.83
Morrillton	Arkansas	T			.20	3.15	.16						.28			32	.30	.34					.52	.96		.58							6.81
Mountain Home	White	.08			.70	.95						T.	.12				.85						1.38	.32			T.						4.40
Mount Ida	Ouachita				1.40	2.70						.33	.54		.07	.72	.98	.10					1.82	.52		.23	.83						9.74
Newport	White	03				2.46	.19						.64	.80	.06	1.52	.37	1.63	.05				.49	.91			.39				.14		9.68
Norman	Ouachita				.24	3.96							.95		.05	.85	.50	.50			T.		.53	1.14			1.03						9.75
Oden	Ouachita	.04		.34	3.27							.94	.78		.48	.06	64	.78					.69	1.22			1.00				.01		10.25
Okay	Red				1.85	2.16						.13	.87		.06	.50	21	.32					1.94	1.00		.29	.63			.22			10.18
Osceola	Mississippi					1.00	.15						1.27	68		3.27	.16	.78	.48				.13	1.77			.44			.11	.99		11.23
Ozark	Arkansas	.19			.11	2.10	.02						.64	.11			.42	1.40					1.19	.39			.88						7.45
Paragould	St. Francis					1.78	.06						.43	.84		1.57	.53	1.82					1.00	.64			.35	.02		T.	.20		9.24
Parkin	St. Francis					1.17	.15						1.45	.92	.03	2.50	.15	.51	.20				2.67				.62			.15	.88		11.40
Patterson	White					2.13							.86	.70		4.00	.26	1.64					.23	1.88			.36				.95		13.01
Piggott	St. Francis	.11				1.73							.98	.17	.01	1.22	.80	1.50					1.23	.51			.30			.14			8.70
Pine Bluff	Arkansas	.12				2.02	.33						1.78	.58	.10	.88	.37	1.12	.10				T.	1.34			1.24			.73	.93		11.64
Pocahontas	White					1.80						.05	1.03		.22	.38	1.93	1.15					.90	.43			.35			.05			8.29
Portland	Ouachita					*	3.35						3.92	1.29		.03	.23	.19					.05	.78			2.15	.05	.17	.49	1.92		14.62
Prescott	Ouachita					4.62							.83	.10		.83	.10	1.89						2.35			1.04				.70		12.46
Rison	Ouachita					2.95							2.41	.44		.80	.35	1.35						1.22			1.63		.10	.75	.78		12.78
Rogers	White			T	.81	.82						T	.14			.68	3.17					.96	1.84	.33			.63						8.88
St. Charles	White					2.40							2.01		.57		.61	1.05					.64	1.53		.20	1.24		1.55	1.31			13.11
St. Francis	St. Francis	T.	.12			1.80	.14						.29	.81	T.	1.30	1.09	1.54					1.18	.64			.30			T.	.08		9.29
Searcy	White	.06				2.75	.10						1.01	.54	.02	2.03	.45	1.87					.09	1.42			.45				.13		10.92
Springbank	Red				.22	4.30							1.26	.05		.02	.30	3.15	T					.80	T.	.02	1.26		.05	.43	.95		12.81
Story	Ouachita					1.10								.32	*	.12	.48	.40					.34	1.10			1.20						8.06
Stuttgart	Arkansas					1.82	.13						1.90	.72	.01	1.20	.09	.92	.07					1.30			1.07			.62	.92		10.77
Subiaco	Arkansas				1.82	.73						.39	.19				1.03	.01				.08	2.14	.28		.18	.59						7.44
Sunset	Arkansas	.10			.70	.78	T.					.04	.18				1.68	.02				.30	1.85	.33			T.						5.98
Texarkana	Red				.50	4.30							1.30			.25		.32						1.95			.93				.45		10.00
Thornburg	Arkansas	.04			1.05	2.62							.46			1.92	.47						1.05	.50		.09	.59			.01			8.80
Waldron	Arkansas					2.57							.85		T	T.	1.58					T.	2.76	.54			.79	T.		T.			9.09
Warren	Ouachita	T.				2.52	.40						2.50	.80	T.	.65	.45	.50	.30				T.	.70	T.		2.50		.50	1.20	1.80		14.32
Waters	Ouachita					3.70						1.11				.77	.74	.72					1.65	.51			.98						10.18
Whitecliffs	Red	.07			.30	4.55							1.10			.34	.32	.15						2.87			1.12			T.	.09		10.91
Wilson	Mississippi				.91	.24							.88	.68		3.00	.11	.78	.38				.06	1.78			.45	.02		.17	.97		10.43
Wynne	St. Francis					1.75	.15						1.25			1.45	.25	.76						2.20			1.20				1.15		10.16
Yancopin	Arkansas					1.95	.23						1.98	1.12		.22	.95	.20	.21					.89			1.90	.03		1.20	1.60		12.48

Daily River Stages for January. 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.0	5.8	5.5	5.5	8.7	14.8	17.4	17.1	15.8	14.2	11.7	10.4	10.7	10.9	10.6	10.2	19.4	21.3	20.3	19.0	16.6	14.3	19.6	22.0	21.3	19.2	19.8	18.6	16.6	14.3	12.3
Ozark	do	22	2.2	2.2	2.2	2.0	6.0	9.2	12.9	13.0	12.4	10.8	9.0	6.4	6.4	6.3	6.2	6.4	14.2	16.8	16.4	15.2	13.2	11.6	14.3	17.1	17.4	16.3	15.4	14.7	13.4	11.8	10.8
Dardanelle	do	20	4.9	4.9	4.9	4.8	8.7	12.2	14.7	16.0	15.4	14.0	12.5	10.8	10.0	9.7	10.0	9.8	13.8	19.2	19.5	18.3	16.9	15.8	16.8	19.4	20.2	19.8	18.4	17.7	16.5	15.0	13.0
Morrillton	do	20	3.7	3.4	3.0	2.5	4.0	10.5	12.5	14.6	14.0	13.5	12.4	11.0	9.4	8.5	8.4	8.3	9.5	17.0	18.9	18.0	16.9	15.5	16.0	18.2	19.8	19.8	18.8	18.0	17.5	15.9	14.0
Little Rock	do	23	7.5	7.2	6.6	5.7	6.6	10.3	13.3	15.6	16.2	15.5	14.3	13.0	11.3	10.2	10.4	10.5	10.8	15.4	18.4	18.5	17.6	16.5	16.3	17.5	19.0	19.5	19.2	18.3	17.9	17.0	15.7
Pine Bluff	do	25	11.7	11.7	11.6	11.4	10.6	12.5	15.9	17.6	19.6	19.3	18.6	17.4	16.3	15.2	14.8	15.0	15.6	16.4	20.6	22.3	21.8	21.1	19.5	20.6	21.8	23.3	23.5	22.7	22.1	21.6	21.1
Yancopin	do	29	27.3	28.0	28.2	28.1	28.0	27.9	28.6	30.0	31.2	31.9	32.1	32.2	32.8	32.2	32.1	32.2	32.6	33.0	34.1	35.1	35.7	36.0	36.3	36.5	36.7	37.1	37.5	37.7	38.1	38.4	38.5
Danville	Petit Jean	20	5.4	5.9	6.3	6.4	18.8	22.7	23.1	22.6	20.9	17.8	14.2	10.7	12.9	15.6	12.6	15.2	20.6	22.6	22.4	20.9	19.1	18.2	22.5	24.2	24.0	22.8	22.3	20.3	19.7	18.7	15.3

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.8	3.7	3.4	3.2	3.5	5.8	6.9	7.1	8.2	7.0	6.5	5.4	5.4	5.0	4.8	4.6	10.6	15.8	14.6	14.5	11.8	8.8	15.0	14.0	12.8	13.6	11.6	9.6	8.6	8.6	7.8
Calico Rock	do	18	1.4	1.7	1.9	1.7	3.3	8.6	7.2	6.4	6.9	6.0	5.0	4.3	4.1	3.7	3.4	3.3	5.3	14.7	13.5	12.9	9.6	7.7	14.7	15.3	14.7	13.2	10.5	9.0	8.0	7.5	6.5
Batesville	do	23	8.3	7.4	7.6	7.2	14.7	13.9	14.9	13.1	12.8	12.8	11.4	10.5	10.0	9.5	9.5	11.7	13.8	19.1	21.7	20.5	18.6	16.1	18.9	23.6	22.4	21.8	19.3	16.8	15.3	14.5	13.5
Newport	do	26	16.0	15.0	14.6	14.0	14.1	18.7	19.7	19.9	19.5	19.3	18.6	17.5	16.6	15.7	15.4	15.5	17.7	19.5	22.8	24.1	24.7	24.3	24.2	25.4	26.3	26.6	26.5	25.9	24.9	23.7	22.6
Georgetown	do	22	19.0	20.2	20.4	20.0	20.1	20.6	21.5	22.2	22.4	22.2	22.0	21.9	21.9	21.7	21.7	21.9	22.2	22.4	22.7	22.9	22.9	23.0	23.4	23.9	24.3	24.5	24.6	24.7	24.8	24.8	24.5
De Valls Bluff	do	24	17.9	19.8	20.9	21.4	21.8	22.1	22.3	22.6	23.0	23.3	23.4	23.4	23.5	28.4	23.4	23.5	23.8	24.8	24.4	24.5	24.5	24.3	24.5	24.7	24.8	25.0	25.2	25.3	25.4	25.7	25.7
Clarendon	do	30	21.6	22.5	23.2	23.8	24.7	25.5	26.0	26.4	26.8	27.3	27.7	28.0	28.4	28.4	28.5	28.7	28.8	29.0	29.2	29.5	29.6	29.6	29.8	29.8	29.8	30.0	30.1	30.1	30.2	30.4	30.4
Gilbert	Buffalo	30	3.6	3.6	3.6	3.6	7.8	7.2	6.2	5.0	4.6	4.4	4.2	4.1	4.0	4.0	3.9	3.9	7.0	6.2	6.0	5.4	4.9	6.0	9.8	7.6	6.6	6.1	5.6	5.0	4.9	4.8	4.7
Black Rock	Black	14	13.7	13.2	13.5	12.6	13.5	16.5	15.5	14.5	13.5	12.7	11.8	11.3	11.5	11.6	11.6	13.4	17.7	19.2	18.0	17.5	16.8	16.8	17.8	18.8	18.7	18.5	18.4	18.3	17.9	17.5	16.8
Arkadelphia	Ouachita	12	8.5	6.3	4.0	3.4	15.0	21.2	19.1	11.0	6.6	5.3	4.3	5.4	6.4	5.4	8.6	15.7	13.8	13.8	11.3	7.4	5.2	5.1	14.0	14.8	12.2	10.4	11.1	8.9	7.7	5.9	4.9
Camden	Ouachita	30	22.6	24.9	25.6	24.1	23.0	26.3	30.4	33.6	37.6	37.7	36.5	35.0	33.4	32.1	31.2	30.5	30.9	31.9	33.3	34.5	34.9	34.3	33.1	32.2	32.5	33.5	34.7	35.0	34.8	34.5	33.7
Fulton	Red	28	11.0	11.4	11.1	10.8	12.8	18.5	23.0	24.5	26.8	27.5	26.8	25.7	25.4	25.7	25.9	25.0	24.0	26.0	27.5	28.0	28.1	27.2	27.3	29.0	29.9	30.8	31.4	31.6	31.6	31.0	29.5
Helena	Mississippi	44	35.7	35.3	34.8	34.3	33.8	33.4	32.9	33.0	33.2	33.5	34.0	35.0	36.0	36.8	37.3	38.1	38.7	39.3	39.9	40.3	41.0	41.5	42.0	42.4	42.8	43.1	43.3	43.4	43.6	43.8	44.0
Arkansas City	do	48	38.2	38.3	38.3	38.2	38.3	38.0	37.8	37.9	38.1	38.6	39.0	39.5	40.0	40.4	40.9	41.5	41.8	42.3	42.7	43.3	43.9	44.7	45.5	46.1	46.5	47.2	47.7	48.3	48.9	49.4	49.7

Daily temperatures for January, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Bee Branch	Maximum	44	47	50	50	62	58	51	47	44	50	49	54	69	71	69	50	59	57	54	63	63	64	52	47	45	53	57	64	61	48	60	55.2
	Minimum	37	36	27	36	39	35	25	28	29	26	35	45	41	51	43	40	44	43	32	..	..	..	38	30	33	39	32	43	40	25	31	35.8
Bentonville	Maximum	37	43	51	42	51	41	48	40	40	57	56	57	70	73	42	55	55	50	54	59	60	42	40	41	48	45	60	65	43	41	51	50.2
	Minimum	33	31	24	37	36	29	29	21	19	30	38	47	50	42	30	37	38	29	29	41	42	37	28	21	29	33	28	43	21	13	26	32.0
Blytheville	Maximum	49	47	56	46	57	59	53	48	44	56	56	59	69	70	68	53	69	53	53	60	64	62	57	51	48	52	55	57	60	39	53	55.6
	Minimum	42	41	34	34	43	40	31	31	31	29	33	49	49	54	45	40	42	40	33	36	47	49	43	32	34	38	34	42	35	23	25	38.0
Booneville	Maximum	41	50	48	47	60	47	55	50	48	54	50	61	75	77	75	52	64	57	62	64	65	63	46	43	43	53	63	66	66	45	54	56.3
	Minimum	36	35	24	39	40	35	23	25	27	30	41	44	46	53	38	43	36	30	25	42	58	41	37	23	30	35	26	51	34	18	30	35.3
Brinkley	Maximum	46	45	53	47	58	58	55	49	47	57	62	57	74	77	72	54	63	56	59	67	71	66	57	47	47	58	61	57	61	44	54	57.4
	Minimum	40	38	25	33	41	39	26	26	28	26	36	46	48	54	52	43	49	34	27	35	46	55	43	33	35	39	29	38	32	22	23	36.8
Calico Rock§§	Maximum	46	46	55	47	63	49	53	46	43	55	52	58	70	75	50	48	66	55	58	69	67	49	45	45	50	55	61	70	44	45	51	54.4
	Minimum	36	37	23	23	39	37	24	25	26	23	26	30	44	47	41	39	39	30	23	23	38	45	43	24	24	29	26	26	41	18	18	31.2
Camden§§	Maximum	45	54	49	57	63	51	56	52	52	57	61	57	76	76	65	70	66	59	60	69	71	66	57	51	46	61	64	64	63	48	55	59.4
	Minimum	36	28	27	29	40	39	26	26	27	28	30	41	46	46	62	51	50	35	29	29	35	51	52	34	34	38	31	30	47	23	23	36.2
Center Point	Maximum	43	54	49	47	58	50	56	53	52	55	53	57	72	75	71	71	62	59	59	66	66	66	62	50	46	57	62	63	63	48	55	58.1
	Minimum	37	27	35	40	42	35	31	30	30	34	43	50	47	59	48	49	45	38	37	42	57	55	42	29	37	36	34	46	37	19	31	39.4
Conway	Maximum	43	48	51	47	65	56	52	48	45	55	53	57	72	73	70	53	64	57	58	66	69	67	55	48	48	56	60	64	62	44	53	56.7
	Minimum	39	39	26	36	40	37	25	30	30	28	37	50	45	53	48	42	46	35	26	38	51	50	42	29	35	37	29	44	37	24	25	37.2
Corning	Maximum	49	45	53	46	53	56	53	47	41	50	54	55	70	74	72	49	64	58	54	66	68	65	48	45	45	52	58	62	57	40	45	54.6
	Minimum	40	40	25	31	40	39	26	27	27	26	29	45	51	52	45	37	44	33	26	37	47	45	42	29	28	36	29	42	33	19	21	35.2
Crossett§§	Maximum	48	49	52	58	63	50	58	55	57	60	64	59	75	75	70	76	69	60	61	70	70	75	61	56	49	62	65	68	67	52	57	61.6
	Minimum	40	30	29	31	42	38	29	29	31	29	32	48	50	52	68	58	52	40	29	29	40	45	60	38	41	40	33	33	49	28	25	39.3
Dardanelle	Maximum	43	49	50	47	63	51	50	48	48	55	51	59	75	79	74	53	65	60	59	65	67	64	52	50	48	56	62	72	65	46	57	57.5
	Minimum	38	37	26	38	40	36	25	29	29	28	39	44	46	52	43	43	45	32	26	41	53	45	42	28	32	37	29	43	38	22	29	36.6
Dumas	Maximum	50	53	47	45	64	61	50	58	50	48	64	60	75	80	78	80	80	58	50	68	75	75	65	58	45	64	71	62	56	48	56	61.1
	Minimum	40	35	29	35	43	37	28	41	42	40	40	47	43	57	54	50	50	37	29	35	45	58	45	35	38	40	33	41	35	26	25	39.8
El Dorado	Maximum	48	56	51	49	65	58	56	53	55	58	65	58	75	77	71	69	67	59	62	70	71	70	67	53	48	61	64	61	67	49	58	61.0
	Minimum	40	30	31	[illegible]	46	39	30	31	33	32	47	53	48	62	57	55	50	38	32	40	47	59	51	37	40	40	34	42	37	26	28	41.2
Eureka Springs	Maximum	38	44	55	49	56	42	49	40	42	61	57	55	72	73	69	55	57	53	58	60	59	57	43	43	50	46	62	68	59	45	55	53.9
	Minimum	34	31	25	36	35	28	29	22	18	29	39	49	48	56	31	37	38	29	30	42	56	36	30	20	28	33	29	49	23	11	24	33.1
Fayetteville	Maximum	39	45	52	47	52	42	47	43	41	55	54	58	68	73	69	55	54	51	54	57	59	54	43	40	48	45	60	66	57	44	50	52.3
	Minimum	33	30	24	38	39	29	28	22	20	32	43	49	47	57	32	40	38	29	27	43	54	37	30	23	30	34	29	49	27	14	25	33.9
Fort Smith	Maximum	38	46	45	43	51	45	51	44	43	54	49	63	75	78	52	48	58	55	60	61	66	45	43	46	45	49	64	72	54	44	56	53.0
	Minimum	36	35	30	40	38	33	30	26	27	32	42	49	48	49	37	44	39	37	31	42	45	42	32	28	34	35	31	46	26	21	30	36.0
Gravette	Maximum	52	42	50	49	49	48	48	42	39	56	56	57	69	68	60	54	52	48	54	57	59	47	42	38	47	45	59	63	62	41	50	51.7
	Minimum	30	28	23	34	37	26	28	20	17	30	38	48	46	45	29	33	36	24	27	42	45	34	29	19	27	32	25	46	32	12	25	31.2
Helena	Maximum	48	44	40	47	60	58	55	52	46	52	58	61	65	75	76	72	65	60	56	63	66	65	68	49	47	58	59	56	66	44	51	57.5
	Minimum	41	38	27	34	44	39	28	30	26	29	38	45	48	61	55	45	52	34	30	40	48	57	47	35	34	40	32	43	36	22	24	38.8
Hope	Maximum	42	48	47	43	54	50	50	49	49	55	54	55	66	69	69	60	60	55	53	63	65	63	58	43	45	51	57	59	59	43	49	54.3
	Minimum	35	28	27	40	43	36	25	29	32	28	38	43	46	56	51	50	48	34	28	35	51	57	42	31	38	38	30	40	35	21	24	37.5
Hot Springs	Maximum	46	52	51	50	58	49	51	49	48	53	53	58	67	72	66	58	57	56	55	63	67	62	60	50	46	55	57	60	60	48	52	55.8
	Minimum	43	40	32	42	45	42	28	34	33	34	40	46	47	54	56	49	32	36	32	40	48	56	50	34	42	42	34	44	45	23	26	40.3
Jonesboro	Maximum	49	44	54	44	57	56	54	42	43	54	54	56	71	75	70	55	63	55	46	65	69	61	51	44	46	54	59	56	68	58	49	55.5
	Minimum	41	34	28	34	42	40	27	31	30	27	32	45	50	51	46	39	46	37	27	36	46	46	30	31	35	38	34	39	33	21	23	36.1
Lead Hill	Maximum	43	46	53	47	63	52	50	43	42	55	58	59	72	77	72	72	60	54	59	67	66	63	46	43	50	52	65	74	62	43	54	56.8
	Minimum	37	34	20	34	36	32	21	26	21	21	27	46	29	41	35	38	35	24	19	31	55	39	34	21	24	35	23	35	30	15	16	30.1
Little Rock	Maximum	43	49	48	43	63	48	54	45	45	53	58	57	71	74	69	58	64	55	55	65	71	64	55	45	45	56	60	61	62	41	51	55.7
	Minimum	40	39	33	40	42	39	32	34	33	35	39	49	49	60	47	44	49	43	36	44	53	53	37	31	39	40	36	45	32	25	30	40.3
Lutherville	Maximum	51	46	47	45	55	47	50	45	42	51	48	56	70	76	70	50	59	56	56	61	63	61	53	48	46	50	59	71	62	47	50	54.5
	Minimum	35	35	27	38	29	23	26	27	27	29	39	44	43	54	39	43	40	36	29	37	53	42	35	25	30	34	28	41	28	16	27	34.5
Magnolia	Maximum	55	56	54	47	62	39	55	52	53	57	62	61	66	75	72	72	73	60	60	69	71	67	67	52	60	60	63	60	64	48	55	60.9
	Minimum	29	30	31	40	43	38	28	30	34	32	45	54	50	62	56	53	49	34	34	40	54	61	48	34	33	40	33	45	37	24	30	40.4
Malvern	Maximum	44	55	50	47	60	55	55	51	50	56	58	57	74	76	72	53	64	59	60	66	70	68	60	52	45	58	64	57	66	48	56	58.3
	Minimum	39	38	28	38	41	40	25	28	28	27	40	52	42	53	53	46	49	35	27	35	50	59	47	31	37	42	29	41	36	21	21	38.1
Mammoth Spring	Maximum	47	45	52	44	54	52	51	43	42	50	51	44	68	72	70	50	60	56	48	67	68	66	47	45	47	52	60	69	57	43	47	54.4
	Minimum	39	40	21	30	38	31	21	23	24	20	26	35	42	58	40	37	42	26	19	48	50	43	57	23	26	35	25	32	32	16	16	32.1
Marianna	Maximum	51	47	51	57	60	61	52	50	46	53	60	60	74	74	73	60	67	61	55	63	66	65	65	51	50	57	59	58	61	58	54	58.8
	Minimum	41	43	36	39	45	40	39	30	30	29	32	47	50	54	55	46	50	40	32	35	50	53	46	36	35	41	34	41	47	25	28	40.3
Marshall	Maximum	41	41	47	48	58	53	48	48	41	48	49	54	63	71	69	62	60	59	51	62	62	61	55	53	44	50	51	63	62	43	49	53.7
	Minimum	36	34	21	34	34	32	22	25	22	26	36	44	47	57	35	36	43	27	22	40	52	39	32	22	27	33	24	44	31	15	27	32.9
Mena	Maximum	47	50	41	42	53	47	51	49	47	51	47	56	63	73	69	57	61	53	57	61	62	62	56	45	42	52	62	66	57	50	55	54.4
	Minimum	34	28	28	38	40	32	25	23	27	31	42	46	44	55	42	45	40	34	27	41	58	47	31	27	33	34	29	47	31	16	24	35.5
Mount Ida	Maximum	41	41	47	46	58	50	53	52	51	52	51	58	77	75	70	51	65	59	58	67	65	59	59	49	46	55	52	66	62	49	55	56.3
	Minimum	36	32	22	35	40	35	19	20	25	23	35	46	41	50	44	46	44	27	21	35	55	57	40	22	33	35	23	45	35	14	17	33.9
Newport	Maximum	48	47	53	46	57	57	54	45	43	53	53	55	71	73	70	50	64	58	55	63	69	64	50	46	47	55	57	56	58	41	50	55.1
	Minimum	41	40	27	36	41	40	28	29	30	29	32	47	50	53	46	40	46	37	29	40	50	50	41	30	34	38	30	46	34	22	24	37.4
Pine Bluff	Maximum	45	51	51	44	70	57	57	52	51	59	63	57	78	79	71	56	67	58	62	71	77	68	60	49	48	60	65	59	65	46	56	59.9
	Minimum	46	39	29	39	42	39	27	30	30	30	40	49	48	56	51	48	50	36	29	36	48	56	48	33	40	40	31	40	37	25	25	39.1
Pocahontas	Maximum	50	48	53	48	56	57	52	48	43	51	54	56	68	72	73	51	65	65	57	62	66	66	49	46	46	53	56	61	56	41	47	55.4
	Minimum	40	38	23	30	39	37	23	25	26	22	35	45	49	47	43	36	42	35	25	30	43	44	40	26	26	35	25	40	32	17	20	33.5
Portland	Maximum	48	53	50	49	62	61	54	54	51	59	62	57	74	76	73	77	72	57	57	67	68	75	71	54	47	62	65	64	67	44	52	60.7
	Minimum	42	33	30	38	47	39	30	33	34	30	41	50	50	58	60	57	55	43	33	36	45	55	53	40	40	40	35	43	40	29	28	41.6
Prescott	Maximum	58	56	48	45	61	54	56	54	51	56	59	58	75	76	75	58	64	59	60	69	73	69	66	51	46	59	65	64	64	49	57	59.8
	Minimum	32	26	28	32	41	37	25	30	32	29	28	51	45	46	52	49	47	35	29	31	53	50	46	32	38	37	30	39	35	21	24	36.9
Rison	Maximum	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56	61.1
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27	39.1
Searcy	Maximum	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51	56.0
	Minimum	39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	36.1
Stuttgart	Maximum	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53	57.8
	Minimum	39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32	39.4
Sunset	Maximum	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47	50.5
	Minimum	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	32.1
Texarkana	Maximum	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58	58.5
	Minimum	37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	38.4
Thornburg	Maximum	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53	56.3
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	34.2
Warren	Maximum	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52	59.0
	Minimum	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	39.2
Wilson	Maximum	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48	55.3
	Minimum	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	34.5
Wynne	Maximum	58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56	56.8
	Minimum	39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	36.1

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 3-7-32-1020

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., FEBRUARY, 1932 No. 2

GENERAL SUMMARY

The mild weather of December and January continued during the month of February, making this the third warmest February on record, February 1930 being the warmest with a mean temperature of 52.2°. A cold spell overspread the State on the 4th and 5th and temperatures were again below normal for two or three days about the middle of the month, but with the exception of these four or five days they were continuously above with departures as high as 28° above normal at Little Rock and 29° above at Fort Smith on the 10th. Temperatures were freezing or below for only two days at Little Rock and for only three days at Fort Smith during the month. Though the average temperature this past winter of each of the three months of December, January, and February has been exceeded some two or three times during the past 40 years, the average this year of the three taken together makes this the mildest winter on record. The mean temperature, as determined by the records of 63 stations, was 52.0° which is 8.7° above normal, all stations for which normals have been computed showing positive departures. Departures as high as 10° above normal occurred in the northern part of the State. The highest temperature recorded was 86°, occurring at Dumas on the 10th and at Eureka Springs and Grannis on the 28th; the lowest was 9° at Sunset on the 4th. The greatest daily range was 51° occurring at several stations either the first or latter part of the month.

Precipitation was general over the State the first part of the month and again on the 11th, and from the 13th to the 21st with only a day or so intervening, but after the 22d very little occurred. On the night of the 10th-11th thunderstorms accompanied by high winds occurred in most sections but damage was confined principally to areas around Fort Smith and Batesville and in northeastern counties. Seven stations reported a trace of snow on the 4th and one a trace on the 14th. The average precipitation for the State, based on the reports of 95 stations, was 4.72 inches which is 1.42 inches above normal. Monthly totals ranged from 1.14 inches at Gravette to 8.14 inches at Prescott with stations in the Ozarks and northern border counties receiving the least and those in southern and east-central sections the most. The greatest amount measured in any 24-hour period was 3.70 inches at Hope on the 15th. The average number of rainy days was 9.

The heavy rainfall of January left the soil wet in all sections and it was nearly the middle of the month before much plowing was done. The mild weather, however, was favorable for the growth of all winter crops and all are in good to excellent condition. Fruit buds began developing much earlier than usual and peaches, plums, and early strawberries were blooming in many sections by the close of the month. T.A.M.

Damage from Windstorms

Fort Smith, February 11th, $2,000 to buildings, fences, and communication lines. Near Batesville, February 11th, $1,000 damage to small buildings and fences.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	1	12	5							1	1				4	17	1				2										
Light Hail											2																				
Heavy Hail																															
Sleet													2	4																	
Thunderstorms	8	4	3							6	28	1	1	12	4	11	2	1													

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.00	30.37	4	29.40	11	5,387	27	s	10	......	......	61
Fort Smith	30.02	30.48	4	29.46	11	6,422	48	sw	11	79	60	48
Little Rock	30.05	30.54	1	29.54	11	6,450	29	n	8	74	52	56
Memphis	30.06	30.56	1	29.59	11	6,007	25	nw	4	74	66	65

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**43.3**		**93**		**-29**		**3.30**		**11**	**6**	**11**	**7**
1891	46.5	+3.2	80	24	6	26	2.92	− 0.38	10	9	9	8
1892	49.0	+5.7	78	7	18	16	3.47	+ 0.17	11	9	9	7
1893	42.4	−0.9	74	20	2	11	4.05	+ 0.75	9	6	13	8
1894	40.5	−2.8	75	19	0	15	6.32	+ 3.02	8	7	13	8
1895	33.5	−9.8	78	28	−17	7	0.71	− 2.59	10	7	11	4
1896	45.2	+1.9	79	26	11	[illegible]	3.30	0.00	15	6	8	6
1897	46.6	+3.3	89	18	7	27	2.59	− 0.71	10	7	11	4
1898	45.8	+2.5	82	13	7	3	2.08	− 1.22	15	5	8	5
1899	31.8	−11.5	75	21	−25	12	2.18	− 1.12	12	6	10	6
1900	39.7	−3.6	74	8	− 5	17	5.06	+ 1.76	9	7	12	8
1901	40.8	−2.5	79	18	10	23	2.18	− 1.12	10	7	11	6
1902	35.0	−8.3	72	27	− 2	15	2.60	− 0.70	9	8	11	5
1903	41.0	−2.3	79	3	−12	17	7.63	+ 4.33	10	6	12	10
1904	44.9	+1.6	86	26	10	11	2.47	− 0.83	12	8	9	5
1905	32.3	−11.0	82	28	−29	13	2.55	− 0.75	9	6	13	7
1906	41.8	−1.5	75	23	− 7	5	2.21	− 1.09	15	5	8	6
1907	44.9	+1.6	83	10	4	6	2.77	− 0.53	12	6	10	6
1908	44.2	+0.9	78	29	0	2	5.26	+ 1.96	12	5	12	9
1909	47.3	+4.0	82	20	5	16	5.41	+ 2.11	13	3	9	8
1910	39.0	−4.3	75	8	−13	18	3.66	+ 0.36	11	6	11	7
1911	49.8	+6.5	87	1	7	22	4.31	+ 1.01	9	8	11	9
1912	37.9	−5.4	78	25	− 7	4	2.80	− 0.50	12	8	9	6
1913	41.0	−2.3	82	19	5	4	3.74	+ 0.44	11	6	11	8
1914	40.4	−2.9	79	3	− 2	7	4.23	+ 0.93	11	7	10	7
1915	45.9	+2.6	76	21	11	8	4.47	+ 1.17	11	5	12	8
1916	43.4	+0.1	82	17	6	2	1.78	− 1.52	14	4	11	5
1917	43.4	+0.1	89	26	− 4	1	1.93	− 1.37	15	5	8	4
1918	44.4	+1.1	93	27	4	1	1.17	− 2.13	12	6	10	4
1919	44.1	+0.8	80	20	−10	9	3.34	+ 0.04	13	4	11	8
1920	45.0	+1.7	79	4	− 2	16	1.26	− 2.04	11	8	10	5
1921	48.3	+5.0	85	24	− 3	20	3.59	+ 0.29	15	5	8	6
1922	47.8	+4.5	84	11	10	7	4.89	+ 1.59	9	7	12	8
1923	41.9	−1.4	80	1	5	4	4.66	+ 1.36	11	4	13	8
1924	42.9	−0.4	82	14	− 7	6	2.26	− 1.04	12	1	13	7
1925	49.3	+6.0	83	21	12	2	3.37	+ 0.07	12	7	9	6
1926	48.5	+5.2	88	7	10	19	2.02	− 1.28	15	5	8	4
1927	52.1	+8.8	90	16	9	19	2.62	− 0.68	10	7	11	8
1928	45.0	+1.7	79	5	10	17	2.23	− 1.07	12	6	11	7
1929	35.4	−7.9	76	25	−20	10	4.01	+ 0.71	9	1	15	10
1930	52.2	+8.9	86	26	16	16	3.92	+ 0.62	12	6	10	6
1931	48.2	+4.9	75	[illegible]†	14	10	4.77	+ 1.47	13	1	11	8
1932	52.0	+8.7	86	10†	9	4	4.72	+ 1.42	13	5	11	9

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Climatological Data for February, 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	*51.3*	+ 6.7	84	28	21	5	44	4.91	+1.36	0.98	0.0	9	10	10	9	n.	J. W. Campbell
Arkadelphia	Clark	250	36	...	...	...	...	...	...	...	5.92	+2.24	1.15	0.0	10	10	5	14	nw.	W. K. Bown
Arkansas City	Desha	145	48	...	...	...	...	...	...	...	5.91	+1.54	1.42	0.0	8	14	1	14	...	Herbert Neff
Arlberg	Stone	700	10	...	...	...	...	...	...	...	4.17		1.36	0.0	5	14	4	11	ne.	J. D. Reeves
Batesville	Independence	277	33	47.0	+ 6.2	80	26	17	5	51	3.86	+0.57	1.23	0.0	8	16	1	12	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	53.0^{d}	+10.6	83^{c}	29	30^{d}	23	35^{d}	4.43	+1.40	1.35	0.0	8	15	3	11	s.	J. E. Scanlan
Bentonville	Benton	1303	27	48.2	+ 8.6	78	28	14	4	34	1.72	−0.43	0.51	T.	8	15	4	10	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	2	...	...	...	...	...	...	...	3.49	...	0.92	0.0	7	14	1	14	...	Harry Johnson
Black Rock	Lawrence	259	30	...	...	...	...	...	...	...	4.34	+1.30	1.73	T	9	18	1	10	n.	Vernon C. Howe
Blytheville	Mississippi	252	7	51.6	...	89	10	28	5	34	4.38	...	1.28	0.0	10	11	1	17	sw.	Charles Phillips Jr.
Booneville	Logan	465	18	*52.4*	+ 6.4	86	28	18	4†	51	5.60	+2.88	2.02	0.0	7	14	4	11	e.	F. R. Randolph
Brinkley	Monroe	205	45	53.0	+ 9.2	83	29	23	5	42	6.23	+2.23	1.29	0.0	12	14	3	12	ne.	R. J. Torry
Calico Rock	Izard	361	28	47.6	+ 5.8	82	10	18	5†	50	3.33	+0.80	1.57	0.0	8	7	19	3	sw.	W. J. Copp
Camden	Ouachita	158	47	52.9	+ 5.7	84	29	21	5†	48	5.26	+1.38	1.04	0.0	11	9	2	18	ne.	Georgia Quarterman
Carthage	Dallas	....	26	...	...	...	...	...	...	...	6.80	+3.25	2.10	0.0	10	14	4	11	...	C. R. Tewait
Center Point	Howard	470	33	55.9	+ 8.9	86	28	21	4	47	4.17	+0.80	1.22	0.0	12	13	4	12	e.	John C. Floyd
Clarendon	Monroe	172	28	...	...	...	...	...	...	...	5.94	+2.12	1.56	0.0	11	12	3	14	sw.	J. W. Bishop
Clinton	Van Buren	516	11	...	...	...	...	...	...	...	3.89	+0.56	1.42	0.0	7	12	5	12	nw.	A. L. Stephens
Conway	Faulkner	309	49	52.6	+ 8.6	81	28†	22	5	45	5.10	+1.51	2.11	0.0	5	15	5	9	e.	E. E. Cordrey
Corning	Clay	293	30	49.6	+10.1	77	10	22	5	40	3.24	−0.16	1.40	0.0	8	17	3	9	sw.	Winfred D. Polk
Cotter	Baxter	478	5	...	...	...	...	...	...	...	2.52	...	1.15	0.0	6	18	0	11	ne.	O. B. McSpadden
Crosset	Ashley	175	20	55.7	...	85	29	26	5	48	6.46	+3.42	2.80	0.0	9	9	6	14	s.	G. A. Gifford
Danville	Yell	327	16	...	...	...	...	...	...	...	5.31	+2.92	2.40	0.0	6	15	1	13	e.	C. G. Hudson
Dardanelle	Yell	330	46	52.8	+ 8.0	83	28	21	4	49	4.89	+1.95	1.29	0.0	7	7	12	10	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	...	...	...	...	...	...	...	6.46	...	1.24	0.0	12	16	2	11	...	H. G. Pate
Dumas	Desha	162	26	53.6	+ 4.5	86	10	29	4	41	6.21	+2.12	1.25	0.0	9	11	8	10	n.	Ben Johnson
Dutton	Madison	1500	29	48.0^{c}	+ 8.6	76^{f}	24†	12	4	51^{f}	4.20	+1.45	1.09	0.0	4	15	2	12	e.	J. M. Ricketts
El Dorado	Union	279	31	57.4	+ 8.8	85	29	28	5	40	6.13	+2.08	1.65	0.0	11	7	6	16	sw.	J. J. Babb
England	Lonoke	229	25	54.3^{b}	+ 7.1	82^{b}	10†	25^{b}	4†	42^{b}	5.63	+1.76	1.63	0.0	9	10^{b}	6^{b}	11^{b}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	50.8	+10.0	80	27†	14	4	36	1.58	−0.96	0.65	T.	4	12	9	8	sw.	Geo. W. Nicholas
Fayetteville	Washington	1451	45	49.4	+ 9.4	77	28	13	4	37	2.23	−0.09	0.86	0.0	8	13	7	9	sw.	University of Arkansas
Fort Smith	Sebastian	457	55	51.3	+ 8.4	80	28	18	4	39	2.65	+0.02	1.14	0.0	8	9	7	13	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	8	...	...	...	...	...	...	...	3.43	...	0.99	0.0	9	17	1	11	sw	R. J. Mc Cuiston
Fulton	Hempstead	260	46	...	...	...	...	...	...	...	6.34	+3.23	2.70	0.0	9	10	3	16	...	F. J. Logan
Georgetown	White	200	20	...	...	...	...	...	...	...	4.61	+1.25	1.02	0.0	11	11	4	11	...	W. R. Owens
Gilbert	Searcy	675	8	...	...	...	...	...	...	...	2.46	...	1.04	0.0	5	15	7	7	...	Ben F. Battenfield
Grannis	Polk	900	13	51.8	+ 6.2	86	28	19	4†	49	5.67	+1.75	1.45	0.0	13	12	5	12	e.	W. E. McVay
Gravette	Benton	1250	35	48.1	+ 9.5	76	29	12	4	40	1.14	−0.76	0.60	T	6	10	10	9	se.	A. F. Stevens
Harrison	Boone	1052	32	49.2	+10.6	79	9	16	4	43	1.92	−0.60	0.79	0.0	5	18	4	7	sw.	Louis R. Keck
Helena	Phillips	250	60	53.7	+ 8.9	79	29	24	5	40	7.36	+2.86	1.72	0.0	12	11	2	16	ne.	James A. Burnett
Higden	Cleburne	445	13	...	...	...	...	...	...	...	3.85	+1.22	1.30	0.0	7	14	3	12	w.	Geo. W. Baker
Highland	Pike	....	12	55.0	...	85	28	22	4	45	4.62	+1.56	1.52	0.0	9	6	10	13	e.	Tom W. Stewart
Hope	Hempstead	377	61	53.2	+ 4.9	80	29	21	4	46	7.52	+3.53	3.70	0.0	11	9^{a}	11^{a}	8^{a}	ne.	N. P. O'Neal
Hot Springs	Garland	600	41	51.5	+ 4.7	79	28	22	5	46	5.20	+1.57	1.51	0.0	10	10	9	10	...	G. C. Bolton
Index‡‡	Little River	275	7	...	...	...	...	...	...	...	5.22	...	2.45	0.0	10	6	0	23	...	H. G. Sanderson
Jessieville	Garland	750	6	...	...	...	...	...	...	...	4.72		1.71	0.0	6	16	5	8	...	U. S. Forest Service
Jonesboro	Craighead	345	37	51.4	+ 9.4	80	26	27	5	36	3.22	−0.43	0.74	0.0	9	15	9	5	nw.	Benedictine Sisters
Lead Hill	Boone	650	26	49.0	+12.0	83	9	16	5	51	1.44	−1.90	0.57	T.	6	19	0	10	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	53.3	+ 8.4	80	26	25	4	30	4.81	+0.81	1.57	0.0	12	11	2	16	sw	U. S. Weather Bureau
Lurton	Newton	2100	7	48.6^{b}	...	79	26	29^{c}	15†	29^{c}	4.24	...	1.57	T	9	16	3	10	s.	E. C. Sutton
Lutherville‡‡	Johnson	775	33	51.6	+ 9.7	82	28	19	4	41	4.76	−1.76	1.85	0.0	8	16	3	10	sw.	H. G. Lenhardt
Madison	St. Francis	....	2	...	...	...	...	...	...	...	7.05	...	2.16	0.0	13	15	0	14	...	William G. Hager
Magnolia	Columbia	315	16	57.5	+6.1	84	28†	27	4†	47	5.63	+2.15	1.05	0.0	8	11	5	13	w.	State Agri. School
Malvern	Hot Springs	277	45	53.3	+6.2	84	28†	23	5	45	5.61	+2.04	1.55	0.0	10	16	3	10	sw.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	27	48.8	+9.0	79	10	15	5	46	2.54	−0.18	1.27	0.0	6	15	5	6	sw.	S. F. Whittaker
Marianna	Lee	235	29	54.7	+9.4	81	10	28	5	58	6.01	+2.25	1.70	0.0	9	12	6	11	ne.	C. N. Houck
Marked Tree	Poinsett	229	27	50.4	+6.8	78	10†	30	5	37	3.79	+0.21	0.83	0.0	10	13	9	7	n.	Charles Walton
Marshall	Searcy	1070	18	48.8	+5.0	77	28	17	4	49	3.11	+0.81	1.15	0.0	6	12	6	11	s.	A. J. Parks
Mena	Polk	1185	44	52.0	+8.0	82	29	18	4	38	6.77	+3.62	2.71	0.0	9	11	7	11	nw	E. W. St John
Morrillton	Conway	347	9	*51.0*	...	82	28	23	5	40	5.06	...	1.65	0.0	7	12	5	12	ne.	John Cook
Mountain Home	Baxter	809	18	49.6	+7.4	81	9	17	5	47	2.60	+0.21	1.15	0.0	6	18	0	11	s.	R. S. Halbert
Mount Ida	Montgomery	650	33	50.2	+4.2	82	27	16	5	50	5.91	+1.97	2.20	0.0	6	14	3	12	w.	G. A. Whittington
Newport	Jackson	231	48	51.2	+9.6	80	26	25	5	41	3.49	+0.01	0.72	0.0	12	12	7	10	n.	J. D. Henderson
Norman	Montgomery	750	5	...	...	...	...	...	...	...	6.14	...	2.05	0.0	9	11	9	9	...	U. S. Forest Service
Oden	Montgomery	800	6	...	...	...	...	...	...	...	6.06	...	2.00	0.0	9	15	2	12	sw.	U. S. Forest Service
Okay	Howard	288	3	55.2	...	84	28	23	4	49	5.14	...	1.87	0.0	10	11	6	12	s	Charles R. Jackson
Osceola	Mississippi	240	34	52.6	+9.8	80	10†	27	5	35	*3.67*	+0.13	0.80	0.0	7	13	7	9	s.	Charles H. Hampton
Ozark	Franklin	396	37	50.2	+7.0	84	28	20	4†	45	5.57	+3.09	1.60	0.0	9	14	4	11	e.	Orkney O. Milton
Paragould	Greene	301	9	...	...	...	...	...	...	...	3.30	...	0.64	0.0	11	17	4	8	s.	W. R. Heagler
Parkin	Cross	....	2	...	...	...	...	...	...	...	1.99	...	0.95	0.0	11	12	5	12	...	P. D. Roberts
Patterson	Woodruff	196	16	...	...	...	...	...	...	...	4.79	+1.43	0.92	0.0	8	16	3	10	n.	W. E. Baker
Piggott	Clay	307	7	...	...	...	...	...	...	...	2.95	...	1.90	0.0	7	15	7	7	ne.	V. C. Wright
Pine Bluff	Jefferson	215	45	55.0^{b}	+ 8.8	85	29	25^{c}	5	44^{c}	6.29	+2.43	1.96	0.0	12	10	12	7	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	50.1	+ 8.9	79	10	19	5	41	3.16	−0.17	1.40	0.0	7	13	2	14	ne.	Benedictine Sisters
Portland	Ashley	122	26	57.6	+ 8.2	82	10	28	5	38	5.64	+1.44	1.91	0.0	8	10	4	15	n.	W. E. Edmiston
Prescott	Nevada	329	44	55.4	+ 8.4	84	28†	25	4†	49	8.14	+4.65	3.10	0.0	10	11	8^{a}	10	s.	Craig Williams
Rison	Cleveland	213	31	56.3^{a}	+ 9.7	83^{a}	28	26^{a}	5	46^{a}	6.78	+3.37	2.00	0.0	6	15^{a}	3^{a}	10^{a}	n.	Mrs. M. V. Tisdale
Rogers	Benton	1385	41	49.3	+10.3	79	29	14	4	43	1.28	−0.61	0.54	T.	3	11	7	11	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	50.6^{g}	...	80^{g}	10	27^{g}	5	34^{g}	4.91	...	1.50	0.0	5	7^{g}	4^{g}	11^{g}	...	Ballard Deane
Saint Francis	Clay	290	4	...	...	...	...	...	...	...	4.05	...	1.80	0.0	8	14	8	7	...	S. T. Rooney
Searcy	White	236	22	50.8	+ 5.6	80	27	22	5	41	4.55	+1.32	0.89	0.0	11	17	1	11	sw.	Arthur D. Smith
Springbank‡‡	Miller	240	25	...	...	...	...	...	...	...	5.10	+1.56	1.25	0.0	11	9	1	19	...	Miss Grace Field
Story	Montgomery	700	8	...	...	...	...	...	...	...	6.34	...	2.12	0.0	7	13	5	11	n.	S. C. Story
Stuttgart	Arkansas	225	45	54.1	+ 9.3	81	10†	26	4	43	5.29	+1.37	1.74	0.0	9	11	6	12	s.	Adam F. Buerkle
Subiaco	Logan	1050	35	51.3	+ 7.9	83	28	18	4	45	4.80	+2.09	1.80	0.0	9	15	3	11	sw.	New Subiaco Abbey
Sunset	Washington	....	1	49.5	...	75	28	9	4	38	2.91	...	1.10	T.	7	15	4	10	se.	Walker James
Texarkana	Miller	322	46	55.2	+ 6.8	84	28	23	4	47	6.13	+2.97	1.95	0.0	9	12	2	15	n.	H. S. Brashear
Thornburg	Perry	650	11	50.4^{a}	...	83^{a}	28	15^{a}	5	47^{a}	5.46	+1.60	2.05	0.0	7	14^{a}	5^{a}	9^{a}	s.	Edward E. Holmes
Waldron	Scott	675	13	...	...	...	...	...	...	...	5.22	+2.17	2.26	0.0	7	11	6	12	se.	Dr. Cheves Bevill
Warren	Bradley	206	38	56.6	+ 9.9	81	10†	30	1	35	6.30	+2.18	1.25	0.0	12	10	12	7	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	...	...	...	...	...	...	...	6.69	...	2.37	0.0	6	13	4	12	w.	J. R. Huddleston
Whitecliffs	Little River	290	28	...	...	...	...	...	...	...	4.45	+1.28	1.27	0.0	9	7	5	17	e.	Nannie O. Schirmer
Wilson	Mississippi	237	7	51.0	...	79	10	25	4	40	4.16	...	0.92	0.0	9	14	5	10	s.	S.N. Johnson
Wynne	Cross	250	24	52.6	+ 7.8	81	10	28	23	36	5.89	+2.39	1.02	0.0	9	12	3	14	s.	R. T. Cobbs
Yancopin	Desha	167	8	...	...	...	...	...	...	...	5.77	...	1.25	0.0	13	7	6	16	...	W. E. Barton
State Means				52.0	+8.7	86	10†	9	4	51	4.72	+1.42	3.70	T.	9	13	5	11	sw.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:– Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for February, 1932

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ity	Ouachita		.75	.09								.58			.57	.98	.40	.93		.19		.42											4.91
kadelphia.	Ouachita		.80	.12	.04							.38			.80	1.27	.37	1.46		.21		.47											5.92
kansas City	Mississippi		.60		.30										.80	.70		.88		.76		1.42	.45										5.91
lberg.	White		.38									1.13			.18	1.36	1.12																4.17
tesville.	White		.27	T.								.67	T.		.26	.69	.52	1.23		.06		.16	T.										3.86
e Branch.	Arkansas	T.	.47	.05					.02			.30			1.34	.76	1.35					.14											4.43
ntonville ***	Arkansas	T.	.01	T.	T.						T.	.61		.08	.38	.21	.39		T.		.03	.01											1.72
g Lake Outlet	St. Francis		.40	T.	.14				T.				.60		T.	.52	.61	.92		T		.30	T.										3.49
ack Rock	White		.35	T.	.02							.30	.05		.17	.55	.75	1.73		T.		.42	T										4.34
ytheville	St. Francis		.43	.04	.46								.59		.10	.38	.66	1.28				.33	.11										4.38
oneville	Arkansas	T.	.12									.52			2.02	.35	1.90		T	.03		.06											5.00
inkley	White		.80	.05	.06							.57	.31		1.03	1.29	.68	.69		.12		.38	.25										6.23
lico Rock	White		.09									.26			.14	.37	.44	1.57		.11		.35											3.33
mden	Ouachita		.62	.04								.68	.15		.30	.67	.75	.47		.52	.02	1.04											5.26
rthage	Ouachita		1.05		.03							*	.70		.52	2.10	.75	1.01		.02		.62											6.80
nter Point	Red	.05	.64	.02								.56			.34	1.22	.42	.12	.05	.17	.06	.52											4.17
arendon	White		.61	.03								.38	.40		1.12	1.36	.75	.67		.10		.41	.11										5.94
inton	White	.27	T.	.01								.46			1.42	.55	.93		T			.25											3.89
nway	Arkansas	.43										.38			2.11	.89	1.29																5.10
rning	White		.28		.05							.22			.12	.36	.40	1.40				.41											3.24
tter	White		.04									.19			T.	.52	.46	1.15		T		.16											2.52
ossett	Ouachita		.20		.02								.25		1.08	T.		.85		1.05	.17	2.80	T			.04							6.46
nville	Arkansas		.24									.43			2.40	.28	1.53					.43											5.31
rdanelle	Arkansas		.31	T.								.50			1.08	1.09	.32	1.29				.30											4.89
Valls Bluff	White		.96	.05	.15							.86	.12		.95	1.24	.67	.82		.14		.42	.08										6.46
mas	Mississippi		.93		T				T.			.13			.50	1.25	.72	.97	.64		T.	1.00	.07										6.21
tton	White										.65		1.60	1.15	.80																		4.20
Dorado	Ouachita		.63		T.							.65	.10		.70	.26	.10	.58		1.30	.06	1.65	.15										6.18
gland	Arkansas		.76	T.	.11							.51			1.10	1.63	.94	.04	T.		.08	.46											5.63
reka Springs	White				T.							.31			.55	.22	.50																1.58
yetteville	White		T.									.37		T.	.86	.39	.49	.01	.02	.01		.08											2.23
rt Smith ***	Arkansas	.09		T.								.19		.01	.95	.30	1.05		.02			.05											2.66
eber Sprgs.	Arkansas		.24	.01								.38			.20	.99	.48	.95	.03			.15											3.43
lton	Red		.83	.04					T.		T.	.40			.40	2.70	.60	.65		.12	T.	.60		T									6.34
orgetown	White		.53	.16	.11							.50			1.02	.78	.48	.68		.02		.32	.04										4.64
lbert	White		T.								.44					.52	.22	1.04		T.		.24											2.46
annis	Red	.12	.55	.09						.03		.47			1.43	.62	1.45	.03	.06	.22	.06	.54								T.			5.67
avette	Arkansas	T.			T.						.35			.05	.32	.13	.21		T		T.	.08											1.14
rrison	White														.79	.37	.61			.03		.12											1.92
elena	Mississippi		1.46	.07					.08				.40		.90	1.72	.52	1.15		.16	.02	.58	.30										7.36
gden	White		.31									.42			1.06	.59	1.30	.06				.11											3.85
ghland	Ouachita	.04	.81									.69			.43	1.32	.51		.07	.25		.50											4.62
ope	Red	.60	.47	.10								.52			.55	3.70	.83		T.	.10	.18	.44	.03										7.52
ot Springs	Ouachita	.61	.07									.33		.22	1.18	.84	1.51		.02		.12	.30											5.20
dex	Red		.60	.05								.45			.18	2.45	.22	.52		.15		.59	.01	T.									5.22
ssieville	Ouachita		.45		.06										.91	1.10	1.71					.49											4.72
nesboro	White		.34	.02							.30	.64	.20				.70	.74				.20	.08										3.22
ad Hill	White	.04	T.		T.							.11			.45	.18	.57		T.			.09											1.44
ttle Rock ***	Arkansas	.45	.07	.06								.38		.01	1.17	.96	.95		.01	.02	.11	.62											4.81
rton	White	.16	.02	T	.01							.45			1.38	.42	1.57		.04			.19											4.24
therville	Arkansas	.06	.27									.50			1.85	.33	1.34		.03			.38											4.76
dison	St. Francis		2.16	.05	.06				.05			.40	.20		.75	1.05	.66	.78		.07		.62	.20										7.05
gnolia	Red	.50										.96			1.03		.06		.43	.85	1.00	.80											5.63
alvern	Ouachita		.60	.10	.15							.51			.70	1.35	.45	1.20		.10		.45											5.61
ammoth Spg.	White		.12										T.		.42	.17	.30	1.27		T		.26											2.54
arianna	St. Francis		.80	.01								.40			1.70	1.65	.03	.70		.07		.65											6.01
arked Tree	St. Francis		.49	T.	.13							.25	.42		.28	.42	.54	.83				.34	.09										3.79
arshall	White		.02									.40			.66	.36	1.46					.21											3.11
ena	Ouachita		.41	.08							T.	.40			1.18	1.24	.36	2.71		.11		.28											6.77
orrilton	Arkansas		.36									.34			1.05	1.65	.36	1.10				.20											5.06
ountain Home	White	.20										.25			.55	.25	1.15					.20											2.60
ount Ida	Ouachita		.28									.55			1.83	.57	2.20					.48											5.91
ewport	White		.22	.02							.01	.48	.31		.34	.52	.63	.72		.03		.14	.07										3.49
orman	Ouachita		.50	.11								.48			1.00	1.18	.28	2.03		.11	.45												6.14
len	Ouachita		.22	.06								.51			1.42	1.07	.30	2.00		.03	.45												6.06
kay	Red		.67									.57			.60	1.87	.52		.08	.14	.02	.65	.02										5.14
ceola	Mississippi		.50		.03								.78			.48	.60	.80				.48											3.67
ark	Arkansas		.19	.01								.60			1.00	1.05	1.60	1.00		.05		.07											5.57
ragould	St. Francis		.28	.04	.01							.56	.06		.20	.58	.59	.64				.31	.03										3.30
rkin	St. Francis		.72	.05	.22							.73			.50	.96	.52	.68		.03		.44	.14										4.99
tterson	White		.49	.04								.76			.85	.88	.47	.92				.38											4.79
ggott	St. Francis		.30	.07								.47			.38	.40	1.00					.33											2.95
ne Bluff	Arkansas		.97	.03	.10							.62	.04		.26	1.96	.70	.81		.15		.62	.03										6.29
cahontas	White		.17								.05	.25			.50	.48	1.40					.31											3.16
rtland	Ouachita		.15										.19		1.13	.10		.85		1.00	.31	1.91			T.								5.64
escott	Ouachita		1.00	.07	.05							.49			.60	3.10	.66	1.40		.20		.57											8.14
son	Ouachita		1.31											2.00	.30	1.75			.30			1.12											6.78
gers	White	T.			T.							.37		T.	.54	.37	T.																1.28
. Charles	White											.30			1.08	1.50	1.00					1.03											4.91
. Francis	St. Francis		.48	.06	T.							.10	.48		T.	.56	.29	1.80				.26											4.03
arcy	White		.60	.06								.54	.14		.73	.89	.52	.61		.03		.33	.10										4.55
ringbank	Red		.51	.02								.63			.28	.26	.58	.45		1.28	.07	1.00	.02	T.									5.10
ory	Ouachita		.27	.03								.60			1.80	1.05	.47	2.12				T.											6.34
uttgart	Arkansas		.60						.05			*	.74		.69	1.74	.82			.12		.53											5.29
biaco	Arkansas	.04	.04	.01								.24			1.77	.72	1.80	.01	T.		T.	.17	T.										4.80
nset	Arkansas	T.	.01		T.							.33			1.10	.44	.88	T.	T	.04		.11											2.91
exarkana	Red		.85									.53			.28	1.95		1.10	.05	.10	.07	1.20											6.13
ornburg	Arkansas		.30									.41			2.05	.99	1.39		.02		.30									T.			5.46
aldron	Arkansas		.16									.27			2.26	.29	1.81		T.	.16	.27												5.22
arren	Ouachita		1.00	.10					T.		T	.30	.15		.65	.60	.40	.80	T.	.80	.10	1.25	.15										6.30
aters	Ouachita	T.	.25									.79			2.30	.36	2.37					.62											6.69
hitecliffs	Red		.67	.08	T.						T.	.50			.67	1.27	.23	.12	T.	.17		.74	T.	T.									4.45
ilson	Mississippi		.60		.23							.35	.40		.04	.58	.52	.92				.52											4.16
ynne	St. Francis		.75	.46	.74							.43			1.02		.62	.88				.24	.75										5.89
ancopin	Arkansas		.75	.03	.03				.01			.16	.10		.52	1.25	.69	.97		.44		.74	.08										5.77

Daily River Stages for February, 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
rt Smith	Arkansas	22	11.0	10.6	9.6	9.2	8.6	7.9	7.5	7.2	7.0	6.8	6.6	6.9	7.0	6.8	10.0	13.8	17.3	17.7	17.0	16.2	15.0	13.4	11.0	11.1	9.8	9.4	8.6	8.0	7.8		
zark	do	22	8.5	7.9	7.2	6.7	6.3	5.8	5.2	4.9	4.5	4.3	4.2	4.1	4.0	4.0	6.4	10.0	14.0	14.4	13.8	13.0	12.1	11.1	9.4	7.7	7.3	6.9	6.3	5.6	5.3		
rdanelle	do	20	11.5	10.6	10.0	9.4	8.9	8.6	8.1	7.8	7.5	7.2	7.1	7.1	7.0	7.1	9.2	11.1	16.6	17.6	17.0	15.9	14.9	13.8	12.6	10.9	10.0	9.6	9.3	8.8	8.4		
orrilton	do	20	11.6	10.0	9.5	8.2	7.5	6.8	6.1	5.2	5.0	4.5	4.2	4.0	4.0	4.1	6.0	9.0	14.4	16.9	16.9	16.0	15.2	14.0	12.5	11.0	9.3	8.0	7.5	6.7	5.8		
ittle Rock	do	23	13.9	11.9	10.5	9.3	8.4	7.6	6.8	6.1	5.5	5.0	4.8	4.6	4.6	4.6	6.1	9.4	13.6	17.2	18.0	17.6	16.8	16.0	15.0	13.5	11.4	9.7	8.7	7.9	7.1		
ne Bluff	do	25	19.3	17.6	16.3	15.1	14.2	13.4	12.7	12.1	11.2	11.0	10.0	10.3	10.0	9.6	9.9	12.6	15.3	19.2	21.5	21.5	21.0	19.4	18.6	18.3	17.1	15.6	14.4	13.4	12.8		
ancopin	do	29	38.5	38.5	38.4	38.3	38.2	38.0	37.9	37.8	37.7	37.6	37.5	37.5	37.5	37.5	37.7	37.9	38.2	38.5	38.9	39.3	39.7	40.0	40.1	40.2	40.2	40.1	39.9	39.6	39.3		
anville	Petit Jean	20	11.3	8.2	6.2	5.9	5.6	5.4	5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.2	20.4	23.0	24.1	24.3	23.7	22.1	20.4	17.9	15.7	10.9	8.8	7.4	6.6	6.2	5.7		

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	7.4	6.2	6.1	5.9	5.7	5.4	5.0	4.8	4.1	4.1	3.9	4.1	4.1	4.0	4.0	4.4	4.8	5.5	6.2	8.1	8.1	6.1	6.1	5.9	5.6	5.1	5.0	4.9	4.8		
Calico Rock	do	18	5.9	5.7	5.0	4.7	4.3	4.0	3.8	3.6	2.7	3.3	2.9	2.7	2.2	2.1	2.3	2.7	8.8	8.3	6.9	7.7	6.9	5.9	5.2	4.8	4.4	4.1	3.9	3.7	3.4		
Batesville	do	23	12.4	11.4	11.0	10.5	10.0	9.6	9.3	9.1	9.0	9.1	8.5	8.5	8.2	7.6	8.3	9.1	15.3	16.3	14.0	13.9	14.3	12.9	11.5	10.9	10.3	9.8	9.5	9.2	9.0		
Newport	do	26	21.6	20.6	19.5	18.6	17.5	16.5	15.3	14.0	12.6	11.4	10.1	9.5	8.8	8.0	7.8	8.7	12.7	17.4	18.8	18.5	18.9	18.7	17.8	16.5	15.4	14.2	13.2	12.2	11.4		
Georgetown	do	22	24.2	23.8	23.4	23.0	22.5	22.1	21.7	21.2	20.8	20.3	19.8	29.0	18.2	17.0	16.7	17.0	18.0	19.2	20.2	20.5	20.6	20.6	20.6	20.6	20.5	20.4	20.2	19.7	19.1		
De Valls Bluff	do	24	25.5	25.4	25.2	24.9	24.7	24.2	23.9	23.5	23.0	22.7	22.3	22.0	21.7	21.4	21.3	21.3	21.4	21.5	21.8	21.9	22.0	22.1	22.0	22.0	22.0	21.9	21.9	21.8	21.7		
Clarendon	do	30	30.4	30.4	30.3	30.2	30.0	29.8	29.6	29.3	29.0	28.7	28.4	28.1	27.8	27.5	27.4	27.2	27.2	27.1	27.1	27.2	27.3	27.4	27.6	27.6	27.6	27.6	27.6	27.5	27.4		
Gilbert	Buffalo	30	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.7	3.6	3.5	3.5	3.5	3.6	3.9	12.0	9.5	7.0	5.9	5.2	5.0	4.7	4.6	4.4	4.0	3.7	3.6	3.5		
Black Rock	Black	14	16.2	15.3	14.5	13.8	12.7	11.6	10.5	9.5	8.7	8.0	7.6	7.0	6.5	6.4	6.4	6.8	14.6	15.5	14.6	13.8	13.6	12.9	11.8	10.8	10.6	10.2	9.8	9.3	8.8		
Arkadelphia	Ouachita	12	4.6	5.1	5.1	5.3	4.9	4.8	4.5	3.5	3.6	3.2	4.0	3.3	2.9	3.5	5.8	11.4	17.2	18.8	16.5	8.0	6.2	5.9	5.1	5.1	5.0	6.3	5.6	4.5	2.5		
Camden	Ouachita	30	32.9	31.8	30.9	30.0	29.2	28.6	27.7	26.7	24.9	22.8	21.1	20.0	19.7	19.7	20.0	24.0	28.1	31.2	33.8	35.2	36.0	35.6	34.3	33.2	31.7	30.5	29.3	27.8	26.0		
Fulton	Red	28	28.0	26.4	24.7	22.8	21.4	20.0	18.6	17.3	15.7	14.3	12.7	11.6	11.2	11.1	12.6	15.1	19.5	24.4	26.5	28.1	29.4	30.3	30.3	29.6	29.3	29.2	28.3	26.1	24.1		
Helena	Mississippi	44	44.2	44.5	44.8	45.0	45.2	45.5	45.7	46.2	46.5	46.8	47.0	47.3	47.4	47.6	47.9	48.2	48.5	48.7	48.9	49.0	49.1	49.2	49.1	49.0	48.7	48.4	47.9	47.3	46.6		
Arkansas City	do	48	49.9	50.1	50.3	50.4	50.4	50.4	50.3	50.2	50.3	50.5	50.6	50.6	50.7	50.8	50.9	51.2	51.4	51.6	51.9	52.2	52.6	52.9	53.2	53.3	53.4	53.4	53.3	53.0	52.7		

Daily temperatures for February, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Bee Branch	Maximum	52	60	70	..	..	..	75	69	77	74	73	65	61	46	43	48	50	52	51	54	52	60	60	67	71	74	78	81	83			63.3
	Minimum	36	46	58	..	..	..	..	49	42	49	54	35	37	34	36	41	36	40	44	36	40	40	30	33	36	42	44	70	63			42.8
Bentonville	Maximum	45	63	65	37	56	59	71	57	77	70	68	59	44	39	43	57	47	50	52	54	49	54	61	65	70	72	76	78	77			59.1
	Minimum	34	43	27	14	23	35	37	36	44	63	41	33	30	34	36	43	29	36	37	34	40	36	28	38	42	42	48	46	49			37.2
Blytheville	Maximum	49	55	68	64	54	66	73	60	71	80	74	68	60	55	44	53	57	50	50	50	49	55	56	67	71	75	75	73	71			61.8
	Minimum	31	43	54	30	28	36	39	48	41	63	55	41	36	38	39	42	46	39	43	32	39	39	29	37	42	47	51	40	50			41.3
Brinkley	Maximum	52	62	70	68	57	66	75	64	78	81	76	67	58	48	45	55	56	53	53	56	52	60	59	69	72	79	80	78	83			64.6
	Minimum	29	42	60	30	23	34	33	51	43	63	58	40	38	37	39	42	45	42	44	37	43	41	32	32	38	44	48	46	45			41.3
Calico Rock§§	Maximum	47	70	70	41	63	64	74	61	79	82	73	64	49	40	43	53	57	51	56	52	53	60	61	74	79	78	79	80	79			63.2
	Minimum	20	23	43	23	18	18	27	30	36	40	57	30	29	29	35	36	37	37	39	29	29	32	26	27	29	32	36	38	40			31.9
Camden§§	Maximum	50	69	76	47	58	72	76	71	81	80	74	66	55	46	48	62	59	52	53	54	56	62	63	68	73	77	81	83	84			65.4
	Minimum	31	38	45	28	24	24	35	36	48	54	55	40	40	43	42	42	46	45	45	45	44	44	38	34	34	37	42	46	47			40.4
Center Point	Maximum	53	63	72	68	60	70	77	75	84	79	74	65	64	50	48	53	59	53	54	52	66	62	65	69	73	82	81	86	80			66.8
	Minimum	35	40	62	21	28	39	46	57	49	61	54	43	45	40	40	45	38	43	45	45	43	45	42	46	42	49	48	55	58			45.0
Conway	Maximum	48	55	70	69	60	66	76	68	74	78	75	68	62	48	44	49	54	53	53	53	55	62	63	70	75	78	80	81	81			64.4
	Minimum	29	41	54	24	22	35	33	49	45	58	57	37	41	36	38	42	41	42	46	40	43	43	31	34	37	41	47	53	47			40.9
Corning	Maximum	50	55	60	59	54	58	69	65	72	77	74	68	58	45	41	50	52	57	56	52	49	59	58	69	71	75	76	73	72			61.2
	Minimum	25	40	53	26	22	34	29	45	35	60	58	33	32	34	35	40	40	36	41	30	40	35	28	32	39	47	46	41	45			38.0
Crossett§§	Maximum	62	71	77	48	58	75	78	70	82	83	73	55	71	55	52	80	68	56	52	55	55	66	62	67	73	76	81	83	85			67.9
	Minimum	27	35	61	34	26	27	40	50	55	60	66	43	44	45	45	47	51	48	48	47	46	47	39	34	35	39	39	41	43			43.5
Dardanelle	Maximum	50	55	71	70	60	61	79	73	80	80	77	65	60	50	45	49	53	53	54	52	59	65	64	71	76	79	82	83	81			65.4
	Minimum	29	40	51	21	22	35	32	48	45	56	56	37	40	37	39	43	38	42	46	41	42	44	32	35	35	41	45	50	47			40.3
Dumas	Maximum	50	67	70	65	43	76	65	67	80	86	72	65	62	58	50	64	60	60	59	50	52	52	60	61	60	75	75	77	76			64.0
	Minimum	30	43	53	29	33	35	37	57	48	63	57	43	42	43	43	44	49	44	45	43	49	42	36	34	39	44	44	44	40			43.2
El Dorado	Maximum	52	71	76	70	59	74	76	73	83	82	77	69	64	50	48	73	62	57	51	52	54	61	59	69	75	78	80	82	85			67.7
	Minimum	34	45	64	30	28	40	40	61	55	65	57	47	48	47	45	47	54	47	46	46	47	47	40	38	47	47	50	52	52			47.1
Eureka Springs	Maximum	53	67	68	42	57	64	73	70	79	74	70	62	61	42	42	59	57	53	54	50	51	56	63	66	72	74	80	80	78			62.7
	Minimum	35	41	42	14	25	35	37	37	45	64	47	34	29	32	34	41	29	34	39	32	39	37	30	45	50	53	49	50	53			39.0
Fayetteville	Maximum	46	62	67	41	57	61	70	64	76	72	71	59	54	44	45	56	56	50	52	54	52	55	62	65	69	73	75	77	75			60.7
	Minimum	33	42	41	13	23	39	33	39	44	63	49	31	32	34	37	44	29	37	41	33	40	37	29	37	41	49	46	45	47			38.2
Fort Smith	Maximum	44	56	67	40	56	63	75	63	79	78	73	63	49	43	45	50	50	50	55	51	54	62	63	68	74	76	77	80	77			61.4
	Minimum	36	40	28	18	24	37	37	49	45	61	47	37	41	37	41	44	34	42	45	43	43	44	37	40	41	46	50	50	54			41.2
Gravette	Maximum	47	60	42	38	55	69	66	72	73	70	59	57	55	42	44	57	58	48	53	51	47	61	66	72	72	70	74	75	76			59.7
	Minimum	34	40	35	12	21	31	34	52	62	47	30	30	30	33	36	42	27	34	36	34	39	35	26	37	42	44	49	41	46			36.5
Helena	Maximum	50	69	74	70	54	67	66	64	75	78	74	68	53	50	46	65	61	52	52	55	54	56	55	66	79	75	76	75	79			63.8
	Minimum	33	45	62	30	24	35	39	54	50	61	55	42	43	38	41	44	50	43	45	39	47	44	32	34	40	46	47	48	50			43.6
Hope	Maximum	47	65	74	67	56	65	69	70	75	72	72	60	53	48	45	55	58	53	53	56	59	69	59	65	77	69	69	75	80			63.3
	Minimum	29	42	63	21	24	33	35	58	58	62	55	40	41	40	41	42	43	44	45	43	43	45	39	35	39	45	50	49	49			43.2
Hot Springs	Maximum	47	56	69	64	54	59	68	63	72	77	70	63	54	42	48	53	55	54	53	54	58	59	61	66	69	74	76	79	75			61.8
	Minimum	34	41	49	24	22	34	36	40	52	58	56	36	40	40	40	44	44	43	48	42	46	44	34	34	34	42	44	48	46			41.2
Jonesboro	Maximum	49	56	68	60	56	63	72	65	74	79	74	65	55	50	43	50	53	49	47	56	48	59	58	60	73	80	77	76	72			61.6
	Minimum	30	41	55	30	27	35	36	49	40	65	56	38	37	35	37	41	41	38	38	32	41	40	32	38	44	50	54	46	50			41.2
Lead Hill	Maximum	50	73	73	60	63	65	75	70	83	80	73	62	54	47	42	55	55	56	55	49	52	59	63	70	75	76	78	79	80			64.5
	Minimum	23	41	49	19	16	24	25	37	37	61	52	27	27	34	35	42	33	34	43	27	38	32	24	27	30	35	35	39	29			33.6
Little Rock	Maximum	48	65	70	44	57	65	72	66	75	77	72	63	51	45	44	55	56	51	52	53	54	59	59	68	72	80	78	77	78			62.3
	Minimum	36	42	41	25	29	39	42	51	47	66	52	46	42	38	39	41	44	44	46	41	43	44	40	41	43	50	56	58	56			44.3
Lutherville	Maximum	49	55	69	55	58	62	77	67	73	78	73	64	54	47	45	49	53	50	53	53	56	60	63	67	73	75	79	82	79			62.9
	Minimum	33	37	50	19	22	33	36	47	44	59	52	36	37	35	38	42	35	38	42	38	40	41	34	36	43	49	48	51	50			40.2
Magnolia	Maximum	70	74	78	74	58	73	77	77	83	82	79	67	67	58	54	69	59	57	58	57	56	62	61	70	74	78	80	84	84			69.7
	Minimum	36	42	62	27	27	41	41	61	54	64	56	44	46	47	43	45	50	46	46	45	48	45	41	37	38	38	39	49	57			45.3
Malvern	Maximum	49	56	71	69	59	68	75	70	79	80	76	69	61	50	45	51	59	52	52	58	57	63	63	70	72	79	81	84	84			65.6
	Minimum	27	42	55	24	23	31	32	55	47	62	57	38	39	39	40	43	44	43	46	43	44	45	34	32	34	38	42	45	45			41.0
Mammoth Spring	Maximum	48	62	69	64	61	61	70	68	76	79	75	61	52	49	41	52	52	51	56	54	56	56	59	71	71	74	76	76	72			62.5
	Minimum	23	37	52	23	15	26	26	43	39	60	55	30	31	34	34	40	34	36	42	30	31	30	25	28	33	36	42	39	42			35.1
Marianna	Maximum	50	65	69	69	60	67	68	65	72	81	76	70	60	56	50	63	60	54	52	55	55	57	56	68	72	77	79	77	79			64.9
	Minimum	35	45	63	31	28	36	40	51	49	60	57	50	44	40	41	45	47	44	45	40	45	44	36	36	43	46	49	50	51			44.5
Marshall	Maximum	49	64	68	66	51	60	72	72	72	72	71	56	57	46	42	59	58	52	51	52	52	55	56	65	67	71	72	77	76			61.4
	Minimum	32	36	55	17	18	36	29	41	41	63	54	29	28	31	33	39	32	36	41	32	36	33	26	32	35	44	40	42	41			36.3
Mena	Maximum	50	59	68	55	57	66	73	66	72	76	71	65	55	48	47	53	55	47	51	53	55	60	63	67	72	77	79	80	82			62.8
	Minimum	33	40	55	18	23	38	35	50	43	63	47	35	41	36	39	45	35	40	43	41	41	44	36	36	40	47	48	52	48			41.1
Mount Ida	Maximum	50	65	69	69	61	62	74	70	74	78	74	67	59	51	46	50	53	49	52	51	54	55	54	68	68	80	82	72	80			62.3
	Minimum	22	40	64	19	16	27	27	45	42	63	55	30	32	41	34	44	37	39	44	35	42	42	28	27	28	36	39	41	40			37.2
Newport	Maximum	47	55	68	67	56	63	73	66	73	77	76	66	55	46	42	50	53	50	51	53	51	60	58	70	72	80	78	76	76			62.3
	Minimum	29	41	54	26	25	37	32	50	59	64	57	37	38	36	37	41	41	40	43	34	41	39	31	35	38	42	46	46	46			40.2
Ozark	Maximum	45	56	67	44	59	65	75	65	77	79	65	64	60	42	46	52	55	51	55	52	59	61	65	68	72	78	80	84	80			62.8
	Minimum	37	39	42	20	20	20	39	42	47	42	49	32	33	38	38	41	35	36	42	41	41	40	44	31	34	34	41	43	47			37.5
Pine Bluff	Maximum	52	67	72	70	62	70	75	69	82	84	76	69	57	49	45	54	58	54	53	57	52	61	63	73	77	80	83	80	85			66.5
	Minimum	30	44	64	26	25	43	48	..	..	..	57	41	42	40	42	44	49	45	43	42	44	44	37	35	41	45	52	52	49			43.4
Pocahontas	Maximum	49	57	61	65	55	62	70	69	72	79	74	65	59	50	41	52	52	54	57	57	51	60	59	71	74	78	77	76	77			62.9
	Minimum	25	39	53	25	19	27	30	45	35	60	55	32	33	34	35	39	39	36	41	30	39	37	26	20	35	42	52	44	45			37.3
Portland	Maximum	52	69	77	72	37	75	71	72	80	82	76	69	64	57	51	79	76	59	52	59	55	58	57	67	72	76	81	80	80			68.1
	Minimum	33	47	63	34	28	40	41	60	53	64	59	46	47	47	48	48	56	48	47	46	47	47	40	37	41	45	54	50	49			47.1
Prescott	Maximum	50	67	76	74	60	71	76	72	82	81	78	72	65	53	49	52	58	57	54	53	59	61	63	69	74	78	82	84	84			67.4
	Minimum	33	41	63	25	25	35	37	52	50	62	55	41	44	43	40	40	43	44	45	43	43	42	39	43	38	43	49	50	51			43.1
Rison	Maximum	53	67	73	73	61	72	75	74	82	81	69	69	65	72	46	61	55	54	56	..	53	63	64	71	74	78	81	83	82			68.4
	Minimum	32	42	64	27	26	36	39	55	50	67	56	42	44	41	41	44	45	45	43	..	45	44	36	36	42	45	52	51	49			44.2
Searcy	Maximum	47	54	68	67	55	64	74	65	71	78	74	65	56	46	43	48	53	52	52	53	51	61	59	69	72	78	80	75	79			62.5
	Minimum	27	40	52	26	22	30	35	49	41	52	55	36	39	35	37	41	41	41	44	36	40	41	31	32	35	39	47	48	45			39.1
Stuttgart	Maximum	50	66	70	67	58	67	74	68	80	81	75	68	58	48	46	55	57	54	52	54	53	59	61	69	72	78	73	78	81			61.8
	Minimum	44	47	27	26	35	37	54	45	58	57	42	42	39	39	43	44	44	45	39	44	43	33	35	44	48	51	49	45	57			43.4
Sunset	Maximum	41	56	63	47	56	65	68	65	72	68	68	58	53	46	45	52	52	47	50	50	46	56	63	65	65	74	74	75	74			59.1
	Minimum	37	41	46	9	23	28	41	39	46	59	47	35	32	34	37	42	27	35	37	37	36	35	37	43	45	50	55	54	60			39.9
Texarkana	Maximum	50	70	78	70	62	73	79	75	83	80	75	63	57	50	52	55	58	52	53	53	60	64	62	69	73	79	82	84	83			67.0
	Minimum	35	40	62	23	25	37	40	60	50	62	54	41	40	40	40	45	42	42	45	43	43	45	42	37	38	42	47	48	50			43.4
Thornburg	Maximum	46	63	69	66	62	67	74	69	73	77	73	66	51	45	43	52	..	52	52	53	52	56	64	70	75	79	80	83	79			64.0
	Minimum	27	39	61	20	15	24	27	42	40	65	55	29	31	46	37	41	..	37	41	40	37	37	24	27	30	26	42	42	39			36.8
Warren	Maximum	51	67	74	73	64	70	73	72	[illegible]	81	78	71	63	55	47	71	58	54	52	53	53	58	58	66	71	74	80	79	81			66.4
	Minimum	30	43	63	19	32	38	38	56	[illegible]	62	63	46	41	44	43	44	53	46	45	45	46	46	39	37	44	47	54	52	52			46.7
Wilson	Maximum	51	58	71	65	55	63	69	69	72	79	79	69	60	45	44	55	58	52	51	50	48	55	55	68	72	77	76	75	75			62.3
	Minimum	36	46	31	25	36	34	55	49	48	58	36	37	36	34	39	41	39	28	34	34	41	30	33	43	42	48	45	45	51			39.6
Wynne	Maximum	59	63	69	69	62	53	61	[illegible]	74	81	75	70	56	45	44	48	52	54	52	54	50	57	58	68	72	77	75	78	79			62.5
	Minimum	29	42	60	58	29	33	42	52	43	61	62	54	39	35	38	41	40	40	45	35	42	39	28	32	40	43	45	43	46			42.7

§§ Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 3-23-32 1020

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

LIBRARY UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., MARCH, 1932 No. 3

GENERAL SUMMARY

Temperatures were above normal the first four days of March with departures reaching as high as 20° in all sections on the first, but from the 5th to the 15th they were from 15° to 30° below normal, stations even in southern border counties reporting minima of from 18° to 20° on the 9th. From the 15th to the close of the month temperatures were above normal for about 8 days, maxima for the month occurring at most stations on the 20th. The highest temperature recorded was 88° at Amity on the 20th; the lowest 2° at Sunset on the 9th. The mean temperature for the State, as determined by the records of 60 stations, was 48.2° which is 4.4° below normal, this being the third consecutive March with the mean below normal and the first month since August 1931 with a negative departure.

The average precipitation for the State, based on the reports of 93 stations, was 4.47 inches which is 0.21 inch below normal. Rainfall was general over the State from the 3d to the 5th with stations in the southern half generally reporting over 2.00 inches. From the 5th to the 12th much of the precipitation fell in the form of sleet or snow, 61 stations reporting a measurable amount of snow during this period. The average amount was 1.1 inches which is the greatest amount for the winter 1931-32, practically no snow occurring before this month. From the 16th to the 22d rainfall was light to moderate with only locally heavy rains on the night of the 16th-17th, but from the 27th to the 31st nearly all sections except the northwestern portion reported from 2.00 to 3.00 inches. Monthly totals ranged from 1.63 inches at Harrison to 7.33 at Arkadelphia. The greatest amount measured in any 24-hour period was 3.43 inches at Conway on the 27th and the average number of rainy days was 9.

On the night of the 16th-17th windstorms occurred in many sections of the State and a small tornado at Little Rock. The tornado struck in the southwestern section of the city about 9:30 p. m. and traveled in an easterly direction across the south end. Five people were injured and property damaged to the extent of approximately $57,000. This same tornado probably struck again near Scott, 13 miles east of Little Rock, causing considerable property damage. Windstorms again were reported in many sections of the State on the night of the 26th-27th but property damage was confined principally to northern and southern sections.

The cold weather during the first half of the month stopped all outdoor activities. The ground was frozen in northern and central sections from the 6th to the 13th and all early truck crops were severely damaged. Peaches and pears were in bloom and these two crops were practically destroyed. Early strawberries were damaged somewhat and retarded but sufficient buds were left to produce a good crop. T.A.M.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	p. m.	
Bentonville	29 97	30.51	12	29.11	21	6,356	29	s	29	......	......	64
Fort Smith	29.99	30.59	12	29.24	21	7,300	38	w	21	73	48	49
Little Rock	30.01	30.52	12	29 25	21	8,180	38	sw	21	68	46	63
Memphis	30.00	30 48	11	29.20	21	7,398	39	w	21	68	59	64

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs......			1	1															5												
Light Hail				1												3	3									1	2				
Moderate Hail ...																	2									1	1				
Sleet............			1	2	10		7	1				1									1	1					1				
Thunderstorms..		1	1	6	4			1								16	16				4	1		1	2	13	29			24	

Tornadoes:

Little Rock to Scott:—16th, 9:30 p.m., from w, destructive path 300 feet, none killed, 5 injured, property damage $57,000.

Salem (2 1-2 miles ne):—16th, 8:30 p.m., from sw, path unknown, none killed nor injured, $1,500 damage to timber, barns, and contents.

Windstorms:— On the night of 16th-17th.

Atkins, $500 damage to buildings.

Calico Rock, $500 damage to billboards, telephone lines, and buildings.

Casa, $200 damage to barns and small buildings.

Crawford County, $2,000 damage to buildings.

Eureka Springs, $100 damage to stone arch over highway.

Paris, $7,500 damage to buildings.

Piggott, (6 miles north), $1,500 damage; two barns destroyed 4 horses killed, other livestock crippled.

St. Joe, $3,000 damage to buildings.

On March 21st.

Bentonville, $75 damage to hanger a airport.

El Dorado, $500 damage to signs and buildings.

Pine Bluff, $1,000 damage to buildings.

Prescott, $700 damage to buildings, contents, and electrical equipment.

COMPARATIVE DATA FOR MARCH

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**52 6**		**98**		**1**		**4.68**		**13**	**7**	**11**	**8**
1891	46.7	−5.9	79	20	10	4	5.10	+0.42	11	9	11	19
1892	47.9	−4.7	84	31	9	18	3.44	−1.24	14	8	9	7
1893	50.1	−2.5	82	22	5	4	3.55	−1.13	16	6	9	8
1894	54.6	+2.0	88	13	8	26	9.84	+5.16	14	7	10	9
1895	51.8	−0.8	91	28	10	4	5.39	+0.71	13	7	11	10
1896	48.7	−3.9	85	31	12	13	5.28	+0.60	10	7	14	8
1897	55.9	+3.3	88	21	13	14	9.76	+5.08	10	7	14	15
1898	54.5	+1.9	88	16	18	3	5.96	+1.28	10	9	12	9
1899	50.6	−2.0	87	22	1	6	2.97	−1.71	12	9	10	7
1900	51.2	−1.4	90	12	7	1	2.50	−2.18	15	7	9	7
1901	51.5	−1.1	86	2	4	6	4.67	−0.01	14	8	9	6
1902	52.6	0.0	89	26	14	18	5.34	+0.66	12	10	9	7
1903	54.8	+2.2	85	7	11	1	5.56	+0.88	10	9	12	8
1904	55.3	+2.7	90	21	12	4	5.64	+0.96	11	11	9	8
1905	57.1	+4.5	92	27	26	2	5.31	+0.63	10	10	11	9
1906	45.2	−7.4	88	26	10	20	5.69	+1.01	8	6	17	11
1907	61.9	+9.3	96	21	25	2	3.22	−1.46	14	8	9	6
1908	59.5	+6.9	93	16	21	10	3.79	−0.89	11	9	11	8
1909	52.7	+0.1	84	2	16	15	3.71	−0.97	13	8	10	8
1910	60.7	+8.1	92	23	22	2	1.39	−3.29	20	7	4	3
1911	56.6	+4.0	94	9	15	16	2.17	−2.51	16	9	6	6
1912	45.8	−6.8	86	19	10	1	7.86	+3.18	7	7	17	12
1913	49.7	−2.9	88	31	8	2	4.74	+0.06	14	9	8	7
1914	50.0	−2.6	86	30	4	20	5.13	+0.45	12	8	11	9
1915	42.5	-10.1	73	28	14	1	3.54	−1.14	9	7	15	7
1916	54.5	+1.9	91	21	11	3	1.93	−2.75	16	6	9	5
1917	53.0	+0.4	87	26	9	5	5.32	+0.64	14	5	12	11
1918	57.9	+5.3	96	5	16	14	1.31	−3.37	11	8	12	4
1919	53.2	+0.6	86	22	11	1	5.47	+0.79	17	5	9	6
1920	51.8	−0.8	88	27	2	7	5.31	+0.63	14	5	12	8
1921	60.8	+8.2	92	16	18	29	6.55	+1.87	11	8	12	9
1922	51.7	−0.9	83	28	7	3	8.58	+3.90	12	6	13	11
1923	49.6	−3.0	88	22	2	18	5.04	+0.36	15	5	11	8
1924	46.6	−6.0	84	29	5	10	3.27	−1.41	13	6	12	8
1925	55.9	+3.3	89	25	7	2	1.69	−2.99	18	6	7	4
1926	48.5	−4.1	86	24	11	8	5.57	+0.89	13	6	12	9
1927	53.5	+0.9	87	19	5	3	7.20	+2.52	12	7	12	12
1928	52.7	+0.1	92	29	20	2†	2.53	−2.15	11	7	10	6
1929	55.7	+3.1	98	21	19	1†	3.77	−0.91	12	7	12	10
1930	50.4	−2.2	83	20	15	2	2.21	−2.47	16	6	9	6
1931	47.5	−5.1	85	13	16	10	4.21	−0.47	13	5	13	8
1932	48.2	−4 4	88	20	2	9	4.47	−0.21	13	7	11	9

Correction:

Fort Smith, February total wind movement should be 6,513 miles.

Climatological Data for March, 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	*48.0*	-6.6	88	20	13	9†	52	5.31	+0.45	1.34	0.2	9	6	15	10	n.	J. W. Campbell
Arkadelphia	Clark	250	36	....	....	....	....	....	....	....	7.33	+2.53	2.21	0.1	13	15	3	13	s.	W. K. Bown
Arkansas City	Desha	145	18	....	....	....	....	....	....	....	4.90	-0.52	2.71	T.	10	13	2	16	....	Herbert Neff
Arlberg	Stone	700	10	....	....	....	....	....	....	....	4.85	....	2.41	1.1	6	14	10	7	ne.	J. D. Reeves
Batesville	Independence	277	33	43.9	-6.9	83	20	10	13	50	4.04	-0.15	1.67	T.	8	16	0	15	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	47.9^{b}	-3.9	83	21	11^{c}	9	45^{c}	4.23	-0.45	1.70	1.0	7	14	6	11	n.	J. E. Scanlan
Bentonville	Benton	1303	27	42.8	-5.6	80	20	7	9	37	2.07	-1.50	0.81	1.0	9	16	6	9	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	2	....	....	....	....	....	....	....	5.75	....	2.00	T.	6	19	0	12	....	Harry Johnson
Black Rock	Lawrence	259	30	....	....	....	....	....	....	....	3.64	-0.51	1.25	T	8	18	1	12	s.	Vernon C. Howe
Blytheville	Mississippi	252	7	48.0	....	83	20	13	9	38	5.27	....	1.76	T.	8	8	7	16	s.	Charles Phillips Jr.
Booneville	Logan	465	18	49.4	-4.3	85	20	12	9	44	3.96	+0.64	2.23	0.2	8	13	8	10	w.	F. H. Randolph
Brinkley	Monroe	205	45	49.9	-3.5	86	20	14	9	40	5.98	+0.34	1.81	1.0	8	16	3	12	nw.	R. J. Torry
Calico Rock	Izard	361	28	41.2	-4.1	84	20	11	9†	51	3.35	-0.04	1.32	T.	8	8	18	5	w.	W. J. Copp
Camden	Ouachita	158	47	49.2	-6.2	85	20	16	9†	46	4.87	-0.20	1.55	0.6	12	15	2	14	n.	Georgia Quarterman
Carthage	Dallas	....	26	....	....	81^{j}	20	14^{j}	13	42^{j}	4.53	-0.53	1.45	2.5	11	16	3	12	....	C. R. Tewalt
Center Point	Howard	470	33	51.6	-4.6	86	20	14	9	43	4.19	-0.48	1.49	0.3	8	16	8	7	s.	John C. Floyd
Clarendon	Monroe	172	28	....	....	....	....	....	....	....	4.97	-0.11	1.44	0.2	13	15	3	13	n.	J. W. Bishop
Clinton	Van Buren	516	11	....	....	....	....	....	....	....	3.37	-1.58	1.81	1.0	5	12	9	10	n.	A. L. Stephens
Conway	Faulkner	309	49	49.8	-4.0	85	20	14	9	41	5.76	+1.24	3.43	T.	10	19	5	7	w.	E. E. Cordrey
Corning	Clay	293	39	47.2	-3.8	81	1†	12	9	38	4.09	-0.51	1.53	T.	7	18	6	7	nw.	Winfred D. Polk
Cotter	Baxter	403	5	....	....	....	....	....	....	....	2.26	....	0.57	0.4	7	16	4	11	n.	O. B. McSpadden
Crosset	Ashley	175	20	50.1^{a}	....	86^{a}	20	19^{a}	10	45^{a}	3.65	-1.40	2.25	T.	8	14	4	13	n.	G. A. Gifford
Danville	Yell	327	16	....	....	....	....	....	....	....	4.75	+0.97	2.05	T.	5	11	1	19	e.	C. G. Hudson
Dardanelle	Yell	330	46	50.2	-2.4	86	20	13	9	40	4.87	+0.61	1.72	T.	10	11	8	12	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	....	....	....	....	....	....	....	5.93	....	1.69	T.	9	20	2	9	....	H. G. Pate
Dumas	Desha	162	26	*50.8*	-4.8	85	20	17	9	39	3.41	-2.41	1.08	0.5	10	12	13	6	n.	Ben Johnson
Dutton	Madison	1590	29	43.1	-3.1	79	20	5	9†	52	3.11	-0.82	1.20	4.0	7	13	8	10	n.	J. M. Ricketts
El Dorado	Union	270	31	53.2	-3.2	86	20	18	9	31	3.87	-1.18	1.90	T	12	13	5	13	nw	J. J. Babb
England	Lonoke	229	25	51.0	-2.6	83	1†	16	9	41	4.79	-0.02	1.55	1.5	10	13	6	12	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	44.8	-5.6	82	20	6	9	45	2.86	-0.88	1.24	1.0	10	9	11	11	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	45.2	-4.4	80	20	8	9	39	2.82	-0.79	0.88	1.8	12	9	14	8	sw.	University of Arkansas
Fort Smith	Sebastian	457	55	47.9	-4.7	86	20	13	9	41	2.88	-0.13	1.81	1.2	11	9	11	11	nw.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	8	....	....	....	....	....	....	....	3.40	....	1.35	2.5	10	17	7	7	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	46	....	....	....	....	....	....	....	6.10	+1.62	2.04	1.5	9	15	4	12	....	T. J. Logan
Georgetown	White	200	20	....	....	....	....	....	....	....	6.10	+1.07	2.84	0.5	10	15	4	12	....	W. R. Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	2.73	....	1.04	1.0	9	13	12	6	....	Ben F. Battenfield
Grannis	Polk	900	13	45.2	-3.5	86	20	12	9†	44	4.59	+0.26	1.78	0.5	13	16	6	9	n.	W. E. McVay
Gravette	Benton	1250	35	43.6	-2.2	79	20	7	9	44	1.70	-2.06	0.48	2.0	8	6	13	12	n.	A. F. Stevens
Harrison	Boone	1052	32	44.8	-3.9	83	20	8	9	43	1.63	-1.54	0.73	0.5	6	13	11	7	sw	Louis R. Keck
Helena	Phillips	250	60	50.0	-3.8	84	20	14	9	41	4.20	-1.97	1.30	0.5	9	9	8	14	nw.	James A. Burnett
Higden	Cleburne	445	13	....	....	....	....	....	....	....	3.66	-1.37	1.86	0.2	7	15	9	7	w.	Geo. W. Baker
Highland	Pike	....	12	51.2	....	86	20	14	9	36	6.49	+2.13	1.66	2.3	11	8	9	14	e.	Tom W. Stewart
Hope	Hempstead	377	61	....	....	....	....	15	9	....	*6.17*	+1.07	*2.00*	2.0	9	13	12	6	sw.	N. P. O'Neal
Hot Springs	Garland	600	41	50.8	3.0	83	20	18	9†	33	5.66	+0.73	1.75	T.	8	8	20	3	....	G. C. Bolton
Index ‡‡	Little River	275	7	....	....	....	....	....	....	....	5.27	....	1.40	1.4	12	17	0	14	....	H. G. Sanderson
Jessieville	Garland	750	6	....	....	....	....	....	....	....	3.76	....	1.45	T	6	13	9	9	....	U. S. Forest Service
Jonesboro	Craighead	345	37	48.7	-3.7	85	20	12	9	37	4.65	-0.02	1.61	0.1	7	18	8	5	nw.	Benedictine Sisters
Lead Hill	Boone	650	26	45.1	-4.1	81	25	9	9†	52	2.19	-1.90	0.88	T.	10	13	9	9	nw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	49.4	-3.6	84	20	15	9	39	5.23	+0.61	2.12	0.1	11	9	8	14	n.	U. S. Weather Bureau
Lurton	Newton	2100	7	41.4^{a}	....	75^{a}	20	3^{a}	9	35^{b}	3.85	....	1.77	3.3	9	15	4	12	s.	I. C. Sutton
Lutherville‡‡	Johnson	775	33	47.8	-4.0	84	20	8	9	41	4.30	+0.43	1.55	1.0	8	15	3	13	nw.	H. G. Lenherdt
Madison	St Francis	....	2	....	....	....	....	....	....	....	6.60	....	2.50	0.5	7	15	0	16	....	William G. Hager
Magnolia	Columbia	315	16	52.0^{g}	-5.0	86^{g}	20†	17^{g}	9	39^{g}	5.28	+0.58	1.73	...	..	10^{g}	8^{g}	6^{g}	....	State Agri. School
Malvern	Hot Springs	277	45	50.4	-3.6	84	20	15	9	43	5.56	+0.55	1.52	1.0	8	17	6	8	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	27	47.2	-2.8	81	1	10	9	39	2.41	-0.68	0.60	T.	7	17	10	4	nw.	S. F. Whittaker
Marianna	Lee	235	20	50.5	-3.5	86	20	15	9	36	4.07	-0.96	1.47	0.3	8	11	9	11	ne.	C. N. Houck
Marked Tree	Poinsett	229	27	46.2	-4.9	84	20	13	9†	41	6.56	+1.67	2.95	T.	8	10	11	10	s.	Charles Walton
Marshall	Searcy	1070	18	45.8	-6.0	80	20	8	9	37	3.40	-0.57	1.77	1.9	7	15	3	13	sw.	A. J. Parks
Mena	Polk	1185	44	48.6	-3.8	83	20	11	9	35	3.55	-1.10	0.98	0.5	12	8	9	14	ne	E. W. St. John
Morrilton	Conway	347	9	47.6	....	82	20	15	9	43	4.24	....	2.20	T.	7	15	4	12	nw.	John Cook
Mountain Home	Baxter	800	18	45.6	-5.1	85	20	8	9	42	2.20	-1.42	0.65	T.	6	15	4	12	w.	B. S. Halbert
Mount Ida	Montgomery	650	33	47.3	-5.3	83	20	10	13	46	5.31	+0.91	2.30	1.0	6	9	12	10	sw.	G. A. Whittington
Newport	Jackson	231	48	48.6	-4.0	84	20	13	9	39	5.26	+0.51	2.31	0.5	10	12	10	9	s.	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	3.85	....	1.37	0.1	8	12	12	7	....	U. S. Forest Service
Oden	Montgomery	800	6	....	....	....	....	....	....	....	3.99	....	1.73	T.	7	19	4	8	sw.	U. S. Forest Service
Okay	Howard	288	3	49.2^{f}	....	87^{e}	20	15^{f}	9†	38^{g}	6.93	....	2.05	0.8	11	15	7	9	s.	Charles R. Jackson
Osceola	Mississippi	240	34	48.8	-4.7	83	1†	14	9	37	6.35	+1.31	2.10	T.	7	10	11	10	s.	Charles H. Hampton
Ozark	Franklin	396	37	46.8	-6.0	84	20	12	9†	48	2.75	-1.22	1.50	0.1	9	16	1	14	e.	Orkney O. Milton
Paragould	Greene	301	9	....	....	....	....	....	....	....	4.60	....	2.13	T.	9	17	3	11	s.	W. R. Heagler
Parkin	Cross	....	2	....	....	....	....	....	....	....	5.58	....	2.00	T.	8	13	4	14	....	P. D. Roberts
Patterson	Woodruff	196	16	....	....	....	....	....	....	....	6.55	+1.07	2.70	T.	8	16	2	13	n.	W. E. Baker
Piggott	Clay	307	7	....	....	....	....	....	....	....	4.03	....	2.07	0.7	7	16	6	9	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	52.0	-2.8	87	20	11	9	41	5.38	+0.07	1.36	1.8	11	11	12	8	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	47.2	-4.0	82	20	10	9	40	3.35	-1.33	1.80	0.5	5	12	4	15	n.	Benedictine Sisters
Portland	Ashley	122	26	53.4	-3.4	84	20†	20	9	38	3.79	-1.44	2.45	T.	7	9	14	8	n.	W. E. Edmiston
Prescott	Nevada	329	44	52.4	-3.2	87	20	15	9	39	6.34	+1.88	2.08	0.5	10	13	6	12	s.	Craig Williams
Rison	Cleveland	243	31	....	....	....	....	....	....	....	....	....	....	...	..	..	..	..	....	Mrs. M. V Tisdale
Rogers	Benton	1385	41	45.0	-4.2	82	20	7	9	43	2.93	-0.45	0.97	2.4	8	14	6	11	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	...	..	.	..	..	...	Ballard Deane
Saint Francis	Clay	290	4	....	....	....	....	....	....	....	4.29	....	1.61	T.	8	19	3	9	....	S. T. Rooney
Searcy	White	236	22	48.1	-4.3	83	20	12	9	40	6.06	+1.78	2.35	0.5	10	18	4	9	nw.	Arthur D. Smith
Springbank ‡‡	Miller	240	25	....	....	....	....	....	....	....	4.55	-0.08	1.43	0.5	9	17	0	14	....	Miss Grace Field
Story	Montgomery	700	8	....	....	....	....	....	....	....	5.31	....	2.40	0.9	8	17	4	10	n.	S. C. Story
Stuttgart	Arkansas	228	45	51.0	-2.8	84	20	15	9	37	5.09	-0.37	1.42	0.6	10	12	9	10	n.	Adam F. Buerkle
Subiaco	Logan	1050	35	48.2^{c}	-5.1	86^{c}	20	11^{c}	9	43^{c}	4.32	+0.54	1.78	5.5	12	17	2	12	s.	New Subiaco Abbey
Sunset	Washington	....	1	43.4	....	78	20	2	9	41	2.72	....	1.13	3.4	10	13	9	9	ne.	Walter James
Texarkana	Miller	332	46	52.2	-4.3	86	20	15	9	38	6.41	+2.24	1.75	1.0	6	14	7	10	n.	H. S. Brashear
Thornburg	Perry	650	11	48.4	...	83	20	8	13	44	5.73	+1.50	2.96	0.3	8	16	5	10	s.	Edward E. Holmes
Waldron	Scott	675	13	....	....	....	....	....	....	....	3.31	-0.42	1.51	3.0	10	6	7	18	sw	Dr. Cheves Bevill
Warren	Bradley	206	38	51.7^{b}	-4.4	85^{c}	20	16	9	34^{c}	3.95	-1.47	1.50	T.	9	15	10	6	se.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	....	....	....	....	....	....	....	4.06	....	1.88	T.	5	12	7	12	nw.	J. R. Huddleston
Whitecliffs	Little River	290	28	....	....	....	....	....	....	....	6.41	+2.18	2.14	1.0	9	15	1	15	se.	Nannie O. Schirmer
Wilson	Mississippi	237	7	47.6	....	83	20	13	9	38	4.75	....	1.40	T.	8	14	5	12	sw.	S.N. Johnson
Wynne	Cross	250	24	47.3	-4.4	83	1	12	9	37	5.91	+0.73	2.45	T.	6	12	11	8	n.	R. T. Cobbs
Yancopin	Desha	167	8	....	....	....	....	....	....	....	3.96	....	1.40	0.2	10	13	3	15	....	W. E. Barton
State Means				48.2	-4.4	82	20	2	9	52	4.48	-0.20	3.43	1.1	9	13	7	11	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m: *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for March, 1932

Stations	Drainage-basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
nty	Ouachita			1.00		.92			.02			.02						.71		.03								1.34			.26	1.01	5 31
kadelphia.	Ouachita			1.24	.03	.95			10	.01		.01	T.					.50		.04		.01						1.84	.37		.02	2.21	7.38
kansas City	Mississippi			.34	.70	14	.05		T	.09								.08		.07			T.					.14	.58		T.	2.71	4.90
lberg.	White			.86		.28		.06				T						.58										2.41			.16		4.35
tesville.	White			.44	.16	.12	T		T.			T.	.02					.43					T.					1.67	.64			.56	4.04
e Branch.	Arkansas	T.		.50		.55		.10									T	.82		.04								1.70			.52		4.23
ntonville ***	Arkansas	.04		.03	.31	T.		.10	T.	T	T.	T.	T				.81		.04			.01				.11		T.			.62		2.07
Lake Outlet	St. Francis			T.	.60	T.	.10			T								.85					T.					2.00	.95			1.35	5.75
ick Rock	White			.31	.25	.21	T.			T.								.32										1.25	.63		.02	65	3.64
ytheville	St. Francis			.11	.57	.01	.07			T								.70					T.					1.76	.64			1.41	5.27
oneville-	Arkansas	T.		.32		.28		T.	T.			.01	T.				.01	.50	.23							T.		2.23			.38		3.96
inkley	White			.75	.30	.10		T.	.10									.66										1.84	.76			1 47	5.9
lico Rock	White		T.	.43	.25	.10	04	T.				T.	T.					.78										1.32	.18		T.	.25	3.35
mden	Ouachita			1.00	.25	.65			.06	.01		.03						.02				.01	.01					1.25	.03			1.55	4.87
rthage	Ouachita			1.05	.15	.04	.01		.15			.01						.55		05								1.03	.04			1.45	4.53
nter Point	Red			.89				T.	T.			.03					T.	.28								T.	.25	1.49		.01	1.12	.12	4.19
rendon	White			.85	.15	.22	.02		.01			.01						.26		.06			.01					1.18	.74		.02	1.44	4.97
nton	White				.50			.38									.45					T.						1.81			.23		3.37
nway.	Arkansas			.77		.26		T.				T.					.09	.63	.09	.03		T.					.02	3.43			.38	.06	5.76
rning	White				.50	.16			T.									.65										1.53	.55		.10	.60	4.09
tter.	White	T.	T.	.80	.24	.10		T.										.47									T.	.57			.08	.50	2.26
ossett	Ouachita		.15	.15	.38	.10			.01											.01									.60			2.25	3.65
nville.	Arkansas			1.21		.71						T	T.					.42										2.05			.36		4.75
rdanelle	Arkansas			.82	.30	.74			.04									.50		.12								1.72	.36		.10	.17	4 87
Valls Bluff	White			.95	.10	.19			T.									.62		.08		.02						1.50	.83			1.69	5.98
mas	Mississippi			.30	.51	.10	.10		.05	T.		T.						.12		.10			T.					.95			.10	1.08	3.41
tton	White			.60		.40		.18				.10	T.					.53	10				T.					1.20					3.11
lorado	Ouachita			.44	.04	.40	.06		03	.04		.01						.10		.01								.82			.02	1.90	3.87
gland	Arkansas	T.		.98		.26		T.	05			.02	T.				T.	.69	.04	.10		T.					.02	1.55			1.08		4.79
reka Springs	White			.42		.21		10				.05	.03				.10	1.24				.05					.10				.56		2.86
yetteville	White	T.	.01	.17		.42		.09	T.	T.	T.	03	.04				.03	.88		.07		T.	T.				T.	.35	.02		.71		2.82
rt Smith ***	Arkansas	T.		.11	.29	.03		.02	T.			.11	T.				.16		08			T.			T.		.85	.96		.01	.26		2.88
eeman Sprgs.	Arkansas			.39	.17	50			.13	T.		T.	.02					.65		.11								1.35	.02			.06	3.40
lton	Red		T.	1.05	.20	1.31	T.		.03	T.		.12	T.							T.		.03				.05		1.24	T.		T.	2.04	6.10
orgetown	White			.70	.10	.15	.08		.10									.78		.08			T.					2.84	.40			.90	6.10
bert	White			.41	.09	.10		T	.05			T.						.48			T.						.04	1.04	.12			.40	2.73
annis	Red			.63		.40		.01	T.			.08	T.	T.			05	.46	.03			.05				.16	.16	1.78			.62	.04	4.50
avette	Arkansas	T.	.25	T	T	.21		.08	T	T.	T	T	T.				.43	.07	.07			T.					.12				.42		1.70
rrison	White			.35				.05				T.						.73		.02							.03	.45					1.63
lena	Mississippi			.15	.86	.10	03		.02									.30					T.					.25	1.30			1 19	4.20
gden	White			.52		.38		.04				T.						.43	T.	.03								1 86			.40		3.66
ghland	Ouachita			.97	.93	.81			.07			.16					.04	.25									.11	1.66			1.38	.11	6.49
pe	Red			1.50		.99		T.	.05			.14					T.		.05							.03		1.23			2.00	.27	6.17
t Springs	Ouachita			.91	.56	.20			T.			T.						1.09	.15								.17	1.75			.83		5.66
lex	Red			1.10	.16	1.40			.01	03		.04	T.									.02				.01		1.09	.14		.02	1 25	5.27
sieville	Ouachita			.72		.51			T.			T.						.40		.10								1.45			.58		3.76
nesboro	White			.10	.36				.07	T.			T.					.75										1.61	.75			1.01	4.65
ad Hill	White	T.		.40		.19		.01	T.		T	T.					.04	.88		.01		.03	T.				.02	.44			.17		2.19
ttle Rock ***	Arkansas	T.		.86	.04	.28		T	.01			.01					.77		.06			T.					.09	2.03		T.	1.07	.01	5.23
rton	White	T.		.49		50		*		T	T.	▪	.10				.55		.05									1.77			.39		3.85
therville	Arkansas	T.		1.10	T.	.40		.04				T.	T.				.06	.67	T.	.15							T.	1.55			.33		4 30
dison	St. Francis			.78	.12	T.	T.		.05									.30										2.50	.55			2.30	6.60
gnolia	Red			1.73		1.03																						1 27			1.25		5.28
lvern	Ouachita			1.00		.51		T.	13			.03						.95										1.52	.30			1.12	5.56
mmoth Spg.	White			.12	.40	.23	T.			T.				T.				.58									.20	.60			T.	.28	2.41
rianna	St. Francis			1.25		.12		T.	.03			T.					.02	.13										1.47			.50	.55	4.07
rked Tree	St. Francis			.38	.60	.05	26			T.								.60										2.95	.46			1.26	6.56
rshall	White			.66		.14		.02				.03						.63										1.77			.15		3.40
na	Ouachita			.66	.04	40			.02			.02	T.					.81		.01						.05		.98	.18		.02	.35	3.55
rrillton	Arkansas			.52		.32			T.			T.						.34		.12								2.20	.44		T.	.30	4.24
untain Home	White			.65		.15		T.		T.		T.						.50										.55			.35		2.20
unt Ida	Ouachita			.99		.48			.05									1.13										2 30			.36		5.31
wport	White			.33		.42	.16	.06		.01			.02	T.				.67										2.31	.45			.83	5.26
rman	Ouachita			.70		.50			T.	.01			T.					.79		.08								1.37	T.		.08	.34	3.85
en	Ouachita			.96		.31	T.		T.			T	T.					.71		.09								1.73			.07	.12	3.99
ay	Red			1.54	.02	1.12	T.		.05	T.		.08	T.					.45				.05				.10		1.40	T.		.07	2.05	6.93
ceola	Mississippi			▪	*	1.10	T.			T		T.	T.				T.	.50										2.10	1.12			1.53	6.35
ark	Arkansas		T.	.27		.16			.04			T.	.01					.36		.15			T.				T.	1.50	.10		.16		2.75
ragould	St. Francis			.03	.30	.13	.08			T.								.64					.05					2.13	.23			1.01	4.60
rkin	St. Francis			.52	.36	.05	.06											.50		T								2.00	.88			1.21	5.58
tterson	White			.81	.28	.21			.05									.67										2.70	.80			1.03	6.55
ggott	St. Francis	T.		.32		.11			.03									.43				.07						2.07			1.00		4.03
ne Bluff	Arkansas			1.24	.24	.30	T.		.12	T.		.09						.43		.09								1.12	.33		.06	1.36	5.38
cahontas	White			.46		.12												.55										1.80			.42		3.85
rtland	Ouachita			.28	.18	.22			T.	.06			T.					.21											.39			2.45	3.79
escott	Ouachita			1.87	.10	.70			.12			.09	T.					.12				.01				T.		1.22			.03	2.08	6.34
son	Ouachita																																
gers	White			.53		.26		.03		T.	T.	T.	T.				.55	.97	.10			T.						.02			.47		2.98
Charles	White																																
Francis	St. Francis			.10	.35	T.	.12			.10								.51					T.					1.61	.62		T.	.98	4.29
arcy	White			.64	.40	.26			.05									.56		.03								2.35	.74		.03	1.00	6.08
ringbank	Red			1.48	.20	1.32	T.		.04	T.		.13	T					T.		.04		T.				T.		.16	.11		T.	1.12	4.55
ory	Ouachita			2.40		.02			.04			.08						.50		.06								1.78				.48	5.31
ttgart	Arkansas			.97		.38	T.		.02			.02						.52		.07								1.24	.42		.03	1.42	5.09
biaco	Arkansas	.01		.44	T.	76		.15	.01			.10	.08				.02	.41		.16								1.78			.40		4.32
nset	Arkansas			.08		.45		.08		.01	T.	.10	.01					.41		.20			T.					1.13			.25		2.72
xarkana	Red			1.40		1.54			.10			.10																1.52				1.75	6.41
ornburg	Arkansas	T.	T.	.83	T.	.47		T.	T.		T.	03					.09	.99	.03			T.					T.	2.96			.33		5.73
aldron	Arkansas	T.		.40		.22		.10				.14	.06					.55	.04							.07		1.51			.22		3.31
arren	Ouachita			.35	.40	.20	T.		.05	T.		T.	T.					.05		.10		.10						1.20	T.		T.	1.50	3.95
aters	Ouachita			.88		.46						T.	T.					.62										1.88				.22	4.06
hitecliffs	Red	T.	T.	.88	.05	1.00	T.	T.	.02			.08	T.					.54	T.	T.		T.				.12		2.14			T.	1.58	6.41
lson	Mississippi			.28	.62		.09											.48					.07					1.40	58			1.23	4.75
ynne	St. Francis			.86			T.		T.				T.					.61					.26					2.45	.28			1.45	5.91
ncopin	Arkansas			.37	.66	.10	.05		T.	.03		T.						.22		.12			T.					.94	.07			1.40	3.96

Daily River Stages for March. 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
rt Smith	Arkansas	22	7.4	7.2	7.0	6.8	6.8	7.0	6.8	6.8	6.3	6.0	5.8	5.8	5.8	5.6	5.6	5.5	5.5	6.0	6.2	6.8	6.5	6.3	6.3	6.1	6.0	5.9	6.2	8.0	8.9	8.7	8.0
ark	do	22	4.9	4.5	4.2	4.0	4.0	4.0	4 0	4.0	3.4	3.4	3.2	2 9	2.8	2.7	2.6	2.4	2.4	2.4	2.6	3.2	3.6	3.4	3.2	3.1	2.9	2.6	2.7	4.4	5.6	6.0	6.0
rdanelle	do	20	8.0	7.8	7.6	7.5	7.5	7.6	7.5	7.4	7.2	6.9	6.7	6.4	6.2	6.1	6.0	5.9	6.0	6.0	6.0	6.2	6.5	6.6	6.5	6.4	6.2	6.0	6.2	7.6	8.4	9.0	9.1
rrillton	do	20	5.0	4.5	4.3	4.1	4.0	4.5	4.5	4.3	3.8	3.5	3.0	2 8	2.5	2.2	2.0	2.0	2.0	2.2	2.2	2.0	2.5	2.8	2.6	2.5	2.4	2.2	2.3	4.5	5.5	6.4	6.5
ttle Rock	do	23	6.3	5.6	5.3	5.1	5.2	5.5	5.8	5.6	5.2	4.8	4.4	4.0	3.6	3.4	3.2	3.0	3.0	3.1	3.5	3.4	3.3	3.4	3.6	3.5	3.3	3.1	3.3	5.8	7.4	8.1	8.4
ne Bluff	do	25	11.9	11.2	10.8	10.6	10.0	10.0	10.4	10.8	10.8	10.4	10.2	9.6	9.3	8.9	8.6	8.6	8.5	8.3	8.3	8.5	8.6	8.6	8.6	8.8	8.8	8.6	8.8	8.9	10.3	12.8	13.0
ncopin	do	29	38.9	38.4	37.8	37.2	36.4	35.5	34.5	33.4	32.2	30.8	29.3	27.8	26.3	25.1	24.0	23.0	22.1	21.1	20.2	19.3	18.5	17.5	16.7	16.1	15.8	15.6	15.7	16.1	17.2	19.7	21.2
nville	Petit Jean	20	5.3	4.9	8.2	8.9	9.3	8.6	7.8	6.9	6.1	5.4	4.9	4.6	4.3	4 1	4.4	4.7	4.9	5.1	4.7	4.5	4.3	4.5	4.4	4.3	4.3	4.4	7.5	19.4	21.7	20.9	18.6

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.0	4.0	4.0	4.0	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.8	4.4	4.9	5.2	5.5	5.5	5.5	5.4	4.9	4.2	4.2	4.2	4.0	3.9	4.1
Calico Rock	do	18	2.6	2.4	2.3	2.5	2.7	2.8	2.4	2.3	2.3	2.5	2.3	2.0	2.3	2.1	1.9	1.7	2.0	3.2	3.8	4.4	4.1	4.0	4.0	3.7	3.3	2.8	3.0	3.6	3.6	3.2	2.9
Batesville	do	23	8.8	7.9	8.0	8.2	8.3	8.4	8.3	7.9	7.6	7.9	7.9	7.6	7.4	7.6	7.5	7.0	7.2	7.3	8.3	9.5	9.5	9.5	9.3	9.1	8.8	8.5	8.6	11.0	10.6	9.4	9.4
Newport	do	26	10.6	9.8	8.6	8.1	7.8	7.6	7.4	7.0	6.6	6.1	6.0	5.9	5.5	5.4	5.2	5.1	4.8	5.0	5.3	6.9	7.6	7.9	7.9	7.9	7.5	7.2	6.9	10.0	11.7	11.8	11.1
Georgetown	do	22	18.4	17.5	16.6	15.8	15.0	14.2	13.5	13.0	12.4	11.7	11.1	10.5	10.0	9.5	9.0	8.6	8.4	8.3	8.2	8.4	9.3	10.0	10.4	10.8	10.8	10.6	10.7	13.4	15.9	17.0	17.2
De Valls Bluff	do	24	21.4	21.2	21.0	20.8	20.1	19.8	19.4	18.9	18.4	17.9	17.5	16.8	16.2	15.6	15.0	14.4	14.0	13.8	13.5	13.5	13.6	14.0	14.5	14.8	15.0	14.9	15.0	17.0	18.2	19.2	20.3
Clarendon	do	30	27.3	27.1	26.9	26.7	26.3	25.9	25.5	25.1	24.6	24.2	23.7	23.1	22.5	21.9	21.2	20.5	19.9	19.3	18.8	18.4	18.2	18.1	18.2	18.3	18.4	18.4	18.3	19.4	20.5	21.4	22.4
Gilbert	Buffalo	30	3.5	3.5	3.9	3.9	3.9	3.8	4.2	3.9	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6	4.6	4.3	4.3	4.0	3.8	3.7	3.6	3.6	3.6	3.8	5.8	5.4	5.0	4.8
Black Rock	Black	14	8.4	7.8	7.4	6.8	6.4	6.0	5.7	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.7	4.6	4.5	5.2	5.6	6.0	6.5	6.5	6.4	6.3	6.1	6.0	6.6	8.8	8.5	8.0	7.5
Arkadelphia	Ouachita	12	3.0	3.2	3.9	4.7	5.0	5.0	4.2	4.0	3.8	3.6	3.5	3.5	3.4	3.2	3.3	2.7	3.8	3.3	3.4	3.2	1.5	3.0	3.0	2.9	2.9	2.5	3.6	6.7	5.3	5.3	9.6
Camden	Ouachita	30	23.3	21.0	19.9	20.2	22.8	24.5	25.5	25.9	25.6	25.2	24.3	22.1	20.0	18.3	17.9	17.1	16.3	16.0	16.8	16.8	16.0	15.1	13.8	13.7	13.2	12.8	12.6	13.8	18.8	22.2	23.2
Fulton	Red	28	22.1	20.4	19.2	18.0	17.1	17.0	17.1	16.6	15.9	14.7	13.3	13.1	12.6	11.7	10.3	10.1	9.9	9.7	9.6	9.5	9.5	9.4	9.2	9.1	9.0	8.6	9.1	10.5	12.9	14.4	16.7
Helena	Mississippi	44	45.7	44.5	43.1	41.4	39.2	36.7	33.9	30.8	28.6	27.2	26.4	25.9	25.6	25.6	25.6	25.4	25.1	24.4	23.4	22.4	21.6	21.0	20.6	20.6	21.0	21.8	22.9	24.7	26.4	27.8	29.2
Arkansas City	do	48	52.4	51.9	51.4	50.8	49.9	48.9	47.6	46.1	44.3	42.3	40.3	38.4	36.8	35.5	34.5	33.6	32.7	31.9	30.8	29.7	28.5	27.3	26.3	25.4	24.9	24.8	25.0	25.8	27.0	28.5	30.2

Daily temperatures for March, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Bee Branch	Maximum	75	72	66	62	58	50	48	35	36	39	40	34	46	52	68	69	64	60	71	82	83	77	64	65	74	75	63	70	73	70	66	61.5
	Minimum	..	..	..	47	28	21	23	24	11	16	26	22	16	26	27	49	46	36	35	48	51	32	34	34	42	54	45	34	40	53	40	34.3
Bentonville	Maximum	72	56	53	62	29	35	24	22	24	28	29	29	47	48	68	67	54	58	69	80	69	51	60	62	77	66	56	68	71	59	63	53.4
	Minimum	56	47	46	29	18	16	14	10	7	10	21	18	16	21	32	45	38	33	37	51	32	28	34	42	48	50	44	39	47	40	33	32.3
Blytheville	Maximum	81	75	67	52	51	36	36	32	30	35	38	36	41	43	60	64	63	56	69	83	78	75	59	67	75	73	61	67	72	68	58	58.1
	Minimum	54	59	49	45	28	20	23	25	13	19	28	24	18	27	28	48	46	33	42	48	62	37	36	39	45	59	44	36	44	55	42	37.9
Brinkley	Maximum	84	75	69	58	56	46	43	35	32	38	35	37	47	51	70	69	65	64	74	86	82	62	63	70	77	74	65	72	75	68	63	61.5
	Minimum	54	58	51	48	30	22	27	27	14	20	27	24	15	26	30	54	46	34	39	53	61	39	32	36	44	57	45	33	43	55	42	38.3
Calico Rock§§	Maximum	79	62	52	55	37	42	31	32	29	37	36	36	52	49	67	72	60	62	74	84	79	56	65	68	78	67	57	71	74	63	65	57.8
	Minimum	42	52	46	44	28	18	21	21	11	13	18	22	11	22	24	26	37	30	32	33	52	32	29	30	36	44	45	31	34	35	34	30.7
Camden§§	Maximum	80	71	64	70	46	52	43	34	36	40	37	42	49	59	70	67	69	70	77	85	81	61	65	71	80	71	61	73	73	64	66	62.2
	Minimum	47	51	59	51	38	25	28	27	16	16	20	25	19	22	30	33	51	36	36	39	61	39	35	34	34	50	46	35	36	43	43	36.3
Carthage§§	Maximum	..	..	..	..	..	..	..	..	..	..	37	38	47	57	69	67	65	68	76	81	70	61	64	70	74	72	68	76	74	62	65	64.8
	Minimum	..	..	..	..	..	..	..	..	..	..	28	24	14	21	27	35	49	35	39	39	56	40	33	32	34	50	47	35	35	41	41	36.0
Center Point	Maximum	78	74	70	62	59	52	46	36	35	41	35	38	51	59	69	66	67	69	77	86	77	77	65	71	80	77	62	74	69	62	72	63.1
	Minimum	58	61	57	51	32	23	32	26	14	16	25	23	16	28	38	50	46	41	42	56	46	34	45	44	49	56	48	41	49	56	39	40.0
Conway	Maximum	80	74	68	67	61	45	45	37	35	38	37	39	51	52	72	68	65	61	75	85	81	57	65	70	78	74	61	72	74	68	68	62.0
	Minimum	55	53	52	49	32	23	27	27	14	19	28	25	18	28	31	49	48	38	37	52	45	36	35	38	47	58	45	36	43	38	42	37.7
Corning	Maximum	81	75	59	52	51	37	36	33	30	35	39	35	43	44	61	64	61	58	69	81	81	74	62	63	76	73	62	68	72	68	61	58.4
	Minimum	49	54	47	47	26	19	20	22	12	17	26	24	17	25	27	48	44	30	37	45	61	36	31	33	47	58	44	37	40	53	38	35.9
Crossett§§	Maximum	81	72	69	..	50	52	51	36	31	43	42	44	48	58	67	70	69	72	84	86	84	58	65	71	79	65	62	76	76	58	58	[illegible]
	Minimum	48	55	54	49	..	26	27	32	20	19	22	27	20	26	35	39	42	38	39	41	47	41	34	36	38	54	39	37	39	50	47	37.4
Dardanelle	Maximum	77	71	68	65	63	48	45	37	33	38	36	35	52	53	74	72	65	62	77	86	81	59	66	71	80	78	61	73	74	68	76	62.5
	Minimum	54	56	51	51	31	22	27	27	13	17	27	25	17	27	34	46	47	35	38	49	42	34	35	39	51	60	46	35	41	55	46	37.8
Dumas	Maximum	76	75	70	63	60	40	43	40	34	37	34	33	48	50	70	65	67	69	74	85	80	69	64	71	78	80	68	72	68	69	66	61.9
	Minimum	58	58	54	51	33	23	31	28	17	21	28	25	19	30	31	54	51	36	43	54	53	39	34	34	46	48	46	37	45	58	44	39.6
Dutton	Maximum	77	64	63	58	55	45	42	24	24	31	30	28	45	65	68	71	74	76	66	79	73	51	58	60	75	74	70	65	69	70	72	58.8
	Minimum	38	47	49	43	20	15	15	11	5	9	20	25	5	21	46	21	22	24	28	43	31	35	24	25	36	31	41	38	28	30	38	27.4
El Dorado	Maximum	83	76	69	72	66	53	50	41	34	39	39	40	50	62	70	68	70	73	77	86	83	61	65	72	81	72	70	74	75	70	66	64.7
	Minimum	54	56	59	52	34	26	33	29	18	21	29	26	21	31	36	57	55	40	44	55	50	40	41	38	48	61	48	40	46	60	46	41.7
Eureka Springs	Maximum	73	68	53	63	55	38	31	25	27	30	29	31	46	52	70	66	56	59	72	82	79	54	62	64	78	73	55	71	71	63	[illegible]	56.8
	Minimum	64	47	45	44	19	13	14	13	6	9	20	15	14	20	33	47	38	34	40	49	34	27	33	43	49	52	42	41	47	42	23	32.8
Fayetteville	Maximum	72	69	57	65	59	36	32	21	25	28	30	28	46	51	68	68	63	55	68	80	73	51	59	63	78	73	62	68	69	64	[illegible]	56.3
	Minimum	62	48	48	47	20	18	16	14	8	10	21	18	16	22	31	57	39	32	36	57	34	29	31	41	50	52	43	36	48	43	31	34.1
Fort Smith	Maximum	75	66	64	67	38	45	31	29	30	34	31	33	52	52	73	73	61	55	77	86	73	58	61	70	82	63	66	71	72	64	66	58.6
	Minimum	60	50	54	38	26	23	26	15	13	15	24	23	21	29	35	49	46	40	36	54	37	33	38	43	48	51	48	41	48	48	41	37.2
Gravette	Maximum	74	68	53	64	44	35	28	23	23	28	30	29	47	49	68	69	55	57	70	79	77	50	61	63	77	74	66	74	70	65	[illegible]	55.7
	Minimum	44	41	46	40	17	15	13	12	7	9	21	12	13	20	32	45	35	31	33	51	33	26	30	41	48	51	43	34	49	40	29	31.4
Helena	Maximum	81	73	71	59	57	44	43	36	32	37	38	35	45	47	66	65	63	68	70	84	83	81	62	66	74	74	65	68	71	68	[illegible]	60.8
	Minimum	53	60	53	48	30	21	28	27	14	18	28	24	24	25	31	51	48	36	39	55	60	40	34	42	50	55	45	35	49	56	41	39.3
Highland	Maximum	78	74	69	70	62	54	45	35	35	38	36	37	48	59	68	65	67	67	76	86	78	62	66	70	79	77	61	72	69	65	70	62.5
	Minimum	56	59	52	58	32	25	31	26	14	18	25	25	21	30	35	52	47	41	40	51	51	35	40	40	48	54	47	36	52	49	41	[illegible]
Hot Springs	Maximum	73	71	62	68	58	52	33	37	36	44	38	39	51	58	67	62	63	68	73	83	70	68	65	68	76	62	60	71	70	61	67	60.5
	Minimum	52	56	58	50	36	24	30	30	18	26	32	28	18	32	35	48	50	38	41	54	61	39	36	40	49	52	52	38	46	59	[illegible]	41.0
Jonesboro	Maximum	83	73	64	53	51	41	37	34	29	36	35	33	44	47	65	65	62	65	71	85	81	64	62	67	77	71	64	69	73	67	[illegible]	59.1
	Minimum	54	60	50	45	27	20	25	26	12	19	26	25	18	28	28	45	48	33	42	48	62	38	37	43	46	60	45	36	43	57	40	38.3
Lead Hill	Maximum	76	69	59	58	54	37	30	29	29	34	34	34	49	51	73	74	62	62	76	80	77	55	62	69	81	75	62	70	75	67	64	58.9
	Minimum	52	51	47	45	23	17	27	18	9	13	24	19	9	22	21	34	41	27	31	59	40	30	26	31	49	52	46	29	32	45	30	31.3
Little Rock	Maximum	76	70	62	63	53	47	34	34	30	36	31	35	48	50	69	66	60	61	74	84	79	55	64	67	77	68	76	71	72	62	[illegible]	[illegible]
	Minimum	60	60	52	50	28	24	27	22	15	20	29	27	22	21	35	53	50	41	43	58	40	38	41	44	51	53	45	42	50	46	45	40.1
Lutherville	Maximum	73	69	66	61	58	58	42	32	30	36	33	34	46	53	71	70	64	57	72	81	77	55	63	69	78	72	69	69	71	65	67	59.8
	Minimum	57	52	54	48	26	17	22	20	8	10	24	21	15	25	33	52	46	35	34	53	37	31	33	38	46	57	44	38	43	51	[illegible]	35.8
Magnolia	Maximum	81	78	68	68	62	52	53	42	35	39	36	41	49	..	..	..	..	..	77	86	86	61	65	71	81	.	..	79	72	69	67	63.2
	Minimum	57	60	59	52	34	25	33	28	17	21	28	25	20	..	..	..	..	..	38	57	58	58	39	44	50	.	..	40	45	[illegible]	45	40.7
Malvern	Maximum	73	78	70	65	62	52	50	37	35	40	37	46	50	59	71	65	64	66	77	84	80	59	66	67	78	77	59	72	75	68	69	62.5
	Minimum	49	56	56	51	35	23	30	28	15	18	27	25	17	29	28	51	46	35	38	49	57	38	34	33	42	56	47	35	38	58	40	38.4
Mammoth Spring	Maximum	81	76	73	51	50	37	33	32	27	33	39	33	46	49	62	69	64	69	72	80	29	52	63	72	78	78	61	67	73	63	62	58.9
	Minimum	53	50	46	46	26	18	20	21	10	14	25	22	13	25	23	45	42	52	49	45	48	31	36	45	52	50	50	31	34	47	36	35.6
Marianna	Maximum	82	78	72	65	57	50	43	37	35	38	36	36	43	48	66	69	67	62	72	86	82	74	63	68	77	73	71	71	74	70	[illegible]	62.2
	Minimum	50	59	54	50	31	23	29	28	15	21	28	26	20	25	31	51	49	37	41	55	51	40	35	37	48	51	36	35	46	58	44	38.8
Marshall	Maximum	76	69	61	58	58	52	40	34	24	32	32	30	46	47	65	68	60	55	67	80	75	65	57	61	76	75	66	66	66	65	61	57.6
	Minimum	59	51	45	44	23	16	18	19	8	12	21	19	11	22	45	56	41	29	32	53	42	28	27	41	49	52	42	32	44	45	30	34.1
Mena	Maximum	75	71	67	67	56	52	42	30	30	36	31	33	50	62	68	67	62	61	75	85	75	58	65	69	77	73	58	72	69	62	[illegible]	60.1
	Minimum	57	57	55	48	26	21	30	22	11	14	23	21	14	27	36	54	45	33	37	56	39	31	33	38	48	55	45	39	48	50	41	37.2
Mount Ida	Maximum	76	76	68	68	60	52	46	36	33	40	34	36	51	60	70	64	66	58	70	83	79	53	56	62	72	71	53	63	69	66	68	59.8
	Minimum	45	51	56	47	29	18	26	25	12	15	25	22	10	26	21	58	44	29	32	60	43	33	28	29	51	52	46	21	35	51	35	34.8
Newport	Maximum	82	72	63	55	53	43	40	33	30	35	34	34	46	48	66	66	62	66	71	81	80	56	64	66	76	72	63	70	71	66	63	58.8
	Minimum	49	55	49	47	30	21	23	27	13	20	27	25	18	29	27	53	49	33	37	53	56	37	33	44	47	61	45	35	44	57	41	38.3
Ozark§§	Maximum	72	68	67	64	36	48	30	31	32	39	36	35	50	52	73	73	64	56	72	84	74	59	66	71	81	65	60	70	73	62	69	59.1
	Minimum	48	53	52	52	29	20	25	25	12	12	16	22	15	23	29	39	45	34	34	36	59	33	32	35	44	48	47	34	39	46	35	34.6
Pine Bluff	Maximum	81	76	68	68	60	49	42	33	34	39	38	41	49	55	74	69	66	69	79	87	83	60	65	71	80	75	61	75	74	63	64	63.0
	Minimum	56	64	55	51	35	25	32	28	11	21	28	27	20	31	33	58	49	40	42	56	56	40	37	37	49	57	47	39	45	58	45	[illegible]
Pocahontas	Maximum	80	73	63	53	52	40	41	39	29	87	38	37	46	47	63	66	67	59	70	82	80	73	63	68	75	71	65	69	72	70	63	[illegible]
	Minimum	50	50	46	43	26	18	21	22	10	15	25	24	14	25	23	46	44	30	35	45	60	34	30	32	43	58	42	31	38	53	36	34.5
Portland	Maximum	81	78	71	66	63	48	48	41	35	40	42	41	49	53	69	69	67	70	78	84	84	79	64	71	78	77	74	75	77	70	62	64.6
	Minimum	55	61	63	53	34	26	32	31	20	22	32	27	21	32	34	54	55	39	44	54	65	41	38	34	46	57	50	39	46	58	46	42.2
Prescott	Maximum	81	77	72	66	65	52	47	38	37	39	35	41	50	60	70	68	68	69	79	87	81	62	66	72	81	80	69	75	74	70	[illegible]	64.7
	Minimum	55	58	58	51	33	24	32	27	15	18	27	25	18	30	32	55	47	39	40	57	60	36	38	37	50	56	47	39	45	57	41	40.2
Searcy	Maximum	79	69	64	58	53	45	43	38	33	37	31	36	47	49	68	67	64	60	71	83	79	66	63	66	75	68	60	71	71	66	61	59.6
	Minimum	51	52	49	47	31	21	26	26	12	18	28	21	16	27	28	48	47	35	38	50	47	36	33	35	43	55	45	31	39	56	29	36.6
Stuttgart	Maximum	83	74	69	65	57	47	43	34	32	37	34	38	46	52	70	68	64	66	75	84	81	65	63	70	77	76	65	71	73	67	63	61.6
	Minimum	57	61	54	50	35	24	29	29	15	21	27	25	20	28	33	55	46	36	41	56	62	39	36	41	47	56	47	37	48	58	[illegible]	40.5
Texarkana	Maximum	81	79	72	72	60	56	48	35	37	38	35	43	51	63	70	70	70	71	76	86	80	61	62	72	82	78	67	74	70	68	68	61.4
	Minimum	56	58	56	50	32	25	32	38	15	19	25	25	28	27	40	56	47	36	41	56	47	35	39	43	49	50	46	36	47	58	41	40.1
Thornburg	Maximum	76	70	67	67	63	47	45	35	31	35	33	35	52	56	70	67	67	63	74	83	79	52	65	68	77	75	56	71	71	66	67	60.7
	Minimum	56	54	54	45	29	18	26	25	11	15	25	24	8	28	34	57	43	28	30	62	42	33	27	36	57	55	44	30	35	51	38	36.1
Warren	Maximum	80	76	68	66	65	47	47	36	32	38	36	36	45	54	69	66	66	68	75	85	82	70	61	68	78	.	..	..	73	75	61	61.5
	Minimum	56	62	56	51	33	25	32	28	16	21	28	25	21	32	35	56	52	40	41	57	65	40	39	37	49	59	47	41	50	58	45	41.9
Wilson	Maximum	82	75	68	53	51	38	35	33	29	35	36	35	42	45	64	65	60	61	70	83	79	71	61	67	76	73	62	66	73	68	59	58.5
	Minimum	52	57	49	45	28	20	22	23	13	15	27	21	15	25	26	50	45	30	40	49	63	57	35	35	47	47	44	36	42	55	42	36.6
Wynne	Maximum	83	72	64	55	48	41	40	35	29	34	36	35	45	47	55	68	63	62	64	81	77	57	63	69	76	69	50	70	73	67	61	57.7
	Minimum	56	54	49	46	32	20	26	26	12	20	28	23	16	26	29	49	43	34	41	48	52	37	32	38	48	45	41	33	45	55	41	36.9

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark 4-6-32-1020

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

3

HARVEY S. COLE, Meteorologist

Vol. XXXVII   Little Rock, Ark., April, 1932   No. 4

GENERAL SUMMARY

The mean temperature for April, 1932 was above normal with warm weather prevailing for the first seven days of the month and later from the 19th to the 25th. Freezing temperatures occurred at only five stations located in the more mountainous portions, Batesville and Lead Hill reporting a temperature of 32° on the 1st, Mount Ida and Thornburg 31° on the 12th, and Dutton 28° on the 14th. Heavy frost occurred at two stations, Harrison located in a northern border county reporting heavy frost on the 8th and 9th and Brinkley heavy frost on the 15th. Light frost was reported from a number of stations on the 12th and 15th and at two stations along the border in the northeastern portion on the 27th. However, practically no damage resulted to growing vegetation from frost during the month.

The mean temperature for the State, as determined by the records of 61 stations, was 63.7° which is 2.2° above normal, all stations for which normals have been computed showing positive departures. Monthly means ranged from 58.6° at Dutton to 67.2° at El Dorado, a difference of 8.6° between the Ozarks and the southern border counties. Departures ranged from 0.4° above normal at Marshall to 4.2° above at Gravette and Harrison. The highest temperature recorded was 92° at Osceola on the 21st; the lowest 28° at Dutton on the 14th. Maximum temperatures occurred generally about the 20th or 21st and minimum temperatures about the 12th.

Precipitation was decidedly deficient in nearly all portions of the State, only four stations with records of 10 years or more showing positive departures. Showers fell generally in four periods: from the 6th to the 11th, the 16th to the 19th, the 22d to the 25th, and on either the 29th or 30th. The average precipitation for the month was 2.85 inches which is 2.20 inches below normal. Of the 93 stations reporting, twenty-two received less than 2.00 inches while six reported over 5.00 inches. Monthly totals ranged from 0.71 inch at Cotter to 7.02 inches at Marked Tree. The greatest amount measured in any 24-hour period was 4.53 inches at Marked Tree on the 8th. No snowfall was reported. The average number of rainy days was 7.

The weather as a whole during April was favorable for farm work. The heavy rains of the latter part of March in connection with the showers from the 7th to the 11th kept the soil too wet in the eastern and southern portions for preparation and planting, but by the middle of the month the planting of corn had begun in nearly all portions and cotton was being planted in southern and central portions where the soil was in condition. Cool nights retarded the germination and growth of cotton about the middle of the month and again the latter portion, but in many localities by the close of the month early cotton was being worked out and stands were usually good. In some sections the soil was getting dry by the latter part of the month and truck crops, wheat, and oats were needing rain. The marketing of strawberries began in the southwestern portion of the State about the 20th but the crop is late and carlot shipments did not begin until the latter part of the month. Streams in nearly all portions of the State were at low stages during the month with no flood damage reported.

Windstorms were not as destructive as they were in the preceding month. High winds were reported from the northwestern portion of the State on the 1st or 2d, from a few stations on the 6th and 7th, and more generally on the 24th or 25th. On the 7th, a windstorm demolished a small house at Lepanto, injuring 7 people and causing damage estimated at $300. At 9:00 a. m. on the 25th, a small tornado struck in Mississippi County 4 miles southwest of Osceola and moved northeastward to Osceola. The destructive path was narrow and the greatest damage was in Osceola where two houses were demolished and two cotton gins wrecked, the loss being estimated at $35,000.

T.A.M.

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Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs																														9	
Light Hail							3			1	1	1		1			3	1					2	3	1						
Moderate Hail							1																	2							
Sleet																															
Thunderstorms						1	36	1	1	17						7	25	3	2	4	2	19	22	23	11	1			3	3	

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a.m.	7 p.m.	
Bentonville	29.90	30.36	27	29.50	25	5,712	32	sw	2	......	......	72
Fort Smith	29.92	30.32	27	29.52	24	6,852	31	w	24	66	44	64
Little Rock	29.95	30.36	27	29.55	25	7,090	32	sw	2	71	42	72
Memphis	29.96	30.36	27	29.57	25	6,21[illegible]	36	w	24	70	55	75

COMPARATIVE DATA FOR APRIL

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**61.5**		**99**		**18**		**5.05**		**13**	**8**	**9**	**8**
1891	62.8	+1.3	93	30	22	5	2.75	−2.30	15	10	5	8
1892	61.4	−0.1	97	18	27	22	6.98	+1.93	12	9	9	10
1893	64.9	+3.4	94	4	29	15	7.16	+2.11	11	10	9	8
1894	63.1	+1.6	91	15	29	6	6.18	+1.13	14	8	8	9
1895	63.1	+1.6	98	30	30	3	1.99	−3.06	15	8	7	6
1896	67.8	+6.3	94	26	24	3	3.65	−1.40	12	12	6	5
1897	61.4	−0.1	90	27	31	17	4.14	−0.91	12	11	7	9
1898	59.2	−2.3	93	30	19	6	3.09	−1.96	14	8	8	8
1899	60.7	−0.8	96	25	19	1	3.28	−1.77	10	11	9	7
1900	62.2	+0.7	96	23	24	3	4.98	−0.07	10	12	8	10
1901	58.1	−3.4	96	29	22	3	3.82	−1.23	14	8	8	6
1902	61.2	−0.3	96	29	25	1	2.87	−2.18	11	11	8	8
1903	60.6	−0.9	91	9	26	26	1.86	−3.19	13	10	7	6
1904	56.8	−4.7	89	23	24	10	3.88	−1.17	11	9	10	8
1905	61.1	−0.4	96	9	25	6	6.29	+1.24	9	10	11	11
1906	63.7	+2.2	97	11	27	1	2.55	−2.50	15	7	8	6
1907	54.9	−6.6	89	29	24	14	5.44	+0.39	10	7	13	9
1908	63.3	+1.8	94	21	24	30	6.32	+1.27	9	9	12	12
1909	60.9	−0.6	88	18	24	9	4.52	−0.53	15	7	8	8
1910	59.8	−1.7	90	30	22	25	5.14	+0.09	12	9	9	9
1911	60.5	−1.0	90	6	29	1	9.86	+4.81	10	9	11	12
1912	61.9	+0.4	93	15	26	1	8.14	+3.09	9	11	10	12
1913	61.2	−0.3	94	18	27	5	4.91	−0.14	17	6	7	6
1914	61.0	−0.5	94	16	19	9	4.57	−0.48	11	9	10	9
1915	64.3	+2.8	96	28	19	3	2.96	−2.09	14	8	8	5
1916	59.9	−1.6	92	14	24	9	8.65	−1.40	13	7	10	7
1917	60.4	−1.1	90	28	23	9	5.69	+0.64	14	7	9	9
1918	59.6	−1.9	96	2	25	10	7.63	+2.58	14	6	10	9
1919	61.6	+0.1	95	24	24	16	3.56	−1.49	14	6	10	7
1920	59.8	−1.7	94	22	21	11	5.49	+0.44	14	7	9	9
1921	59.8	−1.7	91	27	22	17	7.87	+2.82	14	6	10	9
1922	63.5	+2.0	90	7	26	1	5.54	+0.49	13	6	11	9
1923	61.4	−0.1	95	24	23	1	6.30	+1.25	14	7	9	11
1924	61.4	−0.1	94	14	18	1	4.99	−0.06	14	6	10	8
1925	67.4	+5.9	98	15	28	30	2.62	−2.43	14	9	7	6
1926	59.1	−2.4	94	29	18	1	2.65	−2.10	15	6	9	7
1927	65.7	+4.2	99	27	26	22	12.93	+7.88	12	7	11	12
1928	57.3	−4.2	87	1	22	10	8.52	+3.47	13	5	12	9
1929	64.0	+2.5	92	8	29	1	5.69	+0.64	11	7	12	10
1930	64.9	+3.4	95	10	27	1	1.41	−3.64	16	7	7	6
1931	59.1	−2.4	92	18	21	6	2.62	−2.43	13	7	10	9
1932	63.7	+2.2	92	21	28	14	2.85	−2.20	16	7	7	7

Corrections:

Stuttgart, January and February minimum temperatures should be set forward one day.

March, page 9, State average precipitation should be 4.48 inches, departure −0.20.

Climatological Data for April. 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	63.8ᵇ	+ 2.0	88ᵇ	20	40ᵃ	12	38ᵇ	3.89	−1.36	1.19	0.0	9	9	17	4	w.	J. W. Campbell
Arkadelphia	Clark	250	36	.....	.....	.....	.....	.....	.....	.....	3.60	−1.54	1.32	0.0	9	17	5	8	.	W. K. Bown
Arkansas City	Desha	145	48	.....	.....	.....	.....	.....	.....	.....	5.40	+0.49	1.75	0.0	7	18	1	11	.....	Herbert Neff
Arlberg	Stone	700	10	.....	.....	.....	.....	.....	.....	.....	2.12	....	0.90	0.0	5	16	10	4	ne.	J. D. Reeves
Batesville	Independence	277	33	60.1	+ 1.1	88	21	32	1	43	3.14	−1.86	1.32	0.0	11	19	3	8	s.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	63.6	+ 2.6	88	21	39	1	40	2.71	−2.15	0.98	0.0	6	18	6	6	s.	J. E. Scanlan
Bentonville	Benton	1303	27	61.2	+ 3.6	82	20	40	27	32	2.09	−2.77	0.68	0.0	7	18	7	5	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	....	2	.....	.....	.....	.....	.....	.....	.....	3.30	.....	1.80	0.0	6	20	0	10	.....	Harry Johnson
Black Rock	Lawrence	259	30	.....	.....	.....	.....	.....	.....	.....	3.44	−2.12	2.03	0.0	7	20	4	6	s.	Vernon C. Howe
Blytheville	Mississippi	252	7	63.6	.....	89	21	40	15†	32	3.43	.....	1.79	0.0	7	11	2	17	s.	Charles Phillips Jr.
Booneville	Logan	465	18	65.2	+ 3.0	90	20	37	12	41	1.87	−3.30	0.72	0.0	7	17	7	6	w.	F. H. Randolph
Brinkley	Monroe	205	45	65.0	+ 3.0	90	21	36	15	41	2.09	−3.07	0.99	0.0	7	20	4	6	sw.	R. J. Torry
Calico Rock	Izard	361	28	60.2	+ 1.0	90	20†	34	12	49	2.19	−2.74	0.81	0.0	8	12	12	6	s.	W. J. Copp
Camden	Ouachita	158	47	64.2	+ 0.8	87	20	37	12	43	1.68	−3.22	0.48	0.0	10	13	4	13	sw.	Georgia Quarterman
Carthage	Dallas	....	26	63.2	.....	89	20	38	12†	39	1.87	−3.19	0.85	0.0	7	20	4	6	w.	C. R. Tewalt
Center Point	Howard	470	33	66.2	+ 3.0	87	19	43	8†	36	2.96	−2.29	1.16	0.0	8	19	7	4	s.	John C. Floyd
Clarendon	Monroe	172	28	.....	.....	.....	.....	.....	.....	.....	3.66	−2.48	1.46	0.0	7	11	3	16	e.	J. W. Bishop
Clinton	Van Buren	516	11	.....	.....	.....	.....	.....	.....	.....	2.80	−2.50	1.49	0.0	5	13	10	7	nw.	A. L. Stephens
Conway	Faulkner	309	49	65.5	+ 3.5	88	20†	36	12	40	2.43	−2.43	1.03	0.0	6	20	5	5	s.	E. E. Cordrey
Corning	Clay	293	39	63.0	+ 3.0	89	21†	35	27	39	3.46	−1.78	1.75	0.0	5	24	2	4	sw.	Winfred D. Polk
Cotter	Baxter	408	5	.....	.....	.....	.....	.....	.....	.....	0.71	.....	0.35	0.9	5	21	3	6	nw.	O. B. McSpadden
Crosset	Ashley	175	20	65.2	.....	89	22	41	9	38	3.65	−1.17	2.02	0.0	7	17	7	6	s.	G. A. Gifford
Danville	Yell	327	16	.....	.....	.....	.....	.....	.....	.....	1.52	−3.79	0.67	0.0	4	13	8	9	s.	C. G. Hudson
Dardanelle	Yell	330	46	66.1	+ 3.5	90	21	38	12	42	1.65	−2.62	0.40	0.0	7	8	16	6	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	.....	.....	.....	.....	.....	.....	.....	2.12	.....	0.73	0.0	5	14	5	11	.....	H. G. Pate
Dumas	Desha	162	26	66.2	− 2.7	91	21	40	9†	37	4.41	−0.34	1.64	0.0	5	14	11	5	s.	Ben Johnson
Dutton	Madison	1590	29	58.6	+ 2.2	85	2	28	14	51	2.05	−4.08	0.95	0.0	5	18	8	4	s.	J. M. Ricketts
El Dorado	Union	270	31	67.2	+ 2.9	87	20†	45	1†	35	3.67	−1.94	1.83	0.0	11	12	9	9	s.	J. J. Babb
England	Lonoke	229	25	64.9ᵇ	+ 2.1	87ᵇ	20†	36ᵇ	1	45ᵇ	1.85	−1.24	0.50	0.0	7	18ᶜ	3ᶜ	6ᶜ	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	62.8	+ 3.8	86	22	40	27	35	3.56	−1.61	1.00	0.0	6	13	7	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	61.9	− 3.4	82	20	36	12	34	2.27	−2.23	0.73	0.0	7	10	15	5	sw.	University of Arkansas
Fort Smith	Sebastian	457	55	65.0	+ 3.2	87	20	44	12	34	1.77	−2.17	0.61	0.0	8	11	11	8	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	8	.....	.....	.....	.....	.....	.....	.....	2.95	.....	1.03	0.0	7	21	5	4	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	46	.....	.....	.....	.....	.....	.....	.....	2.70	−1.84	1.31	0.0	6	15	2	13	.....	T. J. Logan
Georgetown	White	200	20	.....	.....	.....	.....	.....	.....	.....	1.49	−4.25	0.64	0.0	7	15	6	9	.....	W. R. Owens
Gilbert	Searcy	675	8	.....	.....	.....	.....	.....	.....	.....	1.78	.....	0.75	0.0	6	20	5	5	.....	S. G. Battenfield
Grannis	Polk	900	13	61.7	+ 1.2	84	20	33	2	45	5.73	−0.72	1.50	0.0	11	14	10	6	w.	W. E. McVay
Gravette	Benton	1250	35	61.4	+ 4.2	82	13	31	12	38	3.23	−1.37	1.07	0.0	5	13	11	6	sw.	A. F. Stevens
Harrison	Boone	1052	32	61.5	+ 4.2	89	21	34	9	43	1.92	−3.01	0.65	0.0	8	23	4	3	sw.	Louis R. Keck
Helena	Phillips	250	60	64.2	+ 1.4	87	24	37	12	35	2.26	−3.47	0.64	0.0	7	10	10	10	s.	James A. Burnett
Higden	Cleburne	445	13	.....	.....	.....	.....	.....	.....	.....	2.86	−3.17	1.54	0.0	6	20	6	4	w	Geo. W. Baker
Highland	Pike	....	12	60.6	.....	86	20	45	8†	33	3.96	.....	1.81	0.0	8	11	16	3	s.	Tom W. Stewart
Hope	Hempstead	377	61	.....	.....	.....	.....	37	12	.....	3.68	−1.70	1.66	0.0	9	17	8	5	se.	N. P. O'Neal
Hot Springs	Garland	600	41	65.0	+ 2.2	87	20†	44	1†	38	2.46	3.56	0.94	0.0	5	16	13	1	.....	G. C. Bolton
Index ‡‡	Little River	275	7	.....	.....	.....	.....	.....	.....	.....	2.32	.....	1.58	0.0	7	16	0	4	.....	H. G. Sanderson
Jessieville	Garland	750	6	.....	.....	.....	.....	.....	.....	.....	1.79	.....		0.0	6	13	9	8	.....	U. S. Forest Service
Jonesboro	Craighead	345	37	64.6	+ 3.3	88	21	40	15	37	3.05	−1.77	1.87	0.0	8	20	5	5	sw.	Benedictine Sisters
Lead Hill	Boone	650	26	61.0	+ 1.2	91	21	32	1	49	2.02	−2.91	1.18	0.0	7	19	3	8	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	65.4	+ 3.3	87	20	47	27	34	1.70	−3.49	0.74	0.0	6	10	9	11	sw	U. S. Weather Bureau
Lurton	Newton	2100	7	60.5	.....	75	2†	38	27	27	2.62	.....	1.02	0.0	6	17	7	6	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	63.8	+ 3.6	88	21	41	12	36	6.96	+2.06	3.25	0.0	7	19	2	9	e.	H. G. Lenhardt
Madison	St. Francis	....	2	.....	.....	.....	.....	.....	.....	.....	3.77	.....	1.85	0.0	4	17	0	13	.....	William G. Hager
Magnolia	Columbia	315	16	66.8	+2.4	87	20	38	12	36	2.63	−2.21	0.99	0.0	5	13	11	6	sw.	State Agri. School
Malvern	Hot Springs	277	45	65.0	+3.3	89	20†	37	12	42	2.30	−2.88	0.58	0.0	7	20	4	6	s.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	27	62.3	+3.1	88	2.	34	1	47	3.00	−2.39	1.00	0.0	6	18	7	5	s.	S. F. Whittaker
Marianna	Lee	235	20	64.9	+2.8	88	21	42	1	36	1.52	−2.98	0.45	0.0	6	11	12	7	s.	C. N. Houck
Marked Tree	Poinsett	229	27	62.6	+1.0	89	22	40	15	39	7.02	−1.50	4.53	0.0	6	15	12	3	n.	Charles Walton
Marshall	Searcy	1070	18	61.2	+0.4	82	21	34	9†	41	2.01	5.14	0.60	0.0	9	18	4	8	sw.	A. J. Parks
Mena	Polk	1185	44	63.7	+2.1	86	20	38	12	37	2.99	−2.82	0.83	0.0	9	11	10	9	sw.	E. W. St. John
Morrillton	Conway	347	9	64.0	.....	87	20†	42	15	39	1.36	.....	0.72	0.0	4	15	7	8	se.	John Cook
Mountain Home	Baxter	800	18	61.4	+2.6	88	21	36	1	45	2.32	−2.75	1.05	0.0	5	17	3	10	s	B. S. Halbert
Mount Ida	Montgomery	650	33	62.0	+0.6	87	20	31	12	48	2.95	−2.95	0.82	0.0	7	20	3	7	w.	G. A. Whittington
Newport	Jackson	231	48	64.2	+2.2	89	21	40	15†	40	2.37	−2.17	1.98	0.0	7	15	10	5	n.	J. D. Henderson
Norman	Montgomery	750	5	.....	.....	.....	.....	.....	.....	.....	2.24	.....	1.04	0.0	7	18	8	4	.....	U. S. Forest Service
Oden	Montgomery	800	6	.....	.....	.....	.....	.....	.....	.....	2.32	.....	0.66	0.0	8	23	3	4	sw.	U. S. Forest Service
Okay	Howard	288	3	65.3	.....	87	20	36	12	43	3.10	.....	2.14	0.0	7	21	3	6	s.	Charles R. Jackson
Osceola	Mississippi	240	34	64.5	+ 4.1	92	21	39	15	36	5.35	+0.89	3.10	0.0	6	15	9	6	s.	Charles H. Hampton
Ozark	Franklin	396	37	63.4	+ 1.2	88	20†	37	12	42	2.90	−1.77	1.02	0.0	7	19	2	9	e.	Orkney O. Milton
Paragould	Greene	301	9	.....	.....	.....	.....	.....	.....	.....	4.24	.....	2.82	0.0	8	20	5	5	se.	W. R. Heagler
Parkin	Cross	....	2	.....	.....	.....	.....	.....	.....	.....	3.63	.....	1.42	0.0	11	13	4	18	.....	P. D. Roberts
Patterson	Woodruff	196	16	.....	.....	.....	.....	.....	.....	.....	2.49	−3.58	0.96	0.0	7	18	6	6	s.	W. E. Baker
Piggott	Clay	307	7	.....	.....	.....	.....	.....	.....	.....	3.93	.....	1.35	0.0	8	21	4	5	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	67.0	+ 3.6	88	21	44	9†	36	2.30	−3.21	0.88	0.0	7	15	10	5	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	62.6	+ 2.4	88	21	36	15	39	3.05	−1.93	1.60	0.0	6	17	4	9	sw.	Benedictine Sisters
Portland	Ashley	122	26	67.0	+ 2.4	89	6†	42	9†	37	3.27	−1.96	1.41	0.0	4	14	7	9	n.	W. E. Edmiston
Prescott	Nevada	329	44	66.6	+ 3.3	88	20	41	12	37	4.20	−0.96	1.53	0.0	10	18	4	8	s.	Craig Williams
Rison	Cleveland	243	31	.....	.....	.....	.....	.....	.....	.....	..	.....		.	..	..	..	..	.....	Mrs. M. V. Tisdale
Rogers	Benton	1385	41	62.2	+ 3.8	85	20	36	9†	39	1.79	−2.85	0.73	0.0	5	13	10	7	s.	Carl A. Starck
Saint Charles	Arkansas	175	3	.....	.....	.....	.....	.....	.....	.....	....	.....	....	...	.	.	..	..	.....	Ballard Deane
Saint Francis	Clay	290	4	.....	.....	.....	.....	.....	.....	.....	3.54	.....	1.76	0.0	6	18	5	7	.....	S. T. Rooney
Searcy	White	236	22	63.7	+ 1.9	86	21	40	15	38	1.89	−3.34	0.58	0.0	9	22	4	4	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	25	.....	.....	.....	.....	.....	.....	.....	2.01	−4.23	0.62	0.0	6	12	0	18	.....	Miss Grace Field
Story	Montgomery	700	8	.....	.....	.....	.....	.....	.....	.....	1.99	.....	0.64	0.0	6	20	2	8	s.	S. C. Story
Stuttgart	Arkansas	228	45	65.4	+ 3.1	89	20†	42	9†	36	4.00	−1.19	1.31	0.0	7	17	8	5	s.	Adam F. Buerkle
Subiaco	Logan	1050	35	65.5	+ 3.8	90	20	45	12	38	1.47	−3.25	0.47	0.0	8	11	11	6	s.	New Subiaco Abbey
Sunset	Washington	....	1	60.4	.....	81	20	38	11†	28	1.64	.....	0.50	0.0	9	16	11	3	sw.	Walter James
Texarkana	Miller	332	46	66.0	+ 1.8	88	20	38	12	39	2.68	−2.37	1.70	0.0	6	18	6	6	s.	H. S. Brashear
Thornburg	Perry	650	11	62.6	...	88	20	31	12	47	1.57	−4.14	1.09	0.0	3	14	11	5	s.	Edward E. Holmes
Waldron	Scott	675	13	.....	.....	.....	.....	.....	.....	.....	2.99	−3.09	0.81	0.0	7	13	9	8	nw.	Dr. Cheves Bevill
Warren	Bradley	206	38	67.0	+ 3.7	89	21	44	9	37	1.80	−3.55	0.50	0.0	7	17	10	3	ne.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	.....	.....	.....	.....	.....	.....	.....	2.60	.....	....	0.0	7	15	8	7	sw.	J. R. Huddleston
Whitecliffs	Little River	290	28	.....	.....	.....	.....	.....	.....	.....	2.86	−2.79	1.80	0.0	6	13	4	13	se.	Nannie O. Schirmer
Wilson	Mississippi	237	7	63.1	.....	89	21	37	15	37	5.93	.....	3.17	0.0	9	19	6	5	s.	S. N. Johnson
Wynne	Cross	250	24	63.4	+ 1.6	90	21	37	15	36	2.95	−3.10	1.21	0.0	6	19	6	5	s.	R. T. Cobbs
Yancopin	Desha	167	8	.....	.....	.....	.....	.....	.....	.....	2.83	.....	1.07	0.0	8	12	8	10	.....	W. E. Barton
State Means				63.7	+2.2	92	21	28	14	51	2.85	−2.20	4.53	0.0	7	16	7	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route [illegible], Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for April, 1932

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
nity	Ouachita								.70		.47	.22						.08		.08				.06	.50					1.19	.59		3.89
kadelphia.	Ouachita								.69		.74	.28						.02			T.			.06	.04	.04				1.32	.41		3.60
kansas City	Mississippi								.06		T.	1.75							1.14					T.	1.04	.15				.02	1.24		5.40
lberg.	White							.70									.11						.31	.10						.90			2.12
atesville.	White							.16	1.32		.16	.32						.21	.08					.06	.06	.08	T.			.06	.63		3.14
ee Branch.	Arkansas							.98				.75						.09					.12	.27						.50			2.71
entonville ***	Arkansas						T.	.62			T.						.17	.03		.25			.13	.21						.68			2.09
g Lake Outlet	St. Francis								1.80									.20	.10						.35	.15				T.	.70		3.30
ack Rock	White								2.03			.03						.51	.20					.03						.02	.62		3.44
ytheville	St. Francis								1.79	T.		T.						.19	.04		T.			.02	.72	.23				T.	.44		3.43
ooneville	Arkansas							.35			.23	.12						.01		T.			.04	.72						.40			1.87
rinkley	White								.31			.09						.05							.93	.99				.01	.11		2.49
alico Rock	White							T.	.81		.10							.35	.04		T.			.44	.04					.07	.34		2.19
amden	Ouachita								.03		.28	.48							.33	.04	.01			.03	.01					.10	.37		1.68
arthage	Ouachita								.45		T.	.85												.15	.15	.01				.01	.25		1.87
enter Point	Red							.78			.37	.09							.28			.16				.08				1.16	.04		2.96
arendon	White								.20			.60							.05						1.46	1.20				.02	.13		3.66
inton	White							1.49			.43							.19					.21							.48			2.80
onway	Arkansas							.59			.07							.31					.35	.08						1.03			2.43
orning	White								1.75			.62						.30	.02		T.			T.						T.	.77		3.46
otter	White								.01									.35						.10	.06					T.	.19		0.71
rossett	Ouachita								.08			.70							.09						.45	.30				.01	2.02		3.65
anville	Arkansas											.23												.33	.29					.67			1.52
ardanelle	Arkansas								.16			.21						.02						.19	.34					.40	.33		1 65
e Valls Bluff	White								.67		T.	.30													.32	.73				T.	.10		2.12
umas	Mississippi								.22			1.15							1.25						T.	.15	T.			T.	1.64		4.41
utton	White							.40				.16							.24						.95					T.	.30		2.05
l Dorado	Ouachita								.10		.08	.39							.70	.04	.01			.02	1.83	.04				.01	.45		3.67
ngland	Arkansas							.28			.35	.14					.16				T.		T.	T.	.05	.50				.37			1.85
ureka Springs	White							.81			.37							1.00		.12				.50						.70			3.50
ayetteville	White							.43	.01		.27	T.						.54		.06				.23						.73			2.27
ort Smith ***	Arkansas							.27			.20						.08	11	T.	.07	T		.18	.25					T.	.61			1.77
reeman Sprgs.	Arkansas								.63			.33						1.03			T.			.41	.82					.05	.18		2.95
ulton	Red							T.	.05		13	.10							T.	.45				.16						1.81	T.		2.70
eorgetown	White								.64		.03	.18						T.	.09					T.	.15					.10	.30		1.49
ilbert	White								.75			.47						.06	T.					.26	.03					T	.21		1.78
rannis	Red							.63			.39	.06						.43	.05	.23			1.50	1.43					.04	.95	.02		5.73
ravette	Arkansas							.30									T.	1.07		.23				.68						.95			3.23
arrison	White							.65	.07		.25							.49		.02			.04	.20						.20			1.92
elena	Mississippi								.14		.05	.38							30						.38	.37					.64		2.26
igden	White							1.51	.10			.08						T.					.42	.18						.54			2.86
ighland	Ouachita							1.03			.61								03	.26			.08	.06						1.81	.08		3.96
ope	Red							.03			.35							.58		.63			.05	.05					.03	1.66	.35		3.68
ot Springs	Ouachita							61			.94												.30		.40						.21		2.46
dex	Red										.16	.05							.07	.28				.16	.02					1.58			2.32
ssieville	Ouachita										.04	.40												.20	.13					*	1.02		1.79
onesboro	White								1.87			03						.20	.12					.02	.10	.28				T.	.43		3.05
ead Hill	White							1.18	.02		.02							.46		.01			T.	.16						.17			2.02
ittle Rock ***	Arkansas							.06			.74	T.						.23	T	T.			.01	.07		T.			T.	.59			1.70
urton	White							1.02			.40	.05											.51	.33						.31			2.62
utherville	Arkansas							2.57			.08	.10						.08		T.	T.		3.25	.58						.30			6.96
adison	St. Francis								.37		T							T.							1.85	1.08					.47		3.77
agnolia	Red																	.99					.60		.23					.61	.20		2 63
alvern	Ouachita								.20		.25	.17												.05	.20					.65	.68		2.30
ammoth Spg.	White							1.00	.90			.45						.20	.10					T.						T.	.35		3.00
arianna	St. Francis							.31	.09		.45							.02							.28					.37			1.52
arked Tree	St. Francis								4.53		T							.42	.25					T.	1.15	.07					.60		7.02
arshall	White							.60	.05		30	.05						.15					.02	.60	04					.20			2.01
ena	Ouachita								.20		.29	.12						.33		.13		T.		.76	.83					.29	.04		2.99
orrillton	Arkansas								.16			T.						T.						.36	.12						.72		1.36
ountain Home	White							1.05			T.						T.	.95			.05			.10						.17			2.32
ount Ida	Ouachita							.50			.31	.16						.07					.82	.45						.64			2.95
ewport	White								1.98			.02						.13	.01					.03						.02	.68		2.87
orman	Ouachita								.12		.34	.29						.08		.01				.36						1.04			2.24
den	Ouachita							.19		.07	.10							.14		.03				.66	.48					.66			2.33
kay	Red								.05		.10	.06								.51				.20	.04					2.14			3.10
sceola	Mississippi								3.10			T.						.40	.17	T.				T.	.90	.35	T.				.43		5.35
zark	Arkansas								1.02			24						.09						.50	.72					.27	.06		2.90
aragould	St. Francis								2.82									.26	.15		.23			.07	.08	.11				T.	.52		4.24
arkin	St. Francis								1.42		.07	.12						.34	.02					.02	.76	.44	.01			.06	.37		3.63
atterson	White								.93			.96						.09						.07	.17					.09	.18		2.49
iggott	St. Francis							1.35	.83									.60			.16				.11	.03				.81	.04		3.93
ine Bluff	Arkansas								.16			.88							.72			T.			.22	.05				.05	.22		2.30
ocahontas	White							1.60			.22							.49						.05	.04					65			3.05
ortland	Ouachita							T.				1.41													.66					.05	1.15		3.27
rescott	Ouachita							.02	.78		.16	.38							.29	.67				.13		.02				1.53	.22		4.20
ison	Ouachita																																....
ogers	White							.36			.02							.31						.37						.73			1.79
t. Charles	White																																
t. Francis	St. Francis								1.76			T.						.42	.14		T.			.10	.14	T.				T.	.98		3.54
earcy	White								.40			.58						.01	.15		T.			.08	.02	.03				.12	.50		1.89
pringbank	Red								.46			.12								.33				.16	T.	T.				.62	.32		2.01
tory	Ouachita								.20		.09							.10						.64	.34					.62			1.99
tuttgart	Arkansas								1.02			.62							.37						1.31	.49				.02	.17		4.00
ubiaco	Arkansas							.20	T.		.02	.15						.04		.06			.38	.47						.15			1.47
unset	Arkansas							.17	.03		.17	.01						.50		.06			.14	.34						.22			1.64
exarkana	Red								.05		.30								T.	.10				.30		.23				1.70			2.68
hornburg	Arkansas										.37	T.							T.					.11	T.					1.09			1.57
aldron	Arkansas							.28			.16							.78		.08			.26	.62						.81			2.99
arren	Ouachita								.10			.35							.10					T.	.50	.40				.05	.30		1.80
aters	Ouachita								.31		*	.42								.18				.71						*	.98		2.60
hitecliffs	Red								.19		.16	T.							.15	.38	T.			.18	T.	T.				1.80	T.		2.86
ilson	Mississippi								3.17			.04						.43	.16					T.	1.05	.67	.09			02	.30		5.93
ynne	St. Francis								.98			10						.21						T	1.21	.21				T.	.24		2.95
ancopin	Arkansas								.88		03	.58							.59						.06	.10	.02				1.07		2.88

Daily River Stages for April. 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	7.8	7.4	7.1	6.7	6.3	6.0	5.7	5.5	5.3	5.3	5.3	5.0	5.0	4.9	4.7	4.7	4.7	5.5	6.0	5.3	5.0	4.9	5.2	5.5	5.8	5.6	5.8	6.3	6.3	6.3	
zark	do	22	5.3	4.9	4.4	4.1	3.6	3.3	2.8	2.8	2.6	2.3	2.2	2 1	2.0	1.8	1.6	1.4	1.4	1.3	2.5	2.8	1.9	1.7	1.6	2.2	2.5	2.5	2.4	2.5	3.0	3.2	
ardanelle	do	20	8.8	8.2	7.8	7.2	7.2	6.8	6.5	6.7	6.4	6.0	5.8	5.7	5.5	5.4	5.2	5.0	5.0	5.0	5.0	5.8	5.8	5.1	5.5	5.6	5.8	5.8	5.8	5.7	5.8	6.1	
orrillton	do	20	6.4	6.0	5.4	4.8	4.2	3.7	3.0	2.7	3.0	2.5	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.3	1.4	1.8	1.5	1.3	1.2	1.5	1.6	1.5	1.5	1.5	1.7	
Little Rock	do	23	8.2	7.7	7.0	6.3	5.6	5.0	4.3	3.8	3.7	3.7	3.4	3.1	2.9	2.6	2.3	2.3	1.8	1.7	1.6	1.7	1.9	2.4	2.0	1.7	1.8	2.1	2.2	2.2	2.1	2.1	
ine Bluff	do	25	13.2	12.9	12.3	11.6	11.1	10.4	10.0	9.7	9.1	8.8	8.8	8.2	8.2	8.1	7.7	7.6	7.5	7.4	7.3	7.3	7.3	7.4	7.5	7.5	7.1	7.1	7.3	7.4	7.4	7.4	
ancopin	do	29	22.6	23.6	24.3	24.8	25.3	25.8	26.3	26.7	27.1	27.5	28.0	28.4	28.8	29.1	29.3	29.5	29.6	29.7	29.7	29.5	29.1	28.5	27.9	27.1	26.0	24.7	23.5	22.4	21.3	20.4	
anville	Petit Jean.	20	14.4	10.2	9.1	8.1	7.6	7.1	6.7	6.4	6.0	5.8	5.8	5.6	5.4	5.0	4.7	4.4	4.2	4.0	3.8	3.7	3.5	3.4	3.4	3.3	3.2	3.1	3.3	3.4	3.4	3 5	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.9	3.8	4.0	4.0	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.1	4.4	4.1	4.0	4.0	4.0	3.9	4.1	4.1	4.4	4.2	4.1	3.9	3.8	3.3	3.7	3.7	3.8	
Calico Rock	do	18	2.8	2.7	3.1	2.9	2.9	2.7	2.6	2.7	2.8	2.8	3.1	3.1	3.5	3.3	2.8	2.5	2.4	2.4	2.2	2.5	2.7	2.6	2.5	2.3	2.1	2.1	1.9	2.0	1.8	1.7	
Batesville	do	23	8.9	8.4	8.6	8.8	8.6	8.1	8.4	9.1	8.4	8.5	8.6	8.9	8.5	8.9	8.6	8.3	8.0	7.8	7.6	7.3	7.9	8.1	7.9	7.9	7.8	7.5	7.1	7.1	7.2	7.0	
Newport	do	26	10.5	9.8	8.9	8.5	8.1	7.7	7.1	8.5	9.2	9.0	8.9	8.7	8.6	8.1	7.9	7.5	7.0	6.5	6.4	5.9	5.5	5.5	5.5	5.3	5.1	4.9	4.6	4.2	4.2	4.2	
Georgetown	do	22	17.2	16.9	16.7	15.3	15.1	14.2	13.6	13.1	14.0	14.4	14.2	14.0	13.6	13.2	13.8	12.5	11.9	11.2	10.5	10.0	9.4	9.0	8.4	8.2	8.1	8.0	7.8	7.7	7.7	6.9	
De Valls Bluff	do	24	20.7	20.8	20.7	20.4	20.1	19.7	19.2	18.8	18.3	18.3	18.4	18.4	18.2	18.0	17.7	17.4	17.0	16.5	16.0	15.6	14.9	14.3	18.9	13.6	13.3	13.0	12.8	12.4	12.0	11.7	
Clarendon	do	30	23.2	23.8	24.3	24.5	24.6	24.5	24.3	24.0	23.7	23.4	23.2	23.1	23.0	22.8	22.7	22.6	22.5	22.3	22.0	21.6	21.2	20.7	20.3	19.9	19.7	19.3	18.7	18.2	17.7	17.2	
Gilbert	Buffalo	30	4.8	4.6	4.5	4.4	4.3	4.2	4.0	4.8	4.6	4.4	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.6	3.6	
Black Rock	Black	14	7.0	6.8	6.6	6.5	6.4	5.8	5.4	6.8	8.8	7.6	7.5	7.4	7.2	6.8	6.2	5.7	5.5	5.4	5.0	4.8	4.7	4.5	4.5	4.4	4.2	4.1	3.9	3.9	3.9	3.8	
Arkadelphia	Ouachita	12	6.1	5.2	4.7	3.7	4.3	4.2	3.4	3.8	3.3	2.9	2.6	3.3	2.7	2.9	2.2	2.2	1.2	0.3	0.7	0.3	0.6	0.0	0.4	1.5	1.3	1.2	1.1	1.3	1.3	2.4	
Camden	Ouachita	30	24.9	27.0	28.0	27.9	27.3	26.3	24.2	21.3	19.6	19.1	17.8	17.0	16.6	16.4	15.1	14.0	12.8	11.6	10.0	9.2	8.8	8.1	8.0	7.8	7.6	8.0	8.1	7.5	7.0	7.0	
Fulton	Red	28	17.4	17.0	16.0	14.7	13.4	12.2	10.8	9.9	9.3	9.1	9.0	8.7	8.6	8.5	8.3	8.0	7.8	7.7	7.6	7.5	7.6	8.2	9.0	10.0	11.6	12.5	12.7	12.8	12.3	11.6	
Helena	Mississippi	44	30.6	31.9	33.0	34.1	35.2	36.2	37.1	37.9	38.7	39.4	40.0	40.4	40.7	41.0	41.0	40.9	40.5	40.0	39.2	38.2	36.8	35.3	33.7	31.8	30.3	29.0	27.8	27.0	26.3	26.1	
Arkansas City	do	48	31.7	33.0	34.2	35.2	36.0	36.8	37.6	38.2	38.8	39.5	40.1	40.6	41.1	41.5	41.8	42.1	42.4	42.5	42.5	42.3	41.9	41.4	40.7	39.7	38.5	37.2	35.8	34.5	33.2	32.2	

Daily temperatures for April, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	80	78	76	77	81	81	76	72	76	60	65	76	82	78	76	79	84	73	80	88	85	73	75	82	79	77	68	73	..	..		76.8
	Minimum	42	45	45	55	56	57	60	50	43	43	46	40	44	46	44	46	54	55	54	53	58	63	60	55	61	53	48	47	49	..		50.8
Bee Branch	Maximum	78	80	78	77	83	82	82	69	71	70	65	75	83	82	70	76	75	70	73	86	88	87	72	83	82	73	67	67	66	80		76.3
	Minimum	39	52	48	57	54	54	58	49	43	52	50	41	43	50	40	52	59	49	53	50	58	59	60	58	56	52	43	46	54	51		51.0
Bentonville	Maximum	77	78	76	72	78	79	69	63	69	65	59	70	80	67	75	75	65	71	68	82	78	80	71	75	62	62	64	66	71	71		71.3
	Minimum	47	60	57	60	57	60	48	45	40	46	41	41	48	46	44	56	53	51	51	51	64	63	61	57	52	47	40	46	52	50		51.1
Blytheville	Maximum	73	77	78	76	82	81	79	61	70	66	65	66	74	74	70	76	71	68	76	85	89	88	84	81	79	75	60	71	68	76		74.6
	Minimum	43	55	54	57	59	59	60	49	47	50	50	43	42	45	40	50	54	47	45	60	63	63	66	62	62	55	40	44	56	57		52.6
Booneville	Maximum	81	81	79	79	82	83	77	71	76	69	65	74	85	77	78	79	80	76	80	90	87	82	74	81	78	70	69	74	72	81		77.7
	Minimum	40	60	53	60	56	59	57	45	43	52	46	37	45	51	46	55	62	54	57	49	64	64	60	54	54	47	48	55	56	52		52.7
Brinkley	Maximum	79	79	80	78	84	84	81	70	73	71	69	74	81	74	74	81	77	73	81	89	90	84	82	85	81	70	63	74	68	80		77.6
	Minimum	45	59	57	54	58	56	63	52	41	49	51	38	40	49	36	49	60	52	49	54	62	62	62	64	59	51	43	43	57	53		52.3
Calico Rock§§	Maximum	84	84	80	78	85	84	68	67	71	62	66	71	82	69	74	80	64	72	74	90	90	86	71	82	77	67	65	72	65	79		75.2
	Minimum	35	37	46	54	49	49	53	47	35	37	30	34	37	39	35	35	52	47	47	45	46	57	58	55	51	52	38	39	47	49		45.2
Camden§§	Maximum	79	77	77	78	81	82	74	73	77	66	67	73	82	77	77	81	84	69	81	87	86	81	79	86	82	81	66	70	71	80		77.5
	Minimum	42	44	54	56	57	58	59	48	40	41	47	37	39	44	43	48	54	55	54	56	57	63	62	56	65	50	48	47	49	56		51.0
Carthage§§	Maximum	79	78	77	78	81	83	70	72	70	68	67	75	77	69	76	78	85	71	83	89	88	83	79	88	85	77	64	72	72	80		77.0
	Minimum	41	46	53	55	57	54	55	51	39	39	40	38	39	44	38	39	49	53	53	55	62	59	60	60	60	50	47	43	47	50		49.3
Center Point	Maximum	82	80	76	79	80	82	75	75	76	70	67	76	83	80	78	82	70	80	87	84	78	80	79	81	78	80	69	69	73	81		77.7
	Minimum	46	54	54	59	59	60	58	43	53	52	44	43	52	55	50	61	54	57	60	63	62	61	60	61	56	51	48	48	56	58		54.7
Conway	Maximum	81	81	80	79	85	84	79	71	73	70	69	73	83	80	74	81	80	73	78	88	88	87	76	84	81	73	66	71	72	80		78.0
	Minimum	42	60	55	60	58	58	59	51	42	53	50	36	43	53	42	54	59	52	52	51	62	61	62	58	65	51	46	46	54	56		53.0
Corning	Maximum	74	78	76	76	84	82	75	67	71	70	66	67	75	69	71	78	74	69	73	85	89	89	86	87	86	67	65	71	68	86		75.4
	Minimum	43	60	51	58	57	60	60	49	42	49	49	40	36	43	36	49	54	44	44	54	64	59	62	65	59	55	35	37	50	55		50.6
Crossett§§	Maximum	78	77	80	81	83	85	75	74	79	71	70	74	83	79	80	83	84	70	83	76	88	89	81	83	80	79	68	72	68	61		77.8
	Minimum	42	47	49	51	55	57	60	52	41	49	49	44	47	57	44	50	52	50	51	57	63	62	66	63	64	53	50	46	47	58		52.5
Dardanelle	Maximum	83	83	81	80	85	85	80	74	75	72	69	75	86	84	77	82	83	76	81	89	90	89	72	85	79	73	69	71	69	82		79.3
	Minimum	41	55	54	60	56	57	59	50	42	54	46	38	44	54	44	54	60	54	56	50	62	64	61	58	58	51	47	48	55	54		52.9
Dumas	Maximum	79	76	81	81	85	86	75	68	77	71	68	77	79	76	71	82	84	75	78	90	91	86	84	90	78	75	65	78	78	81		78.8
	Minimum	43	44	52	56	55	58	64	53	40	51	51	41	44	55	40	52	58	54	51	58	63	63	65	69	67	53	45	45	59	57		52.5
Dutton	Maximum	75	85	80	78	80	79	74	74	74	73	59	60	51	78	70	71	75	78	75	69	70	83	75	74	79	73	69	70	71	71		74.2
	Minimum	33	34	40	45	45	44	38	42	32	36	46	38	35	28	40	45	35	56	49	54	58	43	56	55	58	48	45	45	47	48		43.9
El Dorado	Maximum	80	79	80	80	82	83	74	73	77	69	67	73	83	79	77	81	85	84	82	87	87	85	83	85	83	79	71	71	70	80		79.1
	Minimum	45	50	54	57	56	59	61	49	46	54	47	45	48	55	46	55	60	57	55	60	63	64	63	65	69	57	49	48	61	61		55.3
Eureka Springs	Maximum	76	78	81	74	81	80	75	65	70	63	61	70	79	74	79	77	70	69	69	83	84	86	71	76	72	66	64	69	72	74		73.6
	Minimum	48	59	56	60	59	61	48	41	41	48	41	42	49	44	44	58	56	50	49	52	66	66	68	57	55	48	40	46	52	51		51.9
Fayetteville	Maximum	75	78	76	72	78	78	72	63	71	69	59	70	78	76	75	75	74	72	69	82	81	80	71	76	73	64	66	67	72	72		72.8
	Minimum	47	60	56	59	58	60	50	40	39	49	41	36	44	44	42	59	57	50	53	48	66	63	61	59	53	47	40	49	51	47		51.0
Fort Smith	Maximum	79	81	79	78	82	83	72	70	73	62	65	74	81	76	77	79	77	72	75	87	83	76	76	79	71	69	65	66	73	79		75.3
	Minimum	47	61	57	63	59	61	54	49	49	52	47	44	50	57	50	59	60	56	54	53	66	62	60	58	58	51	48	50	51	54		54.8
Gravette	Maximum	77	79	77	75	79	78	71	66	71	68	61	72	82	75	77	71	71	73	69	81	79	79	73	74	70	62	61	64	72	72		72.7
	Minimum	45	59	57	58	58	61	41	39	42	45	38	34	48	44	45	57	55	50	48	63	64	64	54	57	52	45	29	46	46	45		50.0
Helena	Maximum	75	76	75	75	80	81	77	69	69	66	64	71	77	75	74	79	77	70	78	85	85	86	82	87	80	78	65	71	69	75		75.7
	Minimum	45	44	54	57	58	57	62	51	40	53	48	37	44	51	39	54	60	53	52	59	62	62	62	66	52	49	44	44	60	57		52.6
Highland	Maximum	79	78	75	77	76	75	82	73	76	74	67	74	82	78	75	78	80	72	79	80	84	82	75	82	79	81	75	68	71	72		76.8
	Minimum	47	55	52	59	60	54	57	45	51	52	45	47	49	57	49	56	61	53	56	58	61	61	62	55	64	54	48	47	55	56		51.3
Hot Springs	Maximum	78	77	76	78	81	81	70	71	74	68	71	74	82	78	76	74	84	74	82	87	87	76	77	84	70	66	68	63	79	79		76.2
	Minimum	44	60	58	59	60	63	66	52	46	54	58	49	49	56	44	44	46	52	58	56	64	59	58	56	58	54	48	52	48	47		53.9
Jonesboro	Maximum	76	78	82	77	84	84	77	67	71	67	66	69	79	76	72	79	74	69	77	87	88	87	87	85	85	70	62	72	67	80		76.5
	Minimum	46	60	56	55	62	57	60	50	45	51	50	45	42	46	40	49	54	48	48	59	64	62	65	64	62	50	41	42	54	56		52.8
Lead Hill	Maximum	81	85	83	74	86	84	75	67	71	68	61	70	81	73	77	81	73	73	72	88	91	86	74	81	71	68	68	73	71	77		76.1
	Minimum	32	53	44	54	43	48	50	43	33	44	45	33	37	40	33	49	55	45	51	44	53	59	61	52	50	51	36	40	55	46		46.0
Little Rock	Maximum	81	79	77	77	81	82	72	69	70	64	66	72	81	68	71	80	78	72	77	87	87	78	76	85	78	66	65	70	65	79		75.0
	Minimum	47	58	58	60	60	63	56	54	50	52	51	47	53	54	50	58	56	52	55	60	66	65	63	62	64	53	47	48	56	57		55.8
Lutherville	Maximum	77	81	78	77	82	82	73	71	72	64	66	71	81	75	73	78	79	73	76	87	88	78	69	79	73	68	64	67	72	79		77.1
	Minimum	42	56	54	58	56	64	56	48	46	46	46	41	46	54	48	54	58	51	54	51	65	61	64	54	58	49	44	45	55	54		52.5
Magnolia	Maximum	80	79	78	79	81	82	83	72	77	71	67	74	83	80	78	81	85	67	80	87	86	86	79	85	81	80	78	71	73	81		78.8
	Minimum	47	55	54	57	58	58	59	45	44	54	47	38	51	52	49	54	61	56	56	60	63	65	65	61	66	53	49	48	57	60		54.7
Malvern	Maximum	80	80	75	77	83	84	77	75	77	76	68	73	83	76	76	80	84	77	86	89	89	86	78	84	85	76	67	74	71	81		78.7
	Minimum	40	46	50	60	54	55	60	51	41	52	49	37	41	49	40	50	57	51	55	54	61	60	60	56	60	51	47	45	56	52		51.1
Mammoth Spring	Maximum	81	82	78	76	84	83	76	68	70	70	64	65	79	79	80	75	74	70	70	85	88	87	74	83	79	61	63	70	68	74		75.3
	Minimum	34	64	46	60	48	55	60	49	40	50	50	40	36	45	36	56	53	46	51	45	61	58	62	51	53	52	37	41	54	53		49.3
Marianna	Maximum	78	78	77	77	80	83	80	74	70	69	67	72	79	77	70	78	78	72	79	85	88	87	80	86	81	77	64	73	71	77		76.8
	Minimum	42	51	55	54	57	60	50	51	44	51	50	43	47	51	43	51	57	51	53	59	54	61	65	60	70	53	45	45	58	59		53.0
Marshall	Maximum	76	76	74	74	81	77	76	64	68	67	62	66	79	79	71	75	73	67	70	81	82	81	72	80	80	68	68	66	66	75		73.1
	Minimum	41	60	49	57	51	60	52	43	34	48	46	34	38	46	38	51	56	48	46	[illegible]	66	63	60	57	55	49	37	44	52	46		49.2
Mena	Maximum	79	77	76	76	80	80	71	70	78	66	63	75	80	77	77	78	81	71	79	86	85	76	72	80	75	70	66	66	74	79		75.1
	Minimum	44	56	55	58	56	61	55	49	43	49	43	38	50	51	45	55	58	53	55	50	63	66	58	50	56	49	46	46	53	53		52.0
Mount Ida	Maximum	81	80	77	80	81	82	75	64	66	66	59	76	82	76	70	78	85	75	81	87	[illegible]	78	72	82	75	76	65	63	72	81		75.7
	Minimum	35	62	54	54	52	54	55	45	35	51	46	31	36	47	35	47	47	53	53	45	64	60	57	48	45	46	46	43	54	52		48.3
Newport	Maximum	79	79	77	77	83	82	76	67	69	67	67	70	81	75	72	79	73	70	77	87	89	85	78	85	78	69	61	72	64	79		75.7
	Minimum	47	57	59	59	58	59	59	51	45	51	53	43	41	47	40	50	56	49	47	52	63	63	63	65	63	51	41	40	54	51		52.6
Pine Bluff	Maximum	81	81	82	81	85	85	79	70	77	67	67	74	82	76	73	81	82	72	80	87	83	84	81	85	83	77	63	71	70	78		78.7
	Minimum	48	56	56	59	61	60	65	55	44	52	52	44	46	58	44	53	62	54	54	50	65	65	69	64	67	57	47	49	59	54		55.6
Pocahontas	Maximum	76	80	78	76	83	81	79	67	71	68	66	67	76	76	70	77	76	70	73	86	88	86	81	84	82	68	65	71	70	78		74.6
	Minimum	37	55	50	55	53	53	59	49	44	50	49	44	38	45	36	46	52	45	45	50	60	60	62	69	57	53	38	37	50	55		49.6
Portland	Maximum	80	78	81	81	83	89	79	73	76	75	67	73	82	80	74	84	86	80	82	88	89	86	82	87	84	83	73	70	69	78		79.7
	Minimum	43	52	51	55	55	57	62	52	42	53	53	44	45	55	42	51	57	56	54	57	61	61	63	65	68	56	48	48	60	57		54.2
Prescott	Maximum	80	80	78	79	84	83	77	75	78	78	72	75	84	81	78	82	84	78	82	88	87	83	77	86	83	81	80	71	72	81		79.9
	Minimum	44	53	53	58	57	57	61	46	45	52	46	41	47	52	44	53	60	54	56	57	63	64	61	55	62	53	48	47	55	51		53.2
Searcy	Maximum	79	78	77	76	81	82	76	70	71	71	68	74	80	76	76	78	75	70	76	85	86	78	75	83	80	70	63	72	66	80		75.7
	Minimum	42	56	52	59	56	54	61	52	44	51	51	41	43	49	40	50	58	49	52	53	58	58	60	61	60	50	43	43	54	50		51.7
Stuttgart	Maximum	79	78	79	79	83	81	74	69	72	67	66	73	80	71	73	79	78	74	81	89	87	85	78	85	81	71	62	71	59	80		76.7
	Minimum	46	57	56	57	61	60	65	52	42	51	52	42	44	52	42	53	62	52	51	56	63	60	62	62	61	52	45	47	59	51		54.1
Texarkana	Maximum	80	80	78	78	81	82	74	76	77	73	69	77	84	82	78	80	85	76	81	88	86	86	76	85	80	82	75	75	75	81		78.8
	Minimum	42	56	54	55	59	60	60	45	45	52	44	38	50	50	46	56	60	55	56	59	60	58	59	53	63	52	49	47	54	55		53.1
Thornburg	Maximum	82	80	79	78	81	83	74	71	75	67	64	73	82	73	76	79	81	74	80	88	87	79	74	80	71	66	66	71	67	80		76.0
	Minimum	26	61	60	59	60	54	57	49	32	49	44	31	35	46	36	40	54	50	52	43	68	60	58	57	55	46	43	40	54	44		49.1
Warren	Maximum	77	78	78	79	82	83	78	71	71	75	71	71	83	81	75	82	82	80	81	83	89	85	78	85	[illegible]	81	72	70	68	79		78.6
	Minimum	46	56	56	58	60	59	65	52	44	52	51	45	46	56	45	55	62	55	53	58	63	64	64	63	67	55	47	49	61	57		55.5
Wilson	Maximum	74	76	77	77	82	81	79	63	68	66	65	68	77	75	69	77	74	68	77	85	89	87	81	83	81	72	62	71	69	77		75.0
	Minimum	45	52	57	58	58	57	58	50	44	47	48	42	40	41	37	48	52	48	43	60	64	61	65	61	61	56	40	41	52	57		51.2
Wynne	Maximum	78	79	79	77	83	84	76	73	69	57	65	74	78	66	73	79	73	70	79	87	[illegible]	85	82	[illegible]	81	69	62	72	72	76		75.8
	Minimum	42	51	55	56	55	58	61	50	42	[illegible]	10	48	43	46	37	49	57	48	49	55	63	61	63	61	60	48	41	40	56	51		51.0

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark 5-26-32 1026

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION

3

HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., MAY, 1932 No. 5

GENERAL SUMMARY

The mean temperature for May 1932 was 0.4° above normal while precipitation was deficient in practically all sections, only one station, Danville in the west-central portion, having a positive departure. This is the third consecutive month this year with precipitation below normal, the average being 1.96 inches, and it is the driest May since 1925 when the State average was only 1.88 inches.

The mean temperature for the State, as determined by the records of 62 stations, was 69.5° which is 0.4° above normal. Thirty five stations reported positive departures, 14 negative, and 4 normal. Monthly means ranged from 63.0° at Dutton in the mountainous portion to 72.9° at Warren in the southeastern lowlands. The highest temperature recorded was 96° at Warren on the 15th; the lowest 35° at Thornburg on the 19th. Light frost occurred at Story in the northern portion of of Montgomery County on the 1st and the 13th.

Showers were generally light and scattered during the first 20 days of the month in east-central and northeastern sections and in extreme northwestern and southern border counties. Magnolia in Columbia County had no rain until the 16th and Wynne in Cross County only a trace until the 27th. However, in west-central sections and over the southern slope of the Ozarks, heavy rains fell from the 6th to the 9th, some stations reporting over 2.00 inches during this period. Rainfall, also, was heavier in the Arkansas River Valley and on the western and northwestern slopes of the Boston Mountains. Showers were more general the latter part of the month with locally heavy rains occurring at a few stations where the rainfall was heaviest earlier in the month. The distribution was irregular with nearby stations showing a wide divergence in monthly totals in some sections, especially in the southwestern and northeastern portions. The greatest deficiency occurred in sections embracing the St. Francis and White River valleys and in extreme northwestern and southwestern counties. Monthly totals ranged from 0.28 inch at Gravette to 5.01 inches at Danville. The average precipitation for the State, based on the reports of 94 stations, was 1.96 inches which is 3.15 inches below normal. Thirteen stations had less than 1.00 inch and 55 less than 2.00 inches while 3 had more than 4.00 inches. The greatest amount measured in any 24-hour period was 2.25 inches at Freeman Springs on the 8th. The average number of rainy days was 5.

The weather during the month was favorable for the growth and cultivation of cotton. Stands are good in practically all portions and the crop is clean and well cultivated. Corn made good progress in most portions though some sections need rain badly. Wheat and oats were damaged by the dry weather as were potatoes, truck, and late strawberries but early strawberries yielded much better than usual especially in the White County district where a record crop was produced.

Hail did considerable damage locally in Faulkner, White, and Prairie counties on either the 8th or 9th. The storms usually covered only a few square miles. Hailstones were reported the size of hen eggs at both Des Arc and Vilonia on the 8th and crops suffered severe damage as well as roofs of buildings in the path where heaviest. At Judsonia the damage was confined principally to strawberries which were nearly a total loss in some fields northwest of Judsonia. T.A.M.

Moderate Hail:—Conway, 8th, considerable damage to gardens; Little Rock, 8th, slight damage; 4 miles south of Waldron, 8th, no report on damage; Arlberg, 9th, slight damage to garden truck; Grannis, 27th, slight damage.

Heavy Hail:—Des Arc, 8th, $5,000 damage to crops and roofs of buildings, some livestock killed; Stuttgart, 8th, considerable damage to crops; Vilonia, 8th, $10,000 damage to crops and buildings, mostly buildings; Judsonia, 9th, $20,000 damage to crops, mostly strawberries; Duckett, 27th, slight damage to crops and roofs of buildings.

Windstorms:—Marianna, 8th, $1,000 damage to Miller Lumber Co., smokestacks blown down and machinery damaged; Ozark, 26th, $5,000 damage to buildings, plate glass, and crops.

Lightning:—Fayetteville, 26th, two large barns destroyed by lightning, $5,000 damage; Charleston, 26th, barn struck by lightning and destroyed, loss $500.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs									2																						
Light Hail								3	5																	3	2				
Moderate Hail								2	2																		1				
Heavy Hail								3	1																		1				
Thunderstorms			1		3	2	22	22	14		3					3	1				5	18	8	7	20	28	29				4

MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a.m.	7 p.m.	Percentage of sunshine
Bentonville	30.00	30.29	8	29.74	6	4.866	19	s	31	......	......	87
Fort Smith	30.00	30.26	18	29.74	6	5.527	30	sw	7	74	49	67
Little Rock	30.01	30.27	2	29.81	6	6,721	38	nw	8	72	51	77
Memphis	30.03	30.29	2	29.83	20	5,445	21	n	26	70	53	79

COMPARATIVE DATA FOR MAY

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**69.1**		**107**		**24**		**5.11**		**13**	**10**	**8**	**9**
1891	67.0	−2.1	97	30	36	7	2.78	−2.33	15	9	7	7
1892	67.8	−1.3	95	4	36	22	9.52	+4.41	8	11	12	13
1893	68.6	−0.5	94	19	38	2	9.71	+4.60	14	8	9	11
1894	70.1	+1.0	95	27	35	20	3.40	−1.71	12	12	7	7
1895	69.0	−0.1	97	30	36	13	3.91	−1.20	13	11	7	8
1896	74.3	+5.2	98	8	46	2	3.54	−1.57	15	10	6	7
1897	68.3	−0.8	99	28	33	26	2.13	−2.98	17	9	5	5
1898	72.1	+3.0	100	29	30	7	6.44	+1.33	16	9	6	7
1899	72.9	+3.8	96	15	44	5	6.45	+1.34	10	12	9	10
1900	69.3	+0.2	97	15	37	4	3.69	−1.42	12	12	7	9
1901	68.2	−0.9	100	2	31	26	2.95	−2.16	12	13	6	7
1902	73.2	+4.1	100	22	42	1	4.34	−0.77	12	12	7	8
1908	67.5	−1.6	96	23	24	1	7.47	+2.36	9	11	11	12
1904	67.1	−2.0	98	23	31	12	3.39	−1.72	13	12	6	8
1905	70.7	+1.6	98	31	38	1	9.58	+4.47	9	11	11	12
1906	68.8	−0.3	100	30	28	9	4.71	−0.40	15	8	8	8
1907	63.8	−5.3	91	23	31	15	9.48	+4.37	7	13	11	13
1908	70.0	+0.9	96	23	30	8	7.05	+1.94	8	13	10	10
1909	67.0	−2.1	92	5	28	2	6.76	+1.65	14	9	8	10
1910	66.0	−3.1	95	30	31	7	6.56	+1.45	12	10	9	11
1911	70.8	+1.7	101	28	26	2	1.11	−4.00	19	10	2	3
1912	69.9	+0.8	98	21	32	17	2.41	−2.70	15	11	5	6
1913	69.3	+0.2	99	31	35	7	3.32	−1.79	16	10	5	7
1914	69.5	+0.4	97	31	34	9	3.34	−1.77	12	13	6	6
1915	69.9	+0.8	101	14	34	8	5.58	+0.47	12	9	10	9
1916	71.6	+2.5	99	28	34	16	3.56	−1.55	18	7	6	6
1917	63.5	−5.6	97	26	31	1	3.15	−1.96	15	7	9	6
1918	72.2	+3.1	102	30	29	1	3.01	−2.10	17	8	6	4
1919	66.8	−2.3	96	31	38	21	6.01	+0.90	9	9	13	12
1920	70.8	+1.7	96	24	39	14	8.17	+3.06	11	9	11	12
1921	69.7	+0.6	99	31	29	3	2.25	−2.86	18	8	5	5
1922	70.8	+1.7	100	11	40	1	5.00	−0.11	12	10	9	11
1923	67.2	−1.9	98	20	27	9	8.24	+3.13	11	8	12	12
1924	64.6	−4.5	94	18	30	11	4.64	−0.47	15	8	8	8
1925	68.0	−1.1	102	30	26	1	1.88	−3.23	17	7	7	4
1926	69.7	+0.6	107	29	29	15	2.42	−2.69	17	8	6	5
1927	71.7	+2.6	97	29	32	16	6.54	+1.43	12	9	10	9
1928	69.5	+0.4	98	10	34	8	3.60	−1.51	17	7	7	8
1929	67.6	−1.5	97	31	30	3	6.31	+1.20	9	9	13	13
1930	68.8	−0.3	95	27	37	31	10.06	+4.95	14	7	10	12
1931	65.2	−3.9	96	27	27	7	3.45	−1.66	15	7	9	8
1932	69.5	+0.4	96	15	35	19	1.96	−3.15	16	9	6	5

Climatological Data for May, 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	71.0	+ 1.7	90	22†	50	2	37	1.85	−3.34	1.07	0.0	4	9	12	10	ne.	J. W. Campbell
Arkadelphia	Clark	250	36	....	....	....	....	....	....	....	2.09	−3.47	0.75	0.0	9	20	5	6	n.	W. K. Bown
Arkansas City	Desha	145	48	....	....	....	....	....	....	....	1.81	−2.86	0.63	0.0	7	17	3	11	....	Herbert Neff
Arlberg	Stone	700	10	....	....	....	....	....	....	....	2.41	....	1.28	0.0	4	14	8	9	ne.	J. D. Reeves
Batesville	Independence	277	33	65.9	− 1.3	88	8†	38	2†	43	2.07	−2.93	0.93	0.0	7	21	4	6	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	69.6	+ 1.3	90	31	45	2	37	2.52	−2.61	0.75	0.0	9	13	12	6	s.	J. E. Scanlan
Bentonville	Benton	1303	27	66.4	+ 1.4	85	23	42	17	37	0.90	−4.03	0.70	0.0	4	27	3	1	s.	U. S. Weather Bure
Big Lake Outlet.‡‡	Mississippi	....	2	....	....	....	....	....	....	....	1.80	....	1.40	0.0	3	21	0	10	....	Harry Johnson
Black Rock	Lawrence	259	30	....	....	....	....	....	....	....	2.34	−2.83	1.29	0.0	5	24	0	7	s.	Vernon C. Howe
Blytheville	Mississippi	252	7	70.2	....	90	15	46	2	35	0.98	....	0.61	0.0	5	4	7	20	s.	Charles Phillips Jr.
Booneville	Logan	465	18	70.0	0.0	88	22†	45	2	37	4.13	−1.23	2.20	0.0	6	12	10	9	e.	F. H. Randolph
Brinkley	Monroe	205	45	69.8	− 0.2	91	31	44	2	38	2.34	−2.65	1.31	0.0	4	21	7	3	ne.	R. J. Torry
Calico Rock	Izard	361	28	66.2	− 0.6	90	14	38	2	44	1.59	−3.13	1.03	0.0	5	8	21	2	se.	W. J. Copp
Camden	Ouachita	158	47	70.0	− 0.9	91	31	47	2	38	0.92	−3.68	0.74	0.0	7	10	10	11	ne.	Georgia Quarterman
Carthage	Dallas	....	26	69.2	....	90	31	45	2	39	1.72	−3.35	0.95	0.0	8	22	3	6	n.	C. R. Tewalt
Center Point	Howard	470	33	72.2	+ 1.4	92	31	52	11	34	0.36	−5.94	0.15	0.0	3	13	14	4	ne.	John C. Floyd
Clarendon	Monroe	172	28	....	....	....	....	....	....	....	1.98	−2.97	0.65	0.0	8	15	4	11	ne.	J. W. Bishop
Clinton	Van Buren	516	11	....	....	....	....	....	....	....	3.41	−2.14	1.26	0.0	5	13	12	6	nw.	A. L. Stephens
Conway	Faulkner	309	49	70.8	+ 0.9	91	31	47	2	34	1.76	−3.31	0.96	0.0	4	22	6	3	e.	E. E. Cordrey
Corning	Clay	293	39	69.0	+ 1.0	90	14†	39	2	40	1.13	−3.43	0.60	0.0	2	22	8	1	ne.	Winfred D. Polk
Cotter	Baxter	408	5	....	....	....	....	....	....	....	2.64	....	1.88	0.0	3	22	5	4	nw.	O. B. McSpadden
Crosset	Ashley	175	20	70.6^c	....	90^f	31	50	1	35^f	1.09	−3.48	0.30	0.0	6	14	9	8	s.	G. A. Gifford
Danville	Yell	327	16	....	....	....	....	....	....	....	5.01	+0.19	2.00	0.0	1	16	8	7	e.	C. G. Hudson
Dardanelle	Yell	330	16	71.3	+ 1.4	90	22†	46	2	37	2.92	−2.49	1.25	0.0	8	9	14	8	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	....	....	....	....	....	....	....	1.79	....	0.99	0.0	5	21	2	8	....	H. G. Pate
Dumas	Desha	162	26	70.6	− 0.6	95	31	47	2	39	2.09	−3.20	0.88	0.0	8	9	11	11	s.	Ben Johnson
Dutton	Madison	1590	29	63.0	0.0	84	25	36	19	45	1.28	−5.01	0.54	0.0	4	20	9	2	w.	J. M. Ricketts
El Dorado	Union	270	31	72.3	+ 1.1	92	31	51	2	32	1.10	−3.80	0.27	0.0	9	10	10	11	n.	J. J. Babb
England	Lonoke	229	25	69.8^a	− 0.2	88^a	31	47^a	2	34^a	2.79	−1.55	0.90	0.0	7	12^b	12^b	5^b	....	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	67.6	+ 1.1	87	14†	43	2	36	1.34	−4.43	0.92	0.0	4	13	15	3	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1151	45	67.0	+ 0.7	86	14†	42	1†	40	1.31	−4.13	0.59	0.0	5	13	16	2	sw.	University of Arkans
Fort Smith	Sebastian	457	55	70.6	+ 1.0	88	26	51	2	31	2.62	−2.20	1.07	0.0	8	10	16	5	e.	U. S. Weather Bure
Freeman Springs‡‡	Pope	2240	8	....	....	....	....	....	....	....	4.66	....	2.25	0.0	6	19	8	4	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	46	....	....	....	....	....	....	....	0.84	−3.77	0.37	0.0	5	16	6	9	....	T. J. Logan
Georgetown	White	200	20	....	....	....	....	....	....	....	0.98	−3.75	0.82	0.0	4	17	1	13	....	W. R. Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	2.43	....	1.11	0.0	6	19	11	1	....	S. G. Battenfield
Grannis	Polk	900	13	67.6	+ 0.6	89	6	41	19	41	2.62	−3.79	0.92	0.0	6	16	9	6	e.	W. E. McVay
Gravette	Benton	1250	35	67.0	+ 1.7	87	14†	42	1†	41	0.28	−5.28	0.11	0.0	4	13	11	7	se.	A. F. Stevens
Harrison	Boone	1052	32	66.4	+ 0.7	89	14	38	2	42	2.55	−2.68	1.00	0.0	7	21	9	1	sw.	Louis R. Keck
Helena	Phillips	250	60	69.3	− 1.5	88	31	50	1†	30	2.38	−2.62	0.78	0.0	9	4	13	14	s.	James A. Burnett
Higden	Cleburne	445	13	....	....	....	....	....	....	....	1.67	−4.63	0.49	0.0	7	13	15	3	w.	Geo. W. Baker
Highland	Pike	....	12	71.4	....	90	31	53	11†	30	1.93	−2.18	0.98	0.0	5	9	18	4	s.	Tom W. Stewart
Hope	Hempstead	377	61	71.6	+ 0.5	92	26†	49	2	37	2.40	−2.85	1.10	0.0	5	16^b	10^b	3^b	....	N. P. O'Neal
Hot Springs	Garland	600	41	72.8	+ 3.2	94	31	52	1†	34	1.20	−4.79	0.66	0.0	6	15	13	3	....	G. C. Bolton
Index ‡‡	Little River	275	7	....	....	....	....	....	....	....	1.54	....	0.92	0.0	4	16	3	12	....	H. G. Sanderson
Jessieville	Garland	750	6	....	....	....	....	....	....	....	3.79	....	2.02	0.0	4	15	11	5	....	U. S. Forest Service
Jonesboro	Craighead	345	37	70.6	+ 1.1	90	14†	45	2	37	0.76	−3.50	0.70	0.0	3	21	9	1	nw.	Benedictine Sisters
Lead Hill	Boone	650	26	66.8	− 1.0	91	14†	36	2	45	1.44	−4.21	0.69	0.0	5	20	9	2	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	70.6	+ 0.3	87	31	51	2	26	3.23	−1.55	1.53	0.0	8	7	9	15	s.	U. S. Weather Bure
Lurton	Newton	2100	7	..	....	..	. .	46^a	11	....	3.70	....	1.65	0.0	6	17	9	5	s.	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	69.6	+ 1.8	89	31	47	2	31	3.58	−1.57	1.81	0.0	9	15	10	6	e	H. G. Lenhardt
Madison	St. Francis	....	2	....	....	....	....	....	....	....	1.73	....	1.00	0.0	2	19	0	12	....	William G. Hager
Magnolia	Columbia	315	16	71.7	+0.4	92	31	50	17†	34	1.82	−3.26	0.65	0.0	5	11	16	4	se.	State Agri. School
Malvern	Hot Springs	277	45	70.8	+0.9	90	26	49	1†	40	2.07	−2.72	0.50	0.0	7	18	10	3	ne.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	600	27	67.0	+2.0	87	14†	39	2	38	0.90	−3.69	0.60	0.0	2	21	8	2	nw.	S. F. Whittaker
Marianna	Lee	235	20	70.6	+0.4	91	25	48	2	32	2.22	−2.33	1.32	0.0	6	11	18	2	sw.	C. N. Houck
Marked Tree	Poinsett	229	27	69.5	+0.5	90	14†	44	2	37	1.27	−3.91	0.60	0.0	9	16	15	0	n.	Charles Walton
Marshall	Searcy	1070	18	64.8	−2.4	85	9	36	2	38	3.20	−3.65	2.00	0.0	3	12	11	8	n	A. J. Parks
Mena	Polk	1185	44	69.3	+0.7	87	26	48	1	34	3.09	−3.31	1.47	0.0	10	14	7	10	sw.	E. W. St. John
Morrillton	Conway	347	9	69.8	....	88	26	47	2	33	2.54	....	0.90	0.0	4	15	10	6	e.	John Cook
Mountain Home	Baxter	800	18	67.6	+1.6	90	14†	38	2	40	1.65	−4.03	1.57	0.0	2	14	12	5	s.	B. S. Halbert
Mount Ida	Montgomery	650	33	67.2	−1.0	90	31	39	2†	45	1.86	−4.03	1.25	0.0	4	16	6	9	w.	G. A. Whittington
Newport	Jackson	231	48	70.0	0.0	90	14†	43	2	37	1.24	−3.11	0.66	0.0	6	15	12	4	s	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	1.66	....	0.77	0.0	5	19	7	5	....	U. S. Forest Service
Oden	Montgomery	800	6	....	....	....	....	....	....	....	1.77	....	0.66	0.0	8	17	8	6	sw.	U. S. Forest Service
Okay	Howard	288	3	72.1	....	91	9†	46	19	37	1.11	....	0.43	0.0	6	16	11	4	ne.	Charles R. Jackson
Osceola	Mississippi	240	34	71.8	+ 2.6	92	14	44	2	35	1.16	−3.94	0.76	0.0	3	13	15	3	s.	Charles H. Hampton
Ozark	Franklin	396	37	69.8	0.0	90	14†	45	2	38	3.62	−1.87	1.76	0.0	6	23	6	2	e.	Orkney O. Milton
Paragould	Greene	301	9	....	....	....	....	....	....	....	1.48	....	0.86	0.0	4	21	8	2	nw.	W. R. Heagler
Parkin	Cross	....	2	....	....	....	....	....	....	....	0.86	....	0.52	0.0	7	18	4	9	....	P. D. Roberts
Patterson	Woodruff	196	16	....	....	....	....	....	....	....	2.04	−2.88	1.92	0.0	2	23	5	3	ne.	W. E. Baker
Piggott	Clay	307	7	....	....	....	....	....	....	....	1.22	....	0.40	0.0	5	22	3	6	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	70.8	− 0.6	87	31	53	2†	30	2.66	−2.04	1.50	0.0	7	13	11	4	s.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	69.2	+ 0.8	92	27	39	2	36	1.13	−3.72	0.78	0.0	3	10	14	7	ne.	Benedictine Sisters
Portland	Ashley	122	26	70.8	− 0.8	90	31	49	3	33	2.02	−3.78	0.51	0.0	7	10	15	6	n.	W. E. Edmiston
Prescott	Nevada	329	44	72.4	+ 2.0	92	26†	50	1	36	1.19	−3.84	0.79	0.0	4	17	9	5	s.	Craig Williams
Rison	Cleveland	213	31	72.7^g	+ 1.8	93^g	16	50^g	2	37^g	1.86	−2.15	0.71	0.0	4	14^g	7^g	3^g	....	Mrs. M. V. Tisdale
Rogers	Benton	1385	41	66.8	+ 1.0	87	14†	40	17	41	0.93	−4.46	0.54	0.0	7	16	11	4	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Ballard Deane
Saint Francis	Clay	290	4	....	....	....	....	....	....	....	1.22	....	0.48	0.0	8	21	7	3	....	S. T. Rooney
Searcy	White	236	22	69.2	+ 0.6	88	14†	45	2	36	1.74	−2.80	0.98	0.0	9	24	0	7	ne.	Arthur D. Smith
Springbank ‡‡	Miller	240	25	....	....	....	....	....	....	....	1.00	−3.67	0.30	0.0	7	14	5	12	....	Miss Grace Field
Story	Montgomery	700	8	....	....	....	....	....	....	....	1.71	....	0.72	0.0	6	18	10	3	ne.	S. C. Story
Stuttgart	Arkansas	228	45	70.4	+ 0.6	91	31	48	2	34	3.43	−1.37	1.32	0.0	7	8	13	10	s.	Adam F. Buerkle
Subiaco	Logan	1050	35	71.6	+ 1.6	92	26†	49	2	35	2.66	−2.77	1.60	0.0	6	13	11	7	s.	New Subiaco Abbey
Sunset	Washington	....	1	65.8	....	81	8†	44	11	28	2.36	....	0.98	0.0	7	17	13	1	sw.	Walter James
Texarkana	Miller	332	46	71.3	− 0.3	91	26†	49	19	36	0.89	−3.67	0.52	0.0	4	13	7	6	s.	H. S. Brashear
Thornburg	Perry	650	11	67.7	....	89	22	35	19	48	1.99	−3.73	1.52	0.0	6	13	12	6	s.	Edward E. Holmes
Waldron	Scott	675	13	....	....	....	....	....	....	....	3.60	−1.88	2.19	0.0	6	12	5	14	sw.	Dr. Cheves Bevill
Warren	Bradley	206	38	72.9	+ 1.7	96	15	51	2	34	2.00	−2.70	0.75	0.0	4	18	11	2	se.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	....	....	....	....	....	....	....	1.73	....	0.94	0.0	5	11	9	11	w.	J. R. Huddleston
Whitecliffs	Little River	290	28	....	....	....	....	....	....	....	1.05	−3.73	0.77	0.0	3	12	4	15	s.	Nannie O. Schirmer
Wilson	Mississippi	237	7	69.8	....	89	31	43	2	33	2.13	....	1.85	0.0	6	20	7	4	s.	S. N. Johnson
Wynne	Cross	250	21	69.2	− 0.4	89	15†	42	2	36	0.84	−3.96	0.84	0.0	1	19	8	4	s.	R. T. Cobbs
Yancopin	Desha	167	8	....	....	....	...	....	.	....	1.22	....	0.40	0.0	7	10	8	13	....	W. E. Barton
State Means				69.5	+0.4	96	15	35	19	48	1.96	−3.15	2.25	0.0	5	16	9	6	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in mea and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for May, 1932

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita									.20																.48		1.07			.10		1.85
Arkadelphia	Ouachita						.11		.24	.02							.15					.32			.03	.38	.09	.75			T.		2.09
Arkansas City	Mississippi									.19	.20										04	.50	T.	T.	.10	63	T.	.15			T.		1.81
Arlberg	White							1.28		.10																.56	.47						2.41
Batesville	White								.82	.18												.04			.01	.01	.08	.93					2.07
Bee Branch	Arkansas							.32	.40	.75												.04	.14		.10	.18	.04	.55					2.52
Bentonville***	Arkansas						T.	.11														T.				12	.58					09	0.90
Big Lake Outlet	St. Francis								T.									.20				T.	.20					1.40					1.80
Black Rock	White								.67								.01						T.			.13	.24	1.29					2.34
Blytheville	St. Francis								.03									.19				.06	.09					.61					0.98
Booneville	Arkansas							2.20	.04	T.												.15			.03	1.22		.49					4.13
Brinkley	White									1.31	.23													.14				.66					2.34
Calico Rock	White								1.03	.02											T.	T.				.16	.15	.23					1.59
Camden	Ouachita	.01					.03			.02								.01				.10		.01				.74					0.92
Carthage	Ouachita																02	.45				.25		.02	.01	.01	.01	.95					1.72
Center Point	Red							.11	.15																			T.		.10			0.36
Clarendon	White								T.	.24	.45							.13			T.	.16		.17	.14		.04	.65					1.98
Clinton	White							.69														.14	T.		.56	.76	1.26						3.41
Conway	Arkansas							.18	.48																	.14		.96					1.76
Corning	White								.53									T.				T.					T.	.60					1.13
Cotter	White								1.88	T.																T.	.32	.44					2.64
Crossett	Ouachita																				T.	.30		.12	.13		.30	.20	.04				1.09
Danville	Arkansas								.83	.86											T						1.32	2.00					5.01
Dardanelle	Arkansas								.77	.30												.05		.12		.16	.25	1.25		.02			2.92
De Valls Bluff	White									26	.30											.08		.16				.99					1.79
Dumas	Mississippi							T.		.88	.52							T.			.02	.12		T.	.10	.20	.05	.20					2.09
Dutton	White						.54															.10		T.			.24			.40			1.28
El Dorado	Ouachita	T.								.05							T.	.19			.05	.10			.02	.08	.27	.22	.12				1.10
England	Arkansas							T.	.81	T.							.19				T.	.35	.42	T.	.07	.05		.90					2.79
Eureka Springs	White							.14															.18			.10		.92					1.34
Fayetteville	White					T.		.27								T						.14	T.			.25		.59				.09	1.34
Fort Smith***	Arkansas						T.	1.07	T.							.01						.04	.08		.02	1.02	.35	.03		T		T.	2.62
Freeman Sprgs.	Arkansas							.26	2.25															.04		.16	.72	1.23					4.66
Fulton	Red	.09							37	20							T.	T.				.03			T.			.15	T.				0.84
Georgetown	White									06	.08	T.												.02			T.	.82					0.98
Gilbert	White								1.11	.14												T.		.05		15	.24		.74				2.43
Grannis	Red						T.	.92	.07							T.	.06					T.	T.		T.		.65	.55		.37			2.62
Gravette	Arkansas		T.					T.								.11						.03	T.			.09	.05					T.	0.28
Harrison	White					.02		.55		.15															.06	.67	.10	1.00					2.55
Helena	Mississippi									.50	44							.02			.03	.11	.03	.02	.15			.78					2.08
Higden	White							.49		.47												.10	.06		.03	.16		.36					1.67
Highland	Ouachita							.07	.70																	.06		.98		.12			1.93
Hope	Red							.91	.21									.13					.05		T.			1.10		T.			2.40
Hot Springs	Ouachita							.05	.06												.16	.07					.20	.66					1.20
Index	Red								.92	.24																.10	T.	.28					1.54
Jessieville	Ouachita		.58							.98																	.21	2.02					3.79
Jonesboro	White								.03		T	T.	.03				T.				T.	T.			T.	T.	T.	.70					0.76
Lead Hill	White					T		.34		.33												T.	T.		.03	.05	.69						1.44
Little Rock***	Arkansas					T.		.02	1.11	T.						T.	.03				.40	T.	T.	.06	.08	T.	1.02	.51		T.			3.23
Lurton	White							1.65														.08	.10		.02	1.35		.50				T.	3.70
Lutherville	Arkansas							1.81	.04	.05						T.						.05	.09		.15	.25	.02	1.12					3.58
Madison	St. Francis									.73		T.				T.					T.	T.						1.00					1.73
Magnolia	Red																30	.65						.25	.12			.50					1.82
Malvern	Ouachita								.42	.32							.15	.08				.45					.15	.50					2.07
Mammoth Spg.	White								.60																		T.	.30					0.90
Marianna	St. Francis								1.32	.11							.21				.06		.22					.30					2.22
Marked Tree	St. Francis									.09			.04				.04	.60			T.		.12	.08	.02		.02	.26					1.27
Marshall	White								2.00		.15											T.	T			T.		1.05					3.20
Mena	Ouachita						T.	.07	1.47	.05												.03	.04	.12		.08	.52	.49		T.	.22		3.09
Morrilton	Arkansas								.68	.80														.16				.90					2.54
Mountain Home	White							1.57		.08												T.											1.65
Mount Ida	Ouachita							1.25													.01	.14						.46					1.86
Newport	White									.05	.30												.12		.06		.05	.66					1.24
Norman	Ouachita								.77													.12				T.	.50	.19			.08		1.66
Oden	Ouachita							.66	.48												.05	.04				.12	.33	.07		T.	.02		1.77
Okay	Red	.28						.12	.43	.12															T.	T.		.10		.06			1.11
Osceola	Mississippi												T.					.15			T.		.25					.76					1.16
Ozark	Arkansas							.83	.70													T.	.04	.06			.23	1.76					3.62
Paragould	St. Francis								.86	.02												T.			.39			.21					1.48
Parkin	St. Francis									.03		.01	.01									.02	.19	.08				.52					0.86
Patterson	White																							.12				1.92					2.04
Piggott	St. Francis							.31		.38		.10														.03	.40						1.22
Pine Bluff	Arkansas									1.50	.05											.23		.02	.04	.11		.71					2.66
Pocahontas	White							.78																		.15		.20					1.13
Portland	Ouachita									.12	.51											.42		.07	.31	.48		.11					2.02
Prescott	Ouachita								.18	.12												.10						.79			T.		1.19
Rison	Ouachita																	.71							.64	.11		.40					1.86
Rogers	White					.02		.14														.05		.02	.04			.54				.12	0.93
St. Charles	White																																....
St. Francis	St. Francis								.42																		.32	.48					1.22
Searcy	White									.01	.32	.03									.02	T.	.08	.04	.08		.18	.98					1.74
Springbank	Red						T.		T	.17							.30	.11				T.	.06		T.	.18	.14	.04					1.00
Story	Ouachita								.72	27												.08				.27	.25	.12					1.71
Stuttgart	Arkansas									1.17	.41						.02					.15	.13	.23				1.32					3.43
Subiaco	Arkansas					T	T.	1.60	.04	T.												.07	T.		T.	.09	.01	.85					2.66
Sunset	Arkansas							.98									T.					.40	.03	.05		.55	.05	.30				T.	2.36
Texarkana	Red	.05							.52	.20							T.											.12					0.89
Thornburg	Arkansas					T	T.	.04	.04	T.							T.					.22			.14	03	T	1.52					1.99
Waldron	Arkansas					T.	T.	2.19	.34													.12	.13		.19	T	T.	.63		T.			3.60
Warren	Ouachita	T.						T.		T.							T.				T.	.35		T.	.40	.75	T	.50					2.00
Waters	Ouachita								.94													.05				.26	.36	.12					1.73
Whitecliffs	Red	.06					T.		.77	.22												T.	T.		T.	T.		T.				T	1.05
Wilson	Mississippi									.01			T.					.02			.02		.21				.02	1.85					2.13
Wynne	St. Francis											T.										T.	T.					.84					0.84
Yancopin	Arkansas									.31	.21										.08	.40		T.	.08		.02	.22			T.		1.32

Daily River Stages for May, 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.8	5.3	5.2	5.0	5.0	4.9	4.9	5.2	5.6	5.8	5.8	5.5	5.3	5.5	5.5	5.8	5.1	4.9	4.7	4.6	4.6	4.6	4.8	4.6	4.3	4.3	4.2	4.3	4.2	4.2	4.1
Ozark	do	22	2.9	2.4	2.1	1.8	1.7	1.6	1.4	1.7	2.0	2.2	2.4	2.4	2.2	1.9	1.9	1.9	1.9	1.7	1.4	1.1	1.0	1.0	1.1	1.1	1.0	0.8	1.1	0.8	0.7	0.7	0.6
Dardanelle	do	20	6.2	5.9	5.5	5.2	5.0	4.8	4.7	5.4	5.6	5.6	5.6	5.6	5.5	5.3	5.0	5.0	5.0	5.0	4.7	4.5	4.4	4.3	4.2	4.3	4.3	4.2	4.2	4.7	4.8	4.1	4.0
Morrilton	do	20	2.0	1.9	1.6	1.4	1.3	0.8	0.7	0.7	1.1	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.5	0.4	0.4	0.3	0.8	0.3	0.3	0.6	0.9	0.6	0.3
Little Rock	do	23	2.3	2.5	2.5	2.1	1.7	1.4	1.2	1.1	1.3	1.8	2.0	2.2	2.1	1.9	1.8	1.4	1.2	1.2	1.2	1.1	0.8	0.7	0.6	0.5	0.5	0.5	0.6	0.4	0.7	0.9	0.7
Pine Bluff	do	25	7.4	7.4	7.6	7.6	7.4	7.1	6.4	6.4	6.4	6.6	7.2	7.4	7.3	7.3	7.1	7.1	7.0	6.8	6.7	6.6	6.4	6.1	5.8	5.7	5.6	5.5	5.5	5.7	5.8	5.8	6.1
Yancopin	do	29	19.7	19.3	19.2	19.4	19.8	20.2	20.6	21.0	21.3	21.3	21.1	20.8	20.1	19.3	18.4	17.4	16.5	15.6	14.7	13.9	13.3	12.7	12.3	12.3	12.3	12.4	12.5	12.4	12.1	11.5	10.7
Danville	Petit Jean	20	3.4	3.3	3.2	3.2	3.1	2.9	2.8	3.7	10.4	7.8	6.2	4.8	4.1	3.6	3.1	2.8	2.6	2.5	2.4	2.2	2.1	2.1	1.9	1.8	1.8	2.3	5.3	5.9	5.2	4.3	2.9

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.7	3.6	3.4	3.3	3.3	3.3	3.5	3.7	3.5	3.5	3.5	3.4	3.3	3.2	3.2	3.1	3.3	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.7	2.9	3.1	3.5	3.4	3.4	3.2
Calico Rock	do	18	1.7	1.6	1.8	1.2	1.6	1.5	1.4	1.8	2.5	2.4	2.0	1.7	1.5	1.2	1.0	1.0	1.0	0.7	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.8	1.3	1.2	1.0	0.5
Batesville	do	23	6.7	6.6	6.4	6.1	6.4	6.4	6.3	6.5	6.7	7.5	7.8	6.9	6.5	6.3	6.0	5.9	5.6	5.8	5.5	5.5	5.4	5.2	5.0	5.0	5.0	5.0	5.1	5.4	6.0	5.9	5.7
Newport	do	26	4.0	3.9	3.7	3.4	3.1	3.3	3.3	3.3	3.5	3.6	3.9	3.6	3.4	3.0	2.8	2.6	2.4	2.3	2.3	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.9	2.2	2.1
Georgetown	do	22	6.5	6.4	6.2	5.8	5.6	5.3	5.0	4.9	4.8	4.8	5.1	5.4	5.5	5.3	5.1	4.7	4.3	4.0	3.6	3.4	3.1	2.9	2.8	2.7	2.5	2.3	2.2	2.2	2.2	2.2	2.3
De Valls Bluff	do	24	11.3	11.0	10.8	10.5	10.2	9.9	9.6	9.4	9.3	9.2	9.2	9.4	9.7	9.8	9.6	9.2	8.9	8.5	8.0	7.8	7.6	7.3	7.2	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.3
Clarendon	do	30	16.6	16.0	15.5	15.1	14.6	14.3	13.9	13.5	13.4	13.4	13.3	13.3	13.4	13.5	13.4	13.0	12.7	12.2	11.7	11.3	11.0	10.7	10.5	10.3	10.1	10.0	9.9	9.7	9.6	9.5	9.5
Gilbert	Buffalo	30	3.7	3.6	3.5	3.4	3.2	3.0	2.9	5.8	5.6	4.8	4.5	4.2	4.0	3.8	3.6	3.5	3.4	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	3.1	3.2	3.2	3.1	3.0
Black Rock	Black	14	3.8	3.6	3.5	3.3	3.1	3.0	2.9	2.8	3.0	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.4	2.2	2.1	2.0	2.0
Arkadelphia	Ouachita	12	0.6	0.5	1.0	1.3	0.0	0.0	-0.2	2.1	-0.1	0.3	1.3	-0.3	-0.2	0.0	0.7	-0.4	0.8	1.3	1.0	-0.5	-0.2	-0.3	-0.8	-0.8	-0.6	-0.5	-0.6	1.0	-0.6	-0.8	-0.8
Camden	Ouachita	30	8.7	11.6	11.9	11.0	9.1	7.9	7.1	6.8	6.5	6.8	6.2	5.9	6.7	6.2	5.9	5.5	5.8	5.2	5.0	5.8	5.9	5.5	5.3	5.2	5.0	4.8	5.3	5.1	6.3	7.0	6.2
Fulton	Red	28	10.6	10.0	9.6	10.3	10.4	10.0	9.3	8.9	8.5	15.3	18.8	18.3	16.3	14.2	12.0	10.2	9.4	9.0	8.5	8.3	8.1	7.7	7.4	7.2	7.1	7.0	6.9	7.2	7.7	3.3	8.3
Helena	Mississippi	44	26.5	27.3	28.3	29.3	30.5	31.5	32.2	32.5	32.3	31.6	30.5	29.2	27.9	26.7	25.6	24.7	24.0	23.5	23.0	22.0	21.5	21.3	21.7	22.4	22.8	22.9	22.6	22.0	21.0	19.4	16.9
Arkansas City	do	48	31.3	30.8	30.9	31.1	31.5	32.2	32.8	33.4	33.8	33.9	33.7	33.1	32.4	31.5	30.4	29.3	28.2	27.2	26.3	25.4	24.6	23.8	23.3	23.2	23.5	23.9	24.0	23.9	23.5	22.9	21.6

Daily temperatures for May, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	78	80	85	84	82	82	76	85	89	78	79	84	88	89	85	75	81	82	85	83	85	90	89	83	86	88	87	84	65	84	90	83.3
	Minimum	53	50	51	57	60	64	67	66	61	58	57	55	51	52	58	62	59	54	51	55	59	62	63	65	66	67	61	62	60	54	60	58.7
Bee Branch	Maximum	80	73	83	85	82	83	83	87	85	75	78	80	87	89	86	78	75	76	78	79	79	84	85	85	85	84	82	78	76	82	90	81.7
	Minimum	51	45	49	56	53	66	63	62	62	52	56	53	50	54	56	60	57	54	49	61	65	64	64	61	65	67	62	56	56	50	59	57.4
Bentonville	Maximum	68	73	83	82	77	81	74	83	79	73	75	78	84	85	76	70	75	76	78	80	82	84	85	84	85	85	72	74	71	80	84	78.6
	Minimum	43	43	56	60	58	69	62	61	57	49	45	46	47	59	59	49	42	45	47	51	58	57	60	58	64	63	54	50	54	52	63	54.2
Blytheville	Maximum	76	72	80	84	83	84	88	85	85	84	76	76	81	88	90	87	75	75	80	77	82	86	87	87	85	86	79	79	71	82	89	81.9
	Minimum	55	46	49	59	58	63	68	68	63	55	53	51	52	58	55	64	57	51	51	64	68	62	62	66	67	69	64	55	52	56	56	58.6
Booneville	Maximum	78	79	86	87	84	85	78	86	86	78	79	81	86	87	86	76	77	79	81	84	82	88	87	85	87	88	84	79	73	84	88	82.8
	Minimum	46	45	56	57	57	69	61	64	59	56	51	49	49	53	50	60	54	47	48	53	65	60	61	62	66	66	67	61	60	54	68	57.1
Brinkley	Maximum	77	77	85	86	86	87	86	84	87	72	80	81	80	89	86	82	74	78	84	77	83	86	86	87	87	89	85	77	72	84	91	82.8
	Minimum	47	44	47	54	54	63	67	66	58	53	55	51	56	51	56	59	57	52	51	63	63	62	61	61	65	65	63	57	53	50	57	56.8
Calico Rock§§	Maximum	74	73	85	86	84	85	75	85	83	71	79	81	85	90	87	71	76	77	80	81	81	87	88	86	83	83	80	77	73	82	80	81.0
	Minimum	44	38	41	49	50	52	70	61	60	50	51	45	45	46	51	55	51	40	40	47	53	54	57	58	59	66	63	49	52	48	50	51.5
Camden§§	Maximum	80	79	83	84	84	85	79	86	87	78	79	82	86	88	84	80	77	80	83	75	83	87	87	82	87	90	84	82	69	84	91	82.7
	Minimum	52	47	50	54	55	61	64	68	61	55	55	48	48	51	55	63	58	54	49	55	63	59	60	63	66	66	61	62	60	51	60	57.2
Carthage§§	Maximum	81	80	85	85	88	85	84	70	89	77	83	81	86	89	86	77	76	77	80	74	83	85	86	80	86	89	82	78	80	82	90	82.5
	Minimum	50	45	47	49	53	53	63	62	58	54	53	50	47	51	54	59	59	54	50	52	63	60	60	61	65	66	61	61	57	59	53	55.8
Center Point	Maximum	80	78	84	81	83	80	75	84	88	80	79	85	88	86	80	76	79	82	83	84	84	87	87	83	86	91	87	87	76	83	92	83.2
	Minimum	54	55	58	62	61	67	65	67	62	59	52	54	54	60	65	62	60	56	56	60	64	61	64	64	69	68	64	66	59	56	67	61.1
Conway	Maximum	81	75	83	86	84	84	83	84	84	80	79	79	84	88	86	80	78	78	81	80	82	87	86	85	84	87	86	77	74	85	91	82.6
	Minimum	50	47	51	58	56	69	66	61	62	58	59	52	57	55	59	62	62	53	48	62	65	62	65	63	67	67	63	59	57	51	62	58.9
Corning	Maximum	77	73	82	87	86	87	85	87	84	79	79	83	84	90	88	82	78	78	83	79	83	90	88	88	85	84	84	77	76	83	90	83.2
	Minimum	46	39	46	58	52	66	68	64	61	51	48	46	47	51	57	60	54	46	43	58	64	61	55	61	65	66	62	51	47	48	55	54.7
Crossett§§	Maximum	68	79	..	85	.	80	..	.	89	78	78	83	80	89	84	83	76	82	73	79	78	..	..	81	84	89	83	83	81	86	90	81.6
	Minimum	50	56	51	55	58	61	68	68	61	60	55	54	53	54	62	59	62	58	58	61	62	60	62	65	66	66	64	64	58	55	60	59.5
Dardanelle	Maximum	79	77	87	87	85	85	81	88	86	84	80	84	86	89	85	78	80	82	83	84	85	90	89	85	87	87	86	80	76	84	90	81.2
	Minimum	48	46	54	60	56	68	63	66	63	58	57	53	49	54	57	61	57	50	47	59	67	63	62	66	66	66	59	61	58	52	64	58.4
Dumas	Maximum	87	75	85	76	86	82	80	91	89	79	78	81	87	93	88	82	73	77	81	78	84	84	83	86	86	93	83	79	72	87	95	83.2
	Minimum	52	47	48	54	56	63	67	96	59	48	54	54	52	54	58	60	62	57	55	62	64	60	64	64	66	66	63	60	55	54	55	58.1
Dutton	Maximum	74	75	79	80	76	77	82	81	83	80	76	77	83	81	76	70	71	79	78	77	79	83	68	83	84	83	82	80	70	66	76	77.7
	Minimum	38	40	37	53	55	59	57	56	59	44	38	39	38	46	50	51	39	37	36	41	44	59	58	51	52	62	62	61	43	49	47	48.4
El Dorado	Maximum	80	80	85	84	86	84	82	86	88	80	78	82	86	89	83	81	75	79	82	78	84	86	84	80	83	88	81	83	75	88	92	83.1
	Minimum	56	54	55	58	59	64	68	69	63	61	58	57	55	57	69	66	60	58	55	62	65	62	63	66	67	68	64	66	62	57	64	61.5
Eureka Springs	Maximum	69	72	82	83	77	81	74	85	82	74	78	80	85	87	77	71	78	80	81	84	84	87	87	85	84	86	74	74	71	82	85	80.0
	Minimum	47	43	59	62	57	67	61	62	60	49	45	49	49	64	58	50	45	47	46	53	63	59	60	61	62	65	55	49	53	51	64	55.3
Fayetteville	Maximum	69	70	82	83	79	81	78	84	81	73	77	79	85	86	82	72	76	78	79	83	82	86	86	84	85	84	83	73	71	80	84	79.8
	Minimum	42	43	60	61	58	66	61	63	61	47	44	44	45	58	60	51	42	43	44	48	60	57	57	57	63	65	56	51	53	57	63	54.2
Fort Smith	Maximum	74	75	85	85	82	82	78	84	84	77	78	81	85	87	76	74	77	80	80	84	81	83	87	83	88	88	75	78	67	82	87	80.9
	Minimum	52	51	56	62	61	71	62	67	63	58	52	56	54	59	63	57	54	54	54	59	67	64	65	67	66	66	65	62	59	56	68	60.3
Gravette	Maximum	68	68	83	82	77	79	75	84	79	74	77	81	86	87	81	71	76	79	81	83	83	86	87	86	86	87	81	72	75	63	83	80.0
	Minimum	42	45	67	60	58	66	60	60	60	45	42	42	45	59	59	49	44	49	48	49	58	56	57	59	63	64	52	50	49	52	64	54.0
Helena	Maximum	73	72	72	81	84	83	83	81	84	69	74	76	81	85	84	82	70	76	76	73	81	85	85	84	84	84	78	76	70	83	88	79.5
	Minimum	50	50	52	59	61	63	67	66	57	51	53	62	51	55	63	63	60	55	57	61	63	60	62	61	66	67	63	59	54	51	64	59.1
Highland	Maximum	80	81	83	83	83	81	78	82	85	81	78	82	80	86	80	76	79	80	83	82	82	86	86	84	86	89	86	81	76	83	90	82.3
	Minimum	56	54	57	61	58	66	67	67	63	59	53	59	58	56	62	61	59	56	53	59	64	64	62	64	67	68	62	65	59	55	61	60.6
Hot Springs	Maximum	78	78	86	82	82	83	80	82	88	83	80	83	86	87	87	83	80	80	83	83	83	87	88	88	88	92	88	83	73	85	91	84.0
	Minimum	52	54	58	60	64	66	70	69	62	58	59	54	52	51	60	62	60	60	56	60	68	64	64	66	70	76	72	60	60	60	66	61.6
Jonesboro	Maximum	76	72	81	86	85	85	82	88	85	80	79	81	88	90	85	82	77	77	81	78	82	87	88	88	88	88	84	78	75	84	90	82.9
	Minimum	53	55	48	58	54	65	60	66	63	53	55	51	54	53	65	64	60	56	53	63	66	60	63	62	65	68	63	56	52	53	58	58.2
Lead Hill	Maximum	72	76	89	89	83	85	80	88	80	74	79	82	87	91	88	75	79	79	83	84	84	89	90	88	90	85	77	78	73	85	91	83.0
	Minimum	39	36	48	54	49	60	63	59	57	47	39	42	42	48	51	55	39	88	39	48	60	55	55	56	61	63	60	48	52	47	61	50.7
Little Rock	Maximum	75	74	83	84	82	83	81	82	86	74	77	79	83	87	82	74	75	76	78	75	80	84	84	80	82	86	79	75	66	81	87	79.8
	Minimum	57	54	57	62	61	68	70	59	62	60	58	59	58	62	64	63	60	58	58	65	64	65	65	66	68	61	61	61	57	56	66	61.5
Lutherville	Maximum	75	74	84	84	81	82	76	84	82	77	78	80	83	86	82	68	75	78	80	83	81	85	86	84	85	85	78	80	69	80	89	80.5
	Minimum	52	47	53	63	62	68	61	65	62	54	52	54	52	56	58	60	55	53	50	60	63	63	64	62	67	66	61	59	58	53	63	58.6
Magnolia	Maximum	79	82	86	84	84	85	84	87	86	86	78	82	85	88	87	84	78	77	82	79	84	87	84	85	88	90	87	86	80	89	92	84.4
	Minimum	55	54	57	58	59	63	64	68	63	59	53	52	51	55	54	52	50	50	54	60	64	62	63	65	69	68	63	62	62	55	66	59.0
Malvern	Maximum	80	81	86	85	79	84	75	85	89	85	81	84	89	88	84	79	79	78	85	79	83	89	87	82	85	90	80	79	75	85	89	83.2
	Minimum	49	49	50	55	55	66	69	68	60	54	55	50	49	51	55	63	60	55	51	62	65	62	63	64	67	67	62	61	58	52	63	58.1
Mammoth Spring	Maximum	70	70	82	85	83	84	82	84	82	75	78	75	82	87	83	76	75	78	80	80	78	87	86	86	80	80	79	75	73	78	86	80.0
	Minimum	53	39	44	51	53	65	68	63	61	52	48	41	47	52	53	57	51	46	42	51	64	61	61	60	67	67	63	52	49	48	51	54.0
Marianna	Maximum	77	73	81	82	84	81	83	82	85	78	78	78	79	87	87	80	75	77	80	77	81	85	83	85	91	89	87	79	77	83	90	81.9
	Minimum	49	48	50	56	58	65	69	60	59	56	56	53	51	55	65	62	60	56	55	63	64	66	65	64	67	67	64	61	57	54	60	59.3
Marshall	Maximum	70	70	73	80	81	77	77	83	85	76	77	77	80	81	80	79	71	71	75	75	78	80	82	82	78	78	78	74	73	77	81	77.5
	Minimum	41	36	56	63	60	55	59	60	58	45	47	44	42	50	50	54	46	39	38	48	61	54	54	57	64	61	58	47	51	48	65	52.1
Mena	Maximum	77	81	85	82	81	82	73	84	85	76	75	80	84	86	78	70	76	78	80	80	80	84	86	81	85	87	82	77	70	83	86	80.5
	Minimum	48	50	54	61	59	66	59	66	56	57	50	52	50	56	59	59	56	55	57	57	63	62	60	61	65	63	63	63	57	52	65	58.1
Mount Ida	Maximum	79	79	84	83	82	82	75	86	88	78	78	82	86	87	81	79	71	81	92	81	82	86	87	80	85	88	86	82	68	83	90	82.0
	Minimum	42	39	46	55	53	67	62	63	54	50	50	45	42	42	50	47	55	41	39	50	63	51	45	58	63	65	62	58	52	50	62	52.4
Newport	Maximum	75	73	82	86	85	85	85	88	83	75	80	80	84	90	86	80	77	78	82	79	83	90	88	86	85	85	81	75	75	83	89	82.4
	Minimum	53	43	47	54	53	64	69	64	64	53	58	52	51	55	57	59	61	51	49	62	66	62	61	61	69	66	63	56	53	51	57	57.5
Pine Bluff	Maximum	77	75	82	83	83	85	85	83	85	71	75	77	82	86	83	78	75	77	80	77	82	84	83	81	84	85	81	80	73	81	87	80.7
	Minimum	55	53	53	59	60	66	69	66	60	60	55	58	56	56	64	66	60	58	55	65	65	64	64	65	68	67	63	62	58	58	63	61.0
Pocahontas	Maximum	78	72	81	85	84	85	83	87	85	79	78	80	83	90	87	84	78	77	83	81	80	88	88	86	83	83	92	82	77	81	89	82.9
	Minimum	46	39	45	52	55	65	62	61	60	52	53	60	56	61	53	56	55	52	50	60	65	61	60	60	65	65	60	50	49	50	55	55.6
Portland	Maximum	78	76	82	83	86	87	83	87	87	83	77	80	85	86	86	80	77	78	79	74	81	84	83	82	84	88	84	81	76	84	90	82.3
	Minimum	57	52	49	54	60	60	64	66	60	60	53	56	52	53	59	60	61	57	56	63	64	60	63	65	65	65	61	65	56	56	59	59.2
Prescott	Maximum	82	81	87	85	84	85	83	84	88	87	81	84	88	89	88	80	81	80	83	82	85	87	86	84	88	92	91	85	82	85	92	85.1
	Minimum	50	53	53	59	57	64	66	63	61	58	55	56	52	58	60	63	59	57	51	62	63	62	61	62	67	68	62	61	60	54	64	59.8
Searcy	Maximum	77	72	81	84	83	84	81	84	85	73	79	81	84	88	85	77	77	77	80	78	81	85	86	87	82	85	84	77	71	81	88	81.2
	Minimum	50	45	47	54	52	63	69	63	61	52	57	52	50	52	54	59	59	54	51	63	65	64	61	11	68	64	62	57	55	51	57	57.2
Stuttgart	Maximum	77	74	85	86	86	86	83	88	86	72	79	80	81	88	86	80	74	78	81	76	82	85	85	86	87	89	81	77	71	84	91	82.2
	Minimum	51	48	51	55	58	64	67	67	60	54	57	52	55	56	58	62	59	54	50	63	64	61	60	62	68	65	64	59	55	53	63	58.6
Texarkana	Maximum	81	81	85	84	84	83	78	83	86	80	78	82	87	86	79	79	80	80	82	82	84	87	87	85	88	91	89	89	79	89	91	83.8
	Minimum	52	52	57	59	60	64	66	61	61	58	55	54	52	56	56	60	58	55	49	58	62	60	61	61	66	67	63	64	61	53	61	58.8
Thornburg	Maximum	77	77	84	81	81	83	77	86	86	78	78	80	85	88	82	75	80	80	83	83	82	89	88	83	83	86	79	78	66	81	87	81.6
	Minimum	40	66	53	56	56	67	61	70	58	45	52	42	42	45	53	56	50	38	35	50	64	53	52	59	66	65	60	52	51	43	66	53.8
Warren	Maximum	79	77	84	85	90	90	87	87	87	86	79	82	86	90	96	83	76	80	82	78	84	87	83	81	82	90	89	89	86	84	90	84.9
	Minimum	55	51	54	57	60	64	60	68	61	63	62	57	57	57	62	63	60	58	55	62	64	61	71	64	66	67	62	62	59	54	62	60.9
Wilson	Maximum	76	71	80	87	83	83	82	83	88	81	78	82	82	88	86	84	76	75	80	76	81	85	86	86	86	86	79	73	73	83	89	81.5
	Minimum	50	43	47	57	59	66	68	69	60	52	53	52	51	55	62	63	57	51	53	62	67	60	61	62	67	68	63	56	51	53	59	58.0
Wynne	Maximum	73	71	81	86	86	85	84	85	85	70	77	78	83	88	89	80	77	73	83	77	81	86	86	87	88	88	79	75	72	84	89	81.5
	Minimum	47	42	50	57	55	65	66	67	58	48	52	46	47	54	60	61	56	53	54	62	63	59	62	60	67	66	61	55	59	52	61	56.9

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark 6-22-32-1020

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UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., JUNE, 1932 No. 6

GENERAL SUMMARY

Temperature and precipitation averages were both above normal for June, 1932, this being the second June since 1925 with a positive temperature departure and the first since 1928 with a positive precipitation departure.

Temperatures were above normal for the first eight days of the month and later from the 16th to the 24th with departures as high as 10° above normal in the western portion of the State on the 19th. Although no unusually high temperatures were reported, one person died at De Witt on the 21st from heat prostration. The mean temperature for the State for the 62 stations reporting was 78.9° which is 2.0° above normal, all stations except Marshall for which normals have been computed having positive departures. Monthly means ranged from 72.6° at Dutton to 82.8° at El Dorado. The highest temperature recorded was 103° at Dumas on the 19th and 20th, and at Hot Springs on the 20th; the lowest, 50° at Dutton on the 11th. The greatest daily range was 41° at Mount Ida on the 8th.

The distribution of rainfall during the month was irregular with most of the precipitation occurring during thundershowers. The northeastern portion of the State and counties along the southern border again received the least amount of rain as they did in the preceding month. Rainfall was heavy in west-central and northwestern sections on the first but elsewhere only light and scattered. Showers occurred in most sections from the 8th to the 15th though in the northeastern portion and in southern border counties very little rain fell until the latter part of the month. From the 24th to the 30th showers were reported nearly every day in most sections with a number of stations receiving heavy rains during this period. The average precipitation for the State, based on the reports of 94 stations, was 4.86 inches which is 0.76 inch above normal. Of the stations with records of 10 years or more, 43 showed positive departures and 27 negative. Six stations reported over 8.00 inches and 13 others over 7.00 inches, while 8 received less than 2.00 inches. Monthly totals ranged from 0.75 inch at Blytheville in a northeastern county to 9.15 inches at Center Point in the southwestern portion. The greatest amount measured in any 24-hour period was 5.50 inches at Highland on the 28th. The average number of rainy days was 10 though one station reported 16 and four others 15 rainy days.

The weather was generally very favorable for cotton the first half of the month except that the soil was too dry in some localities in northeastern and southern portions, but the frequent rains the latter half caused rank growth in some sections. Chopping was completed even in most northern portions by the 10th of the month and fields were clean and well cultivated, but the frequent showers and the cloudy weather the latter half caused numerous reports of grassy fields. There was an increase in weevil activity in sections bordering on the Arkansas and Mississippi rivers the latter part of the month but little damage was reported elsewhere. Corn was usually well cultivated during the month and in good condition though fields were becoming grassy the latter portion where rainfall was heaviest. The weather was favorable for meadows, pastures, and truck crops except in a few localities in northeastern and southern border counties where the soil was too dry.

Moderate Hail:—Arkansas City, 9th, considerable damage to crops; Morrillton, 14th, considerable damage to truck crops.

Heavy Hail:—Little Rock 14th, considerable damage to roofs of buildings; Glenwood, 21st, $600 damage to truck crops.

Killed by lightning:—Near Benton on 8th, one; near New Blaine on 24th, one; near Russell on 28th, one; near Carthage on 30th, one.

Damage from lightning on 24th:— Near Cabot, 4 horses killed, loss $300; near Stuttgart, large barn and contents destroyed, loss $1,700.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs							1		1	1				1														1	1		
Light Hail		1	2			2		3						3						1	2										
Moderate Hail									1					2																	
Heavy Hail														1							1										
Thunderstorms	13	8	22	3	2	23	7	23	30	17	9	14	16	35	4		1	8	11	10	39	13	11	39	28	21	23	27	23	24	..

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.86	30.03	23	29.67	16	3,750	21	sw	21	......	......	73
Fort Smith	29.86	30.03	23	29.69	26	4,668	29	se	1	82	59	60
Little Rock	29.89	30.08	22	29.70	8	5,539	30	nw	8	80	60	78
Memphis	29.90	30.08	1	29.69	8	4,612	25	nw	21	77	60	75

COMPARATIVE DATA FOR JUNE

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	76.9		110		35		4.10		14	10	6	8
1891	77.9	+1.0	103	27	56	9	3.71	−0.39	11	11	8	17
1892	76.9	0.0	103	14	40	2	3.87	−0.23	16	10	4	8
1893	76.3	−0.6	99	13	49	8	5.20	+1.10	12	12	6	9
1894	76.6	−0.3	106	30	42	1	1.39	−2.71	17	10	3	4
1895	76.9	0.0	100	2	47	6	5.94	+1.84	12	10	8	10
1896	77.7	+0.8	103	27	48	3	1.91	−2.19	14	10	6	5
1897	78.0	+1.1	106	22	41	1	3.46	−0.64	12	13	5	6
1898	78.7	+1.8	100	25	60	3	4.86	+0.76	8	14	8	11
1899	77.3	+0.4	102	24	50	18	2.74	−1.36	13	12	5	6
1900	76.6	−0.3	100	10	43	4	7.10	+3.00	7	14	9	13
1901	79.4	+2.5	110	29	41	1	1.44	−2.66	16	12	2	4
1902	77.5	+0.6	105	19	42	23	5.27	+1.17	16	9	5	6
1908	70.5	−6.4	99	21	37	12	2.53	−1.57	13	10	7	7
1904	75.3	−1.6	99	13	50	7	7.14	+3.04	11	13	6	10
1905	77.9	+1.0	104	15	44	1	5.90	+1.80	12	10	8	10
1906	76.2	−0.7	101	18	44	22	4.60	+0.50	14	11	5	8
1907	75.2	−1.7	103	24	39	2	4.48	+0.38	14	11	5	8
1908	76.0	−0.9	98	23	46	14	3.85	−0.25	13	11	6	8
1909	76.9	0.0	104	8	49	4	4.08	−0.02	12	12	6	10
1910	74.1	−2.8	99	18	44	12	4.85	+0.75	12	13	5	10
1911	80.9	+4.0	106	7	47	13	2.53	−1.57	16	11	3	6
1912	73.1	−3.8	97	17	42	8	5.83	+1.73	11	12	7	9
1913	77.0	+0.1	103	28	39	12	1.68	−2.42	16	11	3	4
1914	82.3	+5.4	109	28	52	28	1.00	−3.10	19	10	1	2
1915	76.0	−0.9	106	21	45	9	4.92	+0.82	12	9	9	9
1916	75.4	−1.5	99	21	43	8	5.15	+1.05	12	10	8	8
1917	75.2	−1.7	105	30	37	16	4.87	+0.77	18	7	5	6
1918	80.5	+3.6	110	20	49	13	3.55	−0.55	15	9	6	7
1919	76.9	0.0	101	26	45	4	5.11	+1.01	11	10	9	10
1920	74.7	2.2	101	26	42	24	3.41	−0.69	19	6	5	6
1921	78.5	+1.6	103	3	46	8	4.84	+0.74	12	10	8	11
1922	78.6	+1.7	104	14	41	4	2.64	−1.46	16	8	6	7
1923	76.7	−0.2	99	25	46	29	5.20	+1.10	13	11	6	9
1924	78.5	+1.6	105	12	42	2	3.64	−0.46	15	6	9	8
1925	82.3	+5.4	108	20	46	1	2.08	−2.02	17	9	4	4
1926	76.6	−0.3	104	12	42	6	2.60	−1.50	17	8	5	6
1927	76.3	−0.6	104	25	43	16	6.50	+2.40	13	8	9	9
1928	73.5	−3.4	100	19†	40	6	9.44	+5.34	8	9	13	13
1929	76.2	−0.7	102	19	41	4	3.68	−0.42	17	8	5	7
1930	76.4	−0.5	107	26	39	1	0.87	−3.23	22	6	2	2
1931	78.3	+1.4	107	30	35	1	2.60	−1.50	19	8	3	6
1932	78.9	+2.0	103	19†	50	11	4.86	+0.76	12	11	7	10

Corrections, April, 1932

State mean should be 63.8°, departure +2.3°; Highland mean temperature should be 65.6°; Lurton mean maximum temperature should be 67.3°; mean temperature 58.6°.

Climatological Data for June. 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	80.2	+ 3.1	102	21	62	13†	36	4.24	−0.66	1.01	0.0	8	2	25	3	s.	J. W. Campbell
Arkadelphia	Clark	250	36	....	.....	.....	.....	.....	....	.....	5.10	+0.31	1.12	0.0	12	14	12	4	s.	W. K. Bown
Arkansas City	Desha	145	48	....	.....	.....	.....	.....	.....	.....	3.61	−0.25	1.62	0.0	6	16	2	12	.....	Herbert Neff
Arlberg	Stone	700	10	.....	.....	.....	.....	.....	.....	....	6.59	.....	1.73	0.0	11	10	10	10	ne.	J. D. Reeves
Batesville	Independence	277	33	77.2	+ 2.0	96	20	55	12	37	5.21	+1.20	1.83	0.0	8	14	4	12	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	79.4	+ 2.7	99	19†	60	13	34	5.22	+0.94	2.53	0.0	11	10	8	12	s.	J. E. Scanlan
Bentonville	Benton	1303	27	75.2	+ 1.8	92	19	59	11	30	5.28	−0.04	1.75	0.0	16	18	10	2	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	2	.....	.....	.....	.....	.....	.....	.....	1.25	.....	0.35	0.0	6	23	0	7	.....	Harry Johnson
Black Rock	Lawrence	259	30	.....	.....	.....	.....	.....	.....	.....	2.63	−1.25	0.60	0.0	11	21	4	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	7	79.7	.....	97	20†	60	11	27	0.75	.....	0.23	0.0	8	3	4	23	sw	Charles Phillips Jr.
Booneville	Logan	465	18	79.2	+ 1.8	100	18	60	16	36	7.95	+3.54	2.03	0.0	16	9	14	7	s.	F. H. Randolph
Brinkley	Monroe	205	45	79.6	+ 1.8	99	20†	59	11†	33	4.12	+0.55	1.00	0.0	11	14	7	9	ne	R. J. Torry
Calico Rock	Izard	361	28	77.9^{d}	+ 2.1	96^{g}	23†	60	1†	32^{g}	3.53	− 0.52	1.11	0.0	11	2	26	2	sw.	W. J. Copp
Camden	Ouachita	158	47	80.2	+ 2.0	101	19	60	13	35	5.74	+1.40	3.74	0.0	9	11	12	7	sw.	Georgia Quarterman
Carthage	Dallas	....	26	78.6	.....	98	17	59	15	36	8.29	+4.32	4.01	0.0	10	20	6	4	e	C. R. Fewalt
Center Point	Howard	470	33	80.8	+ 2.2	101	8	63	12	32	9.15	+4.96	4.35	0.0	12	11	15	4	sw.	John C. Floyd
Clarendon	Monroe	172	28	.....	.....	.....	.....	.....	.....	.....	5.26	+1.71	2.12	0.0	10	9	6	15	s.	J. W. Bishop
Clinton	Van Buren	516	11	.....	.....	.....	.....	.....	.....	.....	5.42	+1.87	1.13	0.0	11	6	16	8	nw.	A. L. Stephens
Conway	Faulkner	309	49	80.3	+ 2.2	100	23	62	13†	31	4.73	+0.74	1.02	0.0	12	15	9	5	sw.	E. E. Cordrey
Corning	Clay	293	39	79.4	+ 3.7	100	23†	55	12	35	2.10	−2.11	0.84	0.0	9	14	12	4	sw.	Winfred D. Polk
Cotter	Baxter	408	5	.....	.....	.....	.....	.....	.....	.....	4.99	.....	1.35	0.0	10	16	7	7	sw.	O. B. McSpadden
Crosset	Ashley	175	20	81.3^{a}	.....	100^{a}	19	60^{a}	13	31^{b}	1.28	−3.46	0.49	0.0	5	11	9	10	s.	G. A. Gifford
Danville	Yell	327	16	.....	.....	.....	.....	.....	.....	.....	6.02	+1.57	1.21	0.0	12	12	3	15	s.	C. G. Hudson
Dardanelle	Yell	330	46	79.9	+ 1.6	99	23	62	11†	31	6.26	+2.56	1.21	0.0	15	7	17	6	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	.....	.....	.....	.....	.....	.....	.....	4.69	.....	1.32	0.0	11	15	5	10	.....	H. G. Pate
Dumas	Desha	162	26	82.2	+ 3.2	103	19†	62	13	33	5.99	+2.20	2.70	0.0	9	4	18	8	s.	Ben Johnson
Dutton	Madison	1590	29	72.6	+ 1.0	93	8	50	11	39	4.65	−0.91	1.91	0.0	8	11	17	2	s.	J. M. Ricketts
El Dorado	Union	270	31	82.8	+ 3.4	101	19	63	13	31	1.41	−2.48	0.83	0.0	5	1	20	9	sw.	J. J. Babb
England	Lonoke	229	25	78.9^{c}	+ 0.7	98^{c}	20	62^{c}	15	29^{c}	5.50	+1.71	1.15	0.0	11	15^{c}	9^{c}	3^{c}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	75.7	+ 1.7	94	8	58	15	29	7.51	+1.76	1.66	0.0	15	10	16	4	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	76.1	+ 1.9	95	23	59	1†	32	8.64	+4.12	1.89	0.0	14	6	18	6	s.	University of Arkansas
Fort Smith	Sebastian	457	55	79.6	+ 2.1	98	20	63	1	30	7.49	+3.77	2.48	0.0	14	5	16	9	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2210	8	.....	.....	.....	.....	.....	.....	.....	5.64	.....	0.94	0.0	14	14	11	5	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	46	.....	.....	.....	.....	.....	.....	.....	7.14	+3.32	2.82	0.0	10	14	7	9	.....	T. J. Logan
Georgetown	White	200	20	.....	.....	.....	.....	.....	.....	.....	6.44	+2.12	2.61	0.0	8	10	8	12	.....	W. R. Owens
Gilbert	Searcy	675	8	.....	.....	.....	.....	.....	.....	.....	7.53	.....	1.27	0.0	14	13	11	6	.....	S. G. Battenfield
Grannis	Polk	900	13	76.7	+ 1.7	98	20	53	9†	37	4.65	−0.24	1.06	0.0	14	7	19	4	ne.	W. E. McVay
Gravette	Benton	1250	35	75.0	+ 1.6	93	6†	56	1†	34	4.01	−1.63	1.76	0.0	10	8	17	7	sw.	A. F. Stevens
Harrison	Boone	1052	32	75.4	+ 2.4	95	8	57	14†	33	4.89	+0.69	1.00	0.0	12	21	8	1	sw.	Louis R. Keck
Helena	Phillips	250	60	78.8	+ 0.5	99	19	59	11	33	2.67	−1.22	1.40	0.0	7	2	17	11	ne.	James A. Burnett
Higden	Cleburne	445	13	.....	.....	.....	.....	.....	.....	.....	7.05	+2.85	3.27	0.0	15	7	16	7	w.	Geo. W. Baker
Highland	Pike	....	12	80.5	.....	99	23	62	14	30	6.92	+2.85	5.50	0.0	6	11	16	3	s	Tom W. Stewart
Hope	Hempstead	377	61	80.7^{a}	+ 1.9	100^{a}	19†	62^{a}	13	33^{a}	4.26	+0.42	1.57	0.0	7	13^{b}	14^{b}	1^{b}	.....	N. P. O'Neal
Hot Springs	Garland	600	41	82.0	+ 4.2	103	20	62	14	30	3.00	−1.59	0.98	0.0	9	6	19	5	.....	G. C. Bolton
Index.‡‡	Little River	275	7	.....	.....	.....	.....	.....	.....	.....	1.58	.....	0.38	0.0	10	17	3	10	.....	H. G. Sanderson
Jessieville	Garland	750	6	.....	.....	.....	.....	.....	.....	.....	1.84	.....	0.80	0.0	6	8	10	12	.....	U. S. Forest Service
Jonesboro	Craighead	345	37	80.0	+ 2.5	99	24	61	11	32	3.07	−0.86	0.95	0.0	9	10	14	6	sw.	Benedictine Sisters
Lead Hill	Boone	650	26	77.4	+ 2.5	95	19	57	15	33	7.46	+2.67	1.33	0.0	15	18	9	3	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	79.8	+ 2.4	98	20	61	14	25	3.70	−0.06	1.64	0.0	10	4	14	12	s.	U. S. Weather Bureau
Lurton	Newton	2100	7	.....	.....	..	..	57^{d}	14	.....	8.62	.....	2.00	0.0	14	11^{a}	11^{a}	7^{a}	s.	I. C. Sutton
Lutherville.‡‡	Johnson	775	33	77.8	+ 2.0	97	18	60	11†	31	7.06	+2.69	1.30	0.0	12	12	5	13	sw.	H. G. Lenhardt
Madison	St. Francis	....	2	.....	.....	..	.....	.....	.....	.....	4.65	.....	2.10	0.0	6	16	0	14	.....	William G. Hager
Magnolia	Columbia	315	16	82.0	+ 3.0	100	19†	60	13	34	2.69	−0.81	0.87	0.0	8	4	21	5	w.	State Agri. School
Malvern	Hot Springs	277	45	79.8	+ 2.0	99	7†	61	13†	35	6.68	+2.62	1.25	0.0	12	20	7	3	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	27	77.2	+ 8.0	95	24	59	13	32	2.80	−1.67	0.80	0.0	8	17	12	1	s.	S. F. Whittaker
Marianna	Lee	235	20	80.6	+ 2.3	99	19	60	13	28	2.85	−1.17	1.36	0.0	10	11	15	4	nw.	C. N. Houck
Marked Tree	Poinsett	229	27	79.6	+ 1.6	99	19	59	11†	31	3.39	+0.11	1.17	0.0	10	12	15	3	n	Charles Walton
Marshall	Searcy	1070	18	73.8	− 1.7	93	20†	55	7†	30	3.99	−1.09	0.60	0.0	16	7	11	12	s.	A. J. Parks
Mena	Polk	1185	41	77.5	+ 1.1	97	20	60	11†	35	8.47	+3.59	2.54	0.0	13	11	10	9	sw.	E. W. St. John
Morrillton	Conway	347	9	79.2	.....	98	20†	63	14	29	3.99	.....	1.00	0.0	12	8	15	7	sw.	John Cook
Mountain Home	Baxter	800	18	77.0	+ 2.6	97	22	58	15	34	7.16	+2.38	3.40	0.0	11	9	1	20	w.	B. S. Halbert
Mount Ida	Montgomery	650	33	77.6	+ 1.8	101	6	56	16	41	4.84	+0.12	0.89	0.0	15	12	8	10	w.	G. A. Whittington
Newport	Jackson	231	48	79.6	+ 1.8	98	6†	59	13	35	2.92	−0.98	1.03	0.0	9	10	15	5	n.	J. D. Henderson
Norman	Montgomery	750	5	.....	.....	.....	.....	.....	.....	.....	5.54	.....	1.15	0.0	13	11	5	14	.....	U. S. Forest Service
Oden	Montgomery	800	6	.....	.....	.....	.....	.....	.....	.....	4.84	.....	1.42	0.0	14	13	12	5	sw.	U. S. Forest Service
Okay	Howard	288	3	80.2	.....	98	8	59	13	35	4.86	.....	1.71	0.0	11	12	16	2	s.	Charles R. Jackson
Osceola	Mississippi	240	31	81.4	+ 4.1	102	20†	60	11	34	2.26	−1.12	0.80	0.0	12	11	15	4	s.	Charles H. Hampton
Ozark	Franklin	396	37	78.6	+ 0.8	97	18†	60	11	31	7.36	+2.86	1.63	0.0	13	16	8	6	se.	Orkney O. Milton
Paragould	Greene	301	9	.....	.....	.....	.....	.....	.....	.....	1.21	.....	0.32	0.0	8	15	11	4	s.	W. R. Heagler
Parkin	Cross	....	2	.....	.....	.....	.....	.....	.....	.....	4.65	.....	1.26	0.0	12	11	7	12	.....	P. D. Roberts
Patterson	Woodruff	196	16	.....	.....	.....	.....	.....	.....	.....	8.22	+3.31	1.82	0.0	9	21	0	9	s.	W. E. Baker
Piggott	Clay	307	7	.....	.....	.....	.....	.....	..	.....	2.72	.....	1.10	0.0	8	15	7	8	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	79.8	+ 0.6	95	19†	63	15	25	4.42	+0.50	0.78	0.0	11	11	15	4	s.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	78.8	+ 2.4	98	21	57	13	35	1.69	−1.71	0.50	0.0	8	8	13	9	sw.	Benedictine Sisters
Portland	Ashley	122	26	80.4	+ 1.0	98	19†	60	13	31	2.23	−1.17	0.87	0.0	8	10	12	8	sw.	W. E. Edmiston
Prescott	Nevada	329	44	81.0	+ 2.3	100	8†	62	13	33	7.62	+3.82	2.20	0.0	9	11	13	6	s.	Craig Williams
Rison	Cleveland	243	31	81.1	+ 2.5	100	6†	62	15	33	4.79	+1.03	1.55	0.0	5	13	12	5	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	41	75.7	+ 2.4	98	21	57	25	32	3.98	−0.91	1.55	0.0	11	16	6	8	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	.....	.....	.....	.....	.....	.....	.....	....	.....	....	...	..	..	..	..	.....	Ballard Deane
Saint Francis	Clay	290	4	.....	.....	.....	.....	.....	.....	.....	4.63	.....	1.70	0.0	5	17	7	6	.....	S. T. Rooney
Searcy	White	236	22	78.2	+ 1.0	97	23	61	13†	32	6.97	+3.01	1.53	0.0	11	19	5	6	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	25	.....	.....	.....	.....	.....	.....	.....	2.74	−1.06	0.75	0.0	6	10	11	9	.....	Miss Grace Field
Story	Montgomery	700	8	.....	.....	.....	.....	.....	.....	.....	2.51	.....	0.48	0.0	11	11	15	4	s.	S. C. Story
Stuttgart	Arkansas	228	45	79.9	+ 2.1	98	19†	60	13	31	4.47	+0.53	0.97	0.0	10	10	16	4	s.	Adam F. Buerkle
Subiaco	Logan	1050	35	80.0	+ 2.4	100	19†	62	14†	34	4.77	+0.71	1.14	0.0	13	9	19	2	s.	New Subiaco Abbey
Sunset	Washington	....	1	73.3	.....	89	8†	57	14	23	7.71	.....	2.70	0.0	14	11	16	3	sw.	Walter James
Texarkana	Miller	332	46	81.0	+ 1.8	101	8	62	13	37	3.92	+0.36	1.42	0.0	7	19	7	4	s.	H. S. Brashear
Thornburg	Perry	650	11	76.5^{c}	.....	99^{b}	5	56^{d}	15	40^{d}	6.58	+1.47	2.42	0.0	10	9^{b}	15^{b}	4^{b}	s	Edward E. Holmes
Waldron	Scott	675	13	.....	.....	.....	.....	.....	.....	.....	6.56	+2.31	2.05	0.0	12	8	7	15	sw.	Dr. Cheves Bevill
Warren	Bradley	206	38	82.4	+ 3.4	102	21	62	13	32	2.24	−1.55	0.80	0.0	6	16	13	1	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	.....	.....	.....	.....	.....	.....	.....	5.54	.....	1.50	0.0	10	10	9	11	sw.	J. R. Huddleston
Whitecliffs	Little River	290	28	.....	.....	.....	.....	.....	.....	.....	7.02	+3.62	1.53	0.0	11	10	12	8	e.	Nannie O. Schirmer
Wilson	Mississippi	237	7	79.2	.....	100	23	56	11	32	5.14	.....	1.00	0.0	13	3	24	3	s.	D. N. Morris
Wynne	Cross	250	24	78.4	+ 0.4	98	19	57	13	32	2.72	−1.09	1.15	0.0	7	17	10	3	s.	R. T. Cobbs
Yancopin	Desha	167	8	.....	.....	.....	...	.....	.....	.....	4.29	.....	2.81	0.0	10	8	7	15	.....	W. E. Barton
State Means				78.9	+2.0	103	19†	50	11	41	4.86	+0.76	5.50	0.0	10	12	11	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for June, 1932

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
nity	Ouachita									1.01		.10	.71													.25	.30	.14	.81	.92			4 24
kadelphia	Ouachita			.03				T.		.53	.58	.25	.03		.02	1.05							15			.07	.89	T.	.38	1.12			5.10
kansas City	Mississippi			T.							.77				T.	.12		.14								.05	.91	1.62					3.61
iberg	White	.28		.26					.33	1.20					1.03							.52				.30	.33	.25	.36	1.73			6.59
tesville	White				T.						.41				1.13	.51						.47	T.			T.	.08	T.	.06	1.83	.72		5.21
e Branch	Arkansas						.18		.10	.32	.30				.62							.10				.05	.42	.05	2.53	.55	T.		5.22
entonville ***	Arkansas	1.46		.04			.04		.43	T	.01		.07	.05	.06	.02			T.		29	1.46			.78	.02	.20	.33		T.	.02		5.28
g Lake Outlet	St. Francis															.20						.35				.20			.10	.30	.10		1.25
ack Rock	White				.14					.46	.21				.04	.26		T.		.56		.15	.04			.60	.14	.08	T.				2.63
ynesville	St. Francis							T.			.01				.08		T			.09		.23	.06			T.	.10	T.	05		.13		0.75
oneville	Arkansas	1.26					.83			02	.20		.12	.02	.06							.02	.01		.78	.49	.25	.65	.80	2.03	.41		7.95
inkley	White									.04	1.00				.51	.41						.10	.50			.98	.25	.15	.18	.05			4.12
lico Rock	White	.05	.02	T.	1.11			71	T.	T.	.28	T.			.45	.12	T.			T.			T			.03	.28	.09	.38	T.	T		3.53
mden	Ouachita							.14		.30	.49			.05	.11								.20			.42	3.74		.29				5.74
rthage	Ouachita							.72		.03	.01				.70	.02							.40			.40	4.01			1.55	.45		8.29
nter Point	Red	T.		.45						.16			1.71		.01							1.52	.02		.10	.12	.20	.05	4.35		.46		9.15
arendon	White									.70	.75	.01			.72	.25						.02	2 12			.41	.26			.02			5.26
inton	White									.51	.12			.76	1.03	.05						.60			.14			.05	.92	1.13	.11		5.42
nway	Arkansas	08					T.		.10	46	.42				.50	.24						T.				.50	.04	.45	.64	1.02	.28		4.73
rning	White			.10	.65						03				.02	.84				26			.02			.08	T.	.10	T.		T.		2.10
iter	White	.72	06							.27	T.	T.			.86	.15				.28		T.				.10	1.35	.80	.40				4.99
ossett	Ouachita										.11			T.	.33											.27	.49				08		1.28
nville	Arkansas		.41	23					.06	.97	.15	.16			.58								.07			.48			.77	.93	1.21		6.02
rdanelle	Arkansas	.01	.27	.06				.40		.65	.41	.06			.60								.14			.85	.41	.12	.64	.53	1.21		6.26
Valls Bluff	White									.10	1.32				.35	.70						.08	.71			.71	.23	.11	.20		.18		4 69
enas	Mississippi	T.	T.	T.				T.	.04	.50	1 88				.45	.07							T.			.30	2.70	.08	T.	.02			5.99
tton	White	1.03	T.	.10			.03			T					.51											T.	.49	1.91	.23	.35	T.		4.65
Dorado	Ouachita		T.							.04			T.			.15							T.	T.		.03	.83			.36			1.41
ngland	Arkansas		T.				T.			.42	.50				.79							.80	.22		.90	1.15	T.	.40	.10	.02	.20		5.50
reka Springs	White	1.52						.05		1.34	.04	.10			.22	.11					.10	.17	.13		1.66		.81	1.31	.03	.42			7.51
yetteville	White	1.89					T.		1.80	.12	.04	T	T.		.38						.01	.11			1.04	.04	1.37	.76	.91	.04	.13		8.64
rt Smith ***	Arkansas	2.48	.20	.33			T.		.08	.01			.01	.02	T.							T.			.53	.55	.23	1.03	.06	.92	1.04		7.49
eeman Sprgs	Arkansas	.26		T.				.12		.41		.39	.21		.45	.34							.30			.91	.18	.66	.37	.94	.14		5.68
lton	Red	T.	T.	33						.23	T.	.05	2.82		T.	T.						.04	.73			1.10	1.05	T.	.75	.04			7.14
orgetown	White										2.61				1.00							.58	.60			.92	.25		06	.42			6.44
lbert	White	.46		T.			T.	T.	.13	.27	18	1.05			.18		.22						.17			1.20	1.27	.96	1.02	.13	.29		7.53
annis	Red	.57	.12	.10						.05		.03	.03		T.							T.	.86		72	.21	.05	.14	1.06	.45	.26		4.65
avette	Arkansas	1.76				.10			20	.08					.44				.08		.23	.42			33		.37						4.01
arrison	White	1.00	.05							.87	.31				.90	.18						.06			.30	.13	.17	.28		.64			4.89
elena	Mississippi										1.40				.03	.30										.03	.68	.20		.08			2.67
glen	White	T.	.02	.02				3.27	.06	T.	.04	.48		T	.44							.05	.28		.01		.28	.25	.82	1.02	.01		7.05
ghland	Ouachita											.10	.59									.04				.58			5.50		.11		6.92
pe	Red			05						.66			.38									.40			.40	.80			1.57		T.		4.26
t Springs	Ouachita						.04			.14					.98							.18				.12	.06	.45	.98	.05			3.00
dex	Red			.04						23	.08		.06											.02	.03	.38	.23		.28	.23			1.58
ssieville	Ouachita		.40		T.		T	.01				.80											.38					.09	T.	.16	T.		1.84
nesboro	White				.95					T.	T.				.24		T			T.		.41	.05			T.	.18	.24	.45	.25	.30		3.07
ad Hill	White	.76	.04	T			.78		.75	.41	1.33			T.	.76				T.	.32		.18			.28	.45	.11	.81		.05	.43		7.46
ttle Rock ***	Arkansas	T.	T.	T.			T.	T.	.06	.16	13			T.	1.64							.20			.09	.96	.02	.18	.26	T.	T.		3.70
rion	White			.01			.01		1.89	.03	.39	T.		T.	.65							.12			.91	.80	2.00	.67	.72	.50	.01		8.62
therville	Arkansas	.48	T.						1.20		.88				1.30							.20			.68	.15	.20	.12	1.13	.67	.05		7.06
adison	St. Francis										1.50	T.			T.	.12						2.10			T.		T.	.38	T.	.10	.45		4.65
gnolia	Red									.20												.44			.08	.87	.17	.13	.73		.07		2.69
alvern	Ouachita							.03		.40	.14	.01			.43	1 10							1.25			.26	1.10		1.20	.56	.20		6 68
ammoth Spg.	White	.25			T.				.28		.15				T.	.43	T.				T.			.80			.15	.24	.50				2.80
arianna	St. Francis									.16	.17				.06	.41						.05			.15	.47	.01		.01		1.36		2.85
arked Tree	St. Francis									.24	.67				.07							1.17	.12				.03	.13	.64	.12	.20		3.39
arshall	White	.13	T.	.05			.05	T.	T	.40	.42	.03		.22	.50	.07				T.		.02			.05	.60	.36	.40	.37	.32			3.99
ena	Ouachita	.65	.13					.01		.23	T.		2.54									.09	.22			.56	.05	.96	1.26	.69	1.02		8.47
orrillton	Arkansas			.05				.15		.30	.38	.08			.55	.12							T.				.50	.26	.86	.24	1.00		3.99
ountain Home	White	.37					.41	.65	T	.10					.50					.10					.12	.93	.27	.31		T.	3.40		7.16
ount Ida	Ouachita	.34		.51			.06		.10			.89	.34		.04							.21			.10	.10	.12	.89	.48	.55	.11		4.84
ewport	White									.33					.22	.05						1.03				.02	.01		.05	.37	.84		2.92
rman	Ouachita		.12	1.15						.90	.30	.46	.75										.04	T.	.30	.08		.65	.28	.25	.26		5.54
len	Ouachita		.51	.12					.06			.20	.12										.11	.15	.97	.17	.26	.24	1.42	.39	.12		4.84
ay	Red			T.						.76		.27	.67		.02							.56	.08		.08	.31	.20	.17	1.74				4.86
ceola	Mississippi			.06				.22	T.	.80	.08				.08					T.		.20	.18				.12	.06	.18	.20	.08		2.26
ark	Arkansas	1.35	.04	.05			.03	T.		T.		1.00	T.		.49	.12										.40	.20	.76	.49	1.63	.80		7.36
aragould	St. Francis				.32						.13				.18	.05				.11		.19			T.		.01	.22		T			1.21
rkin	St. Francis				.45					.02	.75				.07	.05						1.26	.09			1.24	.10	.04	.23	.35			4.65
tterson	White									.85	1.08				1.52							1.82	.49			.09			.42	1.40	.55		8.22
ggott	St. Francis		T.	.54	.07										1.10					.23						.23	.05	.04	.46				2.72
ne Bluff	Arkansas		T.							.55	.49	.03			.33	.05							.78			.48	.54		.48	.59	.10		4.42
cahontas	White									.06					.04					.50		.04			.32	.12	.17				.44		1.69
rtland	Ouachita										.29			.02	.16	.43										.20	.87	.01			.25		2.23
escott	Ouachita									1.18	.07		.60			.02							.14			1.76	.90		2.20		.75		7.62
ison	Ouachita										1.04				.40								1.55			.40	1.40						4.79
ogers	White	1.55							.52	.18	.25		T.		.06	.11					T.	.02			.38	.05	.58	.28					3.98
. Charles	White																																
. Francis	St. Francis	T.		.10	1.70					.62	T.					.81				T.						T.	.12	T.	1.28				4.68
arcy	White							.28		.87	1.53				.49	.08							.22			1.22	.13		1.27	.41	.47		6.97
ringbank	Red		T.	.66						.11			.04		T.								.68	T		.50	.75	T.	T.	T.			2.74
ory	Ouachita	.22	.32							.08		.15	.12	.48												.19	.20		.15	.25	.35		2.51
uttgart	Arkansas									.10	.46				.37	.44						.97	.87			.19	.80			.04	.23		4.47
ubiaco	Arkansas	.80	T.	T.			.01			.03	.07				.10							.64			.50	.05	.14	.49	.60	1.14	.20		4.77
nset	Arkansas	2.70	T.	.01			.40			T.	T.	.02	T.		.52	.04					.06	.92			1.13	.08	1.05	T.	.57	.06	.15		7.71
exarkana	Red			.22						1.33	.10		.30										.22			1.42	.33						3.92
hornburg	Arkansas	.06	.05				.45			2.42	.21	T.		1.42							.04				T.	.74	.19	1.00	T.				6.58
aldron	Arkansas	.84		.03	T		T.		T.	.08	.03	T.	.39		T.							.20			1.06	T.	.06	.82	.42	2.05	.58		6.56
arren	Ouachita	T.								T.	.10			.44								.57		.13		T	.80	.20					2.24
aters	Ouachita		.75									.09	.48										.19			.82	.48	.52	1.50		.71		5.54
hitecliffs	Red	T.		.38	T.					1.08	.25		.82		.24	.12							1.53		T.	.40	T.	.62	1.26	.32			7.02
ilson	Mississippi							.40	.14	.12	.51				.26					.05		1.00	.16			T.	.28	.82	.58	.85	.47		5.14
ynne	St. Francis										.50				.18							1.15	.26				.26	.10		.27			2.72
ancopin	Arkansas			.02						.11	.28				.23	.13							T.			.08	2.81	.43	.10	.10			4.29

Daily River Stages for June, 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	4.4	6.4	7.6	10.6	10.7	11.3	9.8	11.7	10.6	10.8	11.9	10.9	10.6	9.6	9.4	9.3	9.4	9.7	8.7	9.0	8.4	8.6	7.3	10.6	14.3	15.8	15.2	14.3	15 2	18.4	
zark	do	22	0.6	2.0	2.7	5.6	6.8	8.3	7.0	7.7	7.8	6.9	8.2	7 9	7.0	6.4	6.8	5.7	5.4	6.1	5.5	4.9	5.0	4.6	4.4	3.4	7.9	11.6	11.7	11.0	10.2	13.0	
ardanelle	do	20	3.9	3.9	4.8	5.7	8.4	9.2	10.3	9.0	10.1	9.8	9.3	10.4	9.9	9.3	8.7	8.3	8.1	7.9	8.5	8.0	7.5	7.5	7.4	7.0	6.0	11.6	13.3	13.1	12.8	13.7	
orrillton	do	20	0.2	0.2	0.2	1.0	1.8	5.3	6.6	6.3	5.9	6.9	6.1	6 5	7.1	6.2	5.5	4.7	4.5	4.3	4.3	4.8	3.8	3.7	3.3	3.4	2.5	5.3	10.2	10.6	10.4	10.6	
ittle Rock	do	23	0.4	0.3	0.2	0.3	1.1	2.4	5.3	6.9	6.3	6.5	7.2	6.5	7.0	7.1	6.3	5.7	5.1	4.7	4.5	4.6	4.8	4.1	4.0	3.6	3.6	2.9	7.0	10.8	11.0	10.8	
ine Bluff	do	25	5.7	5.4	5.3	5.2	5.7	6.1	7.6	10.0	11.4	10.7	11.0	10.9	10.8	11.6	11.5	10.7	10.2	9.7	9.5	9.2	9.2	9.4	8.9	8.7	8.7	8.4	8.0	12.7	14.9	15.0	
ancopin	do	29	10.4	9.9	9.4	8.8	8.6	8.4	8.7	10.1	13.5	15.3	15.1	15.4	15.7	15.4	15.9	15.8	15.2	14.5	13.8	13.3	13.0	13.2	13.4	12.8	12.6	12.5	12.3	11.9	17.2	19.4	
anville	Petit Jean	20	2.4	2.4	3.8	3.3	2.9	2.7	2.4	3.2	3.0	2.6	2.7	2.5	2.1	2.3	3.1	2.3	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.4	4.5	3.3	2.1	2.4	3.5	15.6	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.8	3.2	5.8	6.8	5.4	4.8	4.4	4.4	4.1	4.1	4.1	4.8	4.7	4.2	4.4	4.3	4.1	4.0	4.0	3.8	3.5	3.5	4.1	4.0	4.0	4.2	4.2	4.2	5.1	8.0	
Calico Rock	do	18	0.4	0.5	3.7	4.1	4.2	3.3	2.5	2.4	2.3	1.8	1.8	2.9	3.0	2.4	3.1	2.5	2.6	2.3	1.9	1.7	1.4	0.7	0.5	0.6	1.5	2.4	2.1	3.7	4.2	5.4	
Batesville	do	23	5.3	5.2	5.2	8.6	9.8	9.0	8.1	7.4	7.4	7.4	6.8	7.0	8.1	8.1	7.6	7.9	7.4	7.7	7.3	6.9	6.4	6.2	5.5	6.2	6.3	7.9	7.2	7.2	8.6	9.6	
Newport	do	26	1.9	1.6	1.5	1.6	3.8	5.1	4.4	3.7	3.2	3.2	2.9	2.7	2.8	3.5	3.5	3.5	3.5	3.2	3.1	2.8	2.8	2.4	2.0	1.7	2.0	2.1	3.2	2.8	3.4	4.4	
Georgetown	do	22	2.6	2.6	2.4	2.1	1.9	2.9	4.7	5.3	5.2	4.8	4.4	4.1	3.9	3.7	3.9	4.3	4.3	4.7	4.7	4.4	4.2	3.9	3.6	3.2	2.8	2.5	2.5	3.1	3.5	3.9	
De Valls Bluff	do	24	6.5	6.6	6.6	6.5	6.3	6.2	7.0	8.4	9.1	9.3	9.0	8.7	8.4	8.1	8.0	8.2	8.5	8.6	8.8	8.8	8.7	8.5	8.1	7.7	7.5	7.1	6.9	6.8	7.2	7.6	
Clarendon	do	30	9.5	9.6	9.7	9.6	9.4	9.2	9.4	10.4	11.4	11.8	11.8	11.7	11.4	11.2	11.0	11.0	11.1	11.3	11.5	11.6	11.5	11.4	11.1	10.8	10.6	10.3	10.0	9.8	9.9	10.3	
Gilbert	Buffalo	30	3.0	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.0	3.2	3.0	3.0	3.0	3.6	3.4	3.1	2.9	2.9	2.8	2.8	2.8	2.8	3.4	4.5	7.6	6.0	5.8	6.5	
Black Rock	Black	14	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.5	3.0	2.6	2.5	2.3	2.0	1.8	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	
Arkadelphia	Ouachita	12	-0.7	-0.7	1.9	1.0	-0.6	-0.7	-0.7	-0.2	-0.1	-0.2	-0.6	-0.7	-0.5	-0.6	0.0	-0.8	-0.8	-1.0	-1.0	-1.0	-1.0	-1.0	-0.6	-1.0	-0.8	-0.6	-0.6	-0.8	0.2	-0.4	
Camden	Ouachita	30	5.4	5.4	5.1	5.0	6.4	6.2	5.8	5.1	5.0	5.1	5.3	5.2	5.1	5.0	4.7	4.7	4.7	4.6	4.6	4.3	4.2	4.2	4.1	4.1	4.1	4.7	5.0	5.6	5.5	6.7	
Fulton	Red	28	8.2	8.4	8.8	10.0	13.0	13.2	12.9	13.4	12.6	11.1	10.2	11.6	14.3	14.4	14.6	14.1	13.0	11.9	11.4	11.1	11.5	11.7	10.6	9.6	9.0	8.5	8.3	8.5	10.0	15.0	
Helena	Mississippi	44	14.2	13.3	13.0	12.8	12.3	12.3	12.7	13.3	13.9	14.4	14.8	15.1	15.7	16.1	16.3	16.1	15.8	14.6	14.2	14.4	14.6	15.0	15.3	15.6	15.8	16.0	16.3	16.3	16.8	17.2	
Arkansas City	do	48	19.7	17.4	15.5	14.5	14.0	13.6	13.3	13.4	14.1	15.3	16.4	17.0	17.5	18.0	18.5	18.8	18.8	18.3	17.5	16.9	16.7	16.7	17.0	17.3	17.5	17.8	18.2	18.0	18.2	19.4	

Daily temperatures for June, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	89	89	89	92	94	96	99	101	82	88	89	83	90	90	91	95	93	96	99	101	102	98	101	91	83	88	90	83	87	90		92.0
	Minimum	68	69	69	68	69	68	65	65	65	65	63	65	62	65	63	62	67	76	73	74	72	71	71	74	71	72	70	70	70	73		68.5
Bee Branch	Maximum	87	91	92	92	94	96	96	94	88	86	87	88	92	90	90	94	93	96	99	99	94	99	98	96	86	90	86	88	81	91		91.8
	Minimum	66	70	69	64	64	66	62	68	64	64	65	61	60	62	61	62	70	70	73	71	63	66	70	75	71	73	71	71	71	70		67.1
Bentonville	Maximum	81	83	82	85	88	85	89	91	76	82	82	84	84	80	83	90	91	88	92	82	86	87	90	85	85	77	85	88	87	84		85.1
	Minimum	59	68	67	63	65	64	61	63	62	62	59	62	61	59	59	60	73	75	68	67	64	65	67	68	69	68	70	69	72	73		65.4
Blytheville	Maximum	88	89	88	90	92	92	93	92	84	84	86	85	84	90	84	91	94	95	95	97	95	96	96	97	90	85	90	88	87	91		90.3
	Minimum	65	71	69	70	68	68	69	69	67	66	60	61	63	66	63	65	72	78	74	72	68	73	73	71	70	74	77	72	71	68		69.1
Booneville	Maximum	86	86	84	89	90	90	93	97	87	89	82	88	91	88	89	96	94	100	99	98	93	95	97	94	91	88	86	86	88	87		90.7
	Minimum	61	71	70	68	67	67	63	66	68	63	61	66	63	62	63	60	72	73	74	72	67	66	69	70	72	69	72	71	69	72		67.6
Brinkley	Maximum	89	90	91	92	94	97	95	95	90	84	86	86	91	88	87	94	95	93	98	99	99	99	98	99	80	90	90	87	89	91		91.9
	Minimum	63	69	68	63	61	65	64	66	69	65	59	60	59	64	60	63	70	77	72	71	68	67	72	68	72	72	76	72	71	72		67.3
Calico Rock§§	Maximum	85	91	90	90	92	95	89	91	81	84	87	88	91	87	87	..	..	..	..	..	.	..	96	96	85	91	89	90	89	96		89.7
	Minimum	60	64	66	64	64	63	63	65	65	66	65	60	61	63	60	62	63	71	70	70	68	65	68	69	70	72	73	72	71	70		66.1
Camden§§	Maximum	89	93	92	93	94	96	95	98	87	87	90	83	91	92	93	98	97	98	101	99	100	96	98	97	86	89	88	85	90	90		92.8
	Minimum	66	69	69	63	63	64	64	65	66	66	61	67	60	65	62	63	68	74	72	69	72	65	69	74	71	72	74	73	70	73		67.7
Carthage§§	Maximum	87	89	89	91	92	97	94	94	84	85	86	85	91	88	90	95	98	95	97	97	97	94	95	95	81	90	88	85	90	96		91.0
	Minimum	61	65	67	68	62	62	63	64	64	61	63	64	60	61	59	62	62	82	71	70	71	66	66	73	70	71	73	73	69	71		66.2
Center Point	Maximum	89	89	87	90	91	96	99	101	86	90	90	85	91	91	93	95	94	96	97	99	98	95	97	89	83	87	89	87	90	91		91.8
	Minimum	70	70	69	69	72	72	67	71	66	65	64	63	64	66	64	71	74	74	75	74	67	67	73	73	71	76	71	71	74	74		69.9
Conway	Maximum	88	93	91	91	94	96	96	94	89	88	87	88	92	89	89	94	93	98	98	98	95	97	100	95	82	90	89	89	85	88		91.9
	Minimum	65	69	72	66	66	68	65	68	66	66	65	66	62	62	64	63	72	75	74	73	73	67	71	73	72	73	72	71	71	71		68.7
Corning	Maximum	88	90	91	90	92	97	95	95	86	89	91	86	92	87	85	92	94	98	93	96	92	99	100	100	90	91	90	94	92	95		92.3
	Minimum	62	68	67	64	62	66	65	66	64	64	57	55	57	62	61	62	68	74	69	74	70	68	70	70	71	71	75	71	69	70		66.4
Crossett§§	Maximum	89	90	92	92	94	95	95	98	92	86	89	84	91	92	92	95	96	97	100	98	98	96	99	98	86	91	..	93	94	93		93.3
	Minimum	67	70	66	68	65	67	68	68	70	68	65	65	60	66	65	66	71	74	71	75	71	68	73	75	72	73	75	..	74	72		69.3
Dardanelle	Maximum	89	89	87	91	92	93	94	96	85	86	87	88	90	89	88	91	94	97	98	98	94	96	99	96	87	90	85	87	85	85		91.0
	Minimum	64	71	67	67	68	67	64	68	66	65	62	67	63	62	66	63	73	74	76	73	72	67	71	72	73	74	73	71	71	73		68.8
Dumas	Maximum	91	94	93	94	97	97	96	98	89	85	86	87	94	94	90	98	99	100	103	103	97	96	98	102	89	95	95	90	94	96		94.7
	Minimum	68	68	69	65	61	66	66	70	69	67	66	63	62	65	65	65	75	74	76	74	75	58	73	75	72	72	75	75	73	74		69.6
Dutton	Maximum	80	81	83	84	79	84	92	93	83	82	81	82	81	83	84	85	87	90	92	90	91	90	89	87	85	79	81	84	82	81		84.8
	Minimum	53	58	64	68	62	59	58	54	60	59	50	57	55	51	52	53	55	54	62	61	66	64	70	68	67	67	67	66	68	65		60.4
El Dorado	Maximum	89	90	91	92	94	96	95	100	93	88	91	85	94	93	95	97	96	98	101	100	99	94	98	97	87	91	92	90	92	93		93.7
	Minimum	69	70	71	68	68	70	68	71	69	68	67	68	63	70	70	68	75	77	77	75	76	70	75	77	74	73	77	77	75	77		71.8
Eureka Springs	Maximum	81	82	82	85	88	86	90	94	83	83	82	85	82	81	83	90	91	89	92	89	88	90	92	91	86	83	82	87	86	82		86.2
	Minimum	59	66	67	64	66	67	63	65	61	61	59	61	61	59	58	62	71	77	67	66	64	61	68	68	67	69	69	68	69	71		65.2
Fayetteville	Maximum	83	82	82	85	87	86	92	93	77	84	84	86	84	82	85	90	92	90	94	92	87	91	95	87	86	82	81	85	84	85		86.5
	Minimum	59	68	69	63	65	68	60	63	61	61	61	64	60	59	59	60	75	76	68	71	66	66	65	68	69	68	68	69	72	71		65.7
Fort Smith	Maximum	86	88	82	88	89	89	92	95	82	87	88	88	88	84	87	95	94	97	97	98	90	95	97	83	90	88	86	85	89	87		89.5
	Minimum	63	72	70	71	71	67	67	69	67	66	64	68	66	65	65	65	75	77	78	75	70	70	73	74	70	69	71	73	72	71		69.8
Gravette	Maximum	80	83	86	88	87	93	92	78	82	85	85	86	86	81	85	89	92	93	93	90	85	90	93	85	87	84	89	89	85	85		86.9
	Minimum	56	60	64	63	61	59	62	60	59	58	57	60	61	58	56	59	72	73	68	66	61	60	65	67	64	65	67	69	71	72		63.1
Helena	Maximum	84	89	90	90	92	97	95	80	84	84	82	79	89	87	85	90	89	93	99	95	95	95	91	98	81	85	90	88	87	92		89.3
	Minimum	68	69	70	67	65	65	65	64	67	67	59	60	60	66	62	65	72	75	75	74	71	62	72	73	71	71	75	77	71	72		68.3
Hope	Maximum	90	91	91	94	93	..	95	98	84	88	90	83	90	91	93	98	97	98	100	100	93	95	97	94	86	93	91	89	91	92		92.6
	Minimum	68	73	68	63	68	..	64	65	68	64	64	65	62	66	61	65	74	75	74	73	72	66	70	72	72	73	73	69	72	72		68.8
Hot Springs	Maximum	88	89	91	88	91	82	96	98	82	90	81	88	93	88	91	94	95	98	98	103	94	91	101	92	87	92	92	87	89	85		91.1
	Minimum	72	76	78	67	70	70	66	70	68	70	78	66	70	62	64	68	78	78	78	84	76	72	73	78	74	76	78	78	74	74		72.9
Jonesboro	Maximum	85	90	93	91	94	95	94	94	83	87	88	84	94	85	86	91	93	96	98	98	93	96	98	99	81	94	87	90	85	90		91.2
	Minimum	64	67	67	65	65	69	68	70	68	67	61	62	62	64	62	65	70	79	71	72	68	75	75	75	71	72	76	73	70	72		68.9
Lead Hill	Maximum	87	89	89	91	92	94	90	93	77	83	85	88	87	83	84	93	92	93	95	91	90	94	94	93	88	90	87	89	91	90		89.5
	Minimum	61	67	73	65	63	62	59	64	64	65	62	60	60	64	57	60	67	69	67	67	66	64	67	68	70	71	71	70	70	69		65.4
Little Rock	Maximum	85	88	87	90	91	93	92	93	81	83	85	85	89	86	85	92	92	93	96	96	92	91	95	93	77	88	85	84	85	90		88.7
	Minimum	72	71	72	72	70	71	68	68	67	66	68	69	68	63	63	69	74	76	78	75	71	70	74	73	72	72	76	74	73	72		70.9
Lutherville	Maximum	84	85	86	89	86	90	91	94	79	78	85	88	84	81	86	91	90	97	94	95	86	95	95	91	87	88	83	86	83	84		87.7
	Minimum	63	70	66	67	78	78	63	65	63	63	60	64	62	60	62	63	73	74	75	71	69	64	71	70	70	72	72	70	70	70		67.9
Magnolia	Maximum	92	92	93	93	94	95	95	99	98	94	91	93	94	94	94	98	97	98	100	100	100	95	98	96	89	90	91	90	93	92		94.6
	Minimum	70	69	71	65	67	67	66	66	64	63	65	68	60	68	62	68	75	76	75	72	70	67	74	75	72	72	75	73	74	74		69.1
Malvern	Maximum	85	92	88	91	95	95	99	97	86	86	87	90	91	88	90	94	93	91	96	99	95	94	98	92	81	85	89	88	88	89		91.1
	Minimum	70	72	73	65	65	65	64	69	67	65	63	66	61	64	61	62	73	72	73	71	68	67	71	75	72	73	72	72	72	73		68.5
Mammoth Spring	Maximum	82	86	87	90	93	94	92	91	83	83	85	84	89	85	80	89	90	93	90	90	89	91	94	95	80	87	86	86	87	87		87.9
	Minimum	63	63	69	63	64	62	64	64	64	63	62	63	59	63	61	61	67	76	67	72	70	67	69	70	72	71	74	71	71	70		66.5
Marianna	Maximum	89	89	89	89	93	94	94	93	89	85	85	85	86	86	86	93	91	92	99	98	95	95	98	95	91	97	90	97	88	86		91.2
	Minimum	67	70	71	68	65	66	69	69	70	68	62	65	60	66	63	65	72	78	74	73	71	74	74	75	72	73	72	78	73	71		69.9
Marshall	Maximum	84	83	87	84	87	87	85	85	81	75	78	81	81	79	81	85	85	89	91	93	85	86	93	92	87	85	77	77	85	85		84.4
	Minimum	60	68	66	64	63	59	55	60	61	60	60	57	56	58	55	57	71	74	67	68	63	69	64	67	68	65	70	68	67	67		63.3
Mena	Maximum	86	87	83	89	90	90	92	95	88	87	86	84	87	86	87	95	93	95	96	97	93	89	92	85	86	86	82	83	86	86		88.7
	Minimum	61	69	70	66	66	67	61	69	64	61	60	62	60	62	61	60	72	75	70	72	67	63	68	67	68	72	68	69	68	70		66.3
Mount Ida	Maximum	86	86	81	89	100	93	95	101	80	89	89	84	89	80	91	94	93	95	96	99	94	96	98	87	88	85	85	81	84	89		90.0
	Minimum	62	70	67	63	63	65	59	60	65	61	60	64	57	61	58	56	73	77	68	66	66	64	65	71	69	72	69	69	69	69		65.3
Newport	Maximum	84	89	90	92	94	98	95	95	82	88	89	85	94	85	87	92	93	95	97	98	90	94	97	97	85	90	87	90	80	92		90.8
	Minimum	65	68	68	64	63	66	67	69	66	66	60	61	59	65	62	63	71	76	74	71	69	69	73	74	73	72	77	73	71	70		68.3
Pine Bluff	Maximum	85	87	88	89	90	92	91	93	88	81	84	85	88	86	85	92	92	91	95	94	95	91	92	94	81	89	87	83	85	90		88.8
	Minimum	70	70	70	69	67	70	68	71	68	68	68	66	65	65	63	67	74	77	76	75	75	69	76	75	73	73	76	73	72	74		70.8
Pocahontas	Maximum	85	90	90	92	94	96	94	94	83	88	89	87	92	84	85	92	94	97	93	96	94	96	97	98	84	90	90	90	88	91		91.1
	Minimum	62	63	65	63	62	66	65	65	65	65	60	61	57	63	65	61	66	73	66	72	68	67	72	74	71	71	75	72	70	69		66.5
Portland	Maximum	89	90	88	89	91	95	94	96	91	86	87	83	91	90	90	95	94	95	98	98	96	94	96	96	88	89	92	93	91	92		92.0
	Minimum	67	68	67	64	63	68	68	70	71	68	65	61	60	65	64	66	70	74	74	72	71	69	72	73	71	72	73	75	72	72		68.6
Prescott	Maximum	90	91	90	93	94	95	96	100	94	88	87	89	90	90	93	98	97	97	99	99	100	93	97	94	86	91	86	88	92	94		93.0
	Minimum	70	69	70	65	67	63	66	68	67	65	65	64	62	67	65	65	74	76	74	73	73	67	72	70	71	72	74	69	72	74		69.1
Searcy	Maximum	84	89	89	91	92	94	95	93	82	85	88	84	90	84	87	90	91	94	95	95	92	92	97	95	79	88	85	87	82	83		89.3
	Minimum	64	67	66	64	63	66	63	68	67	66	63	63	61	64	61	63	68	72	72	72	71	67	71	71	70	71	73	70	71	64		67.2
Stuttgart	Maximum	88	90	91	92	94	95	94	95	88	83	86	84	91	89	86	94	91	93	98	98	93	95	96	98	79	91	88	83	87	90		90.8
	Minimum	67	70	69	66	70	68	65	67	67	68	64	63	60	63	63	64	72	71	74	74	69	69	74	75	72	72	75	74	72	73		69.0
Texarkana	Maximum	91	92	91	91	92	96	98	101	94	90	90	85	90	94	94	97	96	98	98	98	98	96	97	96	85	90	90	90	92	92		93.4
	Minimum	69	68	69	65	65	68	65	64	64	65	65	65	62	66	63	67	75	74	74	73	73	65	72	72	70	72	73	73	74	72		68.7
Thornburg	Maximum	86	86	88	90	99	91	93	98	80	83	85	90	86	86	90	89	95	95	95	90	92	98	94	90	80	87	85	85	..	..		89.5
	Minimum	66	70	60	60	59	59	59	61	61	62	59	57	59	61	56	71	70	68	66	68	61	63	68	68	69	71	..	..	..	..		63.5
Warren	Maximum	89	90	90	91	94	97	96	99	99	87	89	88	92	92	90	98	98	98	100	101	102	100	97	97	98	93	91	87	91	93		94.2
	Minimum	68	69	71	69	66	69	68	72	69	68	65	65	62	65	66	67	74	76	78	77	77	68	75	77	72	72	75	72	72	75		70.6
Wilson	Maximum	88	89	91	90	92	95	93	93	84	84	85	85	89	91	87	92	92	94	94	99	95	98	100	96	94	84	98	85	84	83		90.8
	Minimum	64	69	69	67	65	68	65	66	69	62	56	57	57	62	61	63	71	76	72	72	67	67	72	72	73	72	76	74	70	71		67.5
Wynne	Maximum	86	90	91	90	93	95	93	91	85	82	84	86	89	82	84	92	93	93	98	97	93	94	91	91	91	89	93	90	85	90		90.1
	Minimum	64	67	70	64	63	64	62	64	65	64	58	63	57	63	59	60	71	76	70	71	65	67	71	72	70	71	75	70	69	70		66.6

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark 7 26-32-1020

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
ARKANSAS SECTION
3
HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., JULY, 1932 No. 7

GENERAL SUMMARY

Although no unusually high temperatures were recorded during July, two persons died from heat prostration on the 15th near Pine Bluff, one near Blytheville on the 16th, and one near Berryville on the 21st. From the 10th to the 16th considerable loss of livestock was reported as directly attributable to the heat. In Mississippi County over 100 mules died, in Faulkner County 15, and a large number in Phillips County. The mean temperature for the State, based on the reports of 63 stations, was 82.5° which is 2.3° above normal, all stations except three for which normals have been computed showing positive departures. Monthly means ranged from 78.0° at Dutton to 85.2° at both Center Point and Magnolia. The highest temperature recorded was 108° at Corning on the 16th; the lowest, 50°, at Dutton on the 2d. The greatest daily range was 35° at Corning on the 16th.

Rainfall was excessive in many sections of the State during the first decade with most stations reporting the greater portion of the monthly total during this period. On the 3d-4th a number of stations reported from 3.00 to 4.00 inches. In Faulkner County a small levee protecting about 1,000 acres of land broke and the land was inundated for a short time. In Pulaski County damage estimated at several thousand dollars was done to crops, highways, and private lakes where dams had been constructed. The dam at the Shrine Country Club gave way following the downpour of the night of the 3d-4th and in turn the dam at the Spring Lake Country Club lower down the stream went out. Considerable damage resulted to highways crossed by this stream and crops in the lower portion of the county were inundated. A passenger train of the Missouri Pacific Railroad was derailed near Higgins, 10 miles southeast of Little Rock. The train left the rails as the result of a small washout, ploughing up 140 feet of track and roadbed before the locomotive halted. Only scattered showers were reported during the middle of the month but during the last decade rainfall was fairly general with heavy rains being reported from a number of stations during this period.

The average precipitation for the State for the 94 stations reporting was 5.00 inches which is 1.25 inches above normal. Of the stations with records of 10 years or more, 50 had positive departures and 20 negative. Monthly means ranged from 1.67 inches at Fort Smith to 12.31 inches at Thornburg. Two stations reported monthly totals of over 10.00 inches, two others over 9.00 inches, four others over 8.00 inches, and a number of stations over 6.00 inches. Counties along the southern, eastern, and northern borders and in the west-central portion of the State generally received the least rainfall, while precipitation was heaviest in the more mountainous portions though some sections in the lowlands received from 6.00 to 9.00 inches.

The heavy rains the first part of the month in connection with the frequent showers the latter part of June caused rank growth of cotton and a decided increase in weevil activity in some sections. Weevil infestation was checked considerably by the hot weather the middle of the month but conditions were again unfavorable the latter part in some central and eastern portions where heavy to excessive rain occurred. Temperatures were a little to high for corn during the second decade and in a few localities the soil was too dry, some fields being damaged, but a large portion of the crop is nearly matured. Meadows, pastures, and truck crops were damaged somewhat in some localities by the hot, dry weather. The heavy rains during the month were very favorable for rice. T.A.M.

Killed by lightning: On July 20th at Emmet, one; on July 23d, near Centerton, one; on July 23d at Portland, one seriously injured; on July 24th at Vesta, two seriously injured; on July 25th near Troy, one killed.

Damage from lightning.—Near Lepanto, July 5th, large barn and contents destroyed, loss $3,500; near Melbourne, July 23d, large barn including feed, tools, stored cotton, etc., destroyed, loss $3,000; near Floyd, July 23d, barn with contents destroyed, loss $1,500.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Heavy Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	26	5	26	15	37	18	28	24	2	2	11	14	.	3	.		1	8	3	7	15	29	31	27	16	18	28	24	21	15	.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.93	30.14	15	29.57	3	3,888	15	ne	23	......	......	80
Fort Smith	29.92	30.13	15	29.56	3	4,716	30	nw	23	82	59	70
Little Rock	29.97	30.19	13	29.64	3	5,347	23	n	30	79	62	76
Memphis	29.97	30.21	13	29.68	3	4,737	31	sw	3	79	68	77

COMPARATIVE DATA FOR JULY

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	80.2		116		40		3.75		15	11	5	8
1891	76.5	−3.7	103	22	50	9	7.24	+3.49	13	8	10	10
1892	79.0	−1.2	104	19	52	4	3.58	−0.17	10	11	10	10
1893	80.9	+0.7	103	28	59	19	2.94	−0.81	17	11	3	6
1894	78.4	−1.8	108	1	51	24	3.98	+0.23	17	9	5	6
1895	78.9	−1.3	104	19	55	9	7.34	+3.59	12	10	9	12
1896	83.4	+3.2	110	31	52	9	1.61	−2.14	16	11	4	4
1897	82.4	+2.2	109	30	50	13	3.25	−0.50	16	11	4	5
1898	79.9	−0.3	105	22	50	11	4.25	+0.50	12	13	6	8
1899	79.0	−1.2	100	16	52	10	5.14	+1.39	15	11	5	8
1900	79.7	−0.5	102	3	51	28	4.46	+0.71	10	15	6	9
1901	83.7	+3.5	116	12	50	10	2.49	−1.26	15	13	3	6
1902	79.4	−0.8	105	16	50	21	4.49	+0.74	14	12	5	6
1903	79.6	−0.6	105	9	53	13	3.86	+0.11	13	12	6	9
1904	77.9	−2.3	104	20	49	24	4.43	+0.68	13	13	5	10
1905	76.7	−3.5	106	14	51	4	7.60	+3.85	10	13	8	13
1906	76.7	−3.5	99	22	48	3	5.96	+2.21	13	9	9	10
1907	81.4	+1.2	108	23	53	4	1.96	−1.79	21	8	2	4
1908	79.2	−1.0	103	16	48	4	3.00	−0.75	15	12	4	8
1909	81.9	+1.7	106	31	50	21	2.51	−1.24	19	9	3	5
1910	79.4	−0.8	105	29	41	18	5.46	+1.71	15	12	4	10
1911	78.4	−1.8	106	3	43	25	4.83	+1.08	9	14	8	11
1912	81.3	+1.1	104	25	56	1	2.82	−0.93	15	13	3	6
1913	81.5	+1.3	101	6	55	21	4.31	+0.58	13	14	4	8
1914	82.6	+2.4	107	14	54	31	2.69	−1.06	11	15	5	7
1915	77.1	−3.1	107	30	43	5	2.40	−1.35	20	7	4	5
1916	82.8	+2.6	106	19	55	9	2.09	−1.66	19	9	3	6
1917	79.6	−0.6	106	1	50	4	5.10	+1.35	15	9	7	8
1918	79.6	−0.6	111	25	49	1	1.53	−2.22	19	7	5	4
1919	81.2	+1.0	104	11	54	18	1.91	−1.84	19	8	4	5
1920	79.8	−0.4	105	21	52	9	4.22	+0.47	15	10	6	7
1921	82.0	+1.8	107	4	54	23	2.42	−1.33	19	8	4	6
1922	80.2	0.0	106	31	48	5	4.12	+0.37	14	11	6	7
1923	79.9	−0.3	105	24	48	1	3.53	−0.22	16	9	6	6
1924	79.0	−1.2	110	23	40	1	2.35	−1.40	18	8	5	5
1925	81.8	+1.6	109	16	47	31	4.99	+1.24	11	11	9	10
1926	79.8	−0.4	109	4	47	15	3.55	−0.20	17	9	5	8
1927	79.6	−0.6	104	11	49	4	4.25	+0.50	17	9	5	6
1928	80.3	+0.1	102	23	52	14	3.66	−0.09	17	8	6	8
1929	81.2	+1.0	105	17	51	21	3.07	−0.68	17	10	4	7
1930	84.7	+4.5	115	29	42	16	0.74	−3.01	21	8	2	2
1931	81.0	+0.8	106	24	48	6	6.00	+2.25	12	11	8	11
1932	82.5	+2.3	108	16	50	2	5.00	+1.25	16	9	6	9

Climatological Data for July 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	83.2	+ 2.5	102	15†	61	1	30	4.88	+1.33	1.19	0.0	7	4	23	4	sw.	J. W. Campbell
Arkadelphia	Clark	250	36	....	....	....	....	....	....	....	5.26	+1.43	1.21	0.0	10	18	7	6	ne.	W. K. Bown
Arkansas City	Desha	145	48	....	....	....	....	....	....	....	2.58	−1.04	0.86	0.0	8	23	2	6	....	Herbert Neff
Arlberg	Stone	700	10	....	....	....	....	....	....	....	3.09	....	1.12	0.0	5	12	13	6	ne.	J. D. Reeves
Batesville	Independence	277	33	80.0	+ 0.4	101	16	57	2†	34	3.51	+0.25	0.77	0.0	9	22	1	8	sw	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	83.8	+ 3.4	103	22	60	2	31	7.79	+4.38	2.98	0.0	9	18	7	6	s.	J. E. Scanlan
Bentonville	Benton	1303	27	79.9	+ 2.4	97	17	56	2	27	5.47	+1.77	1.91	0.0	10	25	4	2	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	....	2	....	....	....	....	....	....	....	2.90	....	2.00	0.0	4	20	0	11	....	Harry Johnson
Black Rock	Lawrence	259	30	....	....	....	....	....	....	....	5.79	+2.14	1.70	0.0	9	23	3	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	7	82.5	....	98	14†	61	2†	28	2.78	....	1.33	0.0	11	10	4	17	s.	Charles Phillips Jr.
Booneville	Logan	465	18	83.0	+ 1.7	103	23	62	2	32	4.37	+1.02	1.41	0.0	10	11	14	6	sw.	F. H. Randolph
Brinkley	Monroe	205	45	83.1	+ 2.1	100	15	63	2	28	6.99	+3.07	4.69	0.0	7	21	7	3	sw.	R. J. Torry
Calico Rock	Izard	361	28	81.8	+ 1.9	102	22	58	2	32	6.20	+2.76	1.96	0.0	10	10	20	1	sw.	W. J Copp
Camden	Ouachita	158	47	82.8	+ 1.8	99	14†	68	10†	29	4.10	+0.31	1.58	0.0	8	16	5	10	sw.	Georgia Quarterman
Carthage	Dallas	....	26	83.4	....	100	13†	68	24†	28	6.57	+2.51	2.12	0.0	9	14	8	9	....	P. W Clark
Center Point	Howard	470	33	85.2^{c}	+ 3.7	102^{c}	15	69^{c}	5†	29^{c}	4.54	+0.82	3.15	0.0	4	15^{d}	10^{d}	2^{d}	s.	John C. Floyd
Clarendon	Monroe	172	28	....	....	....	....	....	....	....	4.67	+1.69	2.58	0.0	8	15	7	9	sw.	J. W. Bishop
Clinton	Van Buren	516	11	....	....	....	....	....	....	....	2.04	−0.33	0.89	0.0	6	12	15	4	w.	A. L. Stephens
Conway	Faulkner	309	49	83.6	+ 2.0	102	16	64	2	29	8.60	+5.23	3.80	0.0	12	20	7	4	sw.	E. E Cordrey
Corning	Clay	293	39	83.4	+ 4.2	108	16	54	2	35	3.12	−0.34	1.30	0.0	6	18	10	3	sw.	Winfred D. Polk
Cotter	Baxter	408	5	....	....	....	....	....	....	....	3.45	....	2.14	0.0	6	21	7	3	nw.	O. B. McSpadden
Crosset	Ashley	175	20	83.6^{b}	....	101^{b}	16	64^{b}	5	32^{c}	2.66	−1.69	0.87	0.0	10	12	12	7	sw.	G. A. Gifford
Danville	Yell	327	16	....	....	....	....	....	....	....	3.57	+0.41	1.71	0.0	6	20	3	8	w	C. G. Hudson
Dardanelle	Yell	330	46	83.8	+ 2.1	101	16	63	2	28	2.44	−0.93	0.51	0.0	9	11	14	6	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	....	....	....	....	....	....	....	5.16	....	3.91	0.0	4	23	1	7	....	H. G. Pate
Dumas	Desha	162	26	84.4	+ 2.6	102	16	68	9†	29	6.71	+3.11	1.76	0.0	11	8	12	11	s.	Ben Johnson
Dutton	Madison	1590	29	78.0	+ 2.8	96	13†	50	2	34	8.40	+4.19	4.45	0.0	11	18	9	4	s.	J. M Ricketts
El Dorado	Union	270	31	85.1	+ 3.1	101	14†	69	10†	28	3.34	−0.60	1.25	0.0	13	8	11	12	sw.	J. J. Babb
England	Lonoke	229	25	83.2^{a}	+ 1.9	100^{a}	14†	66^{a}	3	26^{a}	5.54	+2.89	3.23	0.0	10	18^{a}	8^{a}	4^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1165	32	81.0	+ 3.0	100	17	56	2	29	3.47	−0.67	1.73	0.0	8	22	5	4	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	80.4	+ 2.4	100	17	59	2	31	3.89	−0.26	1.79	0.0	8	15	10	6	sw.	University of Arkansas
Fort Smith	Sebastian	457	55	84.1	+ 2.6	101	16	64	2	29	1.67	−1.70	0.62	0.0	4	13	10	8	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	8	....	....	....	....	....	....	....	5.57	....	1.99	0.0	9	24	4	3	sw	R. J. Mc Cuiston
Fulton	Hempstead	260	46	....	....	....	....	....	....	....	5.77	+2.45	3.20	0.0	5	18^{a}	3^{a}	9^{a}	....	T J. Logan
Georgetown	White	200	20	....	....	....	....	....	....	....	4.80	+2.11	2.04	0.0	8	20	2	9	....	W. R. Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	4.41	....	0.93	0.0	14	19	11	1	....	S. G. Battenfield
Grannis	Polk	900	13	80.6	+ 1.8	99	16	64	2†	33	6.70	+2.63	2.64	0.0	13	12	15	4	e.	W. E. McVay
Gravette	Benton	1250	35	79.8	+ 2.6	98	16†	53	2	32	8.14	+4.03	1.92	0.0	8	13	11	7	sw.	A. F. Stevens
Harrison	Boone	1052	32	81.2	+ 4.4	102	22	55	2	33	3.30	−0.73	1.10	0.0	8	24	6	1	sw.	Louis R. Keck
Helena	Phillips	250	60	81.5	− 0.1	100	15†	62	4	27	4.54	+0.78	1.90	0.0	11	8	13	10	nw.	James A. Burnett
Higden	Cleburne	445	13	....	....	....	....	....	....	....	6.19	+3.33	1.91	0.0	9	16	10	5	w.	Geo. W. Baker
Highland	Pike	....	12	83.6	....	99	15†	69	2†	27	10.70	+8.23	5.34	0.0	7	15	12	4	s.	Tom W. Stewart
Hope	Hempstead	377	61	83.8	+ 2.4	100	14†	69	6†	30	4.54	+0.22	3.05	0.0	7	18	7	6	s.	N. P. O'Neal
Hot Springs	Garland	600	41	84.3	+ 2.8	102	15	70	22†	30	8.59	+4.38	2.33	0.0	10	12	14	5	....	G. C. Bolton
Index ‡‡	Little River	275	7	....	....	....	....	....	....	....	4.85	....	4.40	0.0	5	20	0	11	....	H. G. Sanderson
Jessieville	Garland	750	6	....	....	....	....	....	....	....	9.69	....	4.00	0.0	8	15	5	11	....	U. S. Forest Service
Jonesboro	Craighead	345	37	83.4	+ 3.0	102	16	62	3	27	3.96	+0.73	1.29	0.0	8	13	11	7	nw.	Benedictine Sisters
Lead Hill	Boone	650	26	81.0	+ 1.6	101	22	54	2	34	3.16	−1.12	1.08	0.0	10	22	3	6	w	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	83.6	+ 2.7	99	16	68	2	22	7.76	+4.26	4.33	0.0	9	12	10	9	sw.	U. S. Weather Bureau
Lurton	Newton	2100	7	78.9^{d}	....	97^{b}	20	56	2	28^{h}	7.77	....	3.95	0.0	11	20	7	4	s.	I. C Sutton
Lutherville ‡‡	Johnson	775	33	82.0	+ 2.4	100	16	61	2	27	3.48	−0.21	0.71	0.0	11	16	10	5	sw.	H G. Lenhardt
Madison	St. Francis	....	2	....	....	....	....	....	....	....	9.16	....	3.64	0.0	6	23	1	7	....	William G. Hager
Magnolia	Columbia	315	16	85.2	+ 3.1	102	18	67	24	30	3.90	+0.46	1.12	0.0	8	2	23	6	e	State Agri. School
Malvern	Hot Springs	277	45	83.2	+ 2.1	103	16	68	2†	29	5.75	+2.23	2.95	0.0	10	25	4	2	s	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	27	81.2	+ 3.0	100	22	52	2	30	5.58	+2.17	2.00	0.0	7	20	7	4	sw.	S. F. Whittaker
Marianna	Lee	235	20	82.9	+ 2.1	98	13†	66	2	25	2.40	−0.65	1.17	0.0	9	14	12	5	w.	C. N. Houck
Marked Tree	Poinsett	229	27	82.2	+ 1.4	106	16	67	31	32	6.47	+3.38	1.51	0.0	14	18	9	4	n.	Charles Walton
Marshall	Searcy	1070	18	78.7	− 0.2	98	14	54	2	30	5.33	+1.55	2.00	0.0	12	16	8	7	s.	A. J. Parks
Mena	Polk	1185	41	81.2	+ 1.3	98	16	65	2†	29	3.12	−0.91	0.59	0.0	12	16	9	6	sw.	E. W. St. John
Morrillton	Conway	347	9	83.5	....	104	16	67	2	27	4.01	....	1.84	0.0	8	16	7	8	sw.	John Cook
Mountain Home	Baxter	800	18	81.4	+ 3.2	102	22	57	2	32	2.94	−1.93	0.98	0.0	6	13	10	8	w.	R. S. Halbert
Mount Ida	Montgomery	650	33	81.2	+ 1.6	101	15†	65	18	32	3.94	+0.37	1.52	0.0	6	16	5	10	w.	G A. Whittington
Newport	Jackson	231	48	82.2	+ 1.0	101	16†	61	2	29	5.89	+2.83	1.86	0.0	12	20	3	8	n	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	6.73	....	2.46	0.0	8	15	4	12	....	U. S. Forest Service
Oden	Montgomery	800	6	....	....	....	....	....	....	....	3.75	....	0.85	0.0	12	16	9	6	sw.	U. S. Forest Service
Okay	Howard	288	3	84.0	....	102	31	68	18	30	4.33	....	4.04	0.0	4	21	7	3	s.	Charles R. Jackson
Osceola	Mississippi	240	34	84.2	+ 3.8	105	16†	60	2	32	4.59	+1.12	1.10	0.0	8	17	11	3	s.	Charles H. Hampton
Ozark	Franklin	396	37	82.9	+ 1.1	103	*22*	60	2	30	3.34	−0.06	1.03	0.0	11	21	1	9	se.	Orkney O. Milton
Paragould	Greene	301	9	....	....	....	....	....	....	....	6.83	....	2.24	0.0	9	23	6	2	s.	W. R. Heagler
Parkin	Cross	....	2	....	....	....	....	....	....	....	5.07	....	2.57	0.0	8	18	2	11	....	P. D. Roberts
Patterson	Woodruff	196	16	....	....	....	....	....	....	....	6.28	+3.21	3.18	0.0	8	19	5	7	sw.	W. E. Baker.
Piggott	Clay	307	7	....	....	....	....	....	....	....	5.93	....	2.14	0.0	9	19	7	5	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	83.4	+ 1.0	100	22†	69	31	28	3.86	+0.42	0.78	0.0	11	13	11	7	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	82.8	+ 2.6	103	16†	57	2	30	2.79	−1.41	0.56	0.0	9	9	12	10	sw.	Benedictine Sisters
Portland	Ashley	122	26	83.4	+ 1.6	100	14†	67	10	29	3.06	−0.78	0.69	0.0	12	10	15	6	sw.	W. E. Edmiston
Prescott	Nevada	329	44	84.5	+ 2.6	101	15†	68	24	29	4.97	+1.76	2.74	0.0	7	20	5	6	s.	Craig Williams
Rison	Cleveland	243	31	83.9	+ 2.4	103	23	67	10	32	3.54	+0.27	1.24	0.0	8	14	7	10	sw.	Mrs. M. V Tisdale
Rogers	Benton	1385	41	81.4	+ 4.3	101	15†	54	2	33	6.19	+2.11	2.38	0.0	7	22	5	4	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Saint Francis	Clay	290	4	....	....	....	....	....	....	....	4.83	....	1.78	0.0	7	20	6	5	....	S. T. Rooney
Searcy	White	236	22	82.0	+ 1.3	101	16	62	2	27	4.86	+2.39	3.06	0.0	7	24	2	5	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	25	....	....	....	....	....	....	....	2.81	−0.84	0.90	0.0	10	18	4	9	....	Miss Grace Field
Story	Montgomery	700	8	....	....	....	....	....	....	....	5.95	....	0.90	0.0	10	13	11	7	s.	S. C. Story
Stuttgart	Arkansas	228	45	83.2	+ 2.2	99	13	65	2	29	4.75	+1.13	2.40	0.0	8	10	16	5	s.	Adam F. Buerkle
Subiaco	Logan	1050	35	84.2	+ 2.7	102	16†	61	2	30	2.63	−0.68	1.35	0.0	9	14	12	5	s.	New Subiaco Abbey
Sunset	Washington	....	1	78.1	....	94	16†	59	2	22	4.12	....	1.62	0.0	8	18	12	1	sw.	Walter James
Texarkana	Miller	332	46	83.8	+ 1.4	102	15	68	6	29	6.23	+2.81	5.23	0.0	5	8	13	10	s.	H. S. Brashear
Thornburg	Perry	650	11	80.6^{e}	....	103^{c}	15	59^{g}	20	34^{g}	12.31	+3.12	3.94	0.0	9	7^{a}	17^{a}	6^{a}	s.	Edward E. Holmes
Waldron	Scott	675	13	....	....	....	....	....	....	....	3.95	+0.51	1.22	0.0	10	10	11	10	s.	Dr. Cheves Bevill
Warren	Bradley	206	38	84.2	+ 2.0	102	15†	67	10	31	6.70	+3.36	1.40	0.0	11	15	13	3	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	....	....	....	....	....	....	....	4.14	....	1.52	0.0	7	11	10	10	sw.	J. R. Huddleston
Whitecliffs	Little River	290	28	....	....	....	....	....	....	....	3.85	+1.44	3.00	0.0	4	15	7	9	w.	Nannie O. Schirmer
Wilson	Mississippi	237	7	81.1	....	99	16	60	2	28	4.49	....	1.48	0.0	10	7	23	1	s.	D. N. Morris
Wynne	Cross	250	24	81.2	− 0.1	97	13†	61	2†	29	6.82	+3.43	2.29	0.0	7	19	6	6	s.	R. T. Cobbs
Yancopin	Desha	167	8	....	....	....	....	....	....	....	3.11	....	1.40	0.0	11	14	5	12	....	W. E. Barton
State Means				82.5	+2.3	108	16	50	2	35	5.00	+1.25	5.34	0.0	9	16	9	6	sw.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for July, 1932

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		1.15	.03	1.19		1.16	.27																		.53				.55			4.88
Arkadelphia	Ouachita	.84	.19	T.	1.20		1.21	.51			T.															.15			57	.51	.03	.05	5.26
Arkansas City	Mississippi		.20		.86		.60		.29	.04										.08		T.			.09		T.			.42			2.58
Arlberg	White			.10		.94																	.68	1.12							.25		3.09
Batesville	White	.26		T.	.77	T	.77		.49	.36			.06											.19	34		T.	.27				T.	3.51
Bee Branch	Arkansas	.36		.25	.44	2.98	.06																	1 32	T.			1.35		.93	.10		7.79
Bentonville ***	Arkansas	.06		.38		1.20		T.	.01															1.17	.32		.11	.01	.30	T.	1.91		5.47
Big Lake Outlet	St. Francis	2 00			.55	T.	.15																	.20									2.90
Black Rock	White	.52			.61		.21		.22					T.										1.70			.14	.83			1.38	.18	5.79
Blytheville	St. Francis	1.33	.06		.04	.03	.30	.07	.32															.03			.54	.03			.03		2.78
Booneville	Arkansas	.01		.15		1.00	.13						T.		.14							.01		1.41	1.07				.42	.03			4.37
Brinkley	White	1 30	.04		4.69		.32	.07	.45	.03																							6.90
Calico Rock	White	1.96			.05		.92		.13	.10			1.49											.80	.30			.43		T.	T.	.02	6.20
Camden	Ouachita		.32		.47		1.58	.25												.07					1.06		.14			.21			4.10
Carthage	Ouachita	.40			1.20		.50	.45												.05							1.50		.10	2.12		.25	6.57
Center Point	Red	.82				.46	3.15	.11																	T.	T.			T.				4.54
Clarendon	White	.86		T	2.58		.73	.02	.28																		.03		.15	T.		.02	4.67
Clinton	White	21	T.	.48																			.22	.89			.05		T.	T.		.19	2.04
Conway	Arkansas	.08		3.80	2 10	.25	.10	.17																.15			.27	.03	.06	.02	1.57		8.60
Corning	White			T	.18		1.30		.12														T.	1.15			T.	.34			.03	T.	3.12
Cotter	White			T.			.41		.10				.50												2.14		T.	.24			.06		3.45
Crossett	Ouachita		.04		.50	.07	02	.06	.03	.58	.18									T.						.87	.81						2.66
Danville	Arkansas			1.19	.16		1.71	T.																	.20	.13		.18					3.57
Dardanelle	Arkansas	.15		.51	.42		.51																	.17		.03			.42		.03	.20	2.44
De Valls Bluff	White	.62			3.91		.45		.18																								5 16
Dumas	Mississippi	.19	05		.26	.14	.60	.03	1.60	1.76	T.									T.		.03		T.	T.		T		.43	1.65		T.	6.74
Dutton	White			.46	10	1.45	.60	.10																.45	.10			.15	.69	.15	1.15		8.40
El Dorado	Ouachita	.06	.12	.10	.17	.04	.40	.01	.02		.13				T.					T.		.54			1.25		.05			.45			3.34
England	Arkansas	.18		.15	3.23	T.	.13	.86	.09						.09											.21		T.	.20	T.	.40		5.54
Eureka Springs	White	.22		.09		.58																		.36	29			.17		.03	1.73		3.47
Fayetteville	White	.79		.08		.29							T.											T.	1.79			.71	.07	.02	.14		3.89
Fort Smith ***	Arkansas	T.		T.		.53							T.		T.									.62					.45	.07			1.67
Freeman Sprgs.	Arkansas	.09		.46	.91	.12	1.99																		.33				.45		.07	1.15	5.57
Fulton	Red	T.	T.	T.	.55		3 20	.40														T.				.80				.82	T.		5.77
Georgetown	White	.90			2.04		.95	15	.51	.19														.02					.04				4.80
Gilbert	White	.03	.02	T.	.59	.01	.63	.06																.93	.48	.54		05	.02	.25	.45	35	4.41
Grannis	Red	.44		.16	22	.14	2.64	1.06								T.				T.	.40			.02	.68			.02	.05	.39	.48		6.70
Gravette	Arkansas	.27		1.10		1.73							T.											1.67	1.92		.32		.36		.77		8.14
Harrison	White	.07		.43		.45			.50															1.10				.15		.02	.58		3.30
Helena	Mississippi	.33	.95		1.90	.36	.03	.23	.46	.02										.02							.01		.23				4.54
Higden	White	.13		.38	.20	1.17							1.64										T.	1.91	.62		.05				.09		6.19
Highland	Ouachita	70	5.34	.02	.32		3.61																		.32				.39				10.70
Hope	Red	T.		.35	.05	.20	3.05													T.				.26	.41				.22				4.54
Hot Springs	Ouachita			1.22	2.33	.76	36	.55												.20		.07			.21	1.88		1.01					8.59
Index	Red				.10		4.40	.02																	.20	.13							4.85
Jessieville	Ouachita		.48		4.00	.71	1.15	.35																.70	.30	2.00							9.69
Jonesboro	White	1.29	T.		.83	.03	T	.01	.06															.56	T	.93					.25		3.96
Lead Hill	White			.20		.34			.17			1.08								T.	.03		T.	.57	.17	T.	.18	T.	T.	.07	.35		3.16
Little Rock ***	Arkansas	T.		3.63	.70	1.81	.13	.17												T.		T.	T.	.10	T.			T.	.47	.01	.74		7.76
Lurton	White	1.21		.65	.10	3.95	.01																	.19	T.		.01	.01	.20	.25	1.19		7.77
Lutherville	Arkansas	.10		.36	.50	.35			.09															23	.04		.13		.45	.52	.71		3.48
Madison	St. Francis	1.40		T.	3.64		1.18	.11	1.80																		1.03						9.16
Magnolia	Red		.25	.55	.55		1.12	.30				.14														.69					.30		3.90
Malvern	Ouachita	.60	.56		2.95		.90	.35												.02					01				.21	.02		.13	5.75
Mammoth Spg.	White	.10			T	34	.91		.25															2.00	.45			1.50			T.		5 58
Marianna	St. Francis	.29		.02	1.17	.14	.01	.02	.24				.46													.05							2.40
Marked Tree	St. Francis	.93	.29		.30	.29	1.51	.09	.14				.12								.11			1.32	.13		.07				.08	1.09	6.47
Marshall	White	20		.19	.06	2.00	.05		.02															1.70	.12			.04	.02	.55	.38		5.33
Mena	Ouachita	.04	.11	.01	.48	T.	.54	.40														.06	T.		.21	55	.07		.59	.06			3.12
Morrilton	Arkansas	.26		.70	1.84		.16	.08	.05															T.		T.			T.	.08	T.	.84	4.01
Mountain Home	White			T.	.10	.41			.16			T.												.98			.76				.08		2.49
Mount Ida	Ouachita	.07		1.17	1.52	.24	.56	.38																									3.94
Newport	White	.33			1.86	.15	.08		.63	.31			.31											.09	1.39		.59	.08			.07		5.89
Norman	Ouachita		T.	.41	.94	2.46	1.57	.67																		.07			.30	.31			6.73
Oden	Ouachita	.47	.05	.15	.48	.02	.85	.10																.48	.47	.47	.17		.04				3.75
Okay	Red	.06		.14	T.	T	4.04														T.								.09				4.33
Osceola	Mississippi	1.10	78		.60	.28	.93	.45	.08												T.		.37								T.		4.59
Ozark	Arkansas	.56			.35		.60	.02								07									.28	1 03			.26	.10	.05	.02	3.34
Paragould	St. Francis	2.24			.59		.05		.44					.30										.36		T	1.42	.76			.67		6.83
Parkin	St. Francis	1.36			2.57		.35	.03	23																		.49				.02	.02	5.07
Patterson	White	1.17			2.18		1.05	.09		.12				.31													.66				.70		6.28
Piggott	St. Francis	.64		T.	.25	1.50			.04														1.05	.09		2.14		.16		.06			5.93
Pine Bluff	Arkansas	.10	.04		.78		.76	.63	.04	.22										T.		.27			T.		.42			.55	.05		3.86
Pocahontas	White			.03	.53	.20			.10														.35			.50		.36		.56	.16		2.79
Portland	Ouachita		.15	.16	.47	.19	.07	.05	.28	.05										.28		.03			.64		.69						3.06
Prescott	Ouachita			.46	.49			2.74	.18											T.						.05	.01			1.04			4.97
Rison	Ouachita	.80	.10		.18		.18	.38																	.25					.41		1.24	3.54
Rogers	White			.12		.70																		.55	1.10			1.32	.02		2.38		6.19
St. Charles	White																																....
St. Francis	St. Francis	T.			.32		1.78	.24	.41															.98			.94	.16			T.	T.	4.83
Searcy	White	.24	T	.01	3.06	T.	.62	.10	.23																			.60			T.		4.86
Springbank	Red	.23	.03	.48	.90	.01	.42	.42			T.									.08	.18				.06	T.							2.81
Story	Ouachita			.77	.78	.58	.60						.24									.50			.63	.70			.90	.25			5.95
Stuttgart	Arkansas	.40	.43		2.40		.26	1.10	.07																					.05		.04	4.75
Subiaco	Arkansas	.04		11	T.	1.35	.08								T.							.46		T.	.19				.18	.18	.04		2.63
Sunset	Arkansas	.03		T.	.32	1.62	.08																		1.24			.16	.63	T.	.04		4.12
Texarkana	Red		T.		.43		5.23	.32																	.10	.15							6.23
Thornburg	Arkansas			3.94			.02					T.		T.										2.45	3.80		.83	.02	.03	.40	.82		12.31
Waldron	Arkansas	.08		.17		.76	.12	.06				.03			.44							T.		.93	1.22			T.	.14				3.95
Warren	Ouachita	.10	.50		.30	T.	1.00	T	.20	.10	1.40									T.		T			.85		1.00	T.		1.10		.15	6.70
Waters	Ouachita	.52		.42	*	1.52	.48	.22																		.98							4.14
Whitecliffs	Red	T.	T.	T.	.35	.28	3 00	T.													T.				.22	T.				T.			3.85
Wilson	Mississippi	1.48		T.	1.45	.15	.75	.15	.23				.06											.15			.05				.02		4.49
Wynne	St. Francis	2.29	1.05		1.83	.18	.39		.75	T.																	.33						6.82
Yancopin	Arkansas	.03	.03		.91	.11	.30	.12	1.40											.08							.06		.03	.04			3.11

Daily River Stages for July. 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	18.6	17.3	16.8	16.8	15.3	12.0	13.0	14.8	13.6	12.0	13.3	13.8	12.4	11.4	10.7	10.3	10.3	9.0	7.4	6.8	6.4	6.0	5.8	5.6	5.6	5.3	6.0	5.4	6.9	8.9	8.3
Ozark	do	22	13.2	13.7	13.2	12.4	12.4	10.5	8 5	10.4	10.9	9.0	8.6	10 1	9.7	8.2	7.4	7.0	6.7	6.3	4.9	4.7	3.1	2.5	2.2	2.1	2.0	1.9	1.8	1.7	1.7	3.4	5.1
Dardanelle	do	22	15.9	16.7	15.0	14.6	14.3	14.7	12.3	11.3	12.7	12.3	10.9	10.1	11.1	11.2	10.3	9.6	9.2	9.0	8.4	7.3	6.6	6.1	5.8	5.5	5.4	5.3	5.2	5.1	5.3	5.1	6.7
Morrilton	do	20	13.0	14.7	13.6	13.0	12.5	12.5	11.0	9.0	9.6	10.5	9.0	8.0	9.0	9.3	7.6	7.0	6.2	5.9	5.5	4.5	3.3	2.5	2.0	1.5	1.2	1.1	1.0	0.6	0.7	0.7	1.0
Little Rock	do	23	11.9	14.6	14.9	14.2	13.6	13.3	13.2	11.1	9.7	10.7	10.5	8.7	8.3	9.3	8.7	7.4	6.6	5.9	5.5	5.0	8.9	2.9	2.2	1.8	1.6	1.4	1.2	1.1	1.0	1.1	1.2
Pine Bluff	do	25	15.2	16.6	17.2	18 3	17.8	17.7	17.5	16.9	15.4	15.8	15.4	14.7	13.5	13.5	14.0	13.2	12.7	11.5	11.0	10.7	10.2	9.7	8.5	7.8	7.4	7.3	7.1	6.9	6.8	6.8	6.8
Yancopin	do	29	19.9	20.4	22 3	23.7	24.0	24.2	24.4	24.3	24.2	23.5	23.4	23.9	23.7	23.5	24.1	24.9	25.0	24.9	24.7	24.2	23.4	22.2	20.3	17.9	16.4	13.2	12.1	11.3	10.9	10.4	10.2
Danville	Petit Jean	20	18.4	15.5	8.9	6.2	4.8	14.5	11.9	6.1	4.4	3.7	3.3	3.1	2.8	2.6	2.4	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	4.4	4.3	3.2	2.8	2.3	2.1	1.8

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	6.8	6.0	5.2	5.0	5.0	4.6	4.5	4.8	4.7	9.5	7.8	6.0	4.8	4.8	4.4	4.0	4.0	3.8	3.4	3.2	3.1	2.9	2.8	3.0	3.1	4.0	3.6	3.5	3.1	3.6	3.5
Calico Rock	do	18	7.2	5.1	4.8	4.0	2.9	3.6	6.7	4.8	5.6	6.7	6.2	5.0	4.2	3.4	2.9	2.0	1.6	1.3	1.4	0.5	1.0	0.5	0.4	0.8	0.5	1.5	1.5	1.4	1.0	0.7	1.1
Batesville	do	23	12.4	11.7	10.2	9.2	8.8	8.5	12.6	11.4	9.8	13.1	11.5	11.7	9.8	8.8	8.3	7.9	7.1	6.4	6.1	6.0	5.2	5.4	5.4	5.3	5.4	5.2	6.3	6.3	6.0	5.6	5.4
Newport	do	26	5.5	8.0	6.9	6.3	5.4	4.5	4.8	8.4	7.2	6.8	9.0	8.3	7.5	6.0	4.6	4.0	3.3	2.7	2.3	2.0	1.7	1.2	1.2	1.9	1.5	1.5	1.4	1.1	2.4	2.0	1.8
Georgetown	do	22	4.9	6.9	8.7	9.7	9.9	9.7	8.5	8.8	10.1	10.3	10.0	10.7	10.9	10.5	9.5	8.4	7.0	6.1	5.0	4.2	3.5	3.1	2.6	2.1	2.1	2.7	2.5	2.2	2.2	2.6	2.8
De Valls Bluff	do	24	8.0	9.1	10.8	13.0	14.3	14.6	14.8	13.9	14.1	14.8	15.0	15.0	15.2	15.1	14.8	13.9	12.8	11.8	10.7	9.7	8.8	8.0	7.4	6.8	6.4	6.3	6.5	6.4	6.2	6.1	6.5
Clarendon	do	30	10.7	11.2	12.4	14.2	16.4	17.4	17.8	17.8	17.8	18.2	18.5	18.8	18.8	18.8	18.7	18.3	17.6	16.6	15.7	14.8	13.9	13.0	12.2	11.4	10.6	10.1	9.9	9.8	9.5	9.3	9.4
Gilbert	Buffalo	30	5.4	5.8	5.6	5.8	5.8	13.0	8.1	5.9	5.6	4.8	4.0	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.8	3.0	3.0	3.2	3.4	3.5	3.3	3.2	3.0	3.0	2.9	2.9
Black Rock	Black	14	1.2	1.2	1.2	1.6	1.4	3.6	2.9	2.7	2.5	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.5	1.4	1.2	1.0	0.9	0.8	1.8	1.6	1.5	1.5	2.8	2.6	2.6	3.9	3.6
Arkadelphia	Ouachita	12	-0.2	0.8	-0.4	1.0	6.0	4.6	7.6	7.2	5.2	3.9	3.0	2.8	2.8	1.6	0.8	-0.6	-0.6	-0.8	-1.0	0.2	-0.8	-1.0	-1.0	-1.0	-0.4	-0.8	-0.8	-0.6	-0.6	-0.2	-0.4
Camden	Ouachita	26	10.0	11.6	11.2	9.7	8.4	7.8	15.4	19.2	20.9	21.6	20.9	20.6	19.8	16.0	11.6	8.3	6.6	5.9	5.3	4.9	4.7	5.3	5.0	4.8	4.6	4.8	4.8	5.0	4.9	4.8	4.8
Fulton	Red	28	18.4	21.2	21.8	22.3	22.2	21.7	20.8	20.8	21.5	21.3	21.7	21.1	19.5	17.7	15.6	13.6	12.1	11.2	10.7	10.0	9.5	9.1	8.7	8.5	8.3	8.1	8.0	7.9	7.7	7.6	8.8
Helena	Mississippi	44	18.1	19.4	20.5	21.5	22.6	23.7	24.8	25.8	26.2	26.4	27.0	28.2	30.0	31.5	32.7	33.3	33.5	33.1	32.1	30.6	28.5	25.8	22.2	18.8	16.0	14.4	13.2	12.2	11.3	10.9	10.8
Arkansas City	do	48	20.7	21.6	23.0	24.6	26.0	27.0	28.1	29.1	29.9	30.3	30.4	30.8	31.5	32.5	33.5	31.4	35.0	35.5	35.5	35.1	34.3	33.1	31.3	28.6	25.6	22.3	19.2	16.8	15.0	13.5	12.6

Daily temperatures for July, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	85	85	87	91	91	84	94	96	96	96	95	96	98	99	102	101	100	99	94	95	98	100	102	97	96	97	98	98	95	88	88	94.9
	Minimum	61	69	70	72	74	68	69	72	72	71	73	73	74	74	74	76	76	70	73	72	73	73	72	70	70	70	70	70	71	72	70	71.4
Bee Branch	Maximum	90	87	88	94	92	83	94	97	98	99	101	100	100	102	102	102	102	98	96	98	99	103	101	93	97	97	97	97	97	87	92	96.2
	Minimum	72	60	66	72	71	72	72	69	69	70	73	71	74	76	75	74	73	75	73	71	72	74	70	70	71	71	71	75	73	70	86	71.4
Bentonville	Maximum	83	83	81	90	80	86	91	90	92	92	94	93	93	95	95	96	97	94	95	91	94	96	94	79	91	93	85	91	84	85	92	90.2
	Minimum	62	56	65	71	68	69	70	74	71	70	70	72	71	71	73	69	71	69	68	74	72	72	69	68	68	72	69	72	73	69	69	69.6
Blytheville	Maximum	89	89	83	89	85	82	90	90	92	94	90	92	97	98	98	98	97	97	97	95	96	98	85	91	91	95	94	96	95	84	90	92.2
	Minimum	70	61	61	72	73	75	73	69	75	75	76	71	77	78	78	77	71	74	71	77	76	76	72	70	72	72	72	76	76	72	69	72.8
Booneville	Maximum	85	87	83	91	90	87	96	96	94	97	96	96	97	99	100	101	101	98	95	93	99	101	103	83	93	97	95	91	89	87	95	94.0
	Minimum	74	62	71	72	72	71	73	73	70	72	75	73	72	72	75	73	74	70	75	75	76	71	71	71	69	73	73	73	73	65	71	71.9
Brinkley	Maximum	89	85	90	92	92	88	95	95	98	95	98	98	99	99	100	99	99	95	96	95	96	99	95	95	96	97	98	94	96	87	95	95.0
	Minimum	68	63	65	71	75	73	74	67	70	68	71	71	74	75	74	76	73	73	74	74	71	72	69	71	72	70	72	73	69	72	67	71.2
Calico Rock§§	Maximum	88	84	82	95	81	91	96	95	96	97	98	96	97	99	99	99	100	98	97	96	97	102	95	91	96	97	91	97	96	78	84	93.8
	Minimum	70	58	60	67	74	72	70	69	70	71	72	71	72	73	74	72	68	69	66	69	72	71	70	70	70	72	72	72	72	73	64	69.8
Camden§§	Maximum	90	80	87	91	88	86	92	95	96	95	96	96	98	99	98	99	98	98	93	92	95	96	99	92	94	93	95	96	95	89	96	93.8
	Minimum	75	71	72	74	75	69	69	73	71	68	71	73	73	75	75	74	76	69	73	72	70	71	72	68	70	71	74	73	70	71	69	71.8
Carthage§§	Maximum	83	83	85	91	91	85	95	99	98	99	99	99	100	99	100	100	100	96	95	96	96	99	89	95	97	95	100	95	92	80	96	94.4
	Minimum	71	69	69	72	76	71	71	73	70	71	72	73	73	74	75	75	75	78	73	71	76	83	71	68	69	72	73	72	70	73	68	72.5
Center Point	Maximum	86	..	..	..	93	85	94	97	96	96	95	99	100	100	102	101	98	97	93	96	98	100	98	94	97	97	101	100	101	95	00	96.8
	Minimum	71	..	..	..	69	69	74	75	74	71	74	75	75	77	78	79	76	75	74	73	74	73	75	71	71	73	76	72	73	76	71	73.3
Conway	Maximum	89	86	83	91	91	86	95	96	96	97	99	96	98	99	100	102	100	100	95	95	95	100	98	94	96	97	98	95	92	89	95	94.9
	Minimum	75	64	69	72	75	72	73	70	71	70	75	73	75	75	76	77	74	73	75	73	72	73	72	73	71	72	73	75	72	69	66	72.4
Corning	Maximum	94	87	85	96	90	88	94	94	97	98	96	98	100	102	103	108	105	102	102	101	100	104	89	95	95	98	91	99	98	79	94	96.2
	Minimum	73	54	60	71	73	72	71	69	72	72	76	67	72	74	74	73	75	70	67	74	73	74	69	68	71	72	73	74	71	69	65	70.6
Crossett§§	Maximum	94	..	..	90	82	80	82	97	98	95	96	97	98	99	100	101	100	98	96	96	97	98	98	93	94	96	96	99	95	97	99	95.2
	Minimum	76	75	..	..	64	65	66	65	69	66	71	74	74	74	74	77	79	93	73	72	70	71	76	70	73	69	75	74	73	71	74	71.9
Dardanelle	Maximum	87	85	84	93	91	86	96	96	96	97	97	96	99	98	100	101	100	98	96	95	96	99	100	91	96	96	96	94	92	86	94	94.5
	Minimum	75	63	70	72	76	72	74	71	72	73	76	75	75	73	77	75	76	71	75	75	75	72	72	72	70	73	74	74	75	71	68	73.0
Dumas	Maximum	95	84	92	93	91	92	94	96	97	97	98	98	100	100	100	102	97	97	99	97	100	100	98	96	97	98	101	93	92	91	96	96.2
	Minimum	75	69	70	73	74	73	73	69	68	68	72	74	75	75	76	77	78	72	73	73	71	73	73	70	73	73	74	75	70	74	69	72.6
Dutton	Maximum	83	84	77	85	86	83	89	93	94	94	93	95	96	92	93	94	96	96	95	95	94	93	90	91	94	92	95	93	86	83	90	90.8
	Minimum	55	50	60	71	71	70	70	73	73	70	70	69	68	63	62	66	64	63	61	62	61	60	63	64	62	64	65	62	70	69	69	65.2
El Dorado	Maximum	95	86	86	90	87	92	93	97	97	97	98	100	99	101	100	101	100	101	98	94	95	96	96	92	92	95	98	98	97	92	99	95.5
	Minimum	74	73	74	76	76	72	76	77	73	69	74	76	77	78	78	78	79	75	75	74	72	75	72	69	74	75	78	73	73	77	72	74.7
Eureka Springs	Maximum	82	82	81	89	88	85	91	92	92	93	94	93	94	96	97	99	100	98	97	92	96	97	96	81	91	94	83	93	88	82	92	91.2
	Minimum	71	56	64	72	69	68	70	71	71	73	78	73	73	73	75	72	71	71	68	73	73	74	70	68	68	75	68	71	78	67	67	70.7
Fayetteville	Maximum	83	82	80	89	85	85	91	93	91	94	95	93	94	95	97	99	100	97	95	90	96	98	97	83	89	92	90	89	86	87	92	91.2
	Minimum	68	59	65	72	69	70	69	74	71	71	69	72	71	70	71	69	69	69	66	72	72	70	71	67	67	75	69	72	74	70	66	69.6
Fort Smith	Maximum	86	87	84	94	88	86	94	96	97	97	98	97	97	99	98	101	99	98	95	93	96	96	100	83	95	97	90	95	86	87	94	93.6
	Minimum	75	64	70	75	76	73	74	76	75	75	75	76	76	75	78	77	78	77	77	78	78	75	71	72	71	75	74	75	76	74	71	74.6
Gravette	Maximum	83	85	81	89	87	85	92	92	92	94	95	94	94	96	97	98	98	96	95	92	96	96	95	80	90	91	91	91	90	85	92	91.5
	Minimum	70	53	65	70	66	67	68	69	70	70	68	70	69	69	69	67	69	69	67	63	72	69	68	66	66	67	71	71	70	68	68	68.2
Helena	Maximum	84	82	85	88	80	85	85	93	92	94	97	94	96	97	100	100	95	92	92	93	96	99	94	87	95	96	95	89	93	89	92	91.9
	Minimum	69	68	65	62	74	73	73	67	69	72	72	70	73	74	75	74	76	72	73	73	70	72	69	70	72	72	74	73	69	70	68	71.1
Hope	Maximum	90	81	90	93	91	92	93	94	98	97	97	98	98	100	99	99	96	97	94	95	94	98	100	90	92	96	96	97	97	99	99	95.2
	Minimum	74	71	71	74	73	69	75	74	73	70	71	73	74	75	75	76	75	69	73	73	72	72	79	69	70	72	75	72	71	70	70	72.3
Hot Springs	Maximum	88	88	89	91	87	92	98	101	99	99	98	99	101	95	102	101	100	97	96	95	99	96	86	88	94	98	89	88	91	86	90	94.2
	Minimum	76	74	73	75	78	71	74	76	74	73	73	76	76	76	72	78	76	72	73	78	76	70	72	79	70	70	80	72	76	72	72	74.4
Jonesboro	Maximum	90	85	85	91	88	83	94	94	94	95	95	96	98	100	101	102	100	98	99	95	98	100	81	93	92	96	94	99	95	82	91	93.7
	Minimum	71	70	62	73	75	74	73	69	74	72	77	73	75	78	79	77	73	77	73	77	76	71	72	69	71	72	72	75	75	72	69	73.2
Lead Hill	Maximum	85	86	88	96	84	91	95	96	97	97	97	97	96	98	98	98	98	97	98	96	98	101	96	86	91	98	86	98	93	81	94	94.0
	Minimum	71	54	63	70	72	70	68	67	69	67	69	69	69	69	70	68	66	67	64	69	70	70	68	67	67	69	71	72	71	68	62	67.9
Little Rock	Maximum	87	83	84	90	88	85	94	95	95	93	97	97	97	97	98	99	96	91	94	93	94	97	94	91	94	95	92	90	90	79	92	92.4
	Minimum	75	68	71	72	73	72	72	73	75	72	77	75	80	80	80	80	80	78	78	75	74	76	73	73	75	74	78	74	74	71	71	74.8
Lutherville	Maximum	87	84	82	91	82	86	91	93	94	93	98	96	95	99	99	100	98	96	95	92	93	98	94	88	95	96	93	91	89	81	90	92.3
	Minimum	73	61	68	72	71	72	72	69	72	71	74	73	73	72	75	77	74	72	76	75	72	73	71	69	69	72	72	70	72	70	68	71.6
Magnolia	Maximum	93	92	89	94	90	90	92	95	99	100	98	100	102	101	101	99	100	100	98	95	97	98	99	97	97	97	99	98	100	98	99	97.0
	Minimum	73	72	73	74	75	70	76	76	70	71	74	74	76	76	77	76	76	70	72	74	72	73	74	67	72	73	75	74	72	76	72	73.4
Malvern	Maximum	85	88	78	94	96	85	93	96	96	97	97	97	99	99	101	103	101	98	94	95	92	97	96	94	96	94	94	95	91	86	97	94.3
	Minimum	72	68	68	75	76	71	73	73	70	70	72	74	74	75	75	75	77	71	73	73	71	71	72	68	70	71	72	72	71	73	68	72.1
Mammoth Spring	Maximum	86	82	80	92	87	89	92	94	93	94	94	95	96	97	98	99	99	98	98	97	96	100	87	89	89	95	90	94	90	79	88	92.2
	Minimum	70	52	61	73	69	73	71	69	70	73	73	71	72	71	73	72	74	71	68	72	73	73	70	69	72	72	71	71	70	71	65	70.2
Marianna	Maximum	89	85	85	90	87	85	90	94	95	94	95	96	98	97	98	98	98	96	93	94	95	98	95	93	92	96	95	95	93	90	93	93.3
	Minimum	71	66	68	68	67	75	74	69	72	70	71	72	75	76	76	76	74	75	76	75	72	74	72	73	72	72	75	75	72	74	70	72.5
Marshall	Maximum	81	80	80	88	88	83	90	88	92	94	94	89	90	98	96	97	96	96	92	90	89	96	95	87	86	91	91	93	86	84	89	90.0
	Minimum	67	54	64	70	67	68	68	65	67	69	68	70	68	68	72	67	66	67	65	70	69	68	67	67	67	72	68	72	70	66	62	67.1
Mena	Maximum	84	86	82	89	88	95	92	94	94	94	96	94	95	97	97	98	96	96	91	88	94	97	93	89	93	95	93	95	86	90	97	92.2
	Minimum	71	65	68	72	75	69	69	70	72	69	70	70	70	70	72	73	72	67	71	72	71	70	71	70	65	71	70	70	70	72	70	70.2
Mount Ida	Maximum	87	80	84	80	86	84	93	97	95	95	96	95	96	97	101	101	100	96	92	92	94	98	101	92	90	97	98	95	98	88	99	93.5
	Minimum	72	66	68	71	71	69	70	69	67	68	69	68	69	69	71	70	70	65	69	71	72	68	69	67	67	66	68	68	69	70	69	68.9
Newport	Maximum	90	82	82	90	84	82	93	93	93	93	98	94	96	99	100	101	101	98	97	93	97	99	80	89	93	95	95	97	95	81	91	92.6
	Minimum	70	61	65	73	75	73	73	66	70	71	73	72	75	76	76	77	72	74	74	75	73	74	70	70	73	73	72	73	73	71	67	71.9
Pine Bluff	Maximum	89	82	86	90	89	85	91	94	93	93	93	94	96	95	96	96	95	95	93	93	97	100	100	96	95	97	99	91	89	82	97	92.9
	Minimum	74	70	72	75	76	72	73	70	71	70	74	76	77	78	77	79	79	77	75	74	72	75	74	73	74	73	76	74	72	72	69	74.0
Pocahontas	Maximum	90	87	83	91	91	86	96	95	95	98	96	97	100	102	102	103	103	102	100	98	99	103	87	95	95	96	92	99	95	80	92	95.1
	Minimum	71	57	59	70	73	72	70	68	70	70	75	68	71	73	73	74	73	75	70	78	72	73	70	67	71	72	73	74	69	66	66	70.4
Portland	Maximum	95	81	91	90	93	91	95	97	96	94	98	98	97	100	99	100	97	94	94	95	96	96	97	94	94	98	98	98	92	91	93	94.9
	Minimum	75	72	71	75	74	74	74	71	69	67	71	73	74	73	74	75	79	73	72	71	70	74	74	68	68	70	72	69	68	71	68	71.9
Prescott	Maximum	90	82	90	94	95	87	94	96	97	97	98	98	99	100	101	101	101	99	97	94	94	98	100	97	94	97	98	98	95	92	97	95.8
	Minimum	76	70	71	75	75	69	75	74	73	70	73	75	75	76	77	79	72	74	73	73	73	73	74	68	72	72	75	73	71	74	70	73.2
Searcy	Maximum	90	83	80	89	86	82	92	95	93	93	97	95	95	98	98	101	98	94	95	92	95	98	92	97	92	96	98	95	93	86	93	92.9
	Minimum	68	62	65	72	73	72	71	68	69	69	73	71	74	75	74	74	75	73	73	73	72	71	72	70	71	71	71	75	71	73	66	71.2
Stuttgart	Maximum	86	85	86	91	90	88	93	95	97	96	98	98	99	98	98	98	95	95	95	96	96	98	92	94	94	96	98	91	90	88	96	93.9
	Minimum	74	65	70	69	75	74	76	69	71	68	73	73	75	76	75	77	74	75	75	74	72	74	72	70	73	73	73	74	70	73	67	72.5
Texarkana	Maximum	91	83	89	93	92	90	91	93	95	94	95	95	97	99	102	100	98	97	93	92	95	95	96	97	95	96	97	100	100	100	101	95.2
	Minimum	75	72	81	72	74	68	74	75	73	70	72	73	72	75	74	76	74	70	70	72	72	72	73	69	70	70	72	74	72	72	72	72.3
Thornburg	Maximum	..	..	..	88	85	84	95	95	91	99	95	94	95	96	103	98	96	97	93	93	90	98	98	95	92	94	93	94	90	82	93	92.5
	Minimum	..	..	..	..	..	..	..	68	66	70	74	69	70	68	70	71	69	66	60	59	67	66	68	67	65	70	68	71	69	69	65	67.7
Warren	Maximum	91	82	87	91	87	86	95	99	99	98	96	97	98	99	102	102	99	98	95	96	96	100	99	95	93	96	96	96	92	91	96	95.1
	Minimum	72	71	73	75	73	70	72	73	71	67	74	76	76	77	77	79	79	75	74	73	71	75	71	70	71	73	77	74	71	73	70	73.3
Wilson	Maximum	85	82	84	88	85	83	88	90	93	91	93	92	95	98	98	99	95	95	94	93	95	97	86	92	92	96	94	96	93	84	90	91.5
	Minimum	70	60	61	72	74	73	73	69	71	72	74	69	74	71	74	74	70	69	69	69	75	74	71	70	68	68	71	73	72	72	67	70.7
Wynne	Maximum	89	87	86	90	89	85	90	92	95	94	96	96	97	96	96	97	96	95	96	94	95	97	91	92	95	95	94	96	96	81	93	92.9
	Minimum	68	61	61	68	73	72	71	65	69	69	72	69	68	75	72	71	73	74	72	72	71	72	67	65	71	69	69	72	71	70	64	69.6

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

1.05
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., AUGUST, 1932 No. 8

GENERAL SUMMARY

Although the mean temperature for August, 1932, was not unusually high, temperatures were below normal for only four or five days during the month, the cool weather occurring generally on the 4th and 5th and from the 18th to the 22d. The lowest temperatures for the month occurred at most stations around the 20th and the highest either the first or latter part of the month. The mean temperature for the State, based on the reports of 59 stations, was 81.5°, which is 1.7° above normal, all stations except four for which normals have been computed having positive departures. Monthly means ranged from 73.5° at Dutton to 85.0° at Pine Bluff. The highest temperature recorded was 104° at Texarkana on the 3d and at Ozark on the 6th; the lowest, 47° at Dutton on the 9th. The greatest daily range was 44° at Lead Hill on the 9th.

Heavy rains occurred in much of the northeastern portion of the State on the 3d or 4th but thereafter showers were generally light to moderate in the northern half, light at most stations in the southern, with Amity reporting no rain during the month and Camden and Carthage only 0.05 inch. In some portions of the Ozarks and in the area around Fort Smith rainfall was also very light, while the northeastern portion of the State had seven stations with monthly totals exceeding 4.00 inches. The average precipitation for the State for 91 stations was 1.78 inches which is 1.94 inches below normal. Of the stations with records of 10 years or more, only 6 had positive departures while 63 were negative. Monthly totals ranged from none at Amity to 5.98 at Marshall. Twenty-seven stations had monthly totals of less than 1.00 inch, while 4 stations had over 5.00 inches and 11 others over 3.00 inches. The greatest amount measured in any 24-hour period was 3.28 inches at St. Francis on the 3d. The average number of rainy days was 5.

The weather during August was generally favorable for cotton in most of the lowlands but was too dry for the uplands except in the northeastern portion of the State where rainfall was considerably heavier than in other sections. Sections around Fort Smith and in the Ouachita river basin received very little rain and by the latter part of the month deterioration was general in those areas. The dry weather caused cotton to open early and by the middle of the month several bales had been ginned. Early corn was so nearly matured that it was not materially damaged but late corn was seriously damaged in many localities as were all minor crops where rainfall was light. Grapes yielded abundantly but the price was low except for the early crop. The weather was favorable for rice and the yield is generally satisfactory.

T.A.M.

Killed by Lightning:—Near Melbourne, August 11th, one.

Damage from Lightning:—Near Russell, August 9th, barn with contents destroyed, loss $1,000; near Helena, August 16th, cotton gin destroyed, loss $15,000.

Miscellaneous Phenomena
Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs																1	1														
Light Hail																															
Moderate Hail																															
Hail																															
Thunderstorms	2	12	18			1	11	20	24	27	13	14	19	21	15	13	17	18						3	22	28	21	5		1	12

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MISCELLANEOUS DATA

Stations	Pressure, Sea-level: Mean	Highest	Date	Lowest	Date	Wind: Total movement miles	Maximum velocity	Direction	Date	Relative humidity: 7 a. m.	7 p. m.	Percentage of sunshine
Bentonville	29.95	30.14	21	29.68	6	3,896	15	ne	6	......	......	93
Fort Smith	29.92	30.13	22	29.70	6	5,223	21	[illegible]	9	78	43	79
Little Rock	29.95	30.16	23	29.79	6	5,151	24	n	18	79	53	87
Memphis	29.97	30.19	23	29.79	6	4,387	16	nw	3	81	61	83

COMPARATIVE DATA FOR AUGUST

Year	Temperature: Monthly average	Departure	Highest	Date	Lowest	Date	Precipitation: Average	Departure	Number of days: Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**79.8**		**115**		**39**		**3.72**		**16**	**10**	**5**	**7**
1891	76.4	−3.4	108	17	39	24	2.75	−0.97	21	8	2	5
1892	78.3	−1.5	106	6	47	31	4.39	+0.67	13	11	7	9
1893	77.3	−2.5	102	8	48	30	3.08	−0.64	18	9	4	5
1894	78.1	−1.7	104	14	48	5	4.63	+0.91	12	11	8	8
1895	79.4	−0.4	102	19	55	1	2.64	−1.08	18	9	4	4
1896	82.6	+2.8	112	6	48	29	2.32	−1.40	17	9	5	5
1897	79.6	−0.2	111	4	45	17	2.59	−1.13	17	10	4	5
1898	79.4	−0.4	108	21	54	12	4.35	+0.63	13	13	5	7
1899	82.2	+2.4	112	12	54	12	2.04	−1.68	19	9	3	4
1900	81.1	+1.3	108	21	57	2	2.95	−0.77	16	12	3	5
1901	80.5	+0.7	109	8	52	7	2.95	−0.77	14	13	4	6
1902	80.7	+0.9	108	4	51	7	2.55	−1.17	19	9	3	4
1903	78.7	−1.1	105	4	47	31	4.34	+0.62	15	12	4	8
1904	78.1	−1.7	105	25	46	27	2.81	−0.91	16	12	3	6
1905	79.1	−0.7	103	25	51	28	3.73	+0.01	18	10	3	6
1906	77.9	−1.9	100	19	42	28	4.92	+1.20	14	10	7	10
1907	82.0	+2.2	113	10	54	4	2.92	−0.80	16	10	5	6
1908	79.3	−0.5	103	6	52	26	4.48	+0.76	15	10	6	8
1909	82.4	+2.6	111	17	47	30	1.27	−2.45	20	8	3	4
1910	79.2	−0.6	104	3	43	27	3.92	+0.20	13	12	6	8
1911	78.0	−1.8	107	9	45	30	8.19	+4.47	11	11	9	12
1912	78.7	−1.1	105	27	45	4	3.30	−0.42	15	10	6	7
1913	82.1	+2.3	107	7	46	23	1.62	−2.10	20	10	1	3
1914	78.5	−1.3	104	3	57	6	6.81	+3.09	8	11	12	12
1915	74.7	−5.1	102	8	40	31	10.44	+6.72	9	9	13	11
1916	81.8	+2.0	107	13	46	24	2.63	−1.09	17	9	5	5
1917	77.1	−2.7	104	16	43	25	4.10	+0.38	16	7	8	8
1918	82.6	+2.8	115	4	52	14	3.90	+0.18	15	9	7	7
1919	80.6	+0.8	113	5	55	19	4.29	+0.57	16	8	7	7
1920	76.8	−3.0	102	6	46	4	4.08	+0.36	13	9	9	8
1921	81.5	+1.7	106	5	56	8	5.46	+1.74	15	9	7	8
1922	80.4	+0.6	111	23	51	27	1.90	−1.82	18	8	5	5
1923	81.9	+2.1	109	4	49	24	2.43	−1.29	18	8	5	4
1924	82.2	+2.4	108	3	43	15	2.40	−1.32	20	8	3	5
1925	80.3	+0.5	108	19	47	1	1.81	−1.91	22	7	2	4
1926	80.7	+0.9	110	6	47	25	5.50	+1.78	14	10	7	10
1927	76.6	−3.2	105	1	43	21	6.01	+2.29	12	10	9	10
1928	81.3	+1.5	105	28	51	31	4.62	+0.90	17	8	6	7
1929	80.8	+1.0	110	6	41	15	1.29	−2.43	22	7	2	3
1930	81.8	+2.0	114	9	46	26	2.53	−1.19	17	10	4	5
1931	76.7	−3.1	103	8	42	12	4.71	+0.99	15	9	7	9
1932	81.5	+1.7	104	3+	47	19	1.78	−1.94	19	10	2	5

Corrections, July, 1932

Amity, maximum temperature 31st should be 97°; mean maximum temperature 95.2°; mean temperature 83.3°; departure +2.6°.

Correct river stages as follows:

Camden, Ark.:—Subtract 0.2 ft. from stages of —2.0 ft. to 5.0 ft. from June 7, 1926, to June 24, 1932; subtract 0.4 ft. from stages from 5.1 ft. to 20.0 ft. from June 8, 1926, to June 24, 1932; subtract 0.1 ft. from stages from 20.1 ft. to 35.0 ft. from Sept 3, 1924, to June 24, 1932.

Danville, Ark.:—Subtract 0.1 ft. from all stages below 20 ft. from Jan. 1, 1932, to June 8, 1932.

Georgetown:—Add 0.3 ft. to stages from 22.1 ft. to 29.5 ft. from March 8, 1927, to March 10, 1929; add 0.2 ft. to stages from 20.6 ft. to 25.0 ft. from March 11, 1929, to June 2, 1932; add 0.3 ft. to stages from 25.1 ft. to 29.9 ft. from March 11, 1929, to June 2, 1932.

Climatological Data for August 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	84.0	+3.6	103	27†	60	20†	36	0.00	-4.10	0.00	0.0	0	9	22	0	s.	J. W. Campbell
Arkadelphia	Clark	250	36	...	...	...	...	...	...	...	0.52	-3.54	0.45	0.0	5	18	12	1	ne.	W. K. Bown
Arkansas City	Desha	145	48	...	...	...	...	...	...	...	1.83	-1.95	1.15	0.0	4	24	5	2	...	Herbert Neff
Arlberg	Stone	700	10	...	...	...	...	...	...	...	1.47	...	1.12	0.0	2	15	16	0	ne	J. P. Reeves
Batesville	Independence	277	33	79.0	-0.1	99	1†	50	21	40	1.81	-2.62	0.98	0.0	7	19	9	3	e.	Mrs. Lelia L. Teter
Bee Branch	Van Buren	790	40	82.4	+2.8	103	6	57	21	38	1.08	-2.86	1.08	0.0	1	21	9	1	s.	J. E. Scanlan
Bentonville	Benton	1303	27	78.5	+1.7	95	27	55	19	30	1.02	-3.16	0.61	0.0	5	31	0	0	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	...	2	...	...	...	...	...	...	...	1.85	...	1.10	0.0	6	26	2	3	...	Harry Johnson
Black Rock	Lawrence	259	30	...	...	...	...	...	...	...	4.60	+0.19	1.75	0.0	8	26	1	4	s.	Vernon C. Howe
Blytheville	Mississippi	252	7	80.8	...	98	2	58	20†	29	3.17	...	1.20	0.0	8	19	7	5	s.	Charles Phillips Jr.
Booneville	Logan	465	18	82.8	+0.8	100	6†	56	21	35	1.98	-1.34	0.90	0.0	5	11	18	2	s.	F. H. Randolph
Brinkley	Monroe	205	45	82.0	+1.6	102	1†	56	20	37	2.31	-1.21	1.00	0.0	5	18	13	0	ne.	R. J. Torry
Calico Rock	Izard	361	28	80.0	+1.0	101	2	51	21	37	3.39	-1.57	2.10	0.0	8	8	23	0	sw.	W. J. Copp
Camden	Ouachita	158	47	82.3	+1.9	100	1†	56	20	35	0.05	-3.01	0.03	0.0	2	24	7	0	sw.	Georgia Quarterman
Carthage	Dallas	...	26	81.4	...	100	16†	55	20	37	0.05	-2.73	0.05	0.0	1	11	18	2	se.	W. S. Matheny
Center Point	Howard	470	33	84.8	+2.6	102	1†	62	20†	32	0.90	-1.94	0.50	0.0	5	18	11	2	e	John C. Floyd
Clarendon	Monroe	172	28	...	...	...	...	...	...	...	0.93	-3.21	0.58	0.0	4	21	8	2	s.	J. W. Bishop
Clinton	Van Buren	516	11	...	...	...	...	...	...	...	1.75	-2.87	0.60	0.0	4	11	20	0	se.	A. L. Stephens
Conway	Faulkner	309	19	82.8	+1.4	101	16†	55	21	36	0.76	-2.69	0.42	0.0	3	22	7	2	sw.	E. E. Cordrey
Corning	Clay	293	39	80.8	+2.5	103	2	53	20†	37	2.81	-0.87	2.00	0.0	7	19	11	1	se.	Winfred D. Polk
Cotter	Baxter	408	5	...	...	...	...	...	...	...	1.22	...	0.85	0.0	2	27	3	1	nw.	O. B. McFadden
Crosset	Ashley	175	20	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	G. A. Gofield
Danville	Yell	527	16	...	...	...	...	...	...	...	1.00	-2.43	0.51	0.0	6	21	2	8	s.	C. G. Hudson
Dardanelle	Yell	330	46	83.4	+2.6	101	1†	57	21	35	0.27	-3.39	0.16	0.0	3	16	14	1	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	...	...	...	...	...	...	...	1.16	...	0.40	0.0	6	25	5	1	...	H. G. Pate
Dumas	Desha	162	26	83.9	+2.8	102	1†	59	20	35	1.92	-1.55	0.52	0.0	5	12	16	3	sw.	Ben Johnson
Dutton	Madison	1790	29	73.5	-1.1	96	2	47	19	37	0.85	-3.27	0.75	0.0	2	27	2	2	s.	J. M. Ricketts
El Dorado	Union	270	31	84.8	+3.0	101	3	61	20	30	0.84	-2.47	0.72	0.0	2	8	22	1	s.	J. J. Babb
England	Lonoke	229	25	82.1^{b}	+1.8	99	1†	57^{b}	20	34^{b}	1.65	-2.37	0.88	0.0	3	23	6^{b}	0^{b}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1165	32	80.5	+2.2	98	27	54	21	37	0.69	-4.17	0.48	0.0	5	21	9	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	79.4	+1.4	97	6†	53	21	33	1.42	-2.69	0.92	0.0	3	19	11	1	sw.	University of Arkansas
Fort Smith	Sebastian	457	55	81.1	+3.6	101	6	62	20	31	0.12	-3.16	0.05	0.0	5	11	18	2	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2210	8	...	...	...	...	...	...	...	0.95	...	0.43	0.0	5	23	8	0	sw.	R. J. McCuiston
Fulton	Hempstead	260	46	...	...	...	...	...	...	...	1.04	-1.68	0.85	0.0	3	22	6	3	...	T. J. Logan
Georgetown	White	200	20	...	...	...	...	...	...	...	2.59	-1.21	1.01	0.0	3	24	2	5	...	W. R. Owens
Gilbert	Searcy	675	8	...	...	...	...	...	...	...	1.14	...	1.23	0.0	6	21	9	1	...	S. G. Battenfield
Grannis	Polk	900	13	80.4	+1.2	101	3	53	21	37	1.12	-2.22	0.55	0.0	5	18	11	2	e.	W. E. McVay
Gravette	Benton	1250	35	79.4	+2.0	98	27	53	20	33	0.67	-3.41	0.37	0.0	3	20	11	0	sw.	A. F. Stevens
Harrison	Boone	1052	32	79.2	+2.7	100	10†	54	19	36	0.85	-2.95	0.57	0.0	2	28	3	0	sw.	Louis R. Keck
Helena	Phillips	250	60	80.9	+0.3	97	2†	59	20	33	2.45	-1.24	1.00	0.0	7	9	15	7	se.	James A. Burnett
Higden	Cleburne	415	13	...	...	...	...	...	...	...	1.75	-3.05	0.75	0.0	9	11	20	0	w	Geo W. Baker
Highland	Pike	...	12	83.7	...	99	1†	60	19	36	1.67	-1.78	1.19	0.0	3	11	20	0	s.	Tom W. Stewart
Hope	Hempstead	377	61	84.8	+2.6	102	1	63	5	36	0.10	-3.27	0.16	0.0	1	25	4	2	n.	N. P. O'Neal
Hot Springs	Garland	600	41	...	...	101	1†	...	...	...	1.27	-2.47	0.35	0.0	6	10	17	4	...	G. C. Bolton
Index ‡‡	Little River	275	7	...	...	...	...	...	...	...	1.09	...	0.80	0.0	3	21	6	4	...	H. G. Sanderson
Jessieville	Garland	750	6	...	...	...	...	...	...	...	0.35	...	0.35	0.0	2	15	15	1	...	U. S. Forest Service
Jonesboro	Craighead	315	37	81.4	+1.4	99	1†	56	21	28	4.15	+0.60	2.50	0.0	6	22	8	1	nw.	Benedictine Sisters
Lead Hill	Boone	650	28	79.9	+1.3	101	6†	48	21	44	0.81	-3.31	0.31	0.0	5	26	5	0	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	82.8	+3.0	97	1	62	20	26	1.25	-2.50	0.56	0.0	5	16	12	3	s.	U. S. Weather Bureau
Lurton	Newton	2100	7	...	...	...	..	...	...	...	...	...	...	..	.	..	..	..	...	L. C. Sutton
Lutherville ‡‡	Johnson	775	33	82.6	+3.2	100	6	59	20	34	1.33	-2.71	0.65	0.0	5	20	6	5	se.	H. G. Leuhardt
Madison	St. Francis	...	2	...	...	..	...	...	...	...	5.32	...	1.85	0.0	5	23	3	5	...	William G. Hager
Magnolia	Columbia	315	16	84.8^{c}	+2.6	103^{c}	1†	60^{c}	20	37^{c}	0.96	-2.00	0.55	0.0	5	3^{c}	23^{c}	2^{c}	...	State Agri. School
Malvern	Hot Springs	277	45	82.6	+2.5	100	6	58	21	35	1.51	-1.95	0.65	0.0	6	23	8	0	s.	Mrs W. L. Matthews
Mammoth Spring	Fulton	600	27	78.8	+1.4	98	2	55	20†	29	1.47	-2.89	0.50	0.0	5	22	7	2	s.	S. F. Whittaker
Marianna	Lee	235	20	81.0	+1.2	97	2	61	20†	30	3.25	+0.32	1.41	0.0	7	12	19	0	sw.	C. N. Houck
Marked Tree	Poinsett	223	27	80.0	+1.0	98	2	57	20†	32	4.55	+0.81	2.26	0.0	6	20	11	0	n	Charles Walton
Marshall	Searcy	1070	18	76.4	+2.8	96	2	48	21	37	5.08	+0.77	1.60	0.0	8	15	13	3	s.	A. J. Parks
Mena	Polk	1185	44	81.8	+2.0	100	6†	55	21	35	1.27	-3.07	0.64	0.0	3	16	13	2	sw.	E. W. St. John
Morrilton	Conway	317	9	83.0	...	101	15	59	21	30	0.37	...	0.12	0.0	4	23	8	0	se	John Cook
Mountain Home	Baxter	800	18	79.6	+2.0	101	6	53	20	36	3.60	-0.39	2.30	0.0	7	15	12	4	sw.	R. S. Halbert
Mount Ida	Montgomery	650	33	79.5	-0.1	101	3†	49	21	41	2.52	-0.84	0.67	0.0	7	21	8	2	sw.	G. A. Whittington
Newport	Jackson	231	48	81.1	+1.4	99	1†	57	20†	31	2.19	-0.99	0.70	0.0	6	19	12	0	n.	J. D. Henderson
Norman	Montgomery	750	5	...	...	...	...	...	...	...	1.26	...	0.52	0.0	6	20	5	6	...	U. S. Forest Service
Oden	Montgomery	800	6	...	...	...	...	...	...	...	0.88	...	0.34	0.0	4	24	6	1	sw.	U. S. Forest Service
Okay	Howard	288	3	83.3	...	103	3†	56	21	40	0.62	...	0.25	0.0	5	21	10	0	s.	Charles R. Jackson
Osceola	Mississippi	210	31	82.4	+3.4	102	2	57	20	33	4.92	+1.70	1.27	0.0	6	20	8	3	s.	Charles H. Hampton
Ozark	Franklin	396	37	83.4	+1.8	101	6	55	21	39	2.60	-1.28	2.60	0.0	1	22	3	6	e.	Orkney O. Milton
Paragould	Greene	301	9	...	...	...	...	...	...	...	3.20	...	1.08	0.0	7	23	6	2	ne.	W. R. Heagler
Parkin	Cross	...	2	...	...	...	...	...	...	...	2.09	...	1.64	0.0	5	19	1	11	...	P. D. Roberts
Patterson	Woodruff	196	16	...	...	...	...	...	...	...	1.62	-1.40	0.73	0.0	5	25	6	0	ne.	W. E. Baker
Piggott	Clay	307	7	...	...	...	...	...	...	...	5.50	...	3.15	0.0	8	19	8	4	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	85.0	+3.3	103	1	61	20	33	2.72	-0.42	1.78	0.0	6	16	15	0	sw	Miss Theresa Scheu
Pocahontas	Randolph	300	39	80.0	+0.6	98	2	56	20	31	3.06	-1.63	2.05	0.0	6	11	10	10	sw.	Benedictine Sisters
Portland	Ashley	122	26	80.6	-0.8	100	3	53	20	35	0.6[illegible]	-2.76	0.13	0.0	4	5	23	3	s.	W. E. Edmiston
Prescott	Nevada	329	11	83.6	+2.1	101	1	60	20†	31	1.01	-2.97	0.51	0.0	4	21	9	1	e.	Craig Williams
Rison	Cleveland	243	31	84.2	+2.5	103	17	58	20	34	1.30	-1.80	0.90	0.0	2	18	13	0	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	41	79.2	+2.0	97	6†	52	21	35	2.52	-1.23	0.78	0.0	7	24	6	1	s.	Carl A. Starck
Saint Charles	Arkansas	175	3	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	
Saint Francis	Clay	290	4	...	...	...	...	...	...	...	5.94	...	3.28	0.0	7	20	10	1	...	S. T. Rooney
Searcy	White	236	22	80.8	+0.7	100	1	57	20	35	2.23	-1.48	1.11	0.0	6	24	6	1	se.	Arthur D. Smith
Springbank ‡‡	Miller	240	25	...	..	...	...	...	...	...	0.76	-2.65	0.23	0.0	6	23	2	6	...	Miss Grace Field
Story	Montgomery	700	8	...	...	...	...	...	...	...	1.22	...	0.61	0.0	3	22	8	1	s.	S. C. Story
Stuttgart	Arkansas	228	45	82.8	+2.2	101	1	56	20	36	1.02	-2.51	0.55	0.0	4	11	19	1	s.	Adam F. Suerkle
Subiaco	Logan	1050	35	83.4	+2.0	103	2†	53	21	37	1.27	-2.32	0.46	0.0	6	16	9	6	s.	New Subiaco Abbey
Sunset	Washington	...	1	78.7	...	95	13†	59	19†	25	1.46	...	0.66	0.0	4	21	10	0	sw.	Walter James
Texarkana	Miller	332	46	83.6	+1.4	101	3	58	21	34	1.12	-1.95	0.45	0.0	4	23	6	2	s.	H. S. Brashear
Thornburg	Perry	650	11	...	...	...	...	48	21	...	2.06	-1.66	0.99	0.0	6	20	10	1	e.	Edward E. Holmes
Waldron	Scott	675	13	...	...	...	...	...	...	...	0.96	-1.66	0.67	0.0	4	14	12	6	se.	Dr. Cheves Bevill
Warren	Bradley	206	38	83.1	+1.7	100	2	60	20†	29	0.53	-3.06	0.23	0.0	5	19	12	0	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	...	...	...	...	...	...	...	1.02	...	0.72	0.0	2	21	9	1	sw.	J. R. Huddleston
Whitecliffs	Little River	290	28	...	...	...	...	...	...	...	2.61	-0.14	1.10	0.0	4	17	10	4	s.	Nannie O. Schirmer
Wilson	Mississippi	237	7	79.4	...	98	2	51	20	31	3.39	...	1.27	0.0	8	21	9	1	s.	D. N. Morris
Wynne	Cross	250	24	80.0	0.0	100	1†	55	21	34	2.43	-1.51	0.80	0.0	5	22	9	0	s.	R. T. Cobbs
Yancopin	Desha	167	8	...	...	...	...	...	...	...	0.51	...	0.34	0.0	5	22	8	1	...	W. E. Barton
State Means				81.5	+1.7	104	3†	47	19	44	1.78	-1.94	3.28	0.0	5	19	10	2	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for August, 1932

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
atty	Ouachita																																0.00
adelphia.	Ouachita											.45	.02			01				.03									.01				0.52
kansas City	Mississippi				.25					T.	.04	T.						T.	T.	.06							T.	1.45					1.80
lberg.	White													1.12														.35					1.47
atesville.	White			.02					T.		.98		.08				T.	.10	.39								.01	.23	T.	T.			1.81
e Branch.	Arkansas										1.08					T.										T.							1.08
entonville ***	Arkansas		T.					.04		.59	.02							T.	T.								.02			T.		.35	1.02
g Lake Outlet	St. Francis			.25								.10				.10		.20	1.10								.10						1.85
ack Rock	White			1.75					T.		.44				.01		.04	.48	.57								.72	.59					4.60
ytheville	St. Francis			.76				.01	T.							32	.31	.02	1.20	T.							.20	.35					3.17
oneville	Arkansas								.20	.44	.90		.05						T.							.39	T.						1.98
rinkley	White												1.00		.05			.53	.70									.03					2.31
lico Rock	White			2.10				T.			.48		T.	.10	.04		.31	.06	T.								.19	.11	T.				3.39
mden	Ouachita								.03	.02																							0.05
arthage	Ouachita																										.05						0.05
enter Point	Red							.05	.08						.25	T.			.50						.02								0.90
arendon	White									T.									.23	.02							.10	.58					0.93
inton	White			T.						.21				.59												T.	.35	.60					1.75
onway	Arkansas								T.		.30					T.										.04	.42						0.76
orning	White			2.00							.22			.01		.04	.38	.09	.07														2.81
otter	White			.85				T.							.37				T.														1.22
rossett	Ouachita																																
anville	Arkansas									.51		.12		.10		.10		.03										.14					1.00
ardanelle	Arkansas													.16		.05											.06						0.27
e Valls Bluff	White		.20									.10	.33						.40								.11	.02					1.16
umas	Mississippi				.40											.12			T.	.82								.10	.48				1.92
utton	White			.75							.10																						0.85
l Dorado	Ouachita				T				T.							T.		.72		.12						T.							0.84
ngland	Arkansas								.21			T			T.				.56									T.				.88	1.65
ureka Springs	White			.01				.03		.48	.09				.05																		0.69
ayetteville	White							T.		.92	.49						T.	T.								T.	.01					T.	1.42
ort Smith ***	Arkansas							.01		.03	.01			.05	T.	T		T.	T.							T.		T.			T.	.02	0.12
reeman Sprgs.	Arkansas		.02								.13				.43												.28	T.	.09				0.95
ulton	Red								T.	.04		T.				.85										.15	T.						1.04
eorgetown	White										.60								.98								T.	1.01					2.59
ilbert	White			1.23							.10		.01	T.					.01								.09	T.					1.44
rannis	Red								.55						.33	T.			.01						.16							.07	1.12
ravette	Arkansas		T.					.20		T.	.37							.10								T							0.67
arrison	White			.57										.28												T.							0.85
elena	Mississippi									.37							.25	1.00	.44	.18								.19	.02				2.45
igden	White			.44							.76			.05		T.	T	.03	.10								.22	.01	07			.07	1.75
ighland	Ouachita								.04						.44				1.19														1.67
ope	Red														T.				.10														0.10
ot Springs	Ouachita								.25							.28			.29							07	.03					.35	1.27
ndex	Red								.09							.80										.20							1.09
essieville	Ouachita																											*	.35				0.35
onesboro	White			2.50					T.		.55							.12	.04								.33	.61			T.		4.15
ead Hill	White		T.					T.		.02		31	T.	T.		T.	.22	.04								.22	T.						0.81
ittle Rock ***	Arkansas							T.	.17		T.	.21					T.	T.	.56							.03	.28	T.				T.	1.25
urton	White																																
utherville	Arkansas							.04		.11	.19	.32	.66	T.																			1.32
adison	St. Francis			T.											1.85			.72	1.44								.42	.89					5.32
agnolia	Red			.03											.06					.55			.07		.25								0.96
alvern	Ouachita									.68			.03			.32		.03										.13	.32				1.51
ammoth Spg.	White			.50							.12		.25			T.		T.	.20									.40					1.47
arianna	St. Francis										.60					01	.02	1.41	.11								1.00		.10				3.25
arked Tree	St. Francis			2.26													.64	.71	.15								.32	.47					4.55
arshall	White			1.20						.13	.34	.40	.81	1.60												.90		.60					5.98
ena	Ouachita									.56		T.				.64			T.								.07						1.27
orrilton	Arkansas				.05					T	.12			.08													.12						0.37
ountain Home	White		.06							2.30		T	T.	.75			.10		.04							T	.25					.10	3.60
ount Ida	Ouachita								.23		.67		.33		.13											.46	.24	.46					2.52
ewport	White			.33							.42				.70				.45								.57	.02					2.49
orman	Ouachita									.32		.05	T.			.22				.52						.02			.07				1.20
gden	Ouachita			.21						.20						.13											.34						0.88
kay	Red			.10					.03						.12	.12			.25														0.62
sceola	Mississippi			1.27					T.			T.			T.		.98	.53	.81								.52	.81					4.92
zark	Arkansas										2.60	T							T.														2.60
aragould	St. Francis			.86					T.		T.	.03				.11	.32		.59								1.08	.21					3.20
arkin	St. Francis			1.64											.09	.03			.10								.23						2.09
atterson	White										.16		.12		.73					T.							.55	.06					1.62
iggott	St. Francis			3.15					.03			T.	.12	.02	.78	.16	.04	1.20															5.50
ine Bluff	Arkansas									.52		T.	.05			1.78			.08	.04									.25				2.72
ocahontas	White			2.05					.08								.08	.12								.06	.67						3.06
ortland	Ouachita												.03	T.				.08		.43						T.	.06						0.60
rescott	Ouachita								.10				.32			.08				.51													1.01
ison	Ouachita											.90	.40																				1.30
ogers	White							.02		.25	.58								.65							.04	.20					.78	2.52
t. Charles	White																																
t. Francis	St. Francis			3.28							T.		T.	.06	T.	.38	T.	.40	1.32								.29	.21					5.94
earcy	White			.30							1.11						.17		.21								.40	.04					2.23
pringbank	Red				.07				T.	.21					.02	.11				.23						.12							0.76
tory	Ouachita									.11	.61			.50																			1.22
tuttgart	Arkansas									.55									.24	.01							.22						1.02
ubiaco	Arkansas									.11	.17	.22	.29			.46												.02					1.27
unset	Arkansas									.46	.21			.66	.13																		1.46
exarkana	Red								.45	.10						.32										.25							1.12
hornburg	Arkansas								.05		T.		.34			T.			T.							.99	.03	.60				.05	2.06
aldron	Arkansas			.04					.14						T											.67	.11	T.					0.96
arren	Ouachita				T.				.05		.23							T.	T.							.05	T.	.10	.10				0.53
aters	Ouachita									.72																	.30						1.02
hitecliffs	Red				T.				.65	.14						1.10				.72											T.		2.61
ilson	Mississippi			1.27										.03	.30		.27	.15	.15								.04	1.18					3.39
ynne	St. Francis			.31											.32			.78	.80								.22						2.43
ancopin	Arkansas				.04					T.	.01							.10	.34	.02								T.					0.51

Daily River Stages for August, 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	7.8	8.3	7.4	6.7	6.6	5.7	5.4	5.2	4.8	4.7	4.5	4.4	4.3	4.0	3.9	3.9	3.9	3.8	3.6	3.6	12.6	11.7	9.8	8.5	7.3	6.7	6.3	5.7	5.3	4.9	4.5
zark	do	22	4.2	4.2	4.3	3.6	2.9	2.4	2.0	1.8	1.4	1.3	1.0	0 8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.1	0.3	8.6	7.0	5.4	4.4	3.1	2.8	2.2	1.9	1.0	1.0
ardanelle	do	22	7.6	7.0	6.9	6.8	6.4	5.9	5.5	5.3	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.8	6.6	10.2	8.9	7.8	7.0	5.3	5.8	5.4	5.1	4.8
orrilton	do	20	3.5	3.4	2.9	3.0	2.6	1.9	1.3	0.8	0.5	0.3	0.0	-0.2	-0.5	-0.6	-0.8	-0.9	-1.0	-1.1	-1.2	-1.2	-1.4	-1.4	6.4	6.3	4.7	3.6	2.5	1.7	1.1	0.7	0.2
ittle Rock	do	23	1.6	3.4	3.3	2.8	2.9	2.9	2.0	1.5	1.1	0.8	0.6	0.8	0.4	0.2	0.0	-0.1	-0.2	-0.3	-0.4	-0.5	-0.6	-0.6	-0.6	6.0	5.8	4.4	3.9	2.4	1.8	1.3	0.9
ine Bluff	do	25	6.9	7.3	8.7	8.6	8.1	8.1	7.8	7.3	7.9	6.7	6.7	6.7	6.7	6.0	5.7	5.2	5.0	4.9	4.9	4.7	4.5	4.5	4.5	4.6	10.4	10.2	9.2	8.2	7.6	7.1	6.8
ancopin	do	29	10.0	10.0	10.2	12.0	12.2	11.7	11.5	11.1	10.5	10.0	9.4	9.0	8.8	8.4	8.1	8.0	7.7	7.4	7.2	7.1	6.9	6.7	6.7	6.7	6.8	13.4	14.4	13.4	12.3	11.2	10.2
anville	Petit Jean	20	1.7	1.6	1.5	1.4	1.4	1.3	1.3	1.3	2.4	2.1	1.8	1.4	1.2	1.4	1.6	1.6	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.8	0.8

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.8	3.5	3.5	3.4	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.9	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.3	2.2	2.2	2.2
Calico Rock	do	18	1.1	1.3	1.1	1.0	0.9	0.7	0.7	0.4	0.1	0.6	0.0	-0.1	-0.1	-0.1	0.0	0.0	-0.2	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3	-0.2	-0.5	-0.5	-0.2	-0.2	-0.5	-0.5	-0.6
Batesville	do	23	5.5	5.6	5.8	6.1	5.6	5.4	5.2	5.2	5.0	4.9	5.0	4.6	4.3	4.3	4.4	4.6	4.6	4.4	4.2	4.3	4.3	4.2	4.2	4.2	4.2	4.4	4.2	4.3	4.3	4.1	3.9
Newport	do	26	1.8	1.7	1.7	2.5	2.5	2.0	1.7	1.3	1.3	1.0	1.7	1.3	1.0	0.7	0.7	0.7	0.8	1.0	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6	0.4
Georgetown	do	22	2.8	2.4	2.2	2.1	2.1	2.7	2.7	2.5	2.2	2.0	1.9	1.7	1.5	1.4	1.3	1.0	0.8	0.7	1.0	1.0	1.1	1.1	1.0	0.8	0.6	0.5	0.5	0.4	0.4	0.4	0.3
De Valls Bluff	do	24	6.7	6.7	6.4	6.2	6.1	6.1	6.6	6.6	6.4	6.0	5.8	5.5	5.5	5.5	5.4	5.2	4.8	4.6	4.6	4.8	4.9	5.0	5.0	4.9	4.7	4.5	4.4	4.3	4.2	4.2	4.2
Clarendon	do	30	9.7	9.7	9.5	9.4	9.2	9.1	9.3	9.5	9.5	9.2	8.9	8.6	8.5	8.5	8.5	8.4	8.1	7.9	7.8	7.8	8.0	8.1	8.1	8.1	7.9	7.8	7.7	7.6	7.5	7.5	7.4
Gilbert	Buffalo	30	2.9	2.8	3.2	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5
Black Rock	Black	14	2.4	2.2	3.6	3.1	2.6	2.4	2.3	2.1	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.4	2.0	2.8	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.2	2.4	2.1	1.8	1.8	1.7
Arkadelphia	Ouachita	12	0.8	-1.0	-0.6	-1.0	-1.0	-1.2	-1.2	-0.6	-1.0	-1.0	-1.0	-1.0	-1.2	-1.0	-0.2	-0.8	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.0	-1.2	-1.0	-0.6	0.0	-1.0	-0.8
Camden	Ouachita	26	5.4	4.9	4.8	4.7	4.5	4.3	4.3	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.9	3.9	4.0	4.0	4.3	4.4
Fulton	Red	28	9.1	9.0	8.7	8.1	7.8	7.5	7.2	7.0	6.9	6.8	6.9	6.9	6.5	6.3	6.3	6.2	6.1	6.0	5.9	5.9	5.9	5.9	7.4	8.1	7.7	7.0	7.0	7.7	8.8	8.2	7.6
Helena	Mississippi	44	10.3	9.7	9.1	9.0	9.1	9.4	10.4	11.4	11.7	12.5	13.0	12.2	10.8	10.2	10.0	10.0	10.5	11.2	11.9	12.5	13.1	14.1	15.0	15.9	16.4	16.5	16.2	15.6	14.6	13.5	12.1
Arkansas City	do	48	12.2	11.7	11.2	10.7	10.6	10.7	10.8	11.2	12.1	12.6	13.1	13.6	13.5	12.6	11.7	11.1	10.9	11.0	11.4	12.0	12.6	13.2	14.0	14.9	15.7	16.5	17.5	17.8	17.4	16.6	15.5

Daily temperatures for August, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	98	101	102	98	99	102	101	93	98	102	100	98	99	98	99	101	100	97	92	92	95	98	98	98	98	100	103	101	98	100	103	93.8
	Minimum	72	76	76	72	64	66	67	69	66	67	70	73	73	73	71	72	73	73	69	60	60	62	66	66	65	67	70	72	74	73	71	69.3
Batesville	Maximum	99	99	83	93	97	98	91	94	97	96	96	95	97	93	93	94	98	90	83	83	87	92	91	92	92	86	94	95	95	95	97	93.1
	Minimum	65	69	71	58	58	59	67	67	64	67	69	70	70	71	69	69	71	71	57	51	50	52	58	57	63	69	68	68	75	69	68	64.8
Bee Branch	Maximum	99	99	100	91	96	103	96	93	97	96	97	98	99	97	99	99	100	97	88	84	87	93	93	94	93	98	99	100	95	99	100	96.1
	Minimum	73	75	74	65	63	65	72	71	68	69	71	72	73	71	71	71	73	77	63	58	57	63	65	63	68	72	68	71	72	67	70	68.7
Bentonville	Maximum	94	93	87	88	91	94	84	87	92	93	93	93	95	92	91	91	88	86	82	83	85	88	92	91	91	92	95	94	92	94	94	90.5
	Minimum	76	74	62	59	64	65	64	59	68	67	69	70	72	70	71	70	73	64	55	55	56	58	65	61	67	69	70	72	74	72	71	66.5
Blytheville	Maximum	96	98	97	87	88	94	92	88	93	94	95	96	95	89	90	90	92	86	84	79	87	88	91	90	89	85	92	93	92	94	95	90.9
	Minimum	73	78	71	68	66	69	71	68	74	77	76	77	75	74	73	73	73	72	59	58	58	63	65	68	70	72	69	74	75	74	75	70.6
Booneville	Maximum	97	98	97	95	98	100	96	93	97	94	91	94	97	97	98	98	92	94	89	88	90	95	96	96	92	96	98	99	98	98	100	95.5
	Minimum	77	75	76	70	64	65	70	72	68	70	71	73	74	74	74	71	75	77	64	60	56	61	67	64	70	69	70	74	77	76	73	70.2
Brinkley	Maximum	102	102	93	91	94	99	94	93	99	99	102	96	100	99	98	99	98	92	92	83	88	91	92	92	93	96	97	99	98	98	100	95.8
	Minimum	71	74	73	68	59	62	67	69	65	70	71	72	72	72	72	71	74	72	62	56	57	65	64	64	69	72	68	72	72	70	71	68.3
Calico Rock§§	Maximum	100	101	90	89	94	98	90	90	97	96	97	97	94	96	96	97	98	89	83	83	88	93	92	94	91	94	95	99	96	98	98	94.0
	Minimum	64	73	74	63	63	65	68	65	68	67	69	72	72	72	72	72	72	73	57	53	51	56	59	58	60	67	68	69	71	69	69	66.1
Camden§§	Maximum	100	97	100	93	94	97	99	93	95	98	98	98	98	95	98	100	100	95	90	89	92	97	94	94	96	98	100	98	98	99	98	96.5
	Minimum	73	76	75	72	62	63	65	67	67	68	71	72	71	72	69	71	71	74	68	56	57	63	61	65	67	68	70	69	71	68	69	68.1
Carthage§§	Maximum	99	99	96	89	91	98	96	90	97	99	98	97	98	97	98	100	100	100	85	91	91	93	94	91	95	97	98	97	95	97	97	95.5
	Minimum	73	75	73	71	62	64	66	67	67	69	70	72	72	68	67	71	70	78	63	55	57	57	57	62	68	70	69	70	70	67	68	67.4
Center Point	Maximum	102	99	100	96	99	100	102	84	100	100	102	100	98	94	96	101	99	98	90	90	91	95	94	94	97	99	99	98	97	97	99	97.1
	Minimum	79	78	77	74	69	72	74	71	68	74	74	75	76	73	73	75	77	75	69	62	62	69	69	69	72	72	74	75	75	73	74	72.5
Conway	Maximum	98	98	94	92	97	98	97	93	97	98	97	97	97	96	99	101	100	95	92	88	90	96	95	97	93	97	98	100	99	101	100	96.5
	Minimum	74	76	76	66	63	66	72	69	68	69	71	73	74	74	72	72	74	71	64	56	55	60	60	63	70	71	71	74	74	72	73	69.1
Corning	Maximum	102	103	92	90	93	96	90	93	95	98	98	99	93	92	95	93	95	91	85	85	90	93	94	94	95	92	100	101	99	99	99	94.6
	Minimum	67	77	72	64	62	67	64	63	65	68	72	72	74	74	71	71	71	71	56	53	53	57	58	62	67	72	69	69	73	71	71	67.0
Dardanelle	Maximum	101	101	96	94	94	99	96	97	100	97	97	98	98	96	94	99	97	96	92	90	90	95	95	97	94	97	96	99	97	96	97	96.3
	Minimum	77	76	79	67	64	64	93	72	69	70	73	75	74	74	72	73	74	78	65	58	57	62	67	64	71	71	71	73	75	73	73	70.5
Dumas	Maximum	102	102	100	94	94	98	101	97	99	99	102	102	100	101	101	101	99	90	88	89	91	96	93	92	99	100	99	98	100	100	99	97.6
	Minimum	75	76	77	72	64	65	66	72	69	72	74	73	74	73	72	73	73	77	65	59	60	62	64	66	70	74	70	73	74	71	72	70.2
Dutton	Maximum	94	96	90	86	87	90	93	92	95	89	89	90	94	91	90	89	87	83	80	83	85	87	90	90	91	89	90	91	90	89	88	89.3
	Minimum	67	69	65	55	54	58	60	61	69	54	56	57	60	61	62	54	50	48	47	48	51	55	57	58	58	59	57	60	61	60	59	57.7
El Dorado	Maximum	100	100	101	95	95	99	99	96	96	98	98	99	99	95	98	97	99	95	90	88	91	96	94	90	96	98	100	98	100	100	98	96.7
	Minimum	78	78	80	74	69	69	72	70	73	75	74	75	75	73	75	76	75	77	70	61	63	68	68	73	72	74	75	74	75	73	75	72.9
Eureka Springs	Maximum	93	93	89	90	94	95	87	92	94	94	95	95	97	91	93	96	92	90	85	86	90	95	97	96	93	96	98	95	93	95	97	93.2
	Minimum	76	77	70	60	64	65	66	60	67	68	70	75	73	69	70	71	72	69	56	55	54	58	63	63	68	72	74	75	75	74	72	67.8
Fayetteville	Maximum	93	95	92	89	92	97	95	90	92	91	92	93	93	92	90	92	87	87	84	82	85	88	91	92	89	94	97	94	93	94	93	91.2
	Minimum	77	75	72	60	61	61	68	60	69	67	70	73	74	73	72	71	72	70	57	54	53	57	63	61	67	69	72	74	77	75	70	67.6
Fort Smith	Maximum	100	99	98	93	94	101	94	93	97	96	100	100	99	97	96	97	90	92	88	87	87	92	93	94	91	98	98	98	98	98	97	95.3
	Minimum	79	78	75	71	69	70	72	73	71	71	74	76	77	75	76	76	77	74	65	62	63	66	71	70	72	72	75	77	80	78	76	72.9
Gravette	Maximum	93	94	93	91	94	94	91	89	94	93	92	94	96	92	92	91	87	87	83	85	88	91	93	92	93	94	98	95	95	95	95	92.1
	Minimum	76	72	69	58	62	65	65	58	66	67	69	79	76	71	70	69	70	68	54	53	55	59	65	61	66	69	68	72	72	73	71	66.7
Harrison	Maximum	97	99	95	90	95	99	88	94	98	100	98	100	98	97	97	98	98	91	84	85	88	92	80	83	82	82	94	99	95	97	100	93.3
	Minimum	75	76	67	58	61	63	67	59	65	66	67	69	69	68	68	69	70	70	54	56	58	61	63	61	57	61	62	69	69	69	67	65.2
Helena	Maximum	96	97	94	88	88	93	95	92	95	94	94	96	97	96	96	94	90	88	79	92	85	89	86	84	89	93	94	91	91	[illegible]	94	91.9
	Minimum	75	76	71	71	65	63	68	68	68	72	70	73	75	73	71	71	70	73	64	59	60	68	66	65	70	72	70	73	73	[illegible]	74	69.9
Hope	Maximum	102	99	101	93	96	100	101	92	98	98	101	100	100	97	96	98	98	97	88	88	91	96	95	94	98	99	101	100	100	[illegible]	100	97.3
	Minimum	77	77	76	72	63	64	67	68	66	74	73	73	74	70	71	71	73	71	68	72	72	75	75	75	75	76	80	73	74	[illegible]	75	72.4
Jonesboro	Maximum	99	99	95	86	91	96	90	91	95	97	96	96	93	96	94	90	95	89	83	82	83	93	93	92	91	86	96	96	95	95	97	92.6
	Minimum	75	77	70	69	65	70	72	70	71	70	77	75	74	73	74	73	75	72	62	60	56	65	65	65	69	71	69	74	75	74	73	70.3
Lead Hill	Maximum	99	99	91	91	97	101	90	96	100	100	98	100	96	99	96	98	99	90	84	87	96	96	95	98	95	98	98	101	98	100	101	96.2
	Minimum	71	75	71	51	59	62	68	55	56	65	66	69	70	70	68	71	70	69	52	49	48	53	60	56	62	69	67	68	69	67	65	63.6
Little Rock	Maximum	97	96	93	90	94	95	93	86	94	96	94	94	95	94	94	96	96	89	83	82	87	91	91	91	92	91	94	97	93	94	95	92.4
	Minimum	78	78	77	73	68	72	76	74	72	74	74	75	77	76	76	77	77	71	66	62	65	67	71	70	72	71	74	76	76	71	76	73.2
Lutherville	Maximum	98	99	94	91	94	100	94	93	96	95	95	97	98	94	91	98	93	93	87	90	90	95	96	96	91	95	97	98	97	97	97	95.0
	Minimum	74	77	75	66	65	66	70	78	68	68	71	73	73	73	71	72	73	75	63	59	60	65	67	66	70	80	71	74	72	71	72	70.1
Magnolia	Maximum	103	101	102	95	95	..	102	95	100	102	102	103	102	99	99	100	101	99	91	89	..	96	95	96	96	..	102	101	101	[illegible]	[illegible]	98.9
	Minimum	77	77	77	74	65	..	65	69	67	73	74	73	73	72	73	72	72	75	68	60	..	62	66	68	70	..	71	[illegible]	71	[illegible]	71	70.8
Malvern	Maximum	99	98	98	91	97	100	98	93	91	93	98	99	98	95	93	98	99	94	88	85	92	97	96	91	95	95	98	98	97	97	98	95.6
	Minimum	74	75	76	72	64	65	68	70	69	71	71	73	74	72	71	72	71	77	67	59	58	62	65	64	70	70	76	72	72	70	71	69.5
Mammoth Spring	Maximum	95	98	94	87	91	95	87	88	94	93	93	94	89	91	93	90	89	86	78	80	84	85	88	90	90	87	91	95	95	94	95	90.3
	Minimum	69	75	73	64	63	67	63	61	67	67	69	73	71	75	71	70	71	70	60	55	55	59	59	66	71	71	69	71	72	70	71	67.2
Marianna	Maximum	96	97	95	90	91	96	95	91	95	93	94	95	95	96	94	92	91	88	87	83	85	88	88	87	88	91	91	92	91	91	93	91.6
	Minimum	72	77	75	75	63	66	70	72	67	73	74	75	75	74	75	72	72	73	65	61	61	62	66	62	71	74	76	75	76	69	74	70.3
Marshall	Maximum	89	96	93	84	89	88	88	88	88	78	85	84	84	89	90	88	85	84	81	78	85	90	91	91	91	83	85	88	88	92	95	87.1
	Minimum	72	76	69	58	59	61	61	62	68	68	67	70	69	70	69	70	70	70	53	50	48	53	62	56	67	68	69	73	73	72	70	65.3
Mena	Maximum	99	98	94	90	94	100	93	89	94	91	97	97	96	[illegible]	92	94	91	92	86	86	90	95	96	91	91	98	99	97	98	100	97	94.4
	Minimum	77	76	73	69	62	65	68	69	62	70	69	71	72	68	72	72	71	70	68	69	56	63	67	66	69	68	68	75	73	[illegible]	[illegible]	69.2
Mount Ida	Maximum	99	100	101	98	98	101	100	83	98	100	99	98	98	87	94	100	97	94	89	87	84	87	90	90	86	82	89	85	89	98	97	93.5
	Minimum	74	74	72	65	58	60	62	65	63	67	67	70	70	68	70	67	68	71	64	51	49	52	57	57	65	66	66	69	71	73	67	65.1
Newport	Maximum	99	98	88	88	91	97	89	93	97	97	98	99	97	95	95	96	98	88	81	83	87	92	95	93	93	88	96	93	95	96	99	93.4
	Minimum	71	77	72	67	63	66	72	71	68	69	73	74	74	73	74	73	75	72	60	57	57	63	64	63	68	72	70	73	74	73	72	69.4
Pine Bluff	Maximum	103	101	99	96	96	101	100	92	99	101	100	101	101	101	98	101	101	91	88	89	95	97	96	94	100	99	100	97	99	101	99	97.9
	Minimum	76	78	78	74	66	68	71	73	71	74	74	75	76	74	73	75	75	75	68	61	62	66	68	69	74	78	72	74	74	72	74	72.1
Pocahontas	Maximum	97	98	94	89	93	94	92	90	93	95	95	96	91	94	95	95	95	88	81	84	89	93	92	92	95	87	95	95	94	95	97	92.7
	Minimum	67	75	70	66	63	66	70	65	65	67	70	70	71	74	71	71	72	70	58	56	58	62	62	63	65	70	70	70	72	70	70	67.4
Portland	Maximum	94	97	100	93	91	94	98	96	96	96	97	95	95	96	98	98	98	96	87	86	88	90	89	99	92	95	97	96	97	96	97	94.7
	Minimum	70	71	73	71	62	61	63	68	65	67	68	68	68	67	66	69	68	72	66	58	61	63	64	65	65	68	66	68	68	67	68	66.6
Prescott	Maximum	101	100	95	93	94	99	99	93	97	100	98	97	99	96	95	98	100	97	88	89	91	91	95	95	96	97	98	98	97	99	99	96.5
	Minimum	78	78	76	73	66	68	69	70	68	74	74	73	74	73	71	73	73	75	67	69	60	86	66	68	70	71	72	72	74	72	72	70.8
Rison	Maximum	100	98	100	95	94	100	102	95	99	99	96	98	98	98	98	101	103	94	91	90	94	99	96	98	99	100	102	99	100	100	98	97.9
	Minimum	75	76	77	72	64	66	69	69	69	71	72	73	74	71	73	73	74	76	67	58	61	65	67	68	72	73	71	74	73	71	72	70.5
Searcy	Maximum	100	99	92	91	94	98	93	91	96	95	95	95	98	95	97	97	97	90	83	82	85	93	92	92	91	90	95	97	95	96	97	93.6
	Minimum	71	74	72	67	61	63	69	69	65	68	71	72	72	71	72	72	72	73	63	57	58	66	64	62	68	70	68	71	71	68	71	68.1
Stuttgart	Maximum	101	100	95	93	94	100	98	93	98	98	98	99	99	100	97	100	98	90	85	86	91	97	95	97	97	97	97	99	98	99	100	95.4
	Minimum	74	76	76	69	61	64	68	70	68	74	73	73	75	72	71	73	74	74	63	56	58	63	63	66	71	73	69	68	69	71	73	69.3
Texarkana	Maximum	102	100	104	98	97	102	101	95	97	96	99	100	99	95	94	97	97	99	91	90	92	97	97	91	95	98	100	99	99	99	99	97.4
	Minimum	73	73	74	76	67	69	72	76	65	70	70	72	74	71	67	72	73	73	70	60	58	65	65	66	67	70	72	73	72	72	73	69.8
Warren	Maximum	98	100	99	92	92	96	98	96	95	94	95	95	96	96	95	97	99	93	86	85	89	93	91	93	93	95	97	94	94	94	97	94.4
	Minimum	77	77	79	74	67	68	69	72	71	74	74	76	75	74	74	75	75	77	68	60	60	66	66	71	71	73	71	74	73	72	74	71.8
Wilson	Maximum	95	98	95	86	87	93	89	89	91	93	94	94	94	94	90	94	90	92	86	79	85	88	91	90	88	81	92	93	92	93	94	90.8
	Minimum	70	76	71	67	62	62	68	65	68	68	73	75	73	71	71	72	73	72	59	54	57	61	62	64	64	70	67	73	73	73	71	68.0
Wynne	Maximum	100	100	87	88	89	97	90	91	97	98	97	99	98	99	96	91	95	89	80	86	86	91	91	89	91	86	91	97	95	93	97	92.8
	Minimum	73	75	69	66	59	63	63	65	64	69	66	72	73	70	72	71	70	70	61	56	55	65	67	62	65	72	67	69	72	71	73	67.3

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Little Rock, Ark 9-27-32 1020

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CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., SEPTEMBER, 1932 No. 9

GENERAL SUMMARY

Temperatures were above normal the first five or six days of September and again from the 11th to the 21st, while they were generally below the remainder of the time. The warmest weather occurred during either the first three days of the month or on the 17th or 18th, the coldest generally the latter part of the month though a few stations reported the lowest on the 9th or 10th. The mean temperature for the State was 73.8° which is 0.4° below normal. Of the stations for which normals have been computed, 29 had negative departures, 20 positive, and 3 were normal. Monthly means ranged from 67.6° at Marshall to 77.8° at Highland and Center Point. The highest temperature recorded was 103° at Conway on the 3d; the lowest, 35° at Dutton on the 27th. Only 15 of the 61 stations reported temperatures of 100° or higher. The greatest daily range was 52° at Eureka Springs on the 15th.

Rainfall was general over the State during the first part of the month with numerous stations in the northern half reporting heavy rains during this period, but in southern and southwestern sections it was generally light to moderate. From the 14th to the 22d showers occurred in nearly all portions, but amounts exceeding 1.00 inch on any one day were confined principally to the eastern half of the State. From the 25th to the 27th the extreme northeastern portion of the State received from 1.00 to over 2.00 inches of rainfall, while the extreme northwestern portion received little or no rainfall and other sections only light to moderate showers. Counties bordering on the Mississippi, the St. Francis, and the Arkansas rivers received the greatest amount of rainfall with 2 stations reporting over 7.00 inches and 6 others over 5.00 inches, while sections around Ft. Smith and in the Ouachita River basin received the least with 3 stations reporting less than one half inch and 10 others less than 1.00 inch. Rainfall this month like that of the preceding month was light in southwestern and extreme western portions of the State and in the lower Ouachita River Basin, Arkadelphia during the months of August and September receiving only 1.07 inches, Camden 0.90 inch, Ft. Smith 0.87 inch, Hope 0.40 inch, and Okay 1.30 inches. The average precipitation for the State, based on the reports of 93 stations, was 2.54 inches which is 0.82 inch below normal. Only 9 of the stations with records of 10 years or more had positive departures, all other departures being negative. Monthly totals ranged from 0.30 inch at Hope to 7.99 inches at Blytheville. The average number of rainy days was 6.

The rainy weather of the first part of the month was unfavorable for cotton in some sections of the lowlands but elsewhere was generally beneficial. Growth was stopped in southern and southwestern sections of the State due to lack of rain and cotton opened prematurely. Late corn was badly damaged in central, extreme western, and southwestern portions as were meadows, pastures, and other minor crops. More favorable conditions prevailed in the eastern half of the State and soil moisture was generally sufficient for staple crops except in some north-central localities where it was too dry. The weather was favorable for the harvesting of rice. T.A.M.

Killed by Lightning:—Near Batesville, 14th, one.

Damage from Windstorm:—Near Mountainburg, 13th, barn blown down, porch and filling station damaged, loss $500.

Moderate Hail:—Marshall 17th-18th, slight damage; Subiaco 18th, slight damage; Ola 19th, slight damage to open cotton.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	.	.	1	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	5	1	2	.	.	.	5	1	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	1	.	.	.	.	.	.	.	.	.	.	.	.
Heavy Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	17	9	16	13	3	.	1	2	.	.	.	1	9	20	25	11	11	14	3	1	5	12	.	.	2	5	6	2	.	.	.

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement, miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.04	30.26	28	29.71	19	3,723	18	n	15	.....	.....	77
Fort Smith	30.01	30.25	24	29.76	19	4,735	32	nw	21	78	52	62
Little Rock	30.03	30.28	28	29.74	2	5,387	31	nw	17	79	56	69
Memphis	30.03	30.21	28	29.60	2	4,628	20	n	27	83	70	60

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**74.2**		**113**		**28**		**3.36**		**17**	**7**	**6**	**6**
1891	73.4	-0.8	102	24	40	4	0.94	-2.42	22	6	2	2
1892	70.8	-3.4	96	10	32	14	2.14	-1.22	23	4	3	3
1893	74.0	-0.2	103	14	36	26	3.75	+0.39	19	5	6	5
1894	73.1	-1.1	100	6	38	25	3.56	+0.20	14	8	8	6
1895	77.1	+2.9	105	13	32	30	1.36	-2.00	19	7	4	4
1896	73.3	-0.9	106	17	35	29	3.25	-0.11	11	9	10	10
1897	76.6	+2.4	108	3	33	22	0.60	-2.76	21	7	2	2
1898	75.2	+1.0	104	2	40	7	7.35	+3.99	15	6	9	8
1899	71.9	-2.3	109	3	28	29	1.21	-2.15	20	7	3	3
1900	78.0	+3.8	104	17	48	22	4.25	+0.89	12	12	6	7
1901	72.6	-1.6	101	8	32	18	3.08	-0.28	18	8	4	4
1902	68.4	-5.8	99	8	30	13	5.06	+1.70	15	8	7	8
1903	70.7	-3.5	102	15	34	17	2.47	-0.89	18	7	5	5
1904	75.4	+1.2	101	10	37	15	2.46	-0.90	15	9	6	5
1905	74.2	0.0	100	1	44	1	3.90	+0.54	16	7	7	8
1906	75.7	+1.5	100	1	47	30	6.24	+2.88	11	9	10	10
1907	73.9	-0.3	106	7	38	29	2.22	-1.14	19	8	3	4
1908	73.4	-0.8	101	7	29	28	4.00	+0.64	13	8	9	7
1909	74.7	+0.5	108	3	31	28	2.84	-0.52	18	7	5	5
1910	76.4	+2.2	101	23	44	18	2.41	-0.95	18	8	4	5
1911	79.0	+4.8	102	27	46	22	3.67	+0.31	18	9	3	6
1912	78.5	+4.3	106	6	32	26	2.40	-0.96	18	8	4	4
1913	71.7	-2.5	108	4	33	21	10.10	+6.74	9	9	12	13
1914	74.4	+0.2	101	9	38	24	3.19	-0.17	16	9	5	5
1915	73.5	-0.7	100	19	34	22	1.43	-1.93	16	8	6	3
1916	72.5	-1.7	102	4	30	30	3.40	+0.04	19	6	5	6
1917	71.8	-2.4	99	1	37	29	1.76	-1.60	18	7	5	4
1918	67.3	-6.9	104	15	29	21	4.63	+1.27	16	5	9	7
1919	74.6	+0.4	108	10	40	12	2.72	-0.64	15	8	7	4
1920	74.9	+0.7	100	15	39	30	3.56	+0.20	17	6	7	6
1921	79.6	+5.4	104	2	35	30	3.38	+0.02	11	9	7	6
1922	76.2	+2.0	106	6	37	12	1.25	-2.11	22	5	3	3
1923	73.0	-1.2	98	11	35	28	5.56	+2.20	12	7	11	9
1924	69.7	-4.5	103	7+	29	30	3.99	+0.63	17	5	8	7
1925	80.5	+6.3	113	6	47	12	5.96	+2.60	16	7	7	7
1926	76.8	+2.6	101	13	40	26	3.99	+0.63	11	8	8	7
1927	75.9	+1.7	105	17	32	21	3.37	+0.01	16	5	6	6
1928	70.5	-3.7	101	1	32	24	0.45	-2.91	22	5	3	1
1929	73.4	-0.8	102	1	41	19	2.46	-0.90	15	8	7	5
1930	75.7	+1.5	106	8	35	27	4.10	+0.74	15	8	7	8
1931	78.4	+4.2	102	15	34	27+	1.00	-2.36	22	7	1	3
1932	73.8	-0.4	103	3	35	27	2.54	-0.82	12	10	8	6

Climatological Data for September 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	790	37	75.4	+0.8	102	3	50	29	38	3.01	-0.09	2.70	0.0	3	8	19	3	ne.	J. W. Campbell
Arkadelphia	Clark	259	36	....	....	....	....	....	....	....	0.55	-2.14	0.26	0.0	4	14	9	7	ne.	W. K. Bown
Arkansas City	Desha	115	48	....	....	....	....	....	....	....	5.04	+2.18	2.70	0.0	8	17	2	11	....	Herbert Neff
Arlberg	Stone	700	10	....	....	....	....	....	....	....	1.82	....	0.60	0.0	4	12	16	2	ne.	J. D. Reeves
Batesville	Independence	277	33	70.4	-2.2	99	1	44	29	38	4.09	-0.40	2.21	0.0	6	9	4	17	e.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	71.5	+0.5	98	3	49	9†	36	2.03	-1.19	0.86	0.0	6	14	7	9	s.	J. E. Scanlan
Bentonville	Benton	1303	27	70.6	-0.2	93	15	43	28	33	2.04	-1.74	1.10	0.0	7	13	10	7	ne.	U. S. Weather Bure
Big Lake Outlet ‡‡	Mississippi	....	2	....	....	....	....	....	....	....	6.50	....	3.00	0.0	6	22	0	8	....	Harry Johnson
Black Rock	Lawrence	259	30	....	....	....	....	....	....	....	1.89	-1.83	0.65	0.0	7	21	2	7	s.	Vernon C. Howe
Blytheville	Mississippi	252	7	72.4	....	93	15	50	30	31	7.99	....	2.67	0.0	8	9	3	18	ne.	Charles Phillips Jr.
Booneville	Logan	465	18	75.0	-0.6	102	3	46	29	37	2.07	-1.30	0.98	0.0	7	6	15	9	e.	F. H. Randolph
Brinkley	Monroe	205	45	74.0	-0.8	99	18	45	29	40	2.25	-1.23	1.69	0.0	6	12	9	9	ne.	R. J. Torry
Calico Rock	Izard	361	28	71.4	-1.0	96	3	43	29†	41	2.31	-1.27	1.45	0.0	8	4	24	2	se.	W. J. Copp
Camden	Ouachita	158	17	74.2	-1.2	100	3	52	29	49	0.85	-2.46	0.27	0.0	8	15	3	12	ne.	Georgia Quarterman
Carthage	Dallas	....	26	72.3	....	98	2	49	28	38	2.23	-1.11	0.88	0.0	8	7	12	11	ne.	W. S Matheny
Center Point	Howard	470	33	77.8	+0.9	101	1†	57	10	35	1.03	-2.48	0.36	0.0	8	7	13	10	se.	John C. Floyd
Clarendon	Monroe	172	28	....	....	....	....	....	....	....	1.72	-1.97	0.98	0.0	8	13	5	12	n	J. W. Bishop
Clinton	Van Buren	516	11	....	....	....	....	....	....	....	3.45	-0.24	1.59	0.0	7	8	17	5	n.	A. L. Stephens
Conway	Faulkner	309	49	76.6	-1.6	103	3	49	29	41	1.51	-1.90	0.69	0.0	6	16	10	4	e.	E. E Cordrey
Corning	Clay	293	39	72.2	-0.2	99	1	43	30	39	2.85	-0.85	1.08	0.0	6	10	12	8	ne.	Winfred D. Polk
Cotter	Baxter	408	5	....	....	....	....	....	....	....	0.36	....	0.31	0.0	2	18	6	6	nw.	O. B. McSpadden
Crosset	Ashley	175	20	75.6^{f}	....	99^{f}	17	51^{f}	8	39^{g}	2.42	-0.13	0.85	0.0	8	5^{f}	7^{f}	12^{f}	....	G. A. Gifford
Danville	Yell	327	16	....	....	....	....	....	....	....	3.11	-0.46	2.00	0.0	8	15	2	13	n.	C. G. Hudson
Dardanelle	Yell	330	46	75.0	+0.2	99	3	49	9†	37	3.17	-0.26	1.10	0.0	5	6	18	6	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	....	....	....	....	....	....	....	1.66	....	1.04	0.0	4	19	4	7	....	H. G Pate
Dumas	Desha	162	26	75.4	-0.5	98	17	51	29	37	3.21	-0.13	1.60	0.0	9	7	12	11	n.	Ben Johnson
Dutton	Madison	1500	29	70.0	+1.5	95	2†	35	27	42	3.50	-1.38	2.05	0.0	2	26	3	1	....	J. M Ricketts
El Dorado	Union	270	31	77.3	+0.5	100	17	56	29	34	0.52	-2.51	0.23	0.0	3	4	15	11	ne.	J. J Babb
England	Lonoke	229	25	74.4^{b}	-0.6	97^{b}	17	59^{b}	29	38^{b}	1.82	-1.71	0.75	0.0	7	16^{b}	6^{b}	6^{b}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	72.0	+0.1	96	3†	42	15	52	4.61	+0.26	2.00	0.0	6	12	16	2	ne.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	71.4	-0.8	94	13†	44	28	36	1.79	-1.87	0.85	0.0	6	9	19	2	e.	University of Arkans
Fort Smith	Sebastian	457	55	75.3	+1.3	97	3	55	28	27	0.75	-2.24	0.31	0.0	8	7	15	5	e.	U S. Weather Bure
Freeman Springs‡‡	Pope	2240	8	....	....	....	....	....	....	....	2.31	....	1.02	0.0	7	18	8	4	s.	R. J. Mc Cuiston
Fulton	Hempstead	266	46	....	....	....	....	....	....	....	1.82	-0.75	1.06	0.0	6	11	6	13	....	T J. Logan
Georgetown	White	200	20	....	....	....	....	....	....	....	1.47	-2.47	0.85	0.0	3	15	2	13	....	W. R Owens
Gilbert	Searcy	675	8	....	....	....	....	....	....	....	3.00	....	0.82	0.0	10	20	9	1		S. G. Battenfield
Grannis	Polk	900	13	74.1	+0.6	101	1	46	10	42	1.23	-3.08	0.39	0.0	7	9	18	3	ne.	W. E. McVay
Gravette	Benton	1250	35	71.4	+0.8	95	15	42	28	40	2.35	-1.47	1.42	0.0	4	12	5	13	se.	A. F Stevens
Harrison	Boone	1052	32	....	....	....	....	45	10	....	2.34	-1.76	1.55	0.0	7	18	9	3	e.	Louis R. Keck
Helena	Phillips	259	60	72.8	-2.5	92	17†	52	30	31	4.97	+1.56	2.87	0.0	7	7	12	11	ne.	James A. Burnett
Higden	Cleburne	445	13	....	....	....	....	....	....	....	3.79	-0.07	1.12	0.0	9	5	22	3	w	Geo. W. Baker
Highland	Pike	....	12	77.8	....	102	1	55	9	35	1.00	-2.20	0.39	0.0	6	8	14	8	s.	J. O. Cooley
Hope	Hempstead	377	61	76.3^{a}	-0.2	99^{a}	1†	50^{a}	10	42^{a}	0.30	-2.90	0.14	0.0	4	14^{c}	6^{c}	7^{c}	ne.	N. P. O'Neal
Hot Springs	Garland	600	41	77.0^{t}	+1.6	100	2†	50^{t}	29	35^{t}	1.64	-1.83	0.70	0.0	9	1	23	6	....	G. C. Bolton
Index ‡‡	Little River	275	7	....	....	....	....	....	....	....	1.01	....	0.72	0.0	5	14	0	16	....	H. G. Sanderson
Jessieville	Garland	750	6	....	....	....	....	....	....	....	1.16	....	0.41	0.0	5	7	18	5	....	U. S. Forest Service
Jonesboro	Craighead	345	37	73.3	-1.1	95	18	50	29	34	3.13	-0.27	1.40	0.0	6	19	4	7	n.	Benedictine Sisters
Lead Hill	Boone	650	26	71.2	-1.0	97	3†	37	28	45	0.94	-2.70	0.66	0.0	6	23	5	2	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	74.4	+0.3	91	3	55	29	30	2.65	-0.52	0.67	0.0	12	7	12	11	ne.	U. S. Weather Bure
Lurton	Newton	2100	7	....	....	....	....	....	....	....	....	....	....	..	.	..	..	..	....	I. C Sutton
Lutherville ‡‡	Johnson	775	33	74.6	+0.7	99	3	52	9†	34	2.43	-1.61	1.05	0.0	10	9	14	7	e.	H. G. Lenhardt
Madison	St. Francis	....	2	....	....	....	....	....	....	....	3.40	....	1.32	0.0	5	12	0	18	....	J. W. Eppes
Magnolia	Columbia	315	16	77.5	+1.5	100	3	54	29	36	0.83	-1.48	0.56	0.0	3	5	21	4	e.	State Agri. School
Malvern	Hot Springs	277	45	74.6	0.0	100	3	48	29	38	1.27	-1.92	0.25	0.0	7	17	8	5	ne.	Mrs W. L. Matthe
Mammoth Spring	Fulton	600	27	70.4	-1.0	94	1	46	29†	33	2.07	-1.74	0.60	0.0	6	13	11	6	nw.	S. F. Whittaker
Marianna	Lee	235	20	73.6	-0.2	92	3	50	29	29	3.61	+0.76	0.92	0.0	8	7	16	7	e.	C. N. Houck
Marked Tree	Poinsett	229	27	71.8	-1.8	93	1	47	29†	34	4.62	+1.77	2.00	0.0	6	17	9	4	s	Charles Walton
Marshall	Searcy	1070	18	67.6	-4.6	90	3	43	29	32	7.28	+2.92	2.00	0.0	8	10	11	9	se	A. J. Parks
Mena	Polk	1185	44	74.0	0.0	99	2	50	29	34	1.83	-1.96	1.27	0.0	5	10	13	7	ne.	E. W. St John
Morrilton	Conway	347	9	74.6	....	99	3	52	29	35	2.02	....	1.20	0.0	7	14	9	7	w.	John Cook
Mountain Home	Baxter	860	18	72.0	+0.8	96	18	43	28†	38	0.73	-3.61	0.40	0.0	4	17	8	5	n.	R. S. Halbert
Mount Ida	Montgomery	650	33	72.0^{b}	-1.1	96^{d}	17	42	29	40^{l}	1.93	-1.66	0.65	0.0	7	15	8	7	ne.	G A Whittington
Newport	Jackson	231	48	73.1	-0.9	94	18	49	29	32	3.42	-0.19	0.87	0.0	7	15	8	7	n.	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	2.42	....	1.01	0.0	6	8	11	11	....	U. S. Forest Service
Oden	Montgomery	800	6	....	....	....	....	....	....	....	1.46	....	0.64	0.0	5	12	11	7	ne.	U. S. Forest Service
Okay	Howard	288	3	76.6	....	99	1†	49	10	41	0.68	....	0.31	0.0	4	11	9	10	ne.	Charles R. Jackson
Osceola	Mississippi	240	34	71.4	+0.6	98	1	49	29	35	4.64	+1.80	2.10	0.0	7	15	8	7	s.	Charles H. Hampton
Ozark	Franklin	396	37	74.4	-1.4	102	1	50	29†	46	1.33	-1.95	0.44	0.0	8	20	2	8	se.	Orkney O. Milton
Paragould	Greene	301	9	....	....	....	....	....	....	....	3.79	....	1.37	0.0	5	19	5	6	ne.	W. R. Heagler
Parkin	Cross	....	2	....	....	....	....	....	....	....	4.26	....	1.93	0.0	8	12	3	15	....	P. D Roberts
Patterson	Woodruff	196	16	....	....	....	....	....	....	....	1.52	-1.37	0.76	0.0	4	20	6	5	ne.	W. E. Baker
Piggott	Clay	307	7	....	....	....	....	....	....	....	5.21	....	1.42	0.0	8	15	9	6	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	76.8	+1.9	100	3	53	29	34	2.75	-0.81	0.78	0.0	7	8	16	6	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	72.4	-1.0	97	1	45	29	37	2.82	-0.75	1.05	0.0	6	12	10	8	ne.	Benedictine Sisters
Portland	Ashley	122	26	73.4	-3.0	96	17	49	30	37	3.09	+0.38	1.46	0.0	7	8	10	12	n.	W. E. Edmiston
Prescott	Nevada	329	44	76.8	+0.8	99	1†	54	29	37	2.02	-1.07	1.60	0.0	4	8	13	9	e.	Craig Williams
Risen	Cleveland	243	31	76.0	0.0	99	1†	51	29	36	3.04	-0.29	0.68	0.0	9	16	7	7	sw.	Mrs. M. V Tisdale
Rogers	Benton	1385	41	71.2	+0.2	95	12†	42	28	40	2.30	-1.49	1.36	0.0	5	18	8	4	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	...	..	..	..	..	....	
Saint Francis	Clay	290	4	....	....	....	....	....	....	....	5.44	....	1.84	0.0	5	18	5	7	....	S. T. Rooney
Searcy	White	236	22	73.6	-0.6	95	1†	45	29	35	0.95	-2.06	0.42	0.0	7	22	1	7	ne.	Arthur D Smith
Springbank ‡‡	Miller	240	25	....	....	....	....	....	....	....	2.18	-0.71	1.15	0.0	5	13	1	16	....	Miss Grace Field
Story	Montgomery	700	8	....	....	....	....	....	....	....	1.51	....	0.63	0.0	5	12	12	6	s.	S. C. Story
Stuttgart	Arkansas	228	45	74.7	-0.3	98	17	48	29	38	2.60	-0.74	1.18	0.0	8	5	16	9	n.	Adam F Buerkle
Subiaco	Logan	1050	35	75.0	+0.9	101	1	50	9†	36	6.72	+3.31	4.73	0.0	8	10	15	5	se.	New Subiaco Abbey
Sunset	Washington	....	1	71.3	....	91	3	50	28	30	2.49	....	0.69	0.0	7	14	13	3	se.	Walter James
Texarkana	Miller	332	46	76.5	-0.3	102	1	53	10	38	0.87	-2.04	0.36	0.0	4	15	8	7	s.	H. S. Brashear
Thornburg	Perry	650	11	73.5^{f}	....	94^{m}	14†	43	29	35^{m}	2.50	-1.02	0.84	0.0	6	10	14	6	e.	Edward E. Holmes
Waldron	Scott	675	13	....	....	....	....	....	....	....	1.50	-1.87	0.74	0.0	6	5	11	14	ne.	Dr. Cheves Bevill
Warren	Bradley	206	38	74.8	-1.2	94	1†	52	29	30	1.46	-2.52	0.40	0.0	8	15	10	5	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	....	....	....	....	....	....	....	1.10		0.41	0.0	3	7	15	8	sw.	J. R. Huddleston
Whitscliffs	Little River	290	28	....	....	....	....	....	....	....	0.35	-2.23	0.18	0.0	2	14	4	12	s.	Charles Huff
Wilson	Mississippi	237	7	71.7	....	92	17	47	29†	36	5.64	....	2.35	0.0	7	18	6	6	n.	D. O. Anderson
Wynne	Cross	250	24	72.4	-1.9	93	16	45	29	33	3.55	-0.05	1.32	0.0	5	17	7	6	n.	R. T. Cobbs
Yancopin	Desha	167	8	....	....	....	....	....	....	....	3.41	....	1.28	0.0	9	10	4	16	....	W. E. Barton
State Means				73.8	-0.4	103	3	35	27	52	2.54	-0.82	4.73	0.0	6	12	10	8	ne.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in mean and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for September, 1932

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita				2.70																.04						.27						3.01
Arkadelphia	Ouachita	T.			.26																.02		T.				.11	.16					0.55
Arkansas City	Mississippi		.84	.15	.12		.04													.55	2.70							.36	.28				5.04
Arlberg	White	.47		.60																		.60					.15						1.82
Batesville	White		2.21	.02	54	T.										T.	T.				.75						.41	.16					4.09
Bee Branch	Arkansas		.18		.04									T.					.06	.09			.86			T.	.80						2.03
Bentonville ***	Arkansas	.02												.11		.62	.18					.51	.59			.01					T.		2.04
Big Lake Outlet	St. Francis		.40																	T	3.00	.20					1.90	.80	.20				6.50
Black Rock	White		.24	29	.02											.04					.65						53	.12					1.89
Blytheville	St. Francis		.01	1.34	T.															.03	2.67	.05					1.40	2.08	.41				7.99
Booneville	Arkansas				.98									.13	.04	.70	.12				T.		T.			.04	.06				T.		2.07
Brinkley	White		.06	.36																.01	1.69						.04	.09					2.25
Calico Rock	White		.11	T.	.14	1.45									.05	.28	T.				.04		T.	T.			.08	.16					2.31
Camden	Ouachita		.01	.02	.26												.04				.03						.19	.03	.27				0.85
Carthage	Ouachita	08		.03	.88												.06		.02		.60						.34	.22	T.				2.23
Center Point	Red	.06		12	.21											.36			.05	.02							.16	04					1.03
Clarendon	White	.10	.20	.30		.01														.02	.98						.10	.01					1.72
Clinton	White	.19		1.59										T.		T.		.03			30		1.08			.19	.10						3.48
Conway	Arkansas				.05														.13	.13			.69			.19	.32						1.51
Corning	White		.17	1.08												.52					.65	T.					.37	.06					2.85
Cotter	White														T.		T.				T.		.05				.81						0.86
Crossett	Ouachita	.32	.51	.09		T.												.20		.25	85						.05	.15	T.				2.42
Danville	Arkansas		.24	.12	2.00												.23		.07		.20		.09				.16						3.11
Dardanelle	Arkansas		35		.22										T.	.05	.23		1.10		.04		.85				.33	T.					3.17
De Valls Bluff	White			.40																	1.04						.02	.20					1.66
Dumas	Mississippi		.15	.23	.12												.01			.45	1.60						.30	.30	.05				3.21
Dutton	White								T						2.35	1.15																	3.50
El Dorado	Ouachita		.17	T.		.06															.29						T	T.	.06				0.52
England	Arkansas	T.	.12	.02												.01			.75	.68						.16	.08	T.					1.82
Eureka Springs	White	.06												.03		2.00	.92						1.57			.03							4.61
Fayetteville	White	.85													.10	.02	.34						.46			.02					T.		1.79
Fort Smith ***	Arkansas	02	T.	T.	.07									11	T		.10	T.	T.		T.	T.	.31			.06	.05				.03		0.75
Freeman Sprgs.	Arkansas		.01		.22										.66						.23		1.02				.08	09					2.31
Fulton	Red				1.06	T.	T.										.17	.03			T.					T.	.23	.33					1.82
Georgetown	White		T.	.26	T												T				.85						T.	.36					1.47
Gilbert	White	02	.01		.82										.19	.14	.11		.69				.60				.31	.11					3.00
Grannis	Red	T.	T.	.39	.21									T.	.09	.04	.37									09	.04				T.		1.23
Gravette	Arkansas	.17													.24		.52				T.		1.42					T.			T.		2.35
Harrison	White		.23		.12									.32			.04			.04			1.55			.04	T.						2.34
Helena	Mississippi		92	.53																.04	2.87	.02					.05	.54					4.97
Higden	White	T.	.46	1.12											.14			.05	.77	.15	.10	.17					.83						3.79
Highland	Ouachita	.23		.06	08							.39								.06							.18						1.00
Hope	Red			.03	.02										T.					T.						.11	.14						0.30
Hot Springs	Ouachita		.70	.17		.02									.02	.03				.09			.08			T.	.20	.33					1.64
Index	Red				.72	.02											.13									.03	.11						1.01
Jessieville	Ouachita		.40			*	.25																			.10	.41						1.16
Jonesboro	White		T	.60	T.	T										.12				T.	1.40						.28	.68	.05				3.13
Lead Hill	White		.01											66		.02	04	.05		T.			.16			T.							0.94
Little Rock ***	Arkansas	.02	05	.16	.03											.62		.65	.02	.16			.56			.25	.12	.01			T.		2.65
Lurton	White																																...
Lutherville	Arkansas		.15		1.05									T.	.04	T.	.06		.25	.08			.60			.05	.10				.05		2.43
Madison	St. Francis		.45	.66																T.	1.32						.52	.45	T.				3.40
Magnolia	Red			17												.56				.10													0.83
Malvern	Ouachita	.10			.25																.14		.25				.22	.10	.21				1.27
Mammoth Spg.	White		.60	.15												.30	.32				.20						.50	T.					2.07
Marianna	St. Francis		.88	.02																.65	.46					.42	.20	.09	.92				3.64
Marked Tree	St. Francis	T.	.09	1.21																T.	2.00						.44	.38	.50				4.62
Marshall	White		1.85		2.00									T.		T.		1.25	.70	T.	.11		1.07			.14	.16						7.28
Mena	Ouachita	30	T.		1.27										.12		.05									T	.09						1.83
Morrilton	Arkansas		.08		.06														1.20		.06		.12				.38	.12					2.02
Mountain Home	White		.40												.15					T.	.08					.10	T.						0.73
Mount Ida	Ouachita				28	.33								.03	.60	.65				.06						.03							1.98
Newport	White	.28	.66	.39															.01		.87						.51	.70					3.42
Norman	Ouachita		.10		1.01	.02									.73	T.	T.	T.			.41					.15	T.						2.42
Oden	Ouachita		.24		.64										.49		.06				.03						T.						1.46
Okay	Red		T.	.17	31	T										T.	.09			T.							.11						0.68
Osceola	Mississippi		.06	1.48	T.																2.10	.08					.42	.40	.10				4.64
Ozark	Arkansas			.04	.05										.15		.03		.44				.30				.02	.30					1.33
Paragould	St. Francis			1.03											T.	.10			T.		1.37						.81	.48					3.79
Parkin	St. Francis		.21	.68															.07	.08	1.93						.46	.60	.23				4.26
Patterson	White			.76																.04	.60						.12						1.52
Piggott	St. Francis		1.42	.43	.50															1.04	.64					.05	1.10	.03					5.21
Pine Bluff	Arkansas		.48	.10	.22												.51			T.	.78						.18		.48				2.75
Pocahontas	White		1.05	.30	.14										.33					.55							.45						2.82
Portland	Ouachita		.69	.14																.13	1.46						.08	.58	.01				3.09
Prescott	Ouachita				1.60																.11						.18	.13					2.02
Rison	Ouachita	.20	.48	.51	.50												.10		.08		.22					.27			.68				3.04
Rogers	White	.05													.04	.06	1.36						.79								T.		2.30
St. Charles	White																																....
St. Francis	St. Francis			1 84	16	T.														T.	1.48						1.38	.58					5.44
Searcy	White		.26	02	.02											T.	.15				.42						.02	.06					0.95
Springbank	Red				T.	.07	1.15										T.	T.			.03			.67		T.	.26	T.					2.18
Story	Ouachita				.16										.63		.16				.38						.18						1.51
Stuttgart	Arkansas		.12	.25	.21														.04		1.18			.35			.04		.41				2.60
Subiaco	Arkansas				1.55									T.	.04	.02	.07		4.73	T.	T.		.18			.06	.07				T.		6.72
Sunset	Arkansas			.15										.47	.05	.69	.49		T.				.62			.02	T.				T.		2.49
Texarkana	Red				.36		.07										.24										.20						0.87
Thornburg	Arkansas	.31													T.	T.	.71			.19	.01		.84			T.	.44				T.		2.50
Waldron	Arkansas		T.	.09	.28									.74		T.	.14						T			.21		T.			.04		1.50
Warren	Ouachita	.15	.25	.10	.40															T.	.20					.11	.05	T.	.20				1.46
Waters	Ouachita		.41		36										.33																		1.10
Whitecliffs	Red		T		18	T.											T.									.17							0.35
Wilson	Mississippi		.16	.86	.17																2.35						.90	1.00	.20				5.64
Wynne	St. Francis		T.	.71																T.	1.32						.68	.48	.36				3.55
Yancopin	Arkansas		.67	29	.06															.84	1.28	.09					.04	.08	.06				3.41

Daily River Stages for September, 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.3	4.2	4.1	4.0	4.6	4.0	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	
Ozark	do	22	0.9	0.7	0.5	0.3	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0 1	0.0	-0.1	-0.3	-0.4	-0.5	0.0	-0.4	-0.5	-0.6	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0 9	-0.9	-0.9	
Dardanelle	do	22	4.6	4.4	4.2	4.1	4.0	3.9	3 8	3.7	3.9	3.9	3.8	3.7	3.7	3.6	3.5	3.4	3.3	3.4	4.1	3.5	3.2	3.4	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Morrilton	do	20	-0.1	-0.4	-0.7	-1.0	-1.2	-1.2	-1.3	-1.5	-1.6	-1.3	-1.3	-1.8	-1.4	-1.5	-1.6	-1.7	-1.7	-1.7	-1.7	-1.2	-1.7	-1.7	-1.8	-1.9	-1.9	-1.9	-2.0	-2.0	-2.1	-2.1	
Little Rock	do	23	6	0.3	0.0	-0.1	-0.3	-0.5	-0.5	-0.6	-0.7	-0.7	-0.7	-0.7	-0.9	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	-1.0	-0.7	-0.9	-1.2	-1.2	-1.4	-1.4	-1.4	-1.4	-1.5	-1.5	
Pine Bluff	do	25	5.8	5.7	5.4	5 3	4.9	4.8	4.5	4.5	4.5	4.5	4.5	4.4	4.1	4.0	3.9	3.9	3.9	3.8	3.7	3.7	3.7	4.1	3.9	3.6	3.5	3.3	3.2	3.2	3.1	3.0	
Yancopin	do	29	9.5	8.9	8.4	7.9	7.6	7.3	7.0	6.7	6.5	6.4	6.3	6.2	6.1	6.1	6.0	5.9	6.0	5.9	5.7	5.7	5.6	5.5	5.5	5.5	5.5	5.4	5.3	5.2	5.1	5.0	
Danville	Petit Jean.	20	0.7	0.9	0.9	5.1	3.5	1.6	1.1	0.9	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.6	0.6	0.9	0.8	0.8	0.7	0.6	0.6	0.6	0.5	

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.2	2.2	2.2	2.1	2.0	2.0	2.3	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.3	2.3	2.2	2.2	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
Calico Rock	do	18	-0.6	-0.6	-0.6	-0.6	-0.7	-0.6	-0.6	-0.6	-0.7	-0.8	-0.7	-0.7	-0.8	-0.8	-0.8	-0.6	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	-0.6	-0.7	-0.6	-0.7	
Batesville	do	23	3.9	4.1	4.0	4.2	4.0	3.8	3.8	3.9	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.7	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.8	3.8	3.8	3.8	
Newport	do	26	0.3	0.7	0.7	0.6	0.6	0.5	0.5	0.2	0.2	0.2	0.1	0.1	0.0	0.0	-0.2	-0.2	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	
Georgetown	do	22	0.2	0.1	0.0	0.0	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.3	-0.5	-0.6	-0.7	-0.8	-0.8	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	
De Valls Bluff	do	24	4.1	4.0	3.8	3.8	3.8	3.9	4.0	4.0	3.8	3.7	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.9	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	
Clarendon	do	30	7.4	7.3	7.2	7.1	7.1	7.2	7.2	7.2	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.1	
Gilbert	Buffalo	30	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
Black Rock	Black	14	1.5	1.5	1.7	1.7	1.5	1.4	1.2	1.2	1.2	1.1	1.0	1.0	1.0	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	
Arkadelphia	Ouachita	12	0.4	0.8	0.0	-0.8	-0.6	-0.8	-1.0	-1.0	-0.6	-1.0	-0.8	-1.2	-0.8	-0.6	-1.0	-1.0	-1.0	-1.0	-0.8	-0.8	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.0	-1.2	-1.2	
Camden	Ouachita	26	4.4	4.4	4.4	4.9	5.0	5.0	4.9	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.0	3.7	3.7	3.6	3.6	3.7	3.7	3.8	3.8	
Fulton	Red	28	7.3	7.0	6.9	6.7	6.5	6.2	6.0	5.9	9.0	10.8	10.7	9.4	8.8	8.3	7.9	7.7	7.4	7.2	7.0	6.9	6.8	6.6	6.4	6.2	6.1	6.1	6.0	5.9	5.8	5.7	
Helena	Mississippi	44	10.9	9.9	9.1	8.5	8.0	8.1	9.2	9.8	9.3	8.6	8.4	8.1	7.5	7.1	6.4	5.8	5.4	4.9	4.5	4.4	4.3	4.2	4.2	5.2	5.9	5.4	4.9	4.7	4.7	4.5	
Arkansas City	do	48	14.2	12.9	11.7	10.7	9.7	9.0	8.7	9.1	9.7	9.8	9.4	9.0	8.6	8.2	7.7	7.2	6.6	6.1	5.6	5.4	5.1	4.7	4.5	4.4	4.9	5.6	5.9	5.5	5.0	4.9	

Daily temperatures for September, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	101	95	102	85	86	90	87	75	82	90	92	94	95	95	93	96	98	97	76	93	98	87	85	80	66	82	90	79	82	80		88.4
	Minimum	72	73	69	69	69	69	58	58	56	53	54	64	63	64	65	66	64	64	67	65	63	66	62	58	57	59	61	59	50	51		62.3
Batesville §§	Maximum	99	87	95	87	90	83	79	77	83	86	88	87	90	89	92	89	87	92	74	86	85	82	81	78	64	79	87	75	78	77		84.2
	Minimum	67	70	70	69	65	58	50	52	47	48	52	56	58	60	56	60	55	65	61	63	62	58	60	47	46	55	59	49	44	45		56.7
Bee Branch	Maximum	95	89	98	93	95	86	81	78	85	87	90	92	93	92	93	92	97	95	89	89	88	85	79	78	76	79	87	80	81	77		87.3
	Minimum	74	72	70	72	70	62	54	57	49	52	62	61	62	63	60	65	61	67	66	65	64	65	63	56	58	58	66	54	49	55		61.7
Bentonville	Maximum	86	89	90	88	90	86	79	84	84	85	87	92	92	89	93	85	88	91	82	86	89	77	76	73	61	77	74	75	77	73		83.3
	Minimum	68	66	65	65	57	57	55	57	53	52	58	64	63	58	63	59	63	67	64	63	57	57	56	51	53	56	50	43	46	47		57.8
Blytheville	Maximum	92	88	86	85	85	78	75	75	82	86	87	86	89	89	92	85	86	93	88	79	81	80	77	73	68	77	83	77	77	73		82.4
	Minimum	74	72	72	74	70	64	55	56	56	56	63	66	66	64	61	65	59	69	68	64	65	61	62	53	52	64	68	54	51	50		62.5
Booneville	Maximum	98	97	102	96	94	88	81	81	86	88	91	94	96	90	93	95	98	96	89	90	96	88	83	80	74	75	87	78	80	76		88.7
	Minimum	72	72	68	69	67	63	57	61	50	51	60	65	65	61	66	64	67	65	63	62	65	62	57	50	59	59	64	51	46	53		61.2
Brinkley	Maximum	95	87	97	87	93	85	81	76	85	92	92	92	94	92	96	95	97	99	84	86	92	85	81	77	70	85	87	78	82	77		87.0
	Minimum	72	72	69	72	74	61	54	55	55	52	62	62	61	59	57	59	59	64	66	63	63	64	63	56	54	60	68	56	45	49		60.9
Calico Rock§§	Maximum	95	89	96	95	90	85	81	81	85	87	90	91	93	90	93	89	88	95	80	90	88	82	82	77	65	75	87	77	82	80		85.9
	Minimum	69	70	70	71	64	59	52	52	48	48	49	56	58	62	59	60	57	59	66	66	62	63	59	46	44	46	60	46	43	43		56.9
Camden§§	Maximum	97	91	100	85	92	91	85	78	79	90	92	92	93	93	91	92	97	95	73	91	96	90	87	84	68	86	86	77	80	81		87.7
	Minimum	71	72	67	68	72	67	54	55	56	54	56	61	61	59	58	56	57	61	67	64	61	63	60	57	60	60	61	59	52	53		60.7
Carthage§§	Maximum	87	98	82	93	85	83	72	75	89	90	90	91	91	92	93	97	95	72	87	93	82	82	76	67	82	86	73	77	75	75		84.3
	Minimum	74	67	72	72	63	53	57	55	57	57	59	60	60	58	59	59	66	64	65	61	64	59	59	58	55	60	58	49	52	57		60.3
Center Point	Maximum	101	100	101	83	96	94	88	78	83	92	93	94	96	95	89	92	96	94	84	95	97	89	85	82	78	85	90	81	83	81		89.8
	Minimum	75	74	73	70	71	72	65	62	59	57	67	69	67	65	67	65	66	68	67	63	68	69	62	60	59	60	67	61	65	59		65.7
Conway	Maximum	99	93	103	90	98	91	85	78	89	93	94	96	98	98	96	99	100	97	87	92	98	90	83	79	74	83	89	84	83	77		90.5
	Minimum	75	74	71	72	71	63	55	58	53	52	62	62	63	64	64	66	61	67	67	67	65	65	64	57	57	60	68	57	49	53		62.7
Corning	Maximum	99	81	90	89	89	85	81	81	85	89	90	92	94	92	92	87	86	96	86	85	87	85	82	76	71	74	86	78	82	78		85.6
	Minimum	71	71	71	72	64	61	52	53	49	50	60	58	61	64	57	63	56	64	67	64	64	58	59	50	47	61	66	48	44	43		55.9
Dardanelle	Maximum	98	96	99	93	94	90	83	79	86	89	91	93	94	93	87	94	96	95	87	89	92	87	84	81	70	77	87	80	81	74		88.0
	Minimum	75	73	69	71	67	63	57	59	49	53	61	62	63	61	64	67	62	64	65	65	65	64	63	57	59	59	65	55	49	53		62.0
Dumas	Maximum	95	80	97	91	97	90	82	82	82	92	90	92	92	89	95	97	98	96	80	97	97	87	85	79	73	83	84	80	79	79		88.0
	Minimum	73	73	69	70	74	65	53	55	58	58	65	63	62	60	60	60	64	66	67	64	64	65	62	60	61	62	68	62	51	53		62.9
Dutton	Maximum	93	95	89	85	86	92	95	82	78	82	82	82	90	92	87	79	79	81	82	84	86	85	83	79	80	77	77	74	78	80		83.8
	Minimum	64	68	64	54	53	59	63	63	62	60	60	62	62	66	67	55	42	48	51	58	58	57	66	66	68	43	35	37	47	40		56.3
El Dorado	Maximum	97	89	99	85	90	90	84	79	80	91	94	93	93	93	91	93	100	95	86	90	95	90	86	85	77	90	86	80	80	82		88.8
	Minimum	73	72	73	74	74	71	67	59	61	60	68	65	67	65	65	63	66	68	69	64	68	70	65	63	63	64	67	62	56	58		65.8
Eureka Springs	Maximum	89	90	96	93	92	90	82	87	89	90	93	96	95	92	94	86	88	91	85	86	89	78	80	74	62	79	76	76	79	74		85.7
	Minimum	69	64	66	70	59	60	57	55	53	53	59	68	66	58	42	59	61	70	65	62	62	58	56	50	53	55	60	44	48	49		58.4
Fayetteville	Maximum	85	90	91	89	88	85	78	85	84	85	89	93	94	88	94	86	90	91	88	87	91	86	75	73	69	78	77	76	78	76		84.6
	Minimum	70	67	65	68	59	56	53	53	51	49	58	57	67	57	64	60	64	69	64	61	62	58	54	51	52	55	61	44	46	48		58.1
Fort Smith	Maximum	92	94	97	94	90	89	81	81	84	86	91	92	94	87	94	91	95	95	82	88	94	80	80	79	65	72	83	80	80	74		86.1
	Minimum	76	72	72	70	69	66	63	62	57	59	65	68	68	63	69	65	68	72	67	65	68	61	61	60	59	60	62	55	55	58		64.5
Gravette	Maximum	86	90	92	89	89	88	82	86	85	86	89	93	93	90	95	86	92	92	89	87	92	85	78	72	82	87	73	77	76	72		85.8
	Minimum	61	64	63	65	54	55	56	51	54	51	59	53	65	59	61	58	64	68	62	62	62	55	58	49	52	55	60	42	44	47		57.0
Helena	Maximum	90	75	90	86	86	83	76	70	79	86	84	87	87	87	90	91	92	92	85	79	85	80	76	75	70	83	81	81	74	72		82.4
	Minimum	72	71	70	71	73	63	53	55	57	58	67	66	66	65	61	60	63	69	67	64	65	65	64	58	58	63	69	58	57	52		63.3
Hope	Maximum	99	95	99	85	92	92	87	79	80	92	94	94	93	90	..	93	98	97	80	93	99	91	86	85	80	83	85	75	80	85		89.2
	Minimum	72	74	70	72	73	69	55	59	56	50	62	63	63	67	..	61	60	65	65	63	64	72	63	62	59	60	66	63	54	56		63.4
Hot Springs	Maximum	98	100	97	96	100	95	87	79	85	90	91	93	96	94	92	97	99	96	89	91	98	88	86	80	75	85	90	80	85	77		90.3
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	65	64	69	68	64	68	68	66	65	67	65	64	60	59	69	58	50	56		63.6
Jonesboro	Maximum	94	88	91	84	89	82	77	77	84	89	89	94	92	90	92	87	89	95	85	84	86	83	79	75	67	75	86	80	79	76		84.6
	Minimum	74	72	72	74	70	64	58	56	55	55	65	62	63	64	60	65	60	61	68	64	62	61	64	56	54	61	66	54	50	51		62.0
Lead Hill	Maximum	92	93	97	93	95	88	82	85	87	89	92	95	94	92	93	89	90	97	86	90	89	89	81	76	67	81	82	79	83	79		87.5
	Minimum	68	67	68	70	55	52	47	50	45	44	50	55	63	58	58	62	57	62	65	64	60	58	52	43	43	58	59	37	40	41		55.0
Little Rock	Maximum	92	86	94	85	93	83	79	72	81	86	88	88	90	90	90	91	94	92	75	85	88	81	79	74	63	[illegible]	84	74	78	74		83.6
	Minimum	73	72	71	73	74	69	64	63	60	58	67	67	68	63	64	67	64	69	65	67	69	64	64	60	59	60	67	58	55	58		65.3
Latherville	Maximum	96	95	99	92	91	86	81	81	86	89	92	93	94	91	90	95	95	94	86	91	94	84	86	79	67	72	86	79	83	74		87.2
	Minimum	73	72	69	67	66	62	59	57	52	56	64	64	65	61	65	64	62	64	65	63	65	60	63	55	58	58	63	52	52	56		61.8
Magnolia	Maximum	98	96	100	88	91	94	87	85	80	94	95	94	93	94	95	92	98	96	91	92	96	94	91	85	84	90	87	90	82	84		91.2
	Minimum	71	75	70	72	72	71	56	59	59	58	65	65	65	61	63	59	62	66	68	61	66	[illegible]	64	60	60	61	65	61	54	55		63.8
Malvern	Maximum	95	94	100	87	95	86	86	77	78	89	93	93	94	92	86	95	95	91	88	89	97	86	81	76	73	77	77	74	74	74		86.5
	Minimum	72	75	68	72	69	65	54	60	56	51	63	62	63	62	65	63	62	64	68	66	63	67	64	59	57	60	67	58	48	54		62.6
Mammoth Spring	Maximum	94	84	88	87	87	80	76	76	81	83	87	88	89	89	86	83	79	90	85	83	80	79	77	72	70	71	82	71	74	71		81.5
	Minimum	72	71	72	72	63	61	54	54	48	51	57	57	62	66	59	64	58	62	67	63	65	60	[illegible]	50	48	55	64	47	46	46		[illegible]
Marianna	Maximum	91	89	92	91	89	84	78	72	79	84	85	85	86	85	87	90	91	91	89	81	85	83	78	75	75	81	83	80	75	71		83.6
	Minimum	76	72	72	72	73	64	56	57	58	58	63	61	64	64	62	63	62	66	67	65	66	65	63	62	62	59	71	58	50	52		63.5
Marshall	Maximum	88	87	90	86	83	77	77	75	77	78	80	87	86	79	82	82	82	86	86	79	84	83	75	70	70	70	70	70	70	70		79.3
	Minimum	66	67	64	65	61	57	50	50	45	46	53	60	67	57	61	61	55	61	65	63	58	59	55	46	45	52	54	45	43	45		55.9
Mena	Maximum	95	95	99	88	89	88	82	75	83	85	89	93	92	89	91	91	95	95	87	91	97	86	80	79	68	73	87	78	80	73		86.4
	Minimum	70	72	67	68	66	65	57	60	51	53	61	64	63	58	66	64	62	66	65	63	63	63	61	59	56	58	65	56	50	56		61.6
Mount Ida	Maximum	90	92	89	87	91	82	80	80	..	..	..	..	93	89	89	94	96	93	84	91	94	85	85	80	70	81	90	79	82	77		86.3
	Minimum	66	72	68	65	63	54	51	56	50	45	54	51	66	59	61	65	60	59	61	63	59	64	53	50	50	59	61	52	42	50		57.6
Newport	Maximum	93	87	92	87	89	82	78	77	83	85	90	90	93	92	92	88	91	94	85	86	85	82	80	76	68	74	88	79	79	77		84.7
	Minimum	74	72	72	73	69	63	50	56	55	54	59	60	61	64	60	62	68	66	66	64	66	62	63	54	52	59	65	55	49	51		61.5
Pine Bluff	Maximum	90	86	100	85	95	90	87	76	78	92	95	93	96	94	97	96	99	96	86	89	93	86	85	78	70	85	87	81	82	78		88.5
	Minimum	74	74	71	73	74	67	59	60	60	58	66	66	67	65	64	65	65	68	69	67	66	70	64	60	60	61	69	59	53	57		65.0
Pocahontas	Maximum	97	90	90	89	87	83	82	80	83	87	89	89	91	91	90	88	87	92	90	88	87	83	82	79	72	75	87	77	80	77		85.4
	Minimum	72	70	70	71	65	64	55	55	51	54	61	58	60	54	58	53	57	62	65	65	65	61	60	53	52	60	64	50	45	50		59.3
Portland	Maximum	94	78	95	90	93	88	82	79	77	89	90	89	89	86	93	94	96	95	86	85	88	87	81	79	75	84	82	79	75	78		85.9
	Minimum	73	70	66	68	71	66	53	53	56	60	63	61	62	59	56	57	59	60	65	62	60	62	60	59	59	63	66	63	50	49		61.0
Prescott	Maximum	99	97	99	89	92	90	85	85	79	92	93	93	93	93	92	93	96	96	94	92	95	93	85	81	76	86	86	85	81	81		89.7
	Minimum	74	74	70	70	70	70	58	61	58	55	64	64	64	64	67	61	63	67	65	64	65	70	63	60	59	60	65	60	54	57		63.9
Rison	Maximum	99	92	99	84	95	90	87	79	79	92	92	93	95	84	98	94	93	99	80	90	96	87	86	86	72	86	85	79	81	80		88.4
	Minimum	72	73	70	73	73	66	55	57	58	57	65	65	65	66	62	62	63	64	66	65	65	67	65	59	57	60	69	59	51	55		63.5
Searcy	Maximum	95	88	95	85	92	84	79	72	84	87	90	89	93	92	93	94	90	93	84	85	88	83	80	76	69	79	88	81	80	78		85.5
	Minimum	74	70	72	71	76	65	56	57	54	53	61	60	61	64	59	63	60	65	66	64	62	65	64	57	58	59	67	55	45	52		61.6
Stuttgart	Maximum	97	84	97	85	94	86	82	75	83	92	94	93	96	95	95	96	98	97	85	87	92	84	81	76	70	85	85	80	79	77		87.3
	Minimum	72	73	69	72	73	62	54	55	56	55	62	64	63	62	59	61	60	65	69	64	65	67	60	57	58	60	69	57	48	51		62.1
Texarkana	Maximum	102	99	98	90	87	92	87	81	79	91	92	94	95	94	94	89	97	96	81	94	98	95	85	82	73	87	88	82	82	85		89.6
	Minimum	74	73	73	70	72	70	55	56	57	53	63	65	64	61	69	61	60	67	65	62	65	69	65	59	57	59	66	62	55	56		63.4
Warren	Maximum	91	92	92	85	89	86	83	78	77	87	89	89	88	87	91	91	94	93	86	84	89	86	81	80	76	83	85	79	75	77		85.5
	Minimum	74	73	70	71	74	69	56	58	60	60	65	67	64	64	63	62	64	67	68	64	65	66	62	60	58	61	68	61	52	55		64.0
Wilson	Maximum	91	86	89	87	87	79	75	71	80	85	83	84	89	88	91	91	92	90	90	90	86	84	80	75	70	80	84	80	77	78		83.8
	Minimum	72	72	71	70	70	61	52	52	52	53	56	58	53	54	58	58	57	69	68	63	65	59	62	54	52	61	69	54	47	47		59.6
Wynne	Maximum	92	76	88	89	90	81	78	75	81	85	88	89	91	89	89	93	91	92	85	86	87	87	78	74	75	77	85	75	75	75		83.9
	Minimum	73	70	71	72	74	58	49	53	54	52	62	64	63	70	56	67	59	69	58	59	65	60	59	56	58	54	67	55	45	51		60.8

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Little Rock, Ark 10-25-32 1020

1.05
VAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

VOL. XXXVII LITTLE ROCK, ARK., OCTOBER, 1932 No. 10

GENERAL SUMMARY

Cold weather overspread the State on the 4th and 5th with temperature departures ranging from 18° to 20° below normal in northern and central portions on the 5th, 26° being recorded in extreme northern sections of the State and 30° even in some southern border counties. Killing frost occurred in nearly all northwestern counties on the 6th and in the more mountainous portions elsewhere, while only scattered stations in the lowlands reported temperatures as low as 32°. The mean temperature for the State, based on the reports of 60 stations, was 60.8° which is 1.6° below normal. Only four of the stations with records of 10 years or more reported positive departures. Monthly means ranged from 56.0° at Marshall in the Ozarks to 65.8° at El Dorado near the southern border. The highest temperature reported was 94° at Magnolia on the 18th and at El Dorado and Rison on the 19th; the lowest, 26° at Lead Hill on the 6th. The greatest daily range was 49° at Camden on the 13th and at Carthage on the 18th.

The average number of rainy days was 6, the number being about the same for all stations. Heavy to excessive rains occurred over most northern and central districts on the 3d or 4th with several stations reporting over 3.00 inches on the 4th, while southern counties received generally less than 1.00 inch. Showers occurred in most sections about the 10th and 15th and more general rains on the 25th or 26th and on the 30th and 31st, 19 stations reporting an inch or more on the 25th or 26th and 36 stations reporting over 1.00 inch on the 31st. The average precipitation for the State for the 92 stations reporting was 3.41 inches which is 0.24 inch above normal. Of the stations with records of 10 years or more, 35 had negative departures and 33 positive. Monthly totals ranged from 0.91 inch at Springbank to 6.12 inches at Arlberg. The greatest amount measured in any 24-hour period was 3.75 inches at Jonesboro on the 4th. Rainfall was again deficient over most of the southern part of the State with many stations receiving only 1.00 inch to 1.50 inches.

The weather was favorable for the picking and ginning of cotton and for the gathering of all fall crops, and by the close of the month cotton picking was about completed except in the lowlands and corn nearly all gathered. The soil is still too dry in some southern sections for the planting of winter crops but elsewhere conditions are more favorable. T.A.M.

Tornado:—October 4th, 2:30 a. m., 7 miles north of Pine Bluff, from sw, width one-half mile, none killed nor injured, property damage $3,000.

Damage from Lightning:—Fayetteville, October 3d, two horses killed, barn and contents destroyed, loss $1,500; Fort Smith October 31st, $15,000 loss to Department Store and contents.

Miscellaneous Phenomena
Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs		2				1						1				3		3									7				
Light Hail																															
Moderate Hail																															
Heavy Hail																															
Thunderstorms			22	22						2															9	1				9	23

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	29.99	30.38	20	29.67	17	4,566	26	s	28	......	......	72
Fort Smith	30.01	30.38	20	29.65	17	5,619	24	n	4	77	50	69
Little Rock	30.02	30.32	21	29.64	17	6,493	27	n	16	78	52	70
Memphis	30.02	30.30	28	29.54	17	5,745	25	nw	4	78	66	59

COMPARATIVE DATA FOR OCTOBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precip. .01 or more
Means-Extremes	**62.4**		**101**		**12**		**3.17**		**18**	**6**	**7**	**5**
1891	60.4	−2.0	92	1	27	23	0.65	−2.52	25	4	2	2
1892	63.8	+1.4	92	3	27	26	3.26	+0.09	16	7	8	6
1893	60.5	−1.9	99	1	23	29	1.30	−1.87	24	4	3	3
1894	63.0	+0.6	96	23	24	21	1.52	−1.65	22	5	4	3
1895	57.1	−5.3	95	9	21	29	1.44	−1.73	19	6	6	4
1896	60.8	−1.6	98	4	25	18	3.59	+0.42	18	5	8	6
1897	67.6	+5.2	99	3	28	30	2.01	−1.16	21	6	4	3
1898	60.0	−2.4	100	4	23	26	5.44	+2.27	16	7	8	8
1899	65.6	+3.2	101	13	28	31	2.88	−0.29	19	7	5	5
1900	66.0	+3.6	97	6	32	10	4.31	+1.14	14	10	7	6
1901	63.7	+1.3	95	1	27	14	2.07	−1.10	18	9	4	4
1902	62.5	+0.1	90	9	27	28	2.68	−0.49	18	9	4	4
1903	60.9	−1.5	97	2	26	24	2.22	−0.95	17	8	6	4
1904	62.5	+0.1	100	5	20	20	0.94	−2.23	23	5	3	2
1905	61.1	−1.3	92	7	23	21	4.49	+1.32	15	11	5	7
1906	58.2	−4.2	94	22	25	31	2.38	−0.79	18	5	8	6
1907	61.9	−0.5	96	2	23	13	3.03	−0.14	16	7	8	6
1908	59.2	−3.2	93	14	24	28	0.48	−2.69	21	6	4	2
1909	63.0	+0.6	98	5	24	12	2.15	−1.02	21	6	4	3
1910	62.9	+0.5	96	1	16	29	5.19	+2.02	21	5	5	6
1911	62.7	+0.3	101	12	25	22	1.67	−1.50	14	9	8	5
1912	63.8	+1.4	96	7	22	23	2.97	−0.20	18	8	5	4
1913	60.1	−2.3	95	6	18	30	5.41	+2.24	13	9	9	9
1914	63.0	+0.6	93	6	21	28	1.74	−1.43	13	8	10	5
1915	63.4	+1.0	94	16	26	9	2.83	−0.34	22	4	5	4
1916	62.8	+0.4	96	7	21	21	2.30	−0.87	21	4	6	4
1917	56.6	−5.8	99	4	12	30	1.89	−1.28	21	5	6	5
1918	65.6	+3.2	100	5	30	31	3.99	+0.82	13	5	13	8
1919	66.6	+4.2	98	2	33	19	10.90	+7.73	6	5	20	14
1920	64.2	+1.8	93	18	25	28	4.39	+1.22	16	6	9	7
1921	61.6	−0.8	96	19	27	8	0.72	−2.45	23	4	4	3
1922	63.1	+0.7	98	4	20	18	1.47	−1.70	18	6	7	4
1923	59.2	−3.2	94	1	20	23	3.53	+0.36	12	9	10	7
1924	64.9	+2.5	96	12	21	25	0.29	−2.88	24	4	3	1
1925	58.7	−3.7	98	1	13	31	7.73	+4.56	12	5	14	10
1926	64.9	+2.5	99	2	23	25	5.77	+2.60	15	5	11	8
1927	66.0	+3.6	100	26	30	13	3.13	−0.04	22	4	5	5
1928	66.3	+3.9	100	9	27	23	4.74	+1.57	16	7	8	8
1929	62.2	−0.2	93	17	19	25	4.29	+1.12	15	7	9	7
1930	60.1	−2.3	92	9-10	17	31	4.89	+1.72	17	5	9	6
1931	67.1	+4.7	98	10	26	31	2.35	−0.82	17	7	7	4
1932	60.8	−1.6	94	18†	26	6	3.41	+0.24	19	4	8	6

Corrections for page 38.

Dumas mean temperature should be 63.4°; departure −1.4°; England mean temperature should be 61.6°d, departure −2.2°; Hot Springs mean temperature should be 64.3°, departure +0.3°.

Daily River Stages for October, 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.7	3.7	3.7	3.7	3.5	4.4	4.8	4.9	4.2	3.8	3.8	3.7	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.2	3.1	4.0
Ozark	do	22	−0.9	−0.9	−0.9	−0.5	−0.1	−0.3	0.3	1.0	1.1	1.3	1.3	0.6	0.1	0.0	−0.2	−0.3	−0.5	−0.6	−0.7	−0.8	−0.9	−1.0	−1.0	−1.1	−1.1	−1.1	−1.1	−1.1	−1.0	0.3	0.8
Dardanelle	do	22	2.9	2.9	2.9	3.2	3.8	3.8	3.5	3.9	4.3	4.4	4.1	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.8	2.7	2.6	2.6	2.6	3.2
Morrillton	do	20	−2.1	−2.1	−2.2	−1.9	−1.7	−1.4	−1.5	−1.7	−1.2	−0.7	−0.7	−1.1	−1.4	−1.5	−1.6	−1.7	−1.8	−1.9	−1.9	−1.9	−2.0	−2.1	−2.1	−2.1	−2.1	−2.5	−2.9	−2.7	−2.7	−2.8	−2.5
Little Rock	do	23	−1.5	−1.5	−1.5	−1.7	−2.1	−1.5	−1.6	−1.5	−1.0	−0.8	−0.3	−0.3	−0.6	−0.8	−0.9	−1.0	−1.1	−1.2	−1.3	−1.4	−1.5	−1.6	−1.7	−1.8	−1.8	−1.8	−1.8	−1.8	−1.8	−1.9	−1.7
Pine Bluff	do	25	3.0	3.0	3.0	3.0	3.1	3.1	4.2	4.2	4.0	3.7	3.7	4.3	4.6	4.3	4.0	3.8	3.7	3.7	3.5	3.4	3.1	3.0	3.0	2.9	2.7	2.7	2.6	2.6	2.6	2.5	2.5
Yancopin	do	29	4.9	4.9	4.8	4.8	4.8	4.8	4.8	5.1	6.0	6.0	5.7	5.5	5.7	6.3	6.4	6.2	5.8	5.6	5.4	5.2	5.0	4.9	4.8	4.6	4.6	4.5	4.3	3.2	4.2	4.1	4.1
Danville	Petit Jean	20	0.5	0.5	0.6	0.8	0.9	0.6	0.5	0.5	0.5	0.5	1.1	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.8	1.0	0.9	0.9	0.8	0.8	1.2

Climatological Data for October 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	61.0	− 2.2	90	18†	33	6	47	2.46	−0.80	0.96	0.0	4	17	10	4	e.	J. W. Campbell
Arkadelphia	Clark	250	36	......	......	......	......	......	......	......	4.12	+1.00	2.48	0.0	6	17	2	12	se.	W. K. Bown
Arkansas City	Desha	145	48	..	......	......	......	......	......	......	1.63	−0.74	0.60	0.0	6	19	5	7	......	Herbert Neff
Arlberg	Stone	700	10	......	......	......	......	......	......	......	6.12	......	3.13	0.0	7	20	2	9	se.	J. D. Reeves
Batesville	Independence	277	33	56.2	− 4.4	86	23	30	6†	43	5.65	+2.39	3.63	0.0	5	24	0	7	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	61.0	− 1.3	87	23	31	6	42	3.84	+0.49	1.40	0.0	7	21	1	9	s	J. E. Scanlan
Bentonville	Benton	1303	27	56.8	− 2.1	86	18	29	6	36	3.08	−0.42	1.17	0.0	5	17	4	10	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	2	......	......	......	......	......	......	......	2.20	......	1.60	0.0	4	19	0	12	......	Harry Johnson
Black Rock	Lawrence	259	30	......	......	......	......	......	......	......	3.10	−0.24	1.19	0.0	6	20	4	7	......	Vernon C. Howe
Blytheville	Mississippi	252	7	60.8	......	86	19	37	6	36	3.23	......	1.68	0.0	6	15	2	14	s.	Charles Phillips Jr.
Booneville	Logan	465	18	62.0	− 1.4	92	18	31	11	45	3.15	−0.53	1.04	0.0	7	18	7	6	s.	F. H. Randolph
Brinkley	Monroe	205	45	61.6	− 0.8	88	23	30	6	44	2.91	−0.19	2.08	0.0	5	18	5	8	nw.	R. J. Torry
Calico Rock	Izard	361	28	56.9	− 3.5	88	19†	32	28†	48	4.41	+1.24	1.36	0.0	5	16	9	6	nw.	W. J. Copp
Camden	Ouachita	158	47	60.9	− 2.8	91	18	31	6†	49	1.31	−1.59	0.74	0.0	6	18	5	8	sw.	Georgia Quarterman
Carthage	Dallas	....	26	61.7^{f}	......	91^{f}	18	31^{e}	5	49^{f}	3.18	0.00	2.35	0.0	2	18^{e}	1^{e}	7^{e}	......	W. S. Matheny
Center Point	Howard	470	33	65.1	− 0.2	90	18†	34	11	36	2.31	−0.95	0.74	0.0	7	19	7	5	se.	John C. Floyd
Clarendon	Monroe	172	28	......	......	......	......	......	......	......	2.80	−0.57	2.00	0.0	7	17	2	12	e.	J. W. Bishop
Clinton	Van Buren	516	11	......	......	......	......	......	......	......	5.35	+0.87	2.75	0.0	6	21	4	6	nw.	A. L. Stephens
Conway	Faulkner	309	49	62.0	− 1.2	89	18†	32	6	42	5.26	+2.39	1.84	0.0	6	21	4	6	e.	E. E. Cordrey
Corning	Clay	293	39	59.4	− 0.3	88	19	30	6	41	3.51	+0.15	1.27	0.0	4	19	7	5	sw.	Winfred D. Polk
Cotter	Baxter	408	5	......	......	......	......	......	......	......	4.13	......	1.43	0.0	4	22	2	7	w	O. B. McSpadden
Crosset	Ashley	175	20	63.0	......	90	18	33	6	41	2.45	−1.79	1.52	0.0	4	17	4	10	sw.	G. A. Gifford
Danville	Yell	327	16	......	......	......	......	......	......	......	3.64	−0.79	1.21	0.0	4	20	2	9	w.	C. G. Hudson
Dardanelle	Yell	330	46	61.2	− 2.0	88	23	32	6	41	4.03	+1.02	1.56	0.0	4	15	10	6	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	......	......	......	......	......	......	......	3.73	......	2.72	0.0	6	22	0	9	......	H. G. Pate
Dumas	Desha	162	26	63.6	− 1.2	90	23†	31	6	44	1.00	−2.43	0.45	0.0	6	16	5	10	s.	Ben Johnson
Dutton	Madison	1590	29	......	......	......	......	......	......	......	......	......	......	...	..	..	..	..	......	J. M. Ricketts
El Dorado	Union	270	31	65.8	+ 0.4	94	19	37	6	40	1.13	−2.11	0.52	0.0	5	15	8	8	se.	J. J. Babb
England	Lonoke	229	25	61.5^{d}	− 2.3	89^{d}	18	34^{d}	6	43^{d}	3.31	+0.04	1.43	0.0	7	17^{d}	3^{d}	7^{d}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	59.2	− 1.3	87	18	30	6	39	3.74	+0.19	1.65	0.0	6	20	5	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	58.2	− 2.6	85	18	31	6	39	4.06	+0.65	1.59	0.0	8	18	6	7	sw.	University of Arkansa
Fort Smith	Sebastian	457	55	61.2	− 1.6	89	18	36	11	35	4.30	+1.31	1.79	0.0	7	18	7	6	e.	U. S. Weather Burea
Freeman Springs‡‡	Pope	2240	8	......	......	......	......	......	......	......	5.27	......	2.85	0.0	4	23	1	7	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	46	......	......	......	......	......	......	......	3.31	+0.71	1.97	0.0	5	18	4	9	......	T. J. Logan
Georgetown	White	200	20	......	......	......	......	......	......	......	3.18	−0.56	1.95	0.0	4	19	5	7	......	W. R. Owens
Gilbert	Searcy	675	8	......	......	......	......	......	......	......	4.25	......	1.60	0.0	5	21	7	3	......	S. G. Battenfield
Grannis	Polk	900	13	58.0	− 4.2	83	17	29	6	43	2.94	−2.05	1.17	0.0	6	22	5	4	e.	W. E. McVay
Gravette	Benton	1250	35	57.4	− 2.1	82	17†	27	11†	40	4.42	+0.91	2.49	0.0	4	23	1	7	n.	A. F. Stevens
Harrison	Boone	1052	32	58.2^{d}	− 1.0	87^{e}	15	33^{f}	28	41^{f}	5.47	+2.31	1.71	0.0	8	23	2	6	n.	Louis R. Keck
Helena	Phillips	250	60	61.8	− 1.5	89	23	34	6†	39	3.04	+0.28	1.80	0.0	5	14	8	9	ne.	James A. Burnett
Higden	Cleburne	445	13	......	......	......	......	......	......	......	5.31	+0.77	2.69	0.0	5	18	8	5	w.	Geo. W. Baker
Highland	Pike	....	12	64.4	......	89	18	34	11	34	2.75	−1.35	1.21	0.0	5	15	9	7	s.	J. O. Cooley
Hope	Hempstead	377	61	63.7	− 2.1	90	18	34	6	41	3.42	+0.04	1.74	0.0	6	20	5	6	e.	N. P. O'Neal
Hot Springs	Garland	600	41	64.2	+ 0.2	90	22	35	6	39	2.53	−0.75	0.82	0.0	7	14	10	7	......	G. C. Bolton
Index.‡‡	Little River	275	7	......	......	......	......	......	......	......	2.66	......	1.28	0.0	5	19	0	12	......	H. G. Sanderson
Jessieville	Garland	750	6	......	......	......	......	......	......	......	2.13	......	0.80	0.0	6	16	7	8	......	U. S. Forest Service
Jonesboro	Craighead	345	37	60.4	− 2.0	86	19	35	6	36	5.23	+1.87	3.75	0.0	6	18	5	8	nw.	Benedictine Sisters
Lead Hill	Boone	650	26	57.6	− 3.0	88	18	26	6	47	5.37	+1.94	1.55	0.0	8	24	1	6	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	61.8	− 1.8	85	18	39	6	32	3.34	+0.63	1.54	0.0	8	15	7	9	s.	U. S. Weather Burea
Lurton	Newton	2100	7	......	......	......	..	......	......	......	......	......	......	...	.	..	..	..	......	I. C. Sutton
Lutherville.‡‡	Johnson	775	33	61.0	− 1.0	87	18	32	6	37	4.58	+0.62	1.34	0.0	6	20	3	8	sw.	H. G. Lenhardt
Madison	St. Francis	....	2	...	......	..	......	......	......	......	2.71	......	1.51	0.0	5	20	0	11	......	J. W. Eppes
Magnolia	Columbia	315	16	64.8	− 1.4	94	18	31	6	46	1.59	−1.96	0.84	0.0	4	16	13	2	se.	State Agri. School
Malvern	Hot Springs	277	45	...	......	..	......	31	6	..	3.96	+1.02	1.55	0.0	6	22	2	7	s.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	600	27	57.9	− 1.0	85	19	31	6	42	4.68	+1.35	1.95	0.0	4	20	5	6	nw.	S. F. Whittaker
Marianna	Lee	235	20	61.2	− 2.1	83	24	35	12	33	3.39	−0.18	1.96	0.0	7	17	7	7	e.	C. N. Houck
Marked Tree	Poinsett	229	27	58.0	− 3.0	87	19	34	6	44	3.22	−1.06	1.61	0.0	6	18	8	5	n.	Charles Walton
Marshall	Searcy	1070	18	56.0	− 5.8	79	19†	27	6	36	4.72	+0.43	1.77	0.0	8	22	1	8	n.	A. J. Parks
Mena	Polk	1185	44	61.8	− 1.0	89	23	33	6	37	3.69	−0.03	1.44	0.0	6	16	8	7	n.	E. W. St. John
Morrilton	Conway	347	9	60.4	.. ..	87	19†	35	6	38	4.74	......	3.16	0.0	3	17	8	6	e.	John Cook
Mountain Home	Baxter	800	18	58.5	− 1.7	89	19	28	6	42	4.02	−0.35	1.10	0.0	5	22	1	8	sw.	B. S. Halbert
Mount Ida	Montgomery	650	33	59.3	− 2.1	92	23	28	6	47	4.44	+0.60	2.17	0.0	4	19	3	9	se.	G. A. Whittington
Newport	Jackson	231	48	59.8	− 2.1	88	23	34	6†	41	4.56	+1.68	2.84	0.0	6	18	5	8	s.	J. D. Henderson
Norman	Montgomery	750	5	......	......	......	......	......	......	......	3.71	......	1.22	0.0	7	17	5	9	......	U. S. Forest Service
Oden	Montgomery	800	6	......	......	......	......	......	......	......	3.58	......	1.23	0.0	5	18	8	5	w.	U. S. Forest Service
Okay	Howard	288	3	63.2	......	91	19†	30	6	46	2.32	......	1.27	0.0	5	19	4	8	s.	Charles R. Jackson
Osceola	Mississippi	240	34	61.8	− 0.2	89	19	35	6	37	3.39	+0.59	1.90	0.0	6	17	3	11	n.	Charles H. Hampton
Ozark	Franklin	396	37	59.0	− 4.4	85	2†	33	6	43	4.49	+1.27	1.98	0.0	4	22	1	5	se.	Orkney O. Milton
Paragould	Greene	301	9	......	......	......	......	......	......	......	4.04	......	2.02	0.0	6	23	4	4	se.	W. R. Heagler
Parkin	Cross	....	2	......	......	......	......	......	......	......	3.32	......	1.60	0.0	6	16	5	10	......	P. D. Roberts
Patterson	Woodruff	196	16	......	......	......	......	......	......	......	3.78	−0.08	2.43	0.0	5	24	0	7	n.	W. E. Baker
Piggott	Clay	307	7	......	......	......	......	......	....	......	3.07	......	0.91	0.0	6	17	6	8	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	64.4	+ 0.2	92	18	35	6	41	2.80	−0.11	1.58	0.0	6	19	7	5	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	60.0	− 1.6	86	19	34	6†	39	3.04	−0.27	1.15	0.0	6	20	2	9	sw.	Benedictine Sisters
Portland	Ashley	122	26	61.2	− 3.4	87	18	30	6†	43	1.69	−1.21	1.05	0.0	5	17	7	7	n.	W. E. Edmiston
Prescott	Nevada	329	44	64.2	− 0.4	91	18	35	6	41	3.06	+0.40	1.23	0.0	5	17	4	10	s.	Craig Williams
Rison	Cleveland	243	31	64.6	+ 0.4	94	19	34	6	43	1.09	−2.08	0.69	0.0	4	18	4	9	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	41	57.6	− 2.0	87	18	30	6	43	3.14	+0.04	1.20	0.0	6	20	3	8	w.	Carl A. Starck
Saint Charles	Arkansas	175	3	......	......	......	......	......	......	......	....	......	....	...	..	..	..	..	......	
Saint Francis	Clay	290	4	......	......	......	......	......	......	......	2.93	......	0.91	0.0	5	20	4	7	......	S. T. Rooney
Searcy	White	236	22	59.4	− 2.9	86	23	34	6†	40	4.61	+1.55	3.10	0.0	7	22	1	8	ne.	Arthur D. Smith
Springbank‡‡	Miller	240	25	......	......	......	......	......	......	......	0.91	−2.25	0.50	0.0	4	20	1	10	......	Miss Grace Field
Story	Montgomery	700	8	......	......	......	......	......	......	......	3.86	......	1.60	0.0	5	21	3	7	s.	S. C. Story
Stuttgart	Arkansas	228	45	61.9	− 1.2	89	18	33	6	40	2.26	−0.94	1.17	0.0	5	16	5	10	n.	Adam F. Buerkle
Subiaco	Logan	1050	35	60.3	− 3.3	86	18	38	6	39	4.41	+0.98	1.24	0.0	6	22	2	7	s.	New Subiaco Abbey
Sunset	Washington	....	1	58.0	......	83	23	30	11	31	5.79	......	2.34	0.0	8	21	3	7	se.	Walter James
Texarkana	Miller	332	46	63.6	− 2.2	92	18	33	6	43	2.30	−0.83	0.98	0.0	5	20	4	7	s.	H. S. Brashear
Thornburg	Perry	650	11	58.6	......	89	23	29	6	45	3.59	−0.39	1.13	0.0	8	18	4	9	s.	Edward E. Holmes
Waldron	Scott	675	13	......	......	......	......	......	......	......	3.33	−1.16	1.21	0.0	6	17	4	10	se.	Dr. Cheves Bevill
Warren	Bradley	206	38	63.0	− 1.0	85	18†	34	6	36	1.40	−2.21	0.65	0.0	4	18	6	7	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	......	......	......	......	......	......	......	3.51	......	1.51	0.0	3	19	6	6	w.	J. R. Huddleston
Whitecliffs	Little River	290	28	......	......	......	......	......	......	......	2.32	−0.96	1.24	0.0	3	13	9	9	w.	Charles Huff
Wilson	Mississippi	237	7	61.0	......	85	18	34	6	36	2.58	......	1.20	0.0	6	22	0	9	s.	D. O. Anderson
Wynne	Cross	250	24	59.6	− 3.2	84	19†	33	6	40	2.58	−1.42	1.19	0.0	6	19	6	6	n.	R. T. Cobbs
Yancopin	Desha	167	8	......	......	......	...	......	......	......	1.13	......	0.37	0.0	7	18	2	11	......	W. E. Barton
State Means				60.8	−1.6	94	18†	26	6	49	3.41	+0.24	3.75	0.0	6	19	4	8	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in mean and summaries. Reference letters ^{a,b,c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for October, 1932

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita				.96												.39										.40					.71	2.46
rkadelphia	Ouachita	.02			2.48							.05					.23										.34					1.00	4.12
rkansas City	Mississippi	T.			.60	.03						.05				T.	.58	.04									.33					T.	1.63
rlberg	White			*	3.13						.30															*	1.60				*	1.09	6.12
Batesville	White	T.			3.63						T.	.27					.02										.48				T.	1.25	5.65
Bee Branch	Arkansas			.15	1.40						.42															.37	.35				.10	1.05	3.84
Bentonville ***	Arkansas	T.		.57	T						.22				T.								T.			1 17					1.08	.04	3.08
Big Lake Outlet	St. Francis				1.60	.10						.30					.20										T.					T.	2.20
Black Rock	White				1 10	.02						.25					.16										.38					1.19	3.10
Blytheville	St. Francis				1 68	.15						.37					.34										.50					.19	3.23
Booneville	Arkansas	.17		.03	1.02						.16															.70	.03				T.	1.04	3.15
Brinkley	White				2 08							.21					.12										.27				T.	.23	2.91
Calico Rock	White	.02	T.		1.34							.46					T.										1.23					1.36	4.41
Camden	Ouachita			.05	.74							.03					.03										.16					.30	1.31
Carthage	Ouachita	T.			2.35	T.																										.83	3.18
Center Point	Red			.29	.73						.02					.01										.47	.05					.74	2.31
Clarendon	White	.02			2.00	.02						.20					.25										.21					.10	2.80
Clinton	White			.22	2.75						.34															.96					.21	.87	5.35
Conway	Arkansas			1.84	.99						.24															.21	.47					1.51	5.26
Corning	White				1 27							.52					T										.62					1.10	3.51
Cotter	White	T.			1.27							.40															1.03				T.	1.43	4.13
Crossett	Ouachita			T.	1.52	.02										T.	.46										.45					T.	2.45
Danville	Arkansas				1.01							.41															1.21					1.01	3.64
Dardanelle	Arkansas				1.15							.31															1.56					1.01	4.03
De Valls Bluff	White		.02		2.72							.26					.14										.28					.31	3.73
Dumas	Mississippi				.45	.02						.02				T.	.20										.28					.03	1.00
Dutton	White																																
El Dorado	Ouachita			.15	.52												.03										.14					.29	1.13
England	Arkansas	.06		.44	1.43						.11					.22											.24				T.	.81	3.31
Eureka Springs	White	.07		.05	.48						.21															1.28						1.65	3.74
Fayetteville	White	.04		.06	1.59						29				T.									T.	T.	.89	.02				.23	.94	4.06
Fort Smith ***	Arkansas	.01		1.78	.01						.38												T.			.66					.48	.98	4.30
Freeman Sprgs.	Arkansas	T.			2.85							.36															.91					1.15	5.27
Fulton	Red			.18	1.97												.10										.26					.80	3.31
Georgetown	White				1 95							.08					T.										.30					.85	3.18
Gilbert	White	.04			1.60							.30															1.01					1.30	4.25
Grannis	Red	T.		.19	1.17						.05															.63	.03				T.	.87	2.94
Gravette	Arkansas			T.	.52						.77															2.49						.64	4.42
Harrison	White	.04		.67	1.27						.34					.01										1.04					.39	1.71	5.47
Helena	Mississippi				1 80	.09						.25					.25										.65					T.	3.04
Higden	White				2.69						.34	03														T.	.89					1.36	5.31
Highland	Ouachita			.35	.83												.12									.24						1.21	2.75
Hope	Red			.25	1.74						.03					.05											.30					1.05	3.42
Hot Springs	Ouachita	.05		.25	.82											.30										*	.47					.64	2.53
Index	Red			.25	1.28												.08										.20					.85	2.66
Jessieville	Ouachita				.80							.12					.05										.41				*	.75	2.13
Jonesboro	White				3.75	.12					T.	.25					.28										.35					.48	5.28
Lead Hill	White	.03		.04	1.17						.54															1.16	.04				.84	1.55	5.37
Little Rock ***	Arkansas	.06		.39	.69						.15					.34	T.									.16	.01				T.	1.54	3.34
Lurton	White																																
Lutherville	Arkansas			.48	1.20						.40													T.		1.14					.02	1.34	4.58
Madison	St. Francis				1.51							.35				T.	.27										.45					.13	2.71
Magnolia	Red			.15	.30																						.30					.84	1.59
Malvern	Ouachita	.08			1.50							.17					.32										.34					1.55	3.96
Mammoth Spg.	White				.84							.54															1.35					1.95	4.68
Marianna	St. Francis	.01		.22	1.96						.15					.20											.43					.42	3.39
Marked Tree	St. Francis				1.61	.06						.30					.70										.35					20	3.22
Marshall	White	.03		.04	1.77						.47															.80	.10				.08	1.43	4.72
Mena	Ouachita	.13		.03	1.44							.10															.95					1.04	3.69
Morrillton	Arkansas	T.			3.16												T.										.64					.94	4.74
Mountain Home	White	T.			1.10						.60															.72					.50	1.10	4.02
Mount Ida	Ouachita				2.17						.07															1.30						.90	4.44
Newport	White				2.84	.03						.23					.29										.38					.79	4.56
Norman	Ouachita	.19		.09	1.22							.06					.04										1.12					.99	3.71
Oden	Ouachita	.23			1.23							.07															.93					1.12	3.58
Okay	Red			.19	1.27						T.															.20	.08					.58	2.32
Osceola	Mississippi				1.90	.12						.40					.40		T.								.47					.10	3.39
Ozark	Arkansas	T.			1.98							.33															1.08				T.	1.10	4.49
Paragould	St. Francis				2.02	.03						.52					.34										.43					.70	4.04
Parkin	St. Francis				1.60	.02						.20					.82										.42					.26	3.32
Patterson	White				2.43												.25										.28				.52	.30	3.78
Piggott	St. Francis				.91						.40					.28										T.	.48				.13	.87	3.07
Pine Bluff	Arkansas	.08			1.58	T.						.10					.72										.20					.12	2.80
Pocahontas	White				1.15						.30					.06										.40					.08	1.05	3.04
Portland	Ouachita				.41	.02						.02					1.05										.19						1.69
Prescott	Ouachita			.16	1.21												.13										.33					1.23	3.06
Rison	Ouachita			.08	.69											.12											.20						1.09
Rogers	White	T.		.48	.69						.11														T.	.60					.06	1.20	3.14
St. Charles	White																																
St. Francis	St. Francis				.86							.24					.44										.48					.91	2.93
Searcy	White	.02			3.10	.02						.21					.05										.33					.88	4.61
Springbank	Red			.03	.50	T.						T.				T.	T.										.08					.30	0.91
Story	Ouachita				1.60							.18					.11										1.10					.87	3.86
Stuttgart	Arkansas				1.17							.17					.64										.23					.05	2.26
Subiaco	Arkansas	T.		.67	1.24						.58															.82	.02					1.08	4.41
Sunset	Arkansas	.03		.21	1.10						.49															1.49	.06				.07	2.34	5.79
Texarkana	Red			.53	.98												.05										.32					.42	2.30
Thornburg	Arkansas	.06		.34	1.13						.48					.08										.85	.27					.88	3.59
Waldron	Arkansas	.23		.12	.44						.26															1.07					T.	1.21	3.33
Warren	Ouachita	T.		T.	.65	T.						T.				T.	.10										.35					.30	1.40
Waters	Ouachita				1.51																						.79					1.21	3.51
Whitecliffs	Red			T.	1.24							T.					T.										.48					.60	2.32
Wilson	Mississippi				1.20	.09						.27					.40										.50					.12	2.58
Wynne	St. Francis				1.19	.16						.23					.48										.28					.24	2.58
Yancopin	Arkansas	.04			.37							.06				.14	.19										.26					.07	1.13

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.1	2.1	2.1	2.2	2.2	2 2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2 2	2.2	2.2	2.2	2.2	2 2	2.2	2.2	2.3	2.3	2.3	2.3	2 3	2.3
Calico Rock	do	18	-0.7	-0.7	-0.7	-0.6	-0.6	-0.2	-0.3	-0.3	-0.4	-0.4	-0.5	-0.5	-0.5	-0.4	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.7	-0.7	-0 7	-0.7	-0.7	-0.5	-0.5	-0.5	-0.3	-0.5	-0.4
Batesville	do	23	3.8	3.8	3.7	5.7	4.0	3.8	4.0	4.2	4.2	4.0	4.0	3.9	3.7	3.9	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.0	4.0	3.9	3.8	4.1	4.3
Newport	do	26	-0.1	-0.1	-0.1	0.1	0.8	0.4	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0
Georgetown	do	22	-1.1	-1 1	-1.1	-0.9	-0.4	0.1	1.0	1.0	0.5	0.1	-0.1	-0.2	-0.3	-0.4	-0.5	-0.6	-0.7	-0.7	-0.8	-0.8	-0.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.2	-1.1	-1.0	-1.1
De Valls Bluff	do	24	2.7	2.7	2.7	2.9	2.9	3.2	3.8	4.6	4.8	4.4	4.0	3.8	3.6	3.4	3.2	3.1	3.0	3.0	2 9	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.7
Clarendon	do	30	6.1	6.1	6.1	6.3	6.3	6.4	6.6	7.2	7.7	7.7	7.4	7.1	6.9	6.8	6.6	6.5	6.4	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Gilbert	Buffalo	30	2.6	2.6	2.6	3.6	3.4	3.2	3.2	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.8
Black Rock	Black	14	0.3	0.8	0.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.1	1.2	1.2	1.2	1.3	1.2	1.4
Arkadelphia	Ouachita	12	-1.2	-1.2	-1.2	-0.8	-0.2	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.2	-1.2	-1.2	-1.0	-1.0	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	.1.2	-1.2	-1.4	-1.2	-1.2	-1.2
Camden	Ouachita	26	3.8	3.8	3.9	3 9	4 0	4.1	4.4	4.5	4.8	4.2	4.1	4.0	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	3.8	3.8	3.9	3.9	3.8	3.8	3.8	3.9	3.9	3.9	3.9
Fulton	Red	28	5.7	5.7	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5,9	5.9	5.9	5.8	5.7	5.5	5.3	5.2	5.1	5.0	4.9	4.8	4.8	4.8	4.7
Helena	Mississippi	44	5.0	5.9	6.9	7.8	7.7	6.9	6.3	6.3	6.6	6.6	6.3	6.2	5.6	5.1	5.0	5.0	4.3	4.2	4.0	3.7	4.5	7.5	10.8	12.4	12.8	12.6	12.0	10.9	9.7	8.6	7.8
Arkansas City	do	48	4.7	4.8	5.4	6.2	7.2	7.5	7.3	6.8	6.5	6.7	6.9	6.8	6.6	6.3	5.8	5.6	5.4	5.1	4.7	4.4	4.1	4.3	5.7	8.8	11.2	12.3	12.6	12.3	11.6	10.5	9.5

Daily temperatures for October, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	75	83	71	64	57	68	75	77	83	69	62	78	83	84	68	80	82	90	87	74	76	80	86	90	76	62	75	78	73	72	57	75.3
	Minimum	56	57	60	57	42	33	34	46	47	54	37	37	36	42	50	55	56	51	51	50	48	44	44	50	52	39	40	37	38	51	54	46.7
Batesville §§	Maximum	72	82	76	64	53	64	70	74	78	67	57	60	79	81	71	81	81	85	85	70	73	78	86	78	80	62	66	73	64	52	50	71.4
	Minimum	48	47	47	50	38	30	32	39	40	50	40	35	37	38	44	48	54	47	47	52	33	35	48	41	45	37	31	30	31	39	41	41.1
Bee Branch	Maximum	72	82	76	65	59	66	72	75	78	76	65	75	82	82	76	80	85	86	86	81	74	78	87	82	77	66	70	73	70	63	53	74.6
	Minimum	59	55	52	55	40	31	35	39	44	47	40	37	42	48	51	60	59	52	51	55	43	45	45	53	52	56	40	37	50	51	44	47.4
Bentonville	Maximum	64	78	68	56	53	64	73	73	77	62	62	74	77	79	80	80	80	86	78	62	74	80	80	81	58	61	62	73	58	61	48	69.7
	Minimum	53	49	54	41	35	29	43	52	53	37	30	38	49	56	48	49	47	50	52	41	34	56	53	53	39	32	36	42	39	44	30	44.0
Blytheville	Maximum	73	80	79	72	53	60	70	75	79	73	56	74	79	79	70	73	69	83	86	77	68	77	81	82	79	74	64	72	66	67	58	72.5
	Minimum	60	55	58	53	41	37	40	46	50	48	42	38	47	49	54	60	61	66	57	53	40	44	54	49	61	44	39	40	52	40	45	49.1
Booneville	Maximum	73	87	76	69	58	70	78	79	82	76	67	81	86	86	80	83	86	92	87	74	78	84	91	89	79	66	72	79	72	62	58	77.4
	Minimum	57	59	57	55	38	32	42	46	50	48	31	36	42	51	47	50	48	49	54	49	39	48	56	51	49	35	35	38	51	53	46	46.5
Brinkley	Maximum	78	83	78	69	58	66	73	73	82	77	56	76	81	85	71	76	83	87	87	75	72	81	88	86	84	68	72	78	71	79	73	76.3
	Minimum	59	55	53	55	39	30	36	41	47	50	43	33	38	44	55	61	58	50	56	54	40	39	51	52	60	41	33	34	52	51	46	47.0
Calico Rock§§	Maximum	71	85	80	64	55	65	74	75	80	66	60	78	82	83	76	81	83	87	88	69	73	81	88	80	75	63	66	74	65	51	48	73.1
	Minimum	45	48	48	48	38	33	33	36	42	42	41	37	37	39	44	44	48	49	48	48	33	33	45	43	44	37	33	32	32	40	43	40.7
Camden§§	Maximum	71	82	76	66	60	67	74	79	84	80	63	75	82	83	70	82	87	91	87	79	75	80	89	87	87	66	74	80	75	81	64	77.3
	Minimum	56	60	59	62	42	31	31	34	39	48	43	33	33	38	43	58	49	46	46	49	41	38	41	53	57	38	33	34	37	48	58	44.5
Carthage	Maximum	82	71	63	57	..	..	..	..	..	81	60	76	81	81	82	82	85	91	86	77	72	79	88	86	85	72	74	78	73	..	79	71.6
	Minimum	56	56	59	41	31	..	..	..	..	53	43	34	39	43	48	50	53	42	48	57	41	39	47	51	61	38	33	33	43	..	52	45.8
Center Point	Maximum	76	85	76	73	61	70	76	79	82	74	67	78	82	85	69	84	88	90	89	81	78	80	90	83	77	67	74	78	76	76	73	78.0
	Minimum	60	64	60	56	39	38	46	59	59	53	34	42	50	55	55	58	57	58	60	58	49	53	55	62	55	36	40	50	52	54	52	52.3
Conway	Maximum	75	86	81	69	60	67	75	77	82	75	63	79	85	84	73	83	85	89	88	77	73	80	89	84	82	65	70	77	68	63	58	76.2
	Minimum	59	58	54	56	42	32	39	43	47	52	43	37	43	49	52	61	57	50	54	56	43	40	53	52	54	40	35	37	47	51	46	47.8
Corning	Maximum	78	82	82	70	56	61	71	76	80	70	60	74	78	81	60	79	78	84	88	78	72	80	82	79	80	68	64	74	69	58	50	73.3
	Minimum	57	50	53	54	40	30	35	40	42	46	41	37	46	44	48	56	58	51	52	54	34	41	55	47	60	43	34	33	44	41	42	45.4
Crossett §§	Maximum	80	81	80	70	62	66	74	80	84	85	62	74	81	80	74	76	85	90	86	80	75	80	88	82	85	65	73	78	79	80	69	77.5
	Minimum	56	61	64	62	43	33	36	41	43	46	45	36	45	46	52	62	58	51	52	55	46	41	47	52	61	47	37	40	40	51	56	48.5
Dardanelle	Maximum	72	85	81	67	59	67	75	77	81	75	63	76	81	81	74	85	85	87	87	79	74	81	88	81	78	64	69	78	72	62	57	75.6
	Minimum	58	59	57	57	40	32	38	45	46	56	38	38	43	44	49	58	51	48	52	55	40	47	54	50	50	38	36	37	46	50	47	46.9
Dumas	Maximum	77	83	74	73	63	66	74	78	84	82	62	76	84	84	70	75	85	89	88	80	74	80	90	90	85	79	74	80	75	82	72	78.3
	Minimum	60	63	58	58	41	31	35	40	46	53	44	34	40	43	60	60	57	52	54	53	42	39	50	59	64	48	34	37	48	52	50	48.5
El Dorado	Maximum	74	81	87	77	61	69	77	82	86	88	63	78	83	81	70	80	87	93	94	85	76	82	91	86	86	69	74	77	80	80	72	79.5
	Minimum	63	65	64	60	43	37	41	44	52	57	44	40	44	48	62	64	58	53	54	61	47	45	56	60	66	42	41	40	50	58	56	52.2
England	Maximum	74	82	70	69	58	66	84	76	82	73	59	76	81	..	68	78	81	89	86	73	73	79	..	76	84	62	..	..	77	78	67	74.6
	Minimum	60	62	56	57	42	34	38	40	45	50	44	37	41	..	56	62	59	52	54	54	41	43	..	52	60	41	..	..	37	50	47	48.7
Eureka Springs	Maximum	63	79	70	63	55	66	75	75	77	70	63	75	82	85	82	80	84	87	78	66	76	81	82	80	72	62	64	73	66	58	49	72.2
	Minimum	50	52	56	49	35	30	46	53	55	40	34	45	55	56	50	54	51	52	58	41	37	56	55	53	40	32	39	43	38	44	34	46.2
Fayetteville	Maximum	66	79	75	66	54	65	72	72	77	75	63	73	79	82	79	80	82	85	78	67	74	79	81	81	76	60	63	72	68	59	51	72.0
	Minimum	54	51	57	49	34	31	43	53	53	39	32	38	46	53	46	47	45	47	57	41	35	55	51	47	42	32	35	44	39	42	39	44.4
Fort Smith	Maximum	72	80	69	63	57	68	77	78	81	64	63	77	83	83	80	82	83	89	74	67	74	83	84	85	69	64	68	77	65	56	56	73.3
	Minimum	58	59	60	48	41	37	45	51	54	41	36	42	48	57	55	52	54	56	59	51	44	53	57	58	42	37	41	44	47	52	39	49.0
Gravette	Maximum	73	74	76	78	63	65	75	74	78	74	63	74	80	80	81	81	82	81	79	68	73	79	77	82	75	67	73	74	60	60	52	73.3
	Minimum	48	47	47	48	32	29	40	46	49	38	27	39	49	48	49	46	43	42	49	43	39	49	47	47	42	27	33	40	33	38	37	41.6
Harrison	Maximum	..	..	..	63	55	61	75	74	78	75	59	76	80	81	87	79	79	83	85	73	70	78	80	81	76	58	63	72	67	54	48	71.8
	Minimum	..	..	..	..	..	..	52	54	56	51	48	42	45	49	46	44	49	43	47	44	35	49	57	43	42	34	37	33	39	40	35	44.7
Helena	Maximum	75	76	74	68	57	61	67	71	76	76	54	70	78	78	70	68	73	78	81	71	78	77	89	84	82	75	71	74	70	79	74	73.4
	Minimum	59	60	57	55	40	34	41	47	53	50	43	34	47	63	60	61	60	54	60	54	39	40	53	61	63	45	38	40	49	51	47	50.3
Hope	Maximum	78	83	80	75	62	69	77	81	85	80	65	77	81	82	67	84	85	90	88	77	73	80	89	86	81	65	71	79	77	80	69	77.9
	Minimum	61	63	62	55	41	34	44	45	54	55	41	37	41	46	56	60	52	49	57	57	45	43	53	57	55	38	37	43	52	54	49	49.5
Hot Springs	Maximum	76	83	78	70	67	69	75	78	78	69	79	86	86	76	85	85	89	88	82	80	79	90	86	80	69	76	78	72	69	68	69	77.9
	Minimum	57	63	61	50	43	35	43	46	52	40	40	47	53	56	61	55	52	56	60	46	47	58	56	62	39	41	41	56	55	51	51	50.7
Jonesboro	Maximum	74	81	78	67	58	62	71	75	80	69	59	74	79	80	67	76	76	84	86	73	70	77	83	79	81	62	66	74	64	58	50	72.6
	Minimum	61	55	56	53	40	35	38	42	48	48	42	40	49	46	54	60	60	54	57	56	42	43	56	52	61	45	41	38	52	45	44	48.8
Lead Hill	Maximum	70	85	73	66	53	67	78	80	81	71	64	80	84	85	81	82	83	88	86	75	76	83	84	85	71	63	65	75	69	52	47	74.3
	Minimum	56	45	41	52	37	26	33	39	40	43	39	34	37	47	42	51	44	43	45	46	30	46	49	40	46	33	31	30	41	37	40	40.8
Little Rock	Maximum	72	80	68	69	53	63	70	74	78	71	59	73	78	78	65	77	80	85	83	70	70	76	85	84	80	61	68	75	67	68	63	72.4
	Minimum	60	63	59	50	48	39	45	48	52	45	43	42	50	54	57	61	61	55	59	57	50	50	54	58	48	42	44	45	52	54	42	51.1
Lutherville	Maximum	70	83	75	64	57	65	75	75	80	71	61	76	81	88	78	82	84	87	85	73	74	79	84	83	72	63	67	75	69	60	55	73.7
	Minimum	56	55	54	53	38	32	40	45	48	46	36	39	46	55	53	57	65	53	58	51	42	52	53	58	50	39	40	42	50	47	44	48.3
Magnolia	Maximum	82	84	85	81	65	70	79	83	88	87	65	80	86	85	84	85	86	94	89	80	81	81	90	87	87	66	73	80	79	80	75	81.2
	Minimum	62	62	61	60	40	31	40	44	48	55	43	34	40	45	46	47	49	50	54	59	43	46	55	61	64	38	36	40	45	51	54	48.5
Malvern	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	58	62	56	59	37	31	34	39	43	55	41	35	39	47	54	60	50	48	49	57	40	41	41	51	55	38	32	34	46	54	53	46.4
Mammoth Spring	Maximum	69	78	78	68	57	59	69	73	76	73	58	73	75	78	74	78	79	81	85	75	76	73	80	78	73	65	63	72	70	62	49	71.5
	Minimum	59	48	51	58	39	31	34	43	41	41	40	35	41	45	46	58	58	50	51	52	34	44	50	44	50	41	34	32	46	39	41	44.3
Marianna	Maximum	74	78	76	72	64	59	66	72	77	77	72	68	75	77	72	73	77	80	82	75	67	74	76	83	80	76	68	72	68	75	72	73.5
	Minimum	50	52	61	56	43	36	37	46	50	50	45	35	46	46	58	60	51	54	55	56	41	42	52	55	65	45	39	40	50	55	45	48.9
Marked Tree§§	Maximum	76	79	78	64	58	61	68	74	79	70	54	71	78	80	63	75	74	84	87	70	68	77	85	82	80	66	67	66	65	70	52	71.5
	Minimum	49	58	54	56	40	34	35	38	41	51	42	36	37	43	46	54	60	51	53	63	38	40	41	49	53	45	37	35	35	35	45	44.5
Marshall	Maximum	67	69	70	64	53	63	65	67	75	74	68	69	71	73	79	77	77	78	79	79	67	70	79	79	74	60	61	70	70	61	50	69.5
	Minimum	55	48	50	50	32	27	42	46	52	41	36	34	40	47	42	56	44	44	48	47	33	46	54	44	45	31	32	34	42	40	35	42.6
Mena	Maximum	73	83	70	69	56	69	75	78	80	69	63	77	82	82	75	80	65	88	83	72	78	78	89	83	71	63	71	75	67	66	65	71.7
	Minimum	55	59	60	52	40	33	43	48	54	46	34	41	50	54	46	57	53	51	59	56	45	50	56	54	48	37	42	43	50	51	43	48.8
Morrilton §§	Maximum	72	84	68	63	57	65	72	74	78	70	60	76	82	79	67	81	82	85	87	71	73	77	87	82	75	63	68	75	66	60	54	72.7
	Minimum	59	59	56	57	48	55	40	45	49	52	42	39	44	49	51	54	56	50	52	58	41	42	50	51	53	40	42	38	41	51	50	48.0
Mountain Home	Maximum	68	85	80	65	53	65	76	77	79	65	62	78	83	84	79	81	84	88	89	70	75	82	85	82	72	63	67	71	65	50	47	73.3
	Minimum	47	47	50	48	36	28	35	41	44	42	35	45	41	48	46	57	51	51	61	47	34	47	50	46	46	36	34	35	42	41	40	44.7
Mount Ida	Maximum	74	80	71	63	59	68	74	76	80	70	65	77	81	83	69	84	88	88	88	76	78	79	92	84	74	72	76	72	71	74	67	76.0
	Minimum	56	58	53	55	35	28	32	40	44	48	29	30	35	45	41	53	44	41	48	56	36	39	49	44	32	30	30	51	44	49	46	42.6
Newport	Maximum	75	82	78	67	56	63	70	73	79	72	58	74	79	81	67	78	81	85	85	74	72	78	88	79	82	62	67	75	65	56	49	72.5
	Minimum	60	52	54	56	42	34	33	41	47	43	42	38	44	45	52	59	59	51	54	55	41	42	50	50	60	42	35	34	49	46	43	47.2
Okay	Maximum	77	80	80	79	70	70	79	79	83	82	67	76	83	83	78	85	87	86	91	83	76	81	91	87	81	69	75	79	78	82	76	79.6
	Minimum	61	64	58	59	40	30	39	43	55	56	31	33	28	47	50	56	47	47	49	60	40	42	45	50	55	35	32	33	44	53	55	46.7
Ozark	Maximum	72	83	65	65	59	67	77	76	82	63	64	73	79	81	80	85	85	85	80	71	74	80	84	82	61	65	69	77	69	56	55	73.2
	Minimum	55	50	54	56	38	33	34	42	47	55	34	35	39	44	49	49	52	49	49	49	40	46	47	50	51	36	36	37	39	48	49	44.9
Pine Bluff	Maximum	74	82	69	71	59	68	73	81	85	75	64	78	85	85	70	77	86	92	89	78	74	84	90	87	85	68	76	81	75	79	72	76.0
	Minimum	60	61	58	56	48	36	40	43	48	50	44	38	44	48	60	63	59	54	55	57	47	44	56	59	63	44	41	40	55	55	48	50.7
Pocahontas	Maximum	78	82	80	74	59	62	70	74	79	75	61	75	77	81	70	80	80	85	86	80	72	78	84	79	80	65	66	73	72	55	50	72.6
	Minimum	57	50	50	54	40	31	34	40	43	45	40	36	41	45	50	57	57	50	54	55	46	41	52	51	55	43	35	53	46	43	41	46.4
Portland	Maximum	75	78	75	72	61	62	70	77	82	85	64	69	77	79	69	78	80	87	84	75	71	75	85	83	86	77	70	77	81	81	71	75.9
	Minimum	59	60	55	57	39	30	31	36	43	53	42	30	35	38	57	58	56	48	49	50	42	37	45	54	61	46	38	34	45	56	54	46.4
Prescott	Maximum	76	81	79	78	64	67	76	79	84	82	63	77	82	83	76	83	86	91	88	85	75	80	89	86	83	67	72	79	76	78	73	78.6
	Minimum	60	63	60	58	42	35	33	43	48	53	40	37	41	48	57	60	56	51	54	60	45	44	52	57	64	37	39	40	50	54	57	49.3
Rison	Maximum	74	75	80	78	61	67	75	80	88	79	61	76	83	84	75	78	82	84	94	91	73	82	90	87	88	66	72	80	76	81	73	78.8
	Minimum	59	60	59	59	41	34	39	43	49	55	43	38	42	47	60	64	54	53	59	57	42	43	55	60	62	43	40	41	54	55	52	50.3
Searcy	Maximum	75	82	76	68	57	61	69	74	79	69	54	72	76	80	71	79	83	83	84	72	70	77	86	80	83	63	70	74	69	61	58	72.7
	Minimum	60	53	50	58	41	34	34	39	43	49	42	35	40	45	52	60	57	52	51	57	39	42	46	49	58	39	35	34	44	46	45	46.0
Stuttgart	Maximum	75	83	74	67	57	65	73	78	85	75	56	75	81	88	68	78	83	89	87	74	72	81	82	85	83	66	71	73	72	80	70	75.4
	Minimum	60	61	55	61	41	33	39	43	43	54	44	36	41	47	55	56	53	52	56	53	40	42	61	56	62	42	37	37	50	58	51	48.4
Sunset	Maximum	62	76	67	62	50	62	69	68	74	67	61	71	75	78	77	75	77	82	75	66	73	74	83	78	71	58	61	70	64	55	58	69.0
	Minimum	51	54	55	46	33	33	46	50	54	36	30	44	52	56	56	54	55	58	61	41	44	56	53	59	40	33	41	48	36	46	34	46.9
Texarkana	Maximum	81	80	83	75	62	70	81	82	83	77	65	77	85	84	74	85	88	92	88	78	78	78	90	86	80	68	76	80	79	80	70	79.2
	Minimum	56	68	61	53	39	33	44	45	45	54	35	36	42	49	53	55	50	51	55	57	44	45	53	60	50	36	37	44	45	54	45	48.0
Thornburg	Maximum	72	82	68	67	56	65	72	78	77	67	60	67	81	84	64	80	83	87	88	74	73	78	89	84	79	62	69	76	70	62	53	73.0
	Minimum	51	56	51	54	39	29	42	41	47	47	40	32	38	42	41	55	42	42	50	54	35	40	60	46	49	38	31	34	44	51	45	44.1
Warren	Maximum	78	79	77	75	60	61	68	72	79	78	59	69	76	79	74	75	82	85	83	78	73	75	85	84	82	76	69	75	74	77	70	75.1
	Minimum	62	62	60	59	42	34	38	42	47	56	48	37	42	46	60	63	60	58	55	69	46	42	56	60	63	44	42	39	53	54	52	51.0
Wilson	Maximum	75	79	80	75	67	65	70	78	78	80	71	71	75	78	72	72	81	85	75	72	76	72	82	82	60	74	65	72	66	65	72	74.4
	Minimum	58	54	57	52	39	34	39	45	49	49	41	37	45	45	60	61	52	55	58	39	40	53	50	49	61	45	38	36	49	48	45	47.7
Wynne	Maximum	78	77	79	68	63	59	69	69	80	71	58	71	80	78	65	72	75	81	84	70	66	75	84	83	80	65	66	74	65	72	65	71.9
	Minimum	57	51	55	61	38	38	40	44	51	46	42	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36	36	45	46	45	47.4

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 11 29 32-1020

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

OL. XXXVII LITTLE ROCK, ARK., NOVEMBER, 1932 No. 11

GENERAL SUMMARY

Much colder weather overspread the State on the 1st and 2d ith freezing temperatures extending to the southern border in ie southwestern portion and to south-central sections in the astern portion. Temperatures were again from 10° to 15° elow normal from the 10th to the 12th with killing frosts re-orted to the southern border. The coldest weather for the ionth for the western half of the State occurred at most sta-ons on the 16th when temperature departures were as much s 21° below normal, while in eastern sections the lowest oc-urred about the 29th. The mean temperature for the State, ased on the reports of 60 stations, was 46.7° which is 4.7° elow normal, all stations for which normals have been com-uted having negative departures. Monthly means ranged rom 41.6° at Marshall to 51.4° at El Dorado. The highest emperature reported was 82° at El Dorado on the 20th; the owest, 9° at Gravette on the 16th. The greatest daily range as 56° at Camden on the 20th.

November, 1932, with a precipitation of 1.98 inches is the riest November since 1920 when the State average was 1.95 nches. Monthly totals ranged from 0.48 inch at Fort Smith o 4.76 inches at Dumas with all stations except one with records f 10 years or more having negative departures. Seven stations ad monthly amounts of less than 1.00 inch and only one nore than 4.00 inches. The eastern half of the State received he greatest amount of rainfall while sections along the eastern lope of the Ozarks, in the west-central portion, and in the pper basin of the Ouachita River received the least. Snowfall ccurred in the northern portion of the State on the 10th, 5th, and 16th and at a few scattered stations in the eastern ortion on the 18th, 9 stations reporting a measurable amount or the month the average of which was 1.0 inch. Harrison, n Boone County, reported the greatest depth for the month, .0 inches, all of which fell on the 10th. Sleet occurred on he 10th and 15th in the northern half of the State and at two tations in the southeastern portion on the 17th. Glaze was eported from three stations in the Ozarks on the 15th but no lamage resulted. All streams in the State remained at low tages during the month.

The weather was favorable for the harvesting of fall crops luring the first four or five days of November but the frequent howers and the low temperatures during the middle of the nonth retarded most outdoor activities. The major portion f the cotton crop was picked during October but even at the lose of the month some remained in the fields in the lowlands. n some sections the soil is still too dry for fall plowing and he growth of winter crops, but in the greater portion of the State conditions are more favorable.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	1	2			3	10	25			1								4					2								
Glaze															3																
Sleet										7				1	15	2	2														
Heavy Hail																															
Thunderstorms							3	12		7					6																

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.15	30.56	27	29.58	7	4.948	21	s	14	......	......	70
Fort Smith	30.18	30.60	27	29.64	7	5,800	22	nw	8	75	54	58
Little Rock	30.21	30.67	28	29.71	10	6,900	27	s	15	74	53	58
Memphis	30.20	30.69	28	29.63	10	6,139	27	nw	15	77	73	56

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COMPARATIVE DATA FOR NOVEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precipi. .01 or more
Means-Extremes	**51.4**		**96**		**2**		**3.65**		**15**	**6**	**9**	**6**
1891	49.7	−1.7	87	6	10	30	5.56	+1.91	13	7	10	8
1892	49.9	−1.5	79	27	20	7	5.83	+2.18	11	7	12	9
1893	49.3	−2.1	84	7	10	24	4.21	+0.56	14	8	8	5
1894	50.4	−1.0	81	1	12	11	1.12	−2.53	19	6	5	2
1895	49.9	−1.5	82	18	16	25	4.82	+1.17	14	5	11	6
1896	52.8	+1.4	88	10	8	30	4.34	+0.69	14	7	9	7
1897	51.6	+0.2	88	15	15	30	2.82	−0.83	16	6	8	6
1898	47.5	−3.9	87	5	9	22	3.20	−0.45	13	8	9	4
1899	54.3	+2.9	87	7	17	3	2.61	−1.08	13	8	9	6
1900	51.4	0.0	90	3	18	12	4.28	+0.63	15	7	8	6
1901	50.5	−0.9	88	2	15	16	2.99	−0.66	16	7	7	5
1902	56.5	+5.1	90	11	18	27	6.66	+3.01	8	9	13	9
1903	47.6	−3.8	89	4	2	18	0.64	−3.01	13	9	8	3
1904	51.4	0.0	89	4	17	15	1.38	−2.27	17	5	8	3
1905	53.2	+1.8	88	18	9	30	3.28	−0.37	16	5	9	5
1906	50.2	−1.2	88	16	13	22	5.90	+2.15	14	7	9	6
1907	49.0	−2.4	84	5	10	13	5.71	+2.06	16	5	9	6
1908	53.8	+2.4	88	10	5	14	5.40	+1.75	15	6	9	8
1909	59.3	+7.9	90	4	16	18	3.75	+0.10	13	8	9	7
1910	51.5	+0.1	85	24	17	29	0.47	−3.18	16	9	5	3
1911	46.8	−4.6	86	11	5	12	3.18	−0.47	14	8	8	7
1912	50.5	−0.9	89	11	13	25	1.66	−1.99	19	7	4	2
1913	57.6	+6.2	85	18	20	9	2.47	−1.18	10	9	11	5
1914	52.6	+1.2	88	5	11	20	2.32	−1.33	15	6	9	4
1915	54.8	+3.4	88	1†	17	15	5.40	+1.75	16	5	9	6
1916	52.1	+0.7	87	2	10	10	2.95	−0.70	20	4	6	5
1917	50.7	−0.7	85	10	11	24	1.96	−1.69	17	4	9	4
1918	49.7	−1.7	88	6	18	30	3.91	+0.26	15	4	11	6
1919	51.4	0.0	86	1	14	13	6.27	+2.62	17	3	10	7
1920	47.8	−3.6	89	7	10	13	1.95	−1.70	15	4	11	5
1921	54.9	+3.5	88	17	17	12	5.53	+1.88	13	6	11	7
1922	52.9	+1.5	88	4	20	21	3.89	+0.24	16	6	8	6
1923	50.8	−0.6	81	10	21	6	3.34	−0.31	15	4	11	6
1924	53.4	+2.0	88	2	15	25	2.36	−1.29	16	5	9	4
1925	50.4	−1.0	89	12	15	25	5.67	+2.02	16	4	10	8
1926	47.2	−4.2	81	6	10	19	3.33	−0.32	14	5	11	6
1927	56.7	+5.3	96	1	20	17	3.67	+0.02	7	8	15	6
1928	50.2	−1.2	82	8†	13	26	4.25	+0.60	13	3	14	8
1929	46.1	−5.3	85	12	7	30	2.61	−1.04	10	6	14	8
1930	50.5	−0.9	87	18	16	6†	4.15	+0.50	16	4	10	7
1931	57.6	+6.2	88	3†	18	1	6.34	+2.69	9	5	15	9
1932	46.7	−4.7	82	20	9	16	1.98	−1.67	16	4	10	6

Daily River Stages for November, 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ort Smith	Arkansas	22	4.0	3.8	3.8	3.8	3.6	3.6	3.6	3.8	3.8	3.6	3.6	3.7	3.9	3.9	3.9	3.8
zark	do	22	0.3	0.3	0.2	0.1	0.0	-0.2	-0.3	-0.4	-0.6	-0.7	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9
ardanelle	do	22	3.5	3.8	3.9	3.8	3.7	3.5	3.5	3.3	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.9
orrillton	do	20	-2.2	-1.8	-1.4	-1.3	-1.5	-1.6	-1.9	-2.0	-2.1	-2.1	-2.1	-2.2	-2.2	-2.2	-2.2	-2.2
ittle Rock	do	23	-1.8	-1.6	-1.1	-0.9	-0.8	-0.9	-1.0	-1.2	-1.3	-1.4	-1.5	-1.5	-1.6	-1.6	-1.6	-1.7
ine Bluff	do	25	2.5	2.5	2.7	3.4	3.7	3.8	3.8	3.7	3.5	3.4	3.3	3.1	2.9	2.9	2.9	2.9
ancopin	do	29	4.1	4.1	4.1	4.1	4.3	4.9	5.3	5.5	5.5	5.3	5.1	5.0	4.8	4.7	4.7	4.6
anville	Petit Jean	20	1.3	1.2	1.2	1.2	1.1	1.1	1.4	1.8	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5

Stations	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	3.8	3.7	3.8	4.0	3.8	3.8	3.8	3.8	3.6	3.6	3.6	3.6	3.6	3.6	
zark	-0.9	-0.9	-0.9	-0.9	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	
ardanelle	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	
orrillton	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.4	-2.4	-2.4	-2.5	-2.5	-2.5	
ittle Rock	-1.7	-1.7	-1.8	-1.8	-1.8	-1.8	-1.9	-1.9	-1.9	-1.9	-1.9	-2.0	-2.0	-2.0	
ine Bluff	2.9	2.8	2.8	2.8	2.6	2.5	2.5	2.7	2.7	2.7	2.4	2.4	2.4	2.4	
ancopin	4.5	4.5	4.4	4.3	4.3	4.2	4.2	4.3	4.3	4.3	4.2	4.2	4.1	4.1	
anville	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.1	1.1	1.0	1.0	0.9	0.9	0.8	

Climatological Data for November 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	46.6	−5.8	76	4	21	17	48	1.20	−2.49	0.45	0.0	5	18	7	5	n.	J. W. Campbell
Arkadelphia	Clark	250	36	...	...	...	...	...	...	...	1.66	−2.03	0.53	0.0	9	14	5	11	ne.	W. K. Bown
Arkansas City	Desha	145	48	...	...	...	...	...	...	...	2.95	−0.94	0.88	T.	8	18	2	10	...	Herbert Neff
Arlberg	Stone	700	10	...	...	...	...	...	...	...	1.41	...	0.82	T.	8	14	3	13	se.	J. D. Reeves
Batesville	Independence	277	33	42.4	−6.8	74	4	15	28	53	1.55	−1.94	0.53	0.0	7	17	3	10	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	46.2	−4.5	72	4†	21	16	43	1.61	−1.87	0.53	0.0	5	16	1	13	n.	J. E. Scanlan
Bentonville	Benton	1303	27	43.4	−4.8	71	7	12	16	44	2.23	−0.91	0.60	1.8	8	15	4	11	s.	U. S. Weather Burea
Big Lake Outlet.‡‡	Mississippi	...	2	...	...	...	...	...	...	...	2.10	...	0.70	T.	5	19	0	11	...	Harry Johnson
Black Rock	Lawrence	259	30	...	...	...	...	...	...	...	1.88	−2.28	0.78	0.0	6	17	0	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	7	46.2	...	73	7	24	28	35	2.56	...	0.98	T	9	14	1	15	s.	Charles Phillips Jr.
Booneville	Logan	465	18	48.2	−4.3	81	20	19	16	49	1.51	−2.03	0.75	0.0	4	17	5	8	w.	F. H. Randolph
Brinkley	Monroe	205	45	46.7[a]	−5.0	77[a]	4	20	29	43[a]	3.07	−1.12	1.12	0.0	7	18	1	11	ne.	R. J. Torry
Calico Rock	Izard	361	28	42.8	−4.2	74	4	17	28†	52	1.90	−1.12	0.46	T.	8	12	10	8	nw.	W. J. Copp
Camden	Ouachita	158	47	47.2	−4.8	77	7	18	19†	56	2.40	−1.71	1.53	0.0	7	14	4	12	ne.	Georgia Quarterman
Carthage	Dallas	...	26	47.6	...	78	4	19	19	43	1.09	−2.64	0.96	0.0	2	22	2	6	...	H. K Bell
Center Point	Howard	470	33	49.8	−4.4	77	4	19	16	34	0.93	−2.62	0.41	0.0	5	19	2	9	se.	John C. Floyd
Clarendon	Monroe	172	28	...	...	...	...	...	...	...	3.09	−0.82	0.90	0.0	9	17	3	10	n.	J. W. Bishop
Clinton	Van Buren	516	11	...	...	...	...	...	...	...	1.39	−3.24	0.48	0.0	5	16	3	11	nw.	A. L. Stephens
Conway	Faulkner	309	49	46.8	−4.9	72	20	21	28	42	1.86	−2.07	0.61	0.0	5	17	5	8	n.	E. E Cordrey
Corning	Clay	293	39	45.0	−3.3	74	4†	20	13	42	2.28	−1.30	1.04	T.	6	15	3	12	sw.	Winfred D. Polk
Cotter	Baxter	408	5	...	...	...	...	...	...	...	1.01	...	0.32	T.	7	17	0	13	nw.	O. B. McSpadden
Crosset	Ashley	175	20	49.4[b]	...	80[b]	4	24[b]	29	46[c]	2.76	−1.50	0.98	0.0	7	13[b]	3[b]	12[c]	ne.	G. A. Gifford
Danville	Yell	327	16	...	...	...	...	...	...	...	1.65	−1.59	0.71	0.0	4	17	1	12	w.	C. G. Hudson
Dardanelle	Yell	330	46	47.4	−4.4	76	20	22	16†	48	1.51	−1.97	0.59	0.0	6	10	6	14	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	...	...	...	...	...	...	...	2.84	...	1.10	0.0	7	19	0	11	..	H. G. Pate
Dumas	Desha	162	26	48.6	−4.8	78	4	22	29	41	4.76	+0.70	1.95	0.0	7	14	7	9	n.	Ben Johnson
Dutton	Madison	1590	29	...	...	...	...	...	...	...	2.35	−1.12	1.65	T.	3	20	6	4	n.	J. M Ricketts
El Dorado	Union	270	31	51.4	−8.4	82	20	24	19	43	3.14	−1.15	1.50	0.0	8	14	9	7	n.	J. J. Babb
England	Lonoke	229	25	48.1[a]	−5.0	77[a]	4	23[a]	28	41[a]	2.01	−1.69	1.23	0.0	5	18[a]	2[a]	9[a]	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	45.4	−5.6	73	20	12	16	42	2.75	−0.32	0.83	1.5	6	19	4	7	n.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	44.8	−4.6	70	7	14	16	41	2.00	−1.03	0.70	T	6	20	5	5	n	University of Arkansa
Fort Smith	Sebastian	457	55	47.8	−3.2	76	7	20	16	39	0.48	−2.39	0.27	0.0	5	13	10	7	e.	U. S. Weather Burea
Freeman Springs‡‡	Pope	2240	8	...	...	...	...	...	...	...	0.89	...	0.28	T	7	18	2	10	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	46	...	...	...	...	...	...	...	1.64	−1.92	0.47	0.0	5	18	2	10	...	T. J. Logan
Georgetown	White	200	20	...	...	...	...	...	...	...	2.08	−1.39	0.76	0.0	5	16	2	12	...	W. R. Owens
Gilbert	Searcy	675	8	...	...	...	...	...	...	...	0.97	...	0.24	0.5	5	17	3	10	...	S. G. Battenfield
Grannis	Polk	900	13	43.7	−7.3	74	20	19	16	44	1.43	−3.41	0.76	T.	4	19	5	6	n.	W. E. McVay
Gravette	Benton	1250	35	43.7	−5.3	71	7†	9	16	44	2.53	−0.58	0.80	1.0	5	13	11	6	sw.	A. F. Stevens
Harrison	Boone	1052	32	42.7	−5.9	73	20	15	16	47	1.67	−1.06	0.94	2.0	4	21	3	6	nw.	Louis R. Keck
Helena	Phillips	250	60	49.0	−3.8	77	15	22	12†	47	3.45	−1.11	0.87	T.	8	15	3	12	ne.	James A. Burnett
Higden	Cleburne	445	13	...	...	...	...	...	...	...	1.36	−2.68	0.52	0.0	6	13	6	11	w.	Geo. W. Baker
Highland	Pike	...	12	50.6	...	78	8	21	16	38	0.76	−2.95	0.31	0.0	4	17	6	7	e.	J. O. Cooley
Hope	Hempstead	377	61	49.0	−5.4	77	4	21	16	41	1.40	−3.04	0.75	0.0	5	21	1	8	e.	N. P. O'Neal
Hot Springs	Garland	600	41	49.2	−3.2	76	4	24	16	37	1.05	−3.10	0.38	0.0	5	13	10	7	...	G. C. Bolton
Index.‡‡	Little River	275	7	...	...	...	...	...	...	...	1.80	...	0.95	0.0	7	18	1	11	...	H. G. Sanderson
Jessieville	Garland	750	6	...	...	...	...	...	...	...	2.95	...	1.50	0.0	7	14	5	11	...	U. S. Forest Service
Jonesboro	Craighead	345	37	46.8	−4.4	75	4†	22	16	39	1.20	−2.18	0.76	0.0	3	19	2	9	n.	Benedictine Sisters
Lead Hill	Boone	650	26	43.1	−4.9	77	20	16	28	54	2.05	−1.49	0.80	T.	5	20	2	8	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	47.4	−4.7	74	4	25	16	40	1.23	−2.96	0.43	0.0	7	13	6	11	n.	U. S. Weather Bure
Lurton	Newton	2100	7	...	...	...	...	...	...	...	...	...	...	..	.	..	..	..	...	I. C. Sutton
Lutherville‡‡	Johnson	775	33	47.0	−3.8	75	20	19	16	41	1.25	−2.23	0.46	0.0	5	18	2	10	n.	H. G. Lenhardt
Madison	St. Francis	...	2	...	...	..	...	...	...	...	2.96	...	0.85	0.0	6	20	0	10	...	J. W. Eppes
Magnolia	Columbia	315	16	50.1[a]	−4.1	80[a]	4	20[a]	19	42[a]	1.73	−2.50	1.73	0.0	1	10[a]	14[a]	5[a]	nw.	State Agri. School
Malvern	Hot Springs	277	45	48.1	−3.9	73	4†	22	13†	45	1.86	−2.50	0.59	0.0	7	18	4	8	n.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	600	27	45.1	−3.3	72	4†	18	28	46	1.62	−1.74	0.45	T.	6	16	5	9	nw.	S. F. Whittaker
Marianna	Lee	235	20	49.1	−2.9	78	7	25	16	36	2.78	−0.44	0.80	0.0	7	12	8	10	ne.	C. N. Houck
Marked Tree	Poinsett	229	27	44.6	−4.2	71	4†	22	29	44	2.88	−1.33	0.89	T.	7	15	5	10	s.	Charles Walton
Marshall	Searcy	1070	18	41.6	−9.4	68	20†	15	16	44	1.52	−2.18	0.43	0.5	5	15	2	13	sw.	A. J. Parks
Mena	Polk	1185	44	47.6	−4.6	73	7	20	16	36	3.26	−0.22	1.33	0.0	7	17	7	6	n.	E. W. St. John
Morrillton	Conway	347	9	46.0	...	77	3	24	16†	42	1.44	...	0.44	0.0	6	15	4	11	ne.	John Cook
Mountain Home	Baxter	800	18	44.2	−3.9	74	4†	16	16	48	1.10	−1.93	0.36	1.0	5	14	1	15	w.	R. S. Halbert
Mount Ida	Montgomery	650	33	45.4	−4.9	73	20	16	28	47	1.32	−2.78	0.86	0.0	2	17	2	11	ne.	G. A. Whittington
Newport	Jackson	231	48	45.9	−5.1	73	4	22	29	42	2.28	−1.91	0.83	0.0	7	15	4	11	s.	J. D. Henderson
Norman	Montgomery	750	5	...	...	...	...	...	...	...	1.16	...	0.47	0.0	5	16	3	11	...	U. S. Forest Service
Oden	Montgomery	800	6	...	...	...	...	...	...	...	2.01	...	1.14	0.0	5	17	5	8	se	U. S. Forest Service
Okay	Howard	288	3	48.8	...	79	20	18	16	50	1.02	...	0.54	0.0	6	17	4	9	ne.	Charles R. Jackson
Osceola	Mississippi	240	34	47.2	−2.8	75	7	24	28	36	3.37	−1.01	1.10	T	8	14	4	12	n.	Charles H. Hampton
Ozark	Franklin	396	37	45.2	−6.4	72	7	21	16	44	0.55	−2.64	0.22	0.0	4	20	0	10	e.	Orkney O. Milton
Paragould	Greene	301	9	...	...	...	...	...	...	...	1.70	...	0.72	0.0	5	18	3	9	ne.	W. R. Heagler
Parkin	Cross	...	2	...	...	...	...	...	...	...	2.96	...	0.94	0.0	8	17	1	12	...	P. D Roberts
Patterson	Woodruff	196	16	...	...	...	...	...	...	...	2.09	−2.42	0.74	0.0	4	18	2	10	n.	W. E. Baker.
Piggott	Clay	307	7	...	...	...	...	...	..	...	2.40	...	0.75	0.2	6	15	3	12	n.	V. C. Wright
Pine Bluff	Jefferson	215	45	50.0	−3.0	81	4	25	16†	41	2.32	−1.80	1.25	0.0	5	14	9	7	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	45.8	−4.2	73	4	21	16†	42	1.80	−1.77	0.80	0.0	4	14	3	13	sw.	Benedictine Sisters
Portland	Ashley	122	26	50.2	−3.9	76	4†	23	13†	44	3.43	−0.72	1.55	0.0	7	16	3	11	n.	W. E. Edmiston
Prescott[1]	Nevada	329	44	50.0	−4.0	78	4	22	16	40	1.36	−2.09	0.43	0.0	7	17	6	7	ne.	Craig Williams
Rison	Cleveland	243	31	...	...	70	7†	..	..	..	2.40	−1.12	1.40	0.0	5	17	6	7	n	Mrs. M. V Tisdale
Rogers	Benton	1385	41	44.4	−4.4	71	7†	13	16	43	1.51	−1.48	0.43	0.3	7	18	6	6	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	
Saint Francis	Clay	290	4	...	...	...	...	...	...	...	2.90	...	1.28	T.	6	15	5	10	...	S. T. Rooney
Searcy	White	236	22	45.4	−5.4	74	4	22	13†	44	1.90	−2.45	0.59	0.0	6	16	1	13	ne.	Arthur D. Smith
Springbank‡‡	Miller	240	25	...	...	...	...	...	...	...	2.17	−1.46	1.18	0.0	6	17	0	13	...	Miss Grace Field
Story	Montgomery	700	8	...	...	...	...	...	...	...	1.83	...	0.80	0.0	6	19	5	6	n.	S. C. Story
Stuttgart	Arkansas	228	45	48.0	−4.2	77	4	23	16†	38	2.25	−1.80	0.90	0.0	7	15	3	12	n.	Adam F. Buerkle
Subiaco	Logan	1050	35	46.8	−6.0	77	20	20	16	46	0.99	−2.06	0.34	0.0	6	22	4	4	nw.	New Subiaco Abbey
Sunset	Washington	...	1	44.7	...	66	2†	12	16	46	1.96	...	1.09	T.	5	17	9	4	sw.	Walter James
Texarkana	Miller	332	46	49.6	−5.6	78	7	18	16	40	1.42	−1.86	0.58	0.0	5	19	1	10	n.	H. S. Brashear
Thornburg	Perry	650	11	44.4	...	76	4	15	28	49	1.88	−1.48	0.67	0.0	6	14	5	11	n.	Edward E. Holmes
Waldron	Scott	675	13	...	...	...	...	...	...	...	1.78	−2.06	0.64	0.0	5	16	7	7	ne.	Dr. Cheves Bevill
Warren	Bradley	206	38	49.1	−4.6	74	4†	23	16	46	3.80	−0.14	1.50	0.0	6	19	2	9	nw.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	...	...	...	...	...	...	...	1.59	...	0.98	0.0	2	15	5	10	e.	J. R. Huddleston
Whitecliffs	Little River	290	28	...	...	...	...	...	...	...	1.14	−1.77	0.45	0.0	5	14	5	11	e	Charles Huff
Wilson	Mississippi	237	7	46.2	...	73	7	21	27†	40	2.81	...	0.85	T.	6	17	2	11	s.	D. O. Anderson
Wynne	Cross	250	24	44.6	−6.8	73	4	22	16†	36	1.78	−2.05	0.76	0.0	4	8	13	9	n.	R. T. Cobbs
Yancopin	Desha	167	8	...	...	...	...	...	..	...	3.55	...	1.16	T.	8	12	7	11	...	W. E. Barton
State Means				46.7	−4.7	82	20	9	16	56	1.98	−1.67	1.95	1.0	6	16	4	10	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for November, 1932

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita					.33	.12										.15							15	.45								1.20
Arkadelphia	Ouachita	.31				.10	.11		.04			.16					.13							.27	.53		.01						1.66
Arkansas City	Mississippi	.63					T.	.03				.15					.42		T.	.15					.88	.15	.54						2.95
Arlberg	White				.16						82													.43									1.41
Batesville	White	.03				T.	.01		.13			.58					.58							.20	T.	.02							1.55
Bee Branch	Arkansas					10			.50		.38					.15								.53									1.61
Bentonville***	Arkansas				.35	.02	.01	33	03		.60					.41								.48									2.23
Big Lake Outlet	St. Francis	.60					T	10	T.			.60					.10			T.					.70	T.							2.10
Black Rock	White	.11							.15			.55					.78							.02	.27								1.88
Blytheville	St. Francis	.25				T.	.02	.05	.06			.48					.98			.05					.61	.06	T.						2.56
Booneville	Arkansas					.20			.75		T.					.10								.46									1.51
Brinkley	White						.55	.01				.60					.52								1.12	.25	.02						3.07
Calico Rock	White	.06				.42	.16		.41	T.		.46					.11							.05	.23								1.90
Camden	Ouachita	.43					.03					.16					.23								1.53	.01	.01						2.40
Carthage	Ouachita					T.					T.					.13								.96	T.								1.09
Center Point	Red					.41	.02				.20					.02								.28									0.93
Clarendon	White	.27					.50	.02	.07			.71					.48								.90	.12	.02						3.09
Clinton	White					.11			.46		.28					.06								.48									1.39
Conway	Arkansas					.11			50		.61					.26								.38									1.86
Corning	White	.15				.02			.11			.64					1.04								.32								2.28
Cotter	White					10	.05		.17			.32					.20							.12	.05								1.01
Crossett	Ouachita	31										.33					.54		.03						.98	.05	.49						2.76
Danville	Arkansas					.12			.71			.29													.53								1.65
Dardanelle	Arkansas					.07			.59			.25					.07							.38	.18								1.54
De Valls Bluff	White	.24					.15					.60					.60								1.10	.10	.05						2.84
Dumas	Mississippi	.55					.09	T.				1.95					.65								.92	.50	.10						4 76
Dutton	White								1.65						T.	.05						T.		.65									2.35
El Dorado	Ouachita	.71					.02		.01			.42					.23								1.50	.17	.08						3.14
England	Arkansas					T.					.31					.41								1.23	.01	.05							2.01
Eureka Springs	White				.16	.10			83		.56					.42								.68									2.75
Fayetteville	White				.08	.07			.70		.32					.24	T.							.59									2.00
Fort Smith***	Arkansas				.01	T.		.11			.02					.07								.27									0.48
Freeman Sprgs.	Arkansas					.20			.28	.02		.13				*	.12							.14									0.89
Fulton	Red	.30				.47	.17	T.									T							.25	.45	T.							1.64
Georgetown	White						32		T.			.34					.58								.76	.08							2.08
Gilbert	White					.20		.15	T.			23					.15							.24									0.97
Grannis	Red					.55			.05		T.					.07								.76									1.43
Gravette	Arkansas				.41				.80		.57					.26	T.							.49									2.53
Harrison	White					.12			.94		.31					T.								.30									1.67
Helena	Mississippi	.48					76	.16				.48					.53			.12					.87	.05	T						3.45
Higden	White					.06			.31		.32					.10	.05							.52									1.36
Highland	Ouachita								.26		.16					.03								.31									0.76
Hope	Red					.45	.05					.05				.10								.75									1.40
Hot Springs	Ouachita					.12			.09		.28					.18								.38									1.05
Index	Red	.14				95	.14		.04								.04							.09	.40								1.80
Jessieville	Ouachita					*	.20			.40		45				.40								*	1.50								2.95
Jonesboro	White	.19			T.	T.											.76	T.							.25	T.							1.20
Lead Hill	White				T.	.24			.80		.33					.26								.42									2.05
Little Rock***	Arkansas					.21		.01	.01		.31					25							T.	.43	01	T.							1.23
Lurton	White																																....
Lutherville	Arkansas					.15			.46		.15					.11								38									1.25
Madison	St. Francis	.24					.43		T.			.64					.53								.85	.27							2.96
Magnolia	Red																								1.73								1.73
Malvern	Ouachita	35				.15						.26					.59							.20	.26	.05							1.86
Mammoth Spg.	White	10				.20			.17			.45					.45								.25								1.62
Marianna	St. Francis						.25				.70					.56			.02					42	.80	.03							2.78
Marked Tree	St. Francis	.28					.47	.03				.36					.89								.79	.06	T.						2.88
Marshall	White					30			.43		.21					.18								.40									1.52
Mena	Ouachita					.25	.22	T.	1.33							.01	.06							1.28	.11								3.26
Morrillton	Arkansas	.11				.17			.36			.44					.06								.30								1.44
Mountain Home	White				T.	.16	T.		.20		.36					.20								.18									1.10
Mount Ida	Ouachita								.46															.86									1.32
Newport	White	.13					.08		.11			.66					.83							T.	.44	.03							2.28
Norman	Ouachita						.13		.31			.20					.05							.47									1.16
Oden	Ouachita						.03		.73			.14												*	1.14								2.04
Okay	Red					.54	.02		.05		.02					.03								.36									1.02
Osceola	Mississippi	.20						.12				72					1.10			.80					.84	.08	.01						3.37
Ozark	Arkansas					.09			.15								.09							T.	.22								0.55
Paragould	St. Francis	.13					.06	T.				.61					.72								.18	T.							1.70
Parkin	St. Francis	.19					.37	.02	T.			.56					.60				.12				.94	.16							2.96
Patterson	White						.19					.44					.63								.74								2.00
Piggott	St. Francis					.05					.70	18				.75	.50							.22	T.								2.40
Pine Bluff	Arkansas	.28					T.					.32					.40								1.25	.07	T.						2.32
Pocahontas	White					.08					.57					.80								.35									1.80
Portland	Ouachita	.28										.24					.40		.08						.70	.18	1.55						3.43
Prescott	Ouachita	.25				.26	.13					11					.07							.11	.43								1.36
Rison	Ouachita										.40				*	.50							1.40	.10									2.40
Rogers	White				.08	.21			.21		.43					.05	.27							26									1.51
St. Charles	White																																....
St. Francis	St. Francis	28			T.		.09		.13			.80					1.28							T.	.32	T.							2.90
Searcy	White	.15					.07		.10			.59					.53								.46								1.90
Springbank	Red	.32				.36	.08	T.	.08								T.							T.	1.18	.15							2.17
Story	Ouachita								.80			.24			.13	.03								*	.63								1.83
Stuttgart	Arkansas	.26					.14					.37					.43						T.		.90	.13	.02						2.25
Subiaco	Arkansas					.34	.03		.28		.08					.12								.14									0.99
Sunset	Arkansas					.05	T.		1.09		.07					.40								35									1.96
Texarkana	Red	.21				.38				.15						T.								.10	.58								1.42
Thornburg	Arkansas					.12	.05	T.	.42		.67					.10								.52									1.88
Waldron	Arkansas					.27			.64		.22					.08								.57									1.78
Warren	Ouachita	.60										1.00					.25								1.50	.25	.20						3.80
Waters	Ouachita								.61															.98									1.59
Whitecliffs	Red					.23	.34		.05			T.					.07							T.	.45	T.							1 14
Wilson	Mississippi						.22					.75					.85			.17					.63	.19							2.81
Wynne	St. Francis						T.										.36				.29				.76	.37							1.78
Yancopin	Arkansas	.48						.05				1.10					.42			.14					1.16	.09	.11						3.55

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.3	3.1	3.5	3.1	3.5	3.5	3.5	3.5	2.9	2.7	2.7	2.7	3.1	3.0	3.0	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	2.8	2.6	2.5	2.4	2.4	
Calico Rock	do	18	0.0	1.2	1.8	1.0	1.2	1.0	1.0	1.3	0.4	0.6	1.2	1.0	1.0	1.3	1.3	0.6	1.1	0.8	0.6	0.6	0.7	0.6	0.1	-0.2	0.0	0.0	-0.1	-0.3	-0.3	0.0	
Batesville	do	23	4.5	4.5	6.1	6.3	5.7	5.8	5.6	5.6	5.7	5.0	5.2	5.6	5.6	5.4	5.8	5.8	5.3	5.6	5.3	5.2	5.2	5.2	5.2	4.8	4.4	4.5	4.5	4.5	4.3	4.3	
Newport	do	26	0.2	0.9	1.4	2.3	2.4	2.0	2.0	1.9	1.9	1.8	1.5	1.5	1.7	1.6	1.6	1.7	1.6	1.4	1.4	1.3	1.2	1.1	1.1	1.1	0.9	0.7	0.7	0.7	0.6	0.5	
Georgetown	do	22	-1.2	-1.3	-1.1	0.2	1.3	2.1	2.3	2.3	2.3	2.1	2.0	1.9	1.8	1.7	1.7	1.8	1.8	1.8	1.7	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.7	0.7	0.6	
De Valls Bluff	do	24	2.8	2.8	2.9	3.3	3.9	4.9	5.7	5.9	6.0	6.0	5.9	5.8	5.7	5.5	5.5	5.5	5.5	5.7	5.6	5.5	5.5	5.3	5.1	5.0	4.9	4.9	4.8	4.6	4.4	4.3	
Clarendon	do	30	6.1	6.1	6.2	6.3	6.7	7.4	8.1	8.7	8.9	8.9	8.9	8.9	8.7	8.6	8.5	8.6	8.6	8.6	8.7	8.7	8.5	8.4	8.2	8.2	8.1	8.0	8.0	7.9	7.7	7.6	
Gilbert	Buffalo	30	4.2	3.6	3.5	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
Black Rock	Black	14	2.8	2.7	3.0	3.3	3.1	2.9	2.7	2.6	2.5	2.3	2.2	2.3	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4	
Arkadelphia	Ouachita	12	-1.0	-1.0	-1.0	-1.0	-1.0	-0.8	-1.0	-1.0	-1.9	-1.0	-1.4	-1.0	-1.0	-1.0	-0.8	-1.0	-1.0	-1.0	-0.8	-1.0	-1.0	-1.0	-1.0	-0.6	0.6	-0.2	-0.8	-0.8	-1.0	-1.0	
Camden	Ouachita	26	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2	4.2	4.1	4.1	4.2	4.2	4.2	4.1	4.1	4.2	4.1	4.1	4.1	4.2	4.2	4.2	4.1	4.1	4.3	4.8	5.0	5.0	4.2	
Fulton	Red	28	4.7	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	
Helena	Mississippi	44	7.7	8.2	8.3	8.5	9.2	10.0	10.5	10.6	10.3	9.7	9.4	9.2	8.9	8.7	8.6	9.0	9.4	9.7	10.1	10.9	11.5	11.8	11.7	11.7	12.1	12.5	12.8	13.4	14.0	14.3	
Arkansas City	do	48	8.6	8.0	8.0	8.2	8.3	8.7	9.5	10.2	10.6	10.7	10.4	10.0	9.7	9.4	9.2	9.0	8.9	9.3	9.8	10.3	10.7	11.3	11.8	12.1	12.1	12.3	12.6	12.9	13.5	14.0	

Daily temperatures for November, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	63	68	71	76	60	70	71	51	64	49	48	53	65	68	60	48	39	45	61	74	63	61	54	46	63	57	54	58	62	68		59.7
	Minimum	30	31	33	40	52	54	48	44	31	33	32	25	24	26	37	22	21	27	24	26	35	39	41	36	36	42	38	27	24	23		33.4
Batesville §§	Maximum	59	67	69	74	60	62	70	50	57	44	46	52	62	65	65	45	42	38	45	71	57	54	50	47	62	51	51	53	59	70		56.6
	Minimum	25	26	29	30	49	52	43	44	38	30	27	22	19	20	42	21	21	25	18	20	32	21	22	32	32	37	18	15	16	17		28.1
Bee Branch	Maximum	57	65	68	72	69	62	62	64	55	54	48	52	65	65	65	44	42	41	50	72	68	54	51	49	63	61	51	53	56	65		58.1
	Minimum	28	32	39	48	56	55	52	44	34	35	29	26	24	34	34	21	27	30	25	29	41	32	35	32	44	39	27	24	25	27		34.3
Bentonville	Maximum	59	66	68	65	55	67	71	42	53	43	44	50	61	66	57	32	42	45	42	70	54	59	52	48	61	47	54	59	57	65		55.1
	Minimum	26	33	43	50	49	50	42	37	31	29	25	24	30	48	13	12	25	23	28	34	32	37	30	24	28	30	25	28	30	37		31.8
Blytheville	Maximum	55	65	71	70	64	67	73	68	57	58	44	47	60	67	63	43	35	36	45	66	60	60	53	47	55	54	43	51	58	65		56.7
	Minimum	34	32	39	49	49	55	55	44	40	37	33	27	26	42	43	25	28	33	27	31	37	27	45	35	40	36	25	24	26	31		35.8
Booneville	Maximum	61	67	70	76	68	71	78	67	61	56	48	56	67	69	66	46	43	49	62	81	69	60	54	49	62	55	54	56	65	72		61.9
	Minimum	29	32	39	51	57	52	49	42	33	38	29	26	23	48	28	19	29	23	24	32	42	39	43	29	39	35	29	28	26	25		34.6
Brinkley	Maximum	61	67	73	77	69	70	73	68	61	64	48	52	65	69	71	45	39	40	52	..	72	61	54	50	57	55	50	54	63	68		60.2
	Minimum	30	28	34	46	45	54	50	46	35	31	26	23	22	39	39	23	27	32	24	31	31	27	43	36	38	41	25	22	20	27		33.2
Calico Rock§§	Maximum	58	69	70	74	57	61	67	46	58	46	46	52	67	65	55	41	45	40	43	70	56	54	50	53	62	50	51	55	63	71		56.5
	Minimum	29	29	32	35	46	54	46	43	32	31	29	21	21	22	45	19	21	25	22	24	25	28	32	28	29	32	19	17	17	19		29.1
Camden§§	Maximum	60	67	73	76	71	73	77	58	65	67	52	58	66	71	71	50	37	45	60	74	64	67	59	46	60	59	54	57	61	68		62.2
	Minimum	33	30	30	34	52	54	45	47	32	33	29	23	22	24	41	21	21	31	18	18	38	35	37	41	40	43	28	24	22	22		32.3
Carthage	Maximum	59	64	71	78	75	74	74	70	62	61	50	54	65	69	69	52	46	40	57	72	69	63	62	50	60	59	51	54	60	67		61.9
	Minimum	31	30	33	42	48	54	45	47	31	32	27	23	23	33	42	22	28	32	19	30	40	30	42	39	40	41	28	24	22	24		33.4
Center Point	Maximum	62	67	72	77	65	60	73	69	63	61	49	57	62	69	65	51	45	49	62	75	68	60	60	50	67	59	55	57	61	67		61.9
	Minimum	33	38	43	51	58	54	50	43	31	42	30	26	34	40	34	19	30	25	31	41	46	41	40	35	45	44	31	29	33	37		37.8
Conway	Maximum	60	66	71	71	67	68	68	66	59	55	48	53	66	69	63	47	42	40	49	72	60	52	52	48	63	58	52	52	61	68		58.9
	Minimum	30	31	36	47	58	54	49	41	33	35	31	25	24	40	34	24	29	32	24	32	42	31	38	36	45	42	27	21	22	26		34.6
Corning	Maximum	57	67	71	74	68	71	74	65	56	53	43	50	62	67	60	43	37	38	43	68	59	57	55	45	59	56	48	52	59	67		57.5
	Minimum	29	29	34	44	54	53	50	41	38	33	31	25	20	43	36	22	24	22	26	26	33	24	43	31	38	34	23	21	21	27		32.5
Crossett §§	Maximum	60	67	75	80	67	68	78	60	70	73	51	60	64	70	74	48	39	42	59	72	65	71	67	47	53	..	..	59	62	67		63.1
	Minimum	43	33	36	42	47	54	46	48	33	35	33	25	26	29	41	25	25	35	25	26	41	37	38	41	40	44	..	..	24	25		35.6
Dardanelle	Maximum	59	66	70	74	69	67	73	67	59	55	48	54	60	68	66	47	43	48	51	76	64	54	52	54	64	59	52	58	62	65		60.0
	Minimum	30	32	38	46	57	56	49	45	35	40	31	26	23	40	33	22	28	27	23	28	40	37	38	34	46	41	25	22	24	25		34.7
Dumas	Maximum	63	66	74	78	64	68	76	65	65	72	52	55	65	71	75	50	45	41	50	72	63	65	62	50	54	56	50	53	62	68		61.7
	Minimum	42	30	36	45	48	56	48	48	34	33	29	26	25	38	40	24	30	34	25	40	41	31	47	38	39	40	28	24	22	27		35.6
El Dorado	Maximum	61	65	75	81	71	72	75	72	65	77	55	55	62	80	75	55	55	57	67	82	68	68	65	58	58	60	52	50	62	62		65.3
	Minimum	37	36	44	53	52	57	48	49	36	40	32	29	29	39	37	25	30	35	24	39	45	39	40	40	40	40	30	27	28	29		37.6
England	Maximum	61	69	74	77	67	73	70	65	62	65	48	52	64	69	70	47	37	39	53	72	..	65	74	47	58	55	50	56	61	71		61.1
	Minimum	32	32	36	47	50	55	48	48	35	37	30	27	26	41	37	24	26	32	26	34	..	29	41	39	40	40	28	23	24	30		35.1
Eureka Springs	Maximum	61	69	72	72	55	68	72	63	54	45	44	52	62	66	59	33	42	45	43	73	69	60	54	49	61	50	54	59	61	68		57.8
	Minimum	27	37	43	52	49	51	51	34	32	31	23	24	33	49	17	12	24	27	28	31	30	35	38	25	30	30	23	23	36	44		33.0
Fayetteville	Maximum	59	68	68	67	57	65	70	66	53	46	43	49	60	65	60	34	43	47	47	69	59	58	54	47	60	52	56	60	58	65		56.8
	Minimum	27	33	44	52	50	50	50	37	32	32	25	25	29	46	19	14	25	27	27	32	33	37	41	26	30	30	24	24	27	39		32.9
Fort Smith	Maximum	59	66	67	73	61	71	76	48	57	48	47	54	66	70	59	41	43	52	56	75	60	56	54	54	61	57	51	53	60	69		58.8
	Minimum	32	38	44	51	56	53	48	40	34	34	29	30	30	43	24	20	31	30	33	36	44	39	40	33	44	39	31	31	32	32		36.7
Gravette	Maximum	58	67	69	*65*	*63*	*68*	*71*	*60*	52	49	43	49	62	65	62	31	42	44	59	71	66	59	55	47	58	51	53	58	57	64		56.9
	Minimum	25	32	42	49	47	40	39	34	30	30	24	20	26	45	18	9	24	24	25	40	30	37	37	23	26	26	25	27	29	33		30.5
Harrison	Maximum	57	65	69	68	60	69	68	60	52	44	41	47	62	63	60	35	39	45	40	73	63	51	52	45	58	50	45	52	61	65		55.3
	Minimum	25	30	34	45	51	51	48	35	32	30	24	24	22	43	19	15	20	25	24	26	31	30	38	25	33	31	20	22	22	29		30.1
Helena	Maximum	62	67	75	74	67	70	74	70	63	72	48	55	66	70	77	71	38	43	51	72	60	55	56	44	55	53	47	54	60	70		61.3
	Minimum	35	35	43	51	55	56	50	45	34	36	26	22	27	38	52	24	32	33	22	37	40	33	42	37	38	40	27	28	28	32		36.6
Hope	Maximum	59	62	71	77	72	62	75	70	63	59	50	55	66	70	66	52	47	52	64	74	64	68	58	54	64	58	53	55	59	67		62.2
	Minimum	34	32	36	46	58	55	47	48	34	36	29	28	25	36	33	21	30	29	23	42	41	38	38	41	44	42	30	27	23	27		35.8
Hot Springs	Maximum	66	71	72	76	70	74	72	69	66	60	48	55	60	65	67	45	46	43	53	68	69	58	55	50	59	60	51	53	57	60		60.6
	Minimum	33	34	41	51	57	56	49	45	37	40	32	30	28	41	37	24	29	31	26	36	46	40	46	38	47	43	30	27	28	36		37.9
Jonesboro	Maximum	57	67	71	75	62	67	75	61	58	54	45	51	63	67	63	57	37	38	45	69	61	59	54	44	58	53	47	51	59	69		57.9
	Minimum	33	33	40	48	51	54	51	43	38	37	32	28	25	40	34	22	27	33	28	30	39	28	44	37	42	39	27	27	27	35		35.7
Lead Hill	Maximum	60	69	69	72	62	70	70	61	56	50	45	52	65	66	60	37	42	43	43	77	62	56	50	50	62	55	53	56	64	70		58.2
	Minimum	25	28	32	39	52	53	44	37	35	30	26	19	19	28	23	17	21	23	20	23	26	25	42	21	30	29	17	16	19	21		28.0
Little Rock	Maximum	56	63	68	74	60	68	69	54	60	50	46	51	62	67	66	44	36	38	51	70	58	54	55	45	59	52	49	51	58	65		57.0
	Minimum	37	38	45	52	56	55	53	42	34	38	33	32	33	48	26	25	29	32	30	37	42	35	44	38	44	36	30	30	32	36		37.9
Lutherville	Maximum	59	66	67	70	64	67	67	67	55	50	46	50	65	64	62	45	43	46	52	75	65	51	50	53	65	59	53	55	56	67		58.5
	Minimum	29	34	45	50	54	54	52	40	31	36	28	25	29	41	28	19	28	27	28	34	43	35	41	32	45	45	26	28	28	32		35.6
Magnolia	Maximum	60	65	70	80	71	73	78	75	65	71	51	67	68	72	..	48	48	46	62	74	73	71	70	65	62	60	54	57	61	68		64.7
	Minimum	35	31	38	38	58	56	46	46	31	42	28	24	29	38	..	22	25	33	20	39	39	38	36	40	41	43	30	28	27	29		35.5
Malvern	Maximum	*60*	*66*	*68*	*73*	68	71	72	68	64	58	49	56	65	69	66	49	45	44	57	73	68	59	56	48	64	60	55	57	60	67		61.2
	Minimum	32	32	37	50	52	55	48	48	32	36	28	23	22	35	39	23	28	32	22	28	40	35	46	38	43	42	28	27	23	25		35.0
Mammoth Spring	Maximum	60	64	69	72	70	69	69	60	57	56	42	47	63	65	63	57	48	39	44	82	63	56	50	54	62	54	53	57	59	62		58.5
	Minimum	27	29	34	43	49	53	46	40	36	32	29	28	21	33	26	19	23	29	23	26	34	38	41	29	38	34	24	18	23	25		31.7
Marianna	Maximum	67	63	69	71	66	67	78	65	60	65	59	50	63	65	71	59	50	44	50	69	64	61	58	50	56	56	49	53	59	66		60.8
	Minimum	40	32	41	47	50	53	52	45	37	50	30	29	29	45	45	25	30	34	28	33	34	31	46	37	36	41	27	28	34	32		37.4
Marked Tree§§	Maximum	57	66	70	71	65	67	71	53	58	60	46	49	64	67	66	41	35	38	45	67	54	60	52	44	56	49	48	53	59	67		56.6
	Minimum	34	30	30	38	46	53	51	50	36	35	33	25	23	34	41	24	24	29	26	27	35	26	28	36	35	38	25	25	22	23		32.7
Marshall	Maximum	54	62	63	67	64	61	61	59	55	55	47	45	60	61	51	42	49	52	45	68	68	62	54	45	55	55	49	50	54	55		55.6
	Minimum	23	24	33	42	33	48	50	35	32	31	25	19	21	17	16	15	17	24	20	27	28	30	40	24	40	30	17	18	21	28		27.6
Mena	Maximum	59	65	69	65	61	66	73	66	61	45	46	53	64	66	62	45	40	48	60	72	65	56	55	50	59	54	55	55	59	64		58.6
	Minimum	30	33	43	46	56	54	53	40	38	37	29	28	30	41	26	20	28	26	30	43	45	38	44	34	41	40	27	28	27	38		36.5
Morrillton §§	Maximum	57	63	77	75	60	66	67	48	58	47	46	52	65	66	62	45	39	43	49	72	58	51	50	49	64	53	51	52	58	67		57.0
	Minimum	33	33	36	42	54	55	49	46	38	39	32	30	27	30	46	24	28	29	26	30	32	34	37	35	35	42	33	25	24	27		35.0
Mountain Home	Maximum	58	70	68	74	62	64	65	59	56	45	46	52	64	65	60	62	42	39	42	74	65	50	50	50	60	51	49	56	64	70		57.7
	Minimum	25	25	36	45	52	52	45	36	33	32	26	26	22	41	24	16	23	27	23	26	33	28	35	27	41	33	21	20	22	25		30.7
Mount Ida	Maximum	60	66	69	72	63	67	69	68	62	56	48	55	64	67	66	49	42	48	61	73	69	57	56	49	64	63	58	56	63	68		60.9
	Minimum	25	26	29	39	55	55	43	43	27	32	31	21	18	39	31	21	21	23	19	26	35	28	34	30	43	29	18	16	17	19		29.8
Newport	Maximum	57	65	70	73	66	68	69	64	58	51	45	51	63	67	61	43	38	38	49	70	64	54	53	47	58	55	47	52	59	66		57.4
	Minimum	30	30	35	49	52	54	48	44	35	33	31	29	23	41	35	21	28	33	28	28	39	26	42	36	41	40	26	24	22	27		31.4
Okay	Maximum	61	65	72	76	72	61	76	74	65	59	52	58	70	71	68	49	47	50	61	79	74	67	65	56	68	66	61	58	60	71		64.4
	Minimum	28	30	35	45	57	52	46	43	30	36	26	21	21	21	37	18	29	23	20	29	41	40	47	38	45	35	30	26	23	24		33.2
Ozark§§	Maximum	58	66	67	71	60	69	72	50	56	49	46	50	65	69	60	45	42	50	55	71	62	52	52	55	61	59	51	52	58	62		57.8
	Minimum	29	30	33	47	53	55	52	44	34	34	30	24	24	32	35	21	22	24	24	27	37	39	39	28	29	36	23	28	25	24		32.7
Pine Bluff	Maximum	62	68	75	81	73	74	78	66	65	67	52	58	68	71	72	49	39	41	58	74	67	64	56	45	56	57	52	57	65	70		62.7
	Minimum	34	33	40	49	52	57	51	49	35	39	31	28	27	41	41	25	30	34	27	37	45	35	45	38	40	42	29	28	25	33		37.3
Pocahontas	Maximum	57	66	70	73	69	71	68	72	59	57	57	61	62	67	62	43	42	38	45	67	64	54	54	49	65	66	48	53	58	65		59.4
	Minimum	31	29	38	42	53	52	45	41	35	30	28	26	22	33	35	21	25	31	25	25	35	25	42	31	40	35	24	24	21	25		32.3
Portland	Maximum	57	64	72	76	68	67	76	67	63	75	67	53	67	72	74	69	43	39	57	72	63	68	74	54	52	56	51	58	60	68		63.4
	Minimum	44	32	38	49	52	58	48	52	31	36	30	35	23	33	52	25	30	35	25	34	42	34	46	40	40	44	29	27	23	26		37.1
Prescott	Maximum	60	66	72	78	73	72	76	77	64	61	51	57	67	71	68	50	47	47	62	74	65	68	64	51	63	63	54	57	61	68		63.6
	Minimum	34	34	40	47	57	55	47	46	33	36	28	27	27	35	42	22	28	30	23	37	42	37	49	40	42	44	29	27	25	28		36.4
Rogers	Maximum	60	68	70	61	56	69	71	66	54	49	43	50	62	67	61	34	44	47	47	71	66	61	55	48	61	56	48	61	58	66		57.7
	Minimum	27	30	43	44	49	51	49	36	32	32	24	19	23	48	19	13	24	22	24	28	33	38	41	23	26	32	23	22	21	37		31.1
Searcy	Maximum	55	62	70	74	67	65	67	64	58	53	49	52	63	67	64	43	40	39	49	70	64	52	51	44	58	56	48	51	57	65		57.2
	Minimum	30	31	41	46	52	54	46	44	33	32	28	25	22	38	33	22	38	32	23	26	40	29	39	36	42	41	27	25	22	25		33.7
Stuttgart	Maximum	59	65	73	77	67	70	75	65	62	67	51	51	64	70	71	45	41	40	52	72	65	62	57	49	55	55	49	53	61	67		60.3
	Minimum	32	31	37	49	47	55	48	49	34	38	28	25	28	37	44	23	28	34	25	36	40	29	46	37	37	41	28	24	23	34		35.6
Subiaco	Maximum	56	63	69	72	64	68	75	67	56	51	42	51	66	69	65	43	43	46	56	77	63	51	51	52	60	55	51	53	59	63		58.6
	Minimum	31	34	43	49	56	53	47	43	37	37	29	31	25	33	27	20	29	26	29	31	41	37	41	30	44	38	28	27	26	28		35.0
Sunset	Maximum	57	67	62	65	59	63	65	61	52	45	40	48	57	61	62	37	44	40	50	67	63	51	51	46	62	52	55	58	56	63		55.3
	Minimum	30	40	45	52	48	50	50	32	30	28	22	26	35	42	16	12	25	25	29	38	45	39	38	26	35	30	27	32	34	41		34.1
Texarkana	Maximum	58	67	74	75	67	68	78	63	66	66	53	60	67	72	67	51	40	52	62	76	65	71	60	48	68	62	58	59	62	68		63.4
	Minimum	33	32	37	46	57	50	51	42	32	42	29	25	27	41	31	18	28	25	26	41	44	42	45	36	43	41	29	27	25	30		35.8
Warren	Maximum	56	62	69	74	72	65	74	69	61	69	63	50	61	69	72	69	45	43	55	69	62	61	62	53	53	55	49	53	56	64		61.2
	Minimum	36	33	39	63	49	55	47	48	34	36	32	29	26	39	45	23	24	33	27	40	42	37	47	37	37	43	28	26	25	30		37.0
Wilson	Maximum	54	65	70	70	64	65	73	65	56	61	45	48	61	65	63	65	35	36	43	65	50	55	68	67	64	54	48	51	58	63		58.2
	Minimum	33	30	36	47	48	51	51	45	38	30	34	25	26	45	36	25	28	32	26	32	35	38	36	35	41	30	21	21	23	32		34.3
Wynne	Maximum	54	65	70	73	63	59	70	59	56	64	41	52	58	56	54	55	37	38	36	45	67	57	63	43	49	59	52	50	44	54		54.8
	Minimum	30	29	35	50	55	43	45	41	33	37	29	26	36	34	33	22	26	34	32	30	37	41	33	34	38	40	34	22	23	29		34.4

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark.1 4-3-1020

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

ol. XXXVII Little Rock, Ark., December, 1932 No. 12

GENERAL SUMMARY

Temperatures were above normal the first six days of the onth with departures as high as 18° above normal, but the old weather which overspread the State on the 7th continued ntil the 20th with temperatures of zero or slightly lower reorted from a few stations in central and northern portions. Departures ranged from 10° to over 20° below normal during his two-week period with maximum temperatures below freezng over most of the State on the 12th, 13th, 15th, and 16th. he mean temperature for the State, based on the reports of 62 tations, was 39.9° which is 2.6° below normal, making this e coldest December since 1917. All stations for which norals have been computed showed negative departures. Monthly eans ranged from 35.2° at Dutton to 45.2° at Highland and exarkana. The highest temperature recorded was 79° at Morillton on the 2d and at Booneville on the 6th; the lowest, 5° elow zero at Marshall on the 17th. The greatest daily range as 54° at Dutton on the 1st.

December was a wet, rainy month with an average of 12 rainy ays, or 5 more than the normal. Rainfall was generally light moderate the first 7 days of the month, but excessive from e 22d to the 24th and on the 29th and 30th with numerous ations reporting over 4.00 inches the latter part of the month. est occurred over most of the State on the 9th and either sleet, ain or snow from the 10th to 16th with glaze forming over ost of the State during this period. Glaze was heaviest in uthern and eastern sections where telephone, telegraph, and ower lines were severely damaged, some towns being isolated r two or three days. An unusually large number of accidents ccurred in which many persons were seriously injured from lling on the ice-covered ground, resulting in at least two eaths. Travel everywhere was exceedingly hazardous, many chools were closed, and bus schedules were suspended in some stances in the southeastern portion of the State where condiions were the worst.

The average precipitation for the State for the 93 stations eporting was 7.86 inches which is 3.77 inches above normal, e average this year being exceeded only by that in 1892 when was 8.79 inches. Monthly totals ranged from 3.97 inches at ead Hill to 13.57 inches at Jessieville with stations in the orthwestern portion of the State receiving the least amount of ainfall, while precipitation was heaviest in the Boston Mounains and in the southeastern portion. All stations except two eported a measureable amount of snow the average of which as 3.7 inches. Snowfall was heaviest in the Boston Mounains and in central sections with Mount Ida reporting a monthy total of 11.5 inches. El Dorado in a southern border county eported 3.0 inches of sleet. The greatest 24-hour amount of ainfall was 6.53 inches at Bentonville on the 22d-23d.

T.A.M.

Losses from Windstorms, Glaze, Tornado, etc.

Heavy hail:--Salem, 6th, $1,000 damage to roofs of buildings; Thornburg, 7th, no report on damage.

Windstorms:--Night of 23d-24th, Clarksville, $1,000 damage to houses and barns; Hampton, $5,000 damage to buildings; Heber Springs, houses, barns, and garages damaged, loss $5,000.

Glaze:--$170,000 damage to Telephone and Telegraph lines from the 10th to the 16th in eastern and southern sections. Several thousand dollars damage to fruit trees, shrubbery, and buildings.

Tornado:--From Plum Bayou to England, 24th, 12:30 a.m., from sw, a narrow path 11 miles long, 12 injured, property loss $40,000.

Flood Loss:--On Arkansas River near Fort Smith $2,825; on Ouachita River near Arkadelphia $8,000.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fogs	..	..	1	..	..	..	..	..	..	1	1	1	1	..	..	..	..	5	4	4	19	26	7	1	..	1	..	4	1	..	..
Glaze	..	..	..	..	..	..	..	..	46	26	23	24	22	12	19	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sleet	..	..	..	..	..	..	..	..	78	27	16	20	15	11	21	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Heavy Hail	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorms	..	..	..	..	..	10	12	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	12	6	..	..	..	..	9	10	..

MISCELLANEOUS DATA

Stations	Pressure, Sea-level					Wind				Relative humidity		Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Total movement miles	Maximum velocity	Direction	Date	7 a. m.	7 p. m.	
Bentonville	30.11	30.57	31	29.37	24	5,453	22	s	6	......	......	56
Fort Smith	30.14	30.64	31	29.48	24	5,610	31	sw	24	79	68	46
Little Rock	30.18	30.61	31	29.60	24	7,145	32	sw	24	81	70	38
Memphis	30.19	30.63	31	29.54	30	6,339	25	n	31	83	81	37

COMPARATIVE DATA FOR DECEMBER

Year	Temperature						Precipitation		Number of days			
	Monthly average	Departure	Highest	Date	Lowest	Date	Average	Departure	Clear	Partly cloudy	Cloudy	Precipi. .01 or more
Means-Extremes	**42.5**		**88**		**-21**		**4.09**		**12**	**6**	**13**	**7**
1891	46.9	+4.4	72	5	13	26	4.69	+0.60	14	7	10	7
1892	40.9	−1.6	83	3	−10	26	8.79	+4.70	7	6	18	10
1893	45.4	+2.9	79	25	3	4	1.83	−2.26	14	8	9	5
1894	44.6	+2.1	82	8	−11	27	3.48	−0.61	14	6	11	6
1895	43.8	+1.3	78	18	5	3	3.96	−0.13	13	6	12	7
1896	45.8	+3.3	81	10	8	1	0.84	−3.25	8	7	16	8
1897	40.3	−2.2	81	9	10	4	6.00	+1.91	10	5	16	8
1898	39.5	−3.0	76	29	− 4	14	1.87	−2.22	16	6	9	5
1899	41.0	−1.5	74	1	8	15	4.08	−0.01	15	7	9	7
1900	44.9	+2.4	82	17	10	31	2.76	−1.33	16	6	9	5
1901	38.5	−4.0	87	24	− 6	15	4.42	+0.33	12	6	13	6
1902	40.8	−1.7	75	3	5	26	5.71	+1.62	10	6	15	8
1903	39.7	−2.8	74	22	6	26	3.44	−0.65	18	5	8	6
1904	42.9	+0.4	80	2	3	29	5.10	+1.01	12	7	12	7
1905	38.5	−4.0	69	8	7	4	4.96	+0.87	14	5	12	9
1906	46.5	+4.0	83	3	10	23	5.64	+1.55	8	7	16	8
1907	44.4	+1.9	85	28	11	11	2.70	−1.39	12	6	13	7
1908	46.0	+3.5	82	15	11	2	1.50	−2.59	13	7	11	5
1909	35.3	−7.2	82	4	1	9	5.26	+1.17	14	6	11	9
1910	40.8	−1.7	75	28	9	7	3.57	−0.52	13	6	12	6
1911	43.0	+0.5	78	10	3	31	7.00	+2.91	10	7	14	12
1912	41.7	−0.8	76	19	8	9	2.63	−1.46	14	7	10	7
1913	43.6	+1.1	77	1	14	26	3.26	−0.83	7	7	17	9
1914	36.1	−6.4	70	2	−11	15	6.26	+2.17	8	4	19	12
1915	43.9	+1.4	78	21	11	16	4.73	+0.64	12	4	15	7
1916	42.1	−0.4	82	4	−16	15	3.35	−0.74	14	6	11	6
1917	34.8	−7.7	81	3	−21	9	1.29	−2.80	13	6	12	3
1918	47.6	+5.1	88	10	9	26	5.62	+1.53	14	5	12	7
1919	40.4	−2.1	78	31	1	10	1.94	−2.15	13	4	14	5
1920	43.2	+0.7	74	31	6	28	5.95	+1.86	13	5	13	8
1921	47.1	+4.6	82	13	11	25	2.78	−1.31	13	6	12	6
1922	47.8	+5.3	86	5	12	18	4.59	+0.50	12	5	14	9
1923	49.1	+6.6	80	8	9	31	6.24	+2.15	9	5	17	13
1924	41.4	−1.1	86	14	− 8	25	3.65	−0.44	14	5	12	6
1925	40.2	−2.3	81	8	− 6	28	1.71	−2.38	15	5	11	3
1926	43.3	+0.8	79	4	− 3	26	7.15	+3.06	11	4	16	10
1927	40.9	−1.6	84	13	− 2	31	4.18	+0.09	14	5	12	6
1928	43.4	+0.9	87	28	10	20	4.41	+0.32	18	5	8	6
1929	44.4	+1.9	82	12	− 5	20	3.84	−0.25	13	5	13	8
1930	40.6	−1.9		11	9	22†	2.58	−1.51	15	5	11	6
1931	48.7	+6.2		23	17	15	7.79	+3.70	9	5	17	14
1932	39.9	−2.6	79	2†	− 5	17	7.86	+3.77	11	4	16	12

Daily River Stages for December, 1932

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	3.6	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8	18.9	21.2	22.6	18.9	14.7	10.9	9.8
zark	do	22	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	-1.1	-1.2	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	1.4	13.0	15.3	17.2	15.9	12.3	9.0	7.3
rdanelle	do	22	2.6	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.3	2.3	4.0	11.3	16.2	18.4	18.7	16.0	13.7	12.9
orrillton	do	20	-2.5	-2.6	-2.6	-2.7	-2.7	-2.7	-2.7	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.9	-2.9	-3.0	-2.2	-3.7	12.8	15.8	17.0	15.0	12.5	12.5
ittle Rock	do	23	-2.0	-2.0	-2.0	-2.0	-2.0	2.1	-2.0	-2.0	-1.9	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-2.1	-2.1	-2.1	-0.6	10.6	15.6	17.2	16.5	14.5	14.4
ine Bluff	do	25	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.5	2.8	4.4	16.0	18.8	19.8	18.8	17.9
[illegible]	do	29	4.1	4.2	4.3	4.4	4.5	4.4	4.1	3.9	3.8	4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.0	4.1	4.3	5.0	5.2	5.3	5.7	6.1	6.4	10.6	22.7	25.3	25.6	25.1
[illegible]	Petit Jean	20	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.9	0.9	1.0	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.2	9.7	18.5	17.0	10.0	5.7	4.6	14.9	22.5

Climatological Data for December 1932

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	37	38.6	−4.4	74	6	2	18	44	7.05	+3.00	2.87	8.5	13	5	6	20	n.	J. W. Campbell
Arkadelphia	Clark	250	36	...	...	...	...	...	...	...	6.30	+1.42	1.85	2.5	18	9	6	16	n.	W. K. Bown
Arkansas City	Desha	145	48	...	...	...	...	...	...	...	12.23	+7.23	3.56	2.0	17	8	4	19	...	Herbert Neff
Arlberg	Stone	700	10	...	...	...	...	...	...	...	6.38	...	4.33	1.9	9	9	4	18	ne.	J. D. Reeves
Batesville	Independence	277	33	36.6	−3.6	71	6	4	18	44	8.52	+4.83	2.28	2.0	10	11	1	19	s.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	40	39.4	−2.6	71	6	7	17†	39	7.52	+3.61	4.02	2.0	9	13	3	15	s.	J. E. Scanlan
Bentonville	Benton	1303	27	36.0	−2.0	71	6	6	12	37	7.65	+5.28	6.53	5.2	8	9	4	18	s.	U. S. Weather Burea
Big Lake Outlet. ‡‡	Mississippi	...	2	...	...	...	...	...	...	...	7.10	...	2.75	T.	4	12	0	19	...	Harry Johnson
Black Rock	Lawrence	259	30	...	...	...	...	...	...	...	8.41	+4.69	3.25	1.5	11	12	1	18	n	Vernon C. Howe
Blytheville	Mississippi	252	7	39.0	...	70	6	9	16	31	7.05	...	2.46	1.2	13	8	3	20	s.	Charles Phillips Jr.
Booneville	Logan	465	18	41.2	−2.6	79	6	11	17†	45	5.30	+3.13	2.11	0.7	8	11	7	13	e.	F. H. Randolph
Brinkley	Monroe	205	45	40.3	−3.3	73	2	0	18	40	7.65	+2.79	2.00	2.5	13	13	2	16	ne.	R. J. Torry
Calico Rock	Izard	361	28	36.4	−2.7	76	6	10	18	48	6.97	+3.75	2.45	1.8	10	8	14	9	nw.	W. J. Copp
Camden	Ouachita	158	47	40.2	−4.8	75	6	9	18	47	9.55	+1.87	2.37	3.0	18	7	3	21	ne.	Georgia Quarterman
Carthage	Dallas	...	26	41.1	...	74	6†	9	17	43	*7.80*	+2.73	...	*2.0*	..	13	1	17	...	H. K Bell
Center Point	Howard	470	33	43.0	−1.9	77	6	16	16	39	9.38	+5.00	4.33	6.0	13	12	4	15	e.	John C. Floyd
Clarendon	Monroe	172	28	...	...	...	...	...	...	...	7.42	+2.42	1.80	4.5	13	8	2	21	n.	J. W. Bishop
Clinton	Van Buren	516	11	...	...	...	...	...	...	...	9.29	+4.99	4.25	1.0	8	11	5	15	n.	A. L. Stephens
Conway	Faulkner	309	49	40.4	−2.1	75	6	6	18	40	9.25	+5.19	4.58	2.5	15	13	3	15	e.	E. E. Cordrey
Corning	Clay	293	39	38.0	−1.8	71	6	9	16†	43	7.95	+4.31	1.60	1.0	9	15	1	15	n.	Winfred D. Polk
Cotter	Baxter	408	5	...	...	...	...	...	...	...	5.41	...	1.95	5.0	8	13	2	16	nw.	O. B. McSpadden
Crosset	Ashley	175	20	40.9^{a}	...	72^{a}	6	12^{a}	18	39^{b}	11.21	+6.99	2.90	3.3	14	6	6	19	ne.	G. A. Gifford
Danville	Yell	327	16	...	...	...	...	...	...	...	8.02	+4.72	4.00	6.3	8	13	0	18	n.	C. G. Hudson
Dardanelle	Yell	330	46	40.2	−2.6	77	6	4	17	40	8.19	+4.90	3.39	4.0	10	7	10	14	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	5	...	...	...	...	...	...	...	7.00	...	2.05	5.2	11	10	1	20	...	H. G. Pate
Dumas	Desha	162	26	42.4	−4.2	75	6	10	18	34	10.69	+5.06	1.78	3.0	16	7	4	20	n.	Ben Johnson
Dutton	Madison	1590	29	35.4	−1.8	70	6	3	17	54	7.11	+3.43	2.09	4.9	14	11	6	14	nw.	J. M. Ricketts
El Dorado	Union	270	31	44.0	−2.4	78	6	16	17†	35	9.99	+4.38	1.65	0.0	19	7	5	19	se.	J. J. Babb
England	Lonoke	229	25	40.0^{b}	−4.0	73^{b}	5	-1^{b}	18	38^{b}	8.83	+4.07	4.30	6.0	15	11^{b}	1^{b}	17^{b}	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	32	37.6	−2.0	72	6	6	12†	35	7.58	+4.75	3.66	3.0	10	11	7	13	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	45	38.0	−1.6	72	6	8	12†	35	6.77	+3.97	2.96	3.4	9	12	9	10	sw.	University of Arkans
Fort Smith	Sebastian	457	55	40.0	−2.1	77	6	14	12	39	5.08	+2.32	3.16	0.5	12	9	11	11	e.	U. S. Weather Bure
Freeman Springs‡‡	Pope	2240	8	...	...	...	...	...	...	...	5.98	...	2.58	3.2	8	8	6	17	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	46	...	...	...	...	...	...	...	7.11	+3.46	2.00	3.7	12	9	1	21	...	T. J. Logan
Georgetown	White	200	20	...	...	...	...	...	...	...	7.63	+3.39	3.30	3.5	12	9	2	20	...	W. R. Owens
Gilbert	Searcy	675	8	...	...	...	...	...	...	...	5.76	...	2.23	6.0	8	18	3	10	...	S. G. Battenfield
Grannis	Polk	900	13	39.4	−5.4	75	6	11	19	44	9.90	+5.70	4.35	10.5	13	13	3	15	n.	W. E. McVay
Gravette	Benton	1250	35	36.6	−1.3	71	6	0	17	32	6.53	+4.19	3.10	3.5	6	12	7	12	se	A. F Stevens
Harrison	Boone	1052	32	35.3	−2.5	72	6	2	17†	41	4.36	+1.75	1.40	4.5	8	17	3	11	nw.	Louis R. Keck
Helena	Phillips	250	60	40.8	−3.7	71	2	10	17†	33	7.51	+2.55	1.84	1.5	17	10	0	21	ne.	James A. Burnett
Higden	Cleburne	445	13	...	...	...	...	...	...	...	7.70	+3.85	3.86	1.2	12	8	4	19	s.	Geo. W. Baker
Highland	Pike	...	12	45.2	...	77	6	12	18	43	8.58	+5.26	4.21	6.0	12	8	6	17	e	J. O. Cooley
Hope	Hempstead	377	61	43.2^{a}	−3.8	76^{a}	6	8^{a}	18	42^{a}	6.02	+1.61	1.99	5.0	10	11^{a}	5^{a}	14^{a}	ne.	N. P. O'Neal
Hot Springs	Garland	600	41	41.8	−2.2	72	6†	11	18	37	9.28	+4.89	3.00	7.5	14	14	1	16	...	G. C. Bolton
Index. ‡‡	Little River	275	7	...	...	...	...	...	...	...	5.99	...	3.25	3.0	13	10	2	19	...	H. G. Sanderson
Jessieville	Garland	750	6	...	...	...	...	...	...	...	13.57	...	4.25	6.5	12	9	5	17	...	U. S. Forest Service
Jonesboro	Craighead	345	37	39.4	−1.9	72	6	8	18	33	8.05	+3.58	2.34	3.0	8	13	7	11	s.	Benedictine Sisters
Lead Hill	Boone	650	26	36.6	−3.2	76	6	1	18	15	3.97	+0.84	1.44	2.2	11	18	3	10	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	40.2	−4.0	72	6	12	18	28	6.40	+2.26	3.11	5.9	16	10	3	18	n.	U. S. Weather Bur
Lurton	Newton	2100	7	...	...	...	...	...	...	...	...	...	...	..	.	..	..	..	...	I. C. Sutton
Lutherville ‡‡	Johnson	775	33	39.2	−2.0	75	6	9	17	40	7.44	+3.54	3.08	2.7	10	11	3	17	ne.	H. G. Lennardt
Madison	St. Francis	...	2	...	...	...	...	...	...	...	7.77	...	1.68	5.0	9	10	0	21	...	J. W. Eppes
Magnolia	Columbia	315	16	45.0	−3.4	75	5†	14	18	40	9.44	+4.63	3.20	3.0	8	9	8	14	n.	State Agri. School
Malvern	Hot Springs	277	45	41.6	−1.8	75	6	9	18	42	7.15	+2.35	2.15	5.0	14	13	4	14	ne.	Mrs. W. L. Matthe
Mammoth Spring	Fulton	600	27	37.0	−2.2	72	6	4	18	42	4.95	+1.67	1.58	2.0	7	11	9	11	se.	S. F. Whittaker
Marianna	Lee	235	20	42.8	−0.4	71	2	5	18	30	7.55	+3.30	3.30	3.0	17	8	3	20	ne.	C. N. Houck
Marked Tree	Poinsett	229	27	37.0	−4.2	75	5	6	18	42	7.31	+2.89	2.16	0.7	12	9	5	17	n.	Charles Walton
Marshall	Searcy	1070	18	35.4	−6.9	68	6†	−5	17	42	7.98	+4.27	2.86	5.0	10	8	4	19	n.	A. J. Parks
Mena	Polk	1185	44	39.4	−3.2	75	6	10	17	40	8.90	+5.05	2.84	8.5	14	12	3	16	n.	E. W. St. John
Morrillton	Conway	347	9	38.9	...	79	2	9	18	47	7.23	...	3.25	1.0	9	10	6	15	ne.	John Cook
Mountain Home	Baxter	800	18	37.5	−2.9	75	6	0	17	46	6.57	+3.00	2.50	6.0	10	12	4	15	sw.	R. S. Halbert
Mount Ida	Montgomery	650	33	38.8	−4.0	75	6	2	17	43	10.23	+6.26	4.87	11.5	15	10	6	15	ne.	G. A. Whittington
Newport	Jackson	231	48	39.2	−3.0	71	6	6	18	34	8.31	+4.45	2.70	1.5	11	12	5	14	s.	J. D. Henderson
Norman	Montgomery	750	5	...	...	...	...	...	...	...	10.99	...	5.24	10.0	11	12	1	18	...	U. S. Forest Service
Oden	Montgomery	800	6	...	...	...	...	...	...	...	9.10	...	3.50	10.0	9	11	2	18	n.	U. S. Forest Service
Okay	Howard	288	3	43.2	...	77	6	6	18	47	8.11	...	4.26	1.8	14	13	3	15	ne.	Charles R. Jackson
Osceola	Mississippi	240	34	40.6	−2.3	70	6	11	16†	33	6.65	+2.33	1.90	1.2	9	12	2	17	n.	Charles H. Hampto
Ozark	Franklin	396	37	38.4	−2.8	74	2	15	17	45	4.68	+1.19	2.26	0.5	11	15	1	15	e.	Orkney O. Milton
Paragould	Greene	301	9	...	...	...	...	...	...	...	8.80	...	2.89	1.5	9	11	5	15	n.	W. R. Heagler
Parkin	Cross	...	2	...	...	...	...	...	...	...	7.37	...	2.10	2.8	11	8	1	22	...	P. D Roberts
Patterson	Woodruff	196	16	...	...	...	...	...	...	...	9.19	+5.05	4.00	3.0	8	8	5	18	n.	W. E. Baker.
Piggott	Clay	307	7	...	...	...	...	...	...	...	8.19	...	4.85	2.0	12	12	4	15	sw.	V. C. Wright
Pine Bluff	Jefferson	215	45	42.3	−2.6	74	2	8	18	38	9.26	+4.19	2.02	4.1	13	9	7	15	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	39	37.6	−2.5	72	6	2	18	38	8.27	+4.57	4.80	3.5	10	13	2	16	n.	Benedictine Sisters
Portland	Ashley	122	26	43.9	−3.6	72	2†	14	17	41	12.03	+6.44	3.65	2.0	14	7	3	21	n.	W. E Edmiston
Prescott	Nevada	329	44	42.9	−2.7	77	6	9	18	42	6.55	+2.19	1.86	4.0	12	11	2	18	ne.	Craig Williams
Rison	Cleveland	243	31	44.4	−1.7	75	6	14	16	31	8.30	+4.22	2.00	2.0	8	10	1	20	n.	Mrs. M. V Tisdale
Rogers	Benton	1385	41	37.8	−1.0	73	6	6	17†	36	4.90	+2.48	2.15	4.8	9	13	9	9	n.	Carl A. Starck
Saint Charles	Arkansas	175	3	...	...	...	...	...	...	...	...	...	...	...	..	.	.	..	...	
Saint Francis	Clay	290	4	...	...	...	...	...	...	...	7.95	...	2.60	1.2	9	10	5	16	...	S. T. Rooney
Searcy	White	236	22	38.5	−4.3	72	6	0	19	43	7.23	+3.12	2.50	2.0	11	12	2	17	ne.	Arthur D. Smith
Springbank ‡‡	Miller	240	25	...	...	...	...	...	...	...	7.84	+2.86	2.30	3.0	14	11	1	19	...	Miss Grace Field
Story	Montgomery	700	8	...	...	...	...	...	...	...	10.41	...	4.12	9.0	13	9	4	18	ne.	S. C. Story
Stuttgart	Arkansas	228	45	40.9	−2.9	74	6	1	18	36	8.22	+3.45	2.14	3.0	14	11	5	15	n.	Adam F. Buerkle
Subiaco	Logan	1050	35	40.1	−2.5	77	6	10	18	37	6.56	+3.45	2.65	2.0	10	11	9	11	ne.	New Subiaco Abbe
Sunset	Washington	...	1	36.6	...	67	6	5	12	38	5.78	...	2.53	1.3	10	14	6	11	sw.	Walter James
Texarkana	Miller	332	46	45.2	−1.6	77	6†	12	18	36	8.72	+4.97	4.22	3.0	14	10	1	20	n.	H. S. Brashear
Thornburg	Perry	650	11	38.6	...	72	6	−1	18	46	9.80	+6.01	4.45	3.8	14	12	4	15	s.	Edward E. Holmes
Waldron	Scott	675	13	...	...	...	...	...	...	...	5.70	+2.16	2.00	6.6	9	11	3	17	sw.	Dr. Cheves Bevill
Warren	Bradley	206	38	42.6	−2.2	71	6	10	18	37	10.07	+4.85	1.50	1.0	17	9	8	14	ne.	Miss Evelyn Hoyle
Waters	Montgomery	800	8	...	...	...	...	...	...	...	8.45	...	...	10.0	9	13	0	18	nw.	J. R. Huddleston
Whitecliffs	Little River	290	28	...	...	...	...	...	...	...	7.88	+3.77	4.90	4.8	11	9	4	18	se.	Charles Huff
Wilson	Mississippi	237	7	39.4	...	70	6	8	18	33	6.64	...	1.65	1.1	12	11	2	18	s.	D. O. Anderson
Wynne	Cross	250	24	38.8	−3.6	70	2†	4	18	35	7.03	+2.28	1.98	5.0	10	4	9	18	n.	R. T. Cobbs
Yancopin	Desha	167	8	...	...	...	...	...	...	...	10.55	...	2.65	2.1	18	7	2	22	...	W. E. Barton
State Means				39.9	−2.6	79	2†	−5	17	54	7.86	+3.77	6.53	3.7	12	11	4	16	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in me
and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Sprin
Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated.
***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for December, 1932

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita				.07		.07	.09			.35	.40			.30		*	.47					.11	.15	.80						2.87	1.37	7.05
Arkadelphia	Ouachita				.17		.05	.19	.02		.34	.09	.04	.04	.23	.05	.67	.13				.02	.01	.23	1.23						1.85	.94	6.30
Arkansas City	Mississippi				.05			.59			3.56	.12	.38	.20	.50	.20	1.26	.30				.20	.85	T.	1.83			.20	.07		.89	1.03	12.23
Arlberg	White			.15			.12			*	.53						*	.12						1.10							4.33	.03	6.38
Batesville	White				.64			.58			.64		.02		T.			.36				.24		.08	1.86						2.28	1.82	8.52
Bee Branch	Arkansas			.22				.36		*.54*		T.			.10		*.25*						.28	1.00	.75					T.	4.02		7.52
Bentonville ***	Arkansas			.04		T.				*.34*					.28		T.				T.	.03	.24	6.17	.12						.43		7.65
Big Lake Outlet	St. Francis				T.						1.10		T.	T.	T.			T.				T	T.		1.25						2.75	2.00	7.10
Black Rock	White				.21		T	.44			.61		.10	T			T.	.08				.02	.03	.11	2.03						3.25	1.53	8.41
Blytheville	St. Francis				.06		T.	.14			.95		.11	.05	.06			.09	T.			.06	.05	.06	1.15						2.46	1.81	7.05
Booneville	Arkansas			.01						.66		.10	T.		T.	T	.07						T.	.83	1.50						2.11	.02	5.30
Brinkley	White				.01			.08			1.23		.09		.26		.21	.29				.07	.05	.06	2.00						1.80	1.50	7.65
Calico Rock	White				.12			.24			.35		.40		.05			.12					T.	.15	2.45						1.66	1.43	6.97
Camden	Ouachita				.01			.04		.01	.75	.17	.14	.18	.16	.11	1.28	.30				.58	.20	.15	1.61			.04			2.37	1.45	9.55
Carthage	Ouachita																																*7.80*
Center Point	Red			T.				.16		.30	.20	.14			.17	.40	1.20						.20	.75	.70					.80	4.33	.03	9.38
Clarendon	White				T.			T.			1.00	.01	.06	.15	.18		.55	.20				.14	.06	.07	1.80						1.42	1.78	7.42
Clinton	White			.30				.31		.57		.12					.03					T.	.23	3.48							4.25		9.29
Conway	Arkansas			.03				1.20		.45	.35	.21	.21		.10		.15					.03	.04	.44	1.34					.07	4.58	.05	9.25
Corning	White				.20			.66			*.26*				*.06*			.12						.20	1.70						4.60	.15	7.95
Cotter	White						T.	T			.45		.22		.20			.11				T.	T	.05	1.95						1.43	1.00	5.41
Crossett	Ouachita							.55		T.	2.90		.29		.45	.52		1.06	.22			.75	.26	.21	1.63			.25			1.16	.96	11.21
Danville	Arkansas							.20			.85				.06		.04	.02							2.35						4.00	.50	8.02
Dardanelle	Arkansas				.10			.08			.72	.11			T.			.34					.05	.08	2.40						3.39	.92	8.19
De Valls Bluff	White										.78		.10	.10	.29		.29	.23					.10	.12	1.70						2.05	1.24	7.00
Dumas	Mississippi				.05		T	.19			1.40	.30		.65	.50	.10	1.50	.05				.40	.60	1.78	.10			.10			1.45	1.52	10.69
Dutton	White			.20						.25	.15	.41		.11	.86		.16	.10				.10	.11	1.62	2.09						.89	.06	7.11
El Dorado	Ouachita						.10	.93		.01	1.25	.06	.18	.20	.35	.03	1.05	.10		.01		1.15	.30	.15	1.65			.08			1.12	1.27	9.99
England	Arkansas		T.				.03			.31	.37	.10	.10	.04	.25		.51					.09	.04	.58	1.50					.55	4.30	.06	8.83
Eureka Springs	White			.08		.03				.38	.13				.30							.03	.38	1.88	3.66						.71		7.58
Fayetteville	White			.03						.07	.30	.03			.18	T.	T.					T.	.15	2.40	2.96						.65		6.77
Fort Smith ***	Arkansas			.01						.48	.02	.17	T.	.02	.04	T.	.06					T.	.18	3.05	.29					.24	.49		5.08
Freeman Sprgs.	Arkansas			.21			T.			.40								.30				.03	T.	.23	2.58	T.					1.85	.38	5.98
Fulton	Red				T.			.09		T	.50	.13		T.	.20	.10	1.12	.17					.03	.12	1.60						2.00	1.05	7.11
Georgetown	White				.04			.04			.76		.03	.15	.08			.22					.04	.08	1.44						3.30	1.45	7.63
Gilbert	White										.10	.21			.08			.20						.11	2.23						1.87	.96	5.76
Grannis	Red			.26		T.	T.			.30	.48	T.	T.		.31	.58	.81				T.	.06	.14	1.45	1.07					.03	4.35	.06	9.90
Gravette	Arkansas					T.		T.		.26	.15				.26							T		3.10	2.40						.36		6.53
Harrison	White			.05						.50					.25		.10						.06	.87	1.13						1.40		4.36
Helena	Mississippi				.07			.08			.68		.30	.38	.40	.05	.35	.28				.10	.56	.04	1.15			.02	.01		1.20	1.84	7.51
Higden	White			.27				.05		.05	.31	.16						.12				.04	.01	.50	2.20						3.86	.13	7.70
Highland	Ouachita							.05		.37	.45	.18			.18	.24	.94						.21	.67	.91					.17	4.21		8.58
Hope	Red			T.				.06		*		*			*	*	1.79								1.87					.26	1.99	.05	6.02
Hot Springs	Ouachita			.11						T.	*	*	*	*	*	*	*	3.42						.60	1.25					.10	3.00	.80	9.28
Index	Red				.01			.12			.22		.05		.13	.28	.55	.05					.05	.10	.78						3.25	.40	5.99
Jessieville	Ouachita				.35			1.32			2.40	T.	.40	.60	.15	.70	.60	.05				T.	T.	T.	1.45						4.25	1.30	13.57
Jonesboro	White				.21		T.	.28			1.10			T.	T.	T.		.19				T.	T.	.10	1.50						2.34	2.33	8.05
Lead Hill	White			.08				.02		.02	.21	T.			.28		.02						.01	.61	1.23						1.44	.05	3.97
Little Rock ***	Arkansas			.03			.34			.59	T.	.06	.16	.01	.20	.43	.36				.01	.01	.02	.76	.25					.24	2.93		6.40
Larton	White																																
Lutherville	Arkansas			.30				.12		.54	.13	.17		T.			.29						.05	1.22	1.54						3.08		7.44
Madison	St. Francis						T.	.26			1.35	T.		T	.15		T.	.72				T.	.39	.05	1.68						1.62	1.55	7.77
Magnolia	Red										1.60			.40			1.50					.70		.23					1.40	.41	3.20		9.44
Malvern	Ouachita				.07		.06	.02			.52	.10		.06	.25		.90	.25					.02	.35	1.10						2.15	1.30	7.15
Mammoth Spg.	White				T.			.47			.53		T		.42			.05							1.58						.80	1.10	4.95
Marianna	St. Francis			.02				.30		.07	*	*	1.60	.12		*	.55					.20	.11	.05	1.10			.08			3.30	.05	7.55
Marked Tree	St. Francis				.09			.26			1.23		.16		.20			.04				.09	.07	.05	1.36						2.16	1.60	7.31
Marshall	White			.04				T.		.16	.30	.21		T.	T.		.40	.10					.08	2.00	1.83						2.86		7.98
Mena	Ouachita			.04	.33						.83	.02			.19	.04	1.00	.09				.01	.04	.32	2.84						2.60	.55	8.90
Morrilton	Arkansas				.09			.09			.84	T.		T.	T.		T.	.05					.03	.07	1.75						3.25	1.06	7.23
Mountain Home	White							.60		.40		.12			.18		.22				.10		.10	1.40	.95						2.50		6.57
Mount Ida	Ouachita			.06				.31		.34	.42	.28	.12	.14	.16	.26	.78					.03	.14	1.49	.88						4.87		10.28
Newport	White				.22			.23			.75				.02			.14				.04	.02	.08	1.81						2.70	2.80	8.31
Norman	Ouachita			*	.10		T.	.07			.80	T.		.50		T.	.70	.30					.12	.29	2.48						5.34	.29	10.99
Oden	Ouachita				.11			.01			.86	*	.22			T.	1.06							.31	2.56						3.50	.47	9.10
Okay	Red							.40		.42	.36	.11	.05		.20	.80	.08					.02	.06	.31	.89					.15	4.26	T	8.11
Osceola	Mississippi							.25			1.30		.06		T.			.22				.05	.04		1.25						1.90	1.58	6.65
Ozark	Arkansas				.10		T.				.50	.11	.03	T.	.02			.06					T.	.35	2.26	.02					.93	.30	4.68
Paragould	St. Francis				.18			.20			.38							.08			.71			.04	1.94						2.89	2.38	8.80
Parkin	St. Francis				.05			.41			1.28	T.			.07			.22				.16	.08	.05	1.55						2.10	1.40	7.37
Patterson	White				.29			.12			.30						.90							.50	1.48						4.00	1.60	9.19
Piggott	St. Francis			.05				.28		.05	.78	.03						.12				.05	.11	1.70	.05						4.85	.12	8.19
Pine Bluff	Arkansas				T.			.22		T.	1.18		.07	.04	.06		1.32	.31				.07	.11	.10	1.78						2.02	1.98	9.26
Pocahontas	White			.30			.25			.26				.06				.07				.06	.07	1.40	1.00						4.80		8.27
Portland	Ouachita				.04			.55			3.65	.10	.21	.27	.75		1.10	.02				2.04			1.25			.22			.73	1.10	12.03
Prescott	Ouachita				.06			.14			.68		.04		.02	.18	.89	.10						.10	1.23						1.86	1.25	6.55
Rison	Ouachita							.21			*1.07*			*.10*		*1.32*	*.20*								*2.00*						1.45	1.95	8.30
Rogers	White			.02		.02				*.22*	*.18*				.25								.18	1.29	2.15						.59		4.90
St. Charles	White																																
St. Francis	St. Francis				.09			.22			.42							.39				.03	T.	.07	1.63	T.					2.50	2.60	7.95
Searcy	White				.08			.21					.08	.06	.20			.15				.03		.05	1.88						2.50	1.99	7.23
Springbank	Red			T.			T.	.41		.04	.75	.25	.20	T	.54	.50	.70	T.				.20	.08	.02	.95			T.			2.30	.90	7.84
Story	Ouachita				.24			.44			.44		*	*	.80	*	.97						.25	.23	2.22						4.12	.70	10.41
Stuttgart	Arkansas				.04			.03			1.10		*	*	*		*	1.10					.26	.05	1.97						1.53	2.14	8.22
Subiaco	Arkansas						.05			.54	.08	.07		T.	T.	T.	.25						T.	1.20	1.58					.07	2.65	.07	6.56
Sunset	Arkansas			.30						T.	.54	.15			.19		.01						.30	1.06	2.53						.66	.04	5.78
Texarkana	Red			.10				.42			.55	.10	.05	.05	.10	1.02	.60						.32	.15	.94					.10	4.22		8.72
Thornburg	Arkansas			.05			T	1.45		*	*.84*	*	*	T.		*	*	.72			T.			1.14	.97					.11	4.45	.07	9.80
Waldron	Arkansas			.10			T.				.06		T.	T.	.06		.66					T.	.32	1.13	1.05					T.	2.00	.32	5.70
Warren	Ouachita				T.		T.	.80		.10	1.50	.10	.20	.15	.50	.15	1.07	.10				.70	.30	.15	1.40			.10			1.25	1.50	10.07
Waters	Ouachita				.11						.82					*	*	1.05						.48	2.10						*	3.89	8.45
Whitecliffs	Red							.20		T.	.82	.08	T.	T.	.32	.18	.27	.06					T.	.17	.80						4.90	.08	7.88
Wilson	Mississippi							.48			*1.30*		*	*	*		*	.40				.30			1.20	.01					1.65	1.30	6.64
Wynne	St. Francis							T.		.75	*.42*			.20			*	.30					.22	.21	1.43						*1.52*	1.98	7.03
Yancopin	Arkansas				.01			.35		.07	2.65	.05	.27	.43	.19		1.66	.16				.22	.26	.08	1.37			.09	.02		1.11	1.56	10.55

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.6	2.6	2.6	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.1	8.1	17.8	18.4	15.4	10.6	7.8	8.2
Calico Rock	do	18	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.4	-0.2	0.0	-0.1	-0.1	-0.2	-0.3	-0.5	-0.3	-0.4	0.0	-0.2	-0.1	-0.2	-0.1	-0.2	1.7	11.7	17.2	15.4	13.0	7.7	6.5	13.1
Batesville	do	23	4.3	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.2	4.4	4.6	4.6	4.6	4.5	4.3	4.2	4.2	4.2	4.2	4.4	4.4	4.4	4.5	8.1	11.7	22.1	24.4	21.6	17.2	14.9	22.3
Newport	do	26	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	1.0	7.1	15.3	20.5	22.2	22.4	20.9	23.0
Georgetown	do	22	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.4	2.3	12.2	17.0	17.4	17.7	18.3	20.0
De Valls Bluff	do	24	4.2	4.1	4.0	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.7	3.8	4.0	4.4	8.0	14.6	17.2	18.3	19.3	20.4
Clarendon	do	30	7.5	7.4	7.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.2	7.2	7.2	7.1	7.0	7.0	6.9	6.9	7.3	7.7	8.7	13.7	17.1	18.7	20.0	21.3
Gilbert	Buffalo	30	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	9.6	7.0	5.6	5.3	5.0	4.9	5.0	10.8
Black Rock	Black	14	1.4	1.3	1.4	1.4	1.5	1.4	1.4	1.6	1.5	1.5	1.5	1.4	1.4	1.5	1.6	1.5	1.5	1.4	1.4	1.5	1.5	1.6	1.7	7.7	15.5	13.7	12.0	11.4	10.3	13.2	21.0
Arkadelphia	Ouachita	12	-1.2	-1.2	-1.2	-1.2	-1.2	-1.0	-1.0	-1.2	-1.2	-1.2	-1.0	-1.2	-1.2	-0.8	-0.6	-0.8	-0.4	-0.4	1.6	-0.4	-0.6	1.4	1.6	2.6	5.0	3.2	3.2	5.0	3.4	3.8	19.4
Camden	Ouachita	26	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	4.0	4.0	4.2	4.2	4.3	4.3	4.7	4.7	4.3	4.1	4.2	5.5	5.3	5.0	6.3	7.6	12.5	12.9	12.8	12.7	13.0	14.8
Fulton	Red	28	4.4	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.6	4.6	4.6	4.8	4.9	4.9	4.9	4.8	4.7	5.1	7.9	14.8	19.8	21.8	22.6	22.0	21.3
Helena	Mississippi	44	14.7	15.0	15.3	15.2	14.2	12.6	11.3	10.5	9.4	8.5	8.3	8.5	8.9	9.6	10.4	11.6	13.3	14.6	15.6	16.2	16.6	16.9	17.0	17.0	16.8	16.8	17.3	18.5	19.6	21.3	24.1
Arkansas City	do	48	14.4	14.7	15.0	15.2	15.4	14.9	13.8	12.6	11.5	10.8	9.7	9.0	8.8	9.0	9.4	10.0	11.2	12.5	13.8	15.0	16.1	16.7	17.1	17.4	17.4	17.4	17.5	19.6	22.6	24.9	26.4

Daily temperatures for December, 1932

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	68	72	63	64	69	74	50	45	30	32	35	27	31	35	30	30	40	42	35	40	54	60	67	67	59	47	58	60	50	50	42	49.2
	Minimum	27	38	48	44	30	30	34	26	26	26	28	22	22	24	27	15	14	2	4	25	28	35	42	50	36	33	29	24	25	26	30	28.1
Batesville §§	Maximum	66	68	60	60	68	71	44	37	27	30	34	35	39	43	29	27	31	41	35	36	48	56	66	63	61	49	55	56	56	46	40	47.6
	Minimum	22	25	40	40	38	26	34	20	20	19	23	17	17	24	24	14	13	4	10	22	29	33	36	55	40	25	26	21	20	20	28	25.5
Bee Branch	Maximum	66	69	64	61	70	71	69	43	37	30	34	36	31	43	38	25	40	42	36	35	46	47	62	66	63	58	56	59	55	50	46	49.9
	Minimum	31	42	42	39	31	60	32	22	21	22	26	17	20	26	22	15	7	7	19	25	32	33	43	52	36	31	27	25	25	42	27	29.0
Bentonville	Maximum	63	67	67	68	63	71	34	24	25	29	29	17	28	40	25	17	33	39	37	44	56	57	60	56	52	45	51	55	56	44	35	44.7
	Minimum	46	53	49	36	44	34	21	18	16	18	12	6	15	19	11	8	7	12	25	21	30	36	52	46	35	25	24	29	32	33	21	27.2
Blytheville	Maximum	67	68	66	59	68	70	67	39	31	31	33	32	26	31	32	18	29	36	31	33	41	47	63	63	64	58	50	56	59	54	44	47.4
	Minimum	36	44	47	43	37	54	37	21	20	24	27	20	21	24	18	9	10	12	21	21	33	35	41	56	43	32	34	26	25	42	29	30.5
Booneville	Maximum	69	71	72	66	71	79	71	43	39	32	34	30	28	35	33	30	39	45	46	40	50	48	62	70	61	51	58	59	56	48	44	51.2
	Minimum	33	52	49	34	33	60	29	24	25	26	28	16	22	26	26	17	11	11	23	23	39	35	46	50	47	27	24	23	32	42	27	31.1
Brinkley	Maximum	69	73	67	66	70	72	65	43	33	32	33	33	29	33	35	26	35	35	31	35	43	51	66	66	67	61	54	61	61	65	47	50.4
	Minimum	29	43	44	38	31	56	38	22	22	25	26	20	21	27	20	11	11	0	20	26	32	38	49	54	47	22	35	23	22	42	31	30.2
Calico Rock§§	Maximum	69	70	61	63	71	76	43	36	27	28	36	23	33	41	29	18	36	45	37	50	59	57	67	63	58	45	55	57	56	45	38	48.2
	Minimum	21	25	40	34	29	38	31	18	17	19	21	14	14	21	24	13	12	10	14	21	30	33	37	55	35	25	22	23	21	21	26	24.7
Camden§§	Maximum	68	71	66	66	73	75	55	47	33	34	35	31	33	35	33	24	36	39	40	46	45	62	70	68	66	49	57	61	64	66	45	51.4
	Minimum	25	27	47	39	28	25	41	27	27	26	30	27	24	25	27	17	15	9	11	19	31	37	41	52	41	34	35	25	25	27	33	29.1
Carthage	Maximum	68	72	65	65	71	74	74	48	40	32	33	33	30	34	35	29	38	40	36	37	44	50	66	69	65	64	55	62	57	64	52	51.7
	Minimum	26	38	44	35	25	60	39	26	25	27	25	23	22	28	21	14	9	10	24	28	34	39	44	54	37	34	34	25	22	45	32	30.8
Center Point	Maximum	69	72	67	65	71	77	72	46	42	32	36	37	32	30	35	29	38	38	35	42	58	51	66	67	61	59	61	59	55	51	48	51.9
	Minimum	38	47	54	41	46	62	33	27	25	29	30	23	25	30	27	16	17	18	25	25	36	45	51	50	36	37	31	25	31	43	29	34.2
Conway	Maximum	67	71	65	62	70	75	71	43	37	31	34	34	31	36	34	26	34	40	33	37	48	46	64	67	63	50	55	59	55	48	45	49.4
	Minimum	32	45	49	39	30	60	35	25	24	26	27	21	22	29	25	15	13	6	23	28	24	41	45	54	42	36	29	25	25	44	35	31.5
Corning	Maximum	69	69	64	59	68	71	67	39	30	27	32	31	27	41	36	20	32	41	36	32	42	42	61	64	61	51	51	52	59	50	41	47.4
	Minimum	26	43	46	40	32	56	34	19	18	22	21	16	20	21	19	9	9	12	16	25	30	35	39	56	44	30	27	27	23	41	26	28.5
Crossett §§	Maximum	68	64	69	69	69	72	55	49	33	36	38	34	33	35	33	21	30	29	35	52	48	62	70	..	70	49	51	59	65	68	51	50.6
	Minimum	29	33	38	41	34	37	35	30	30	29	32	32	28	28	29	19	14	12	16	25	31	40	46	52	..	36	37	28	28	30	37	31.2
Dardanelle	Maximum	69	71	64	63	71	77	72	44	40	33	35	35	31	37	36	28	31	41	36	38	46	45	62	69	64	52	55	57	50	49	45	50.0
	Minimum	23	39	49	38	32	60	33	25	25	27	27	20	22	28	27	16	4	5	21	23	35	33	44	51	45	30	26	25	27	43	25	30.3
Dumas	Maximum	68	70	69	66	72	75	70	50	43	36	36	37	38	36	34	29	36	34	35	35	46	56	64	70	69	59	52	58	60	66	49	52.2
	Minimum	34	42	49	43	40	59	40	27	25	29	30	26	25	29	22	14	12	10	25	24	25	38	39	48	45	34	32	27	36	43	34	32.6
Dutton	Maximum	69	65	65	66	67	70	51	43	31	31	32	26	26	37	29	19	39	40	36	37	55	51	59	63	51	48	52	52	52	45	40	46.8
	Minimum	15	42	44	43	46	43	23	12	15	20	12	9	19	18	15	10	8	4	19	19	35	25	48	43	33	21	17	18	22	35	19	23.9
El Dorado	Maximum	66	68	72	68	72	78	68	50	37	35	36	35	34	34	32	30	33	33	38	47	50	60	65	69	65	58	55	61	58	67	59	52.4
	Minimum	34	37	50	46	37	63	43	29	29	32	32	29	27	31	29	18	16	16	25	30	39	42	57	53	47	37	35	30	30	40	39	35.7
England	Maximum	67	71	64	71	73	67	44	..	35	31	33	33	29	34	32	24	33	37	35	35	41	47	65	68	63	55	60	..	60	51	45	48.4
	Minimum	35	45	45	35	60	38	25	..	21	27	28	23	23	28	23	13	14	-1	24	28	34	37	45	55	45	34	26	..	27	44	32	31.6
Eureka Springs	Maximum	65	66	67	60	64	72	38	36	27	27	29	22	32	42	30	16	38	42	40	47	58	53	60	60	54	46	53	58	59	48	37	46.6
	Minimum	50	54	54	38	47	37	21	16	15	16	21	6	14	19	15	7	6	15	29	22	38	37	53	46	41	26	25	30	35	35	20	28.6
Fayetteville	Maximum	63	67	68	62	63	72	56	36	32	31	30	22	28	41	32	18	31	39	35	43	55	56	61	62	55	47	52	54	54	49	38	46.9
	Minimum	47	54	51	35	41	56	21	19	16	20	21	8	17	20	16	10	8	10	30	24	39	32	53	46	39	26	25	28	32	37	21	29.2
Fort Smith	Maximum	67	70	71	62	70	77	41	41	31	33	33	24	28	39	34	22	35	42	38	52	55	49	63	64	51	47	52	57	56	48	40	48.0
	Minimum	38	47	55	41	42	38	23	21	26	30	21	14	24	26	22	17	14	18	28	26	39	40	49	48	40	33	31	31	35	38	27	31.9
Gravette	Maximum	63	66	67	61	64	71	49	39	30	30	29	22	25	40	31	23	31	35	45	45	56	59	58	59	55	45	49	55	56	50	38	46.6
	Minimum	44	51	52	29	42	43	19	18	15	15	18	4	12	15	12	7	0	7	15	22	36	49	49	44	35	24	33	27	33	34	19	26.5
Harrison	Maximum	65	67	65	60	64	72	64	31	28	26	25	26	27	37	30	18	32	39	36	40	52	42	60	61	55	48	49	51	54	49	36	45.4
	Minimum	35	48	48	35	36	38	23	15	15	16	21	8	17	19	16	8	2	2	21	18	28	32	41	45	41	24	21	23	27	33	21	25.2
Helena	Maximum	69	71	61	62	61	67	65	42	43	38	37	37	35	31	28	18	31	26	29	34	45	54	67	70	68	63	50	58	54	57	56	49.2
	Minimum	38	43	50	37	40	56	40	26	24	29	28	23	24	27	18	12	10	10	23	25	33	40	51	52	45	36	37	25	28	41	31	32.3
Hope	Maximum	68	72	66	65	71	76	68	59	43	35	57	40	32	35	34	27	52	50	40	48	49	54	..	69	63	51	57	60	50	53	48	53.1
	Minimum	29	49	54	36	31	64	37	27	28	29	31	26	25	31	26	17	18	8	25	31	37	41	..	52	44	36	36	26	28	45	31	33.4
Hot Springs	Maximum	62	67	67	60	63	72	72	49	42	42	36	35	34	36	39	25	37	40	41	40	50	50	65	66	67	56	53	54	55	48	48	50.7
	Minimum	42	50	50	42	36	59	35	26	25	28	28	22	22	29	24	15	12	11	24	29	36	42	45	51	44	36	32	29	29	34	30	32.8
Jonesboro	Maximum	69	69	66	62	68	72	66	38	29	29	32	32	27	36	30	21	33	40	30	33	42	43	63	65	65	55	51	53	61	50	44	47.7
	Minimum	38	45	46	45	42	55	37	22	20	21	26	19	21	25	[illegible]	11	10	8	20	25	32	36	43	55	19	34	33	20	28	42	30	31.1
Lead Hill	Maximum	69	70	68	65	69	76	71	36	33	26	34	28	24	44	31	20	36	45	35	44	59	46	61	66	57	48	53	56	55	50	49	49.2
	Minimum	24	33	39	31	26	55	26	15	16	17	24	11	18	14	12	10	2	1	19	17	27	27	42	51	34	22	18	29	25	35	24	24.6
Little Rock	Maximum	64	68	60	62	68	72	52	38	29	29	24	30	30	34	32	22	31	35	32	37	46	51	66	67	61	45	54	55	57	45	41	46.8
	Minimum	40	49	51	45	40	52	34	26	25	27	27	22	22	29	21	11	16	12	27	29	27	40	50	53	45	36	36	33	34	37	31	33.5
Lutherville	Maximum	66	70	63	60	69	75	69	46	36	30	32	32	27	34	33	24	32	40	36	37	47	48	61	65	61	49	53	57	51	47	45	48.2
	Minimum	37	49	49	42	37	58	29	21	21	24	25	16	21	25	23	14	9	13	22	25	34	31	45	43	45	21	26	29	31	42	25	30.3
Magnolia	Maximum	69	73	68	68	75	75	70	48	46	47	46	42	32	36	37	30	37	42	44	47	45	58	68	70	64	55	55	62	59	67	50	51.4
	Minimum	38	46	52	42	35	64	39	29	32	33	35	27	25	30	27	17	17	14	24	31	35	42	55	51	45	37	38	25	31	45	33	35.5
Malvern	Maximum	68	71	66	65	68	75	69	48	39	32	36	36	33	38	35	25	40	41	38	39	56	49	67	69	64	55	58	60	56	51	48	51.5
	Minimum	26	39	41	44	27	62	37	26	26	25	28	24	23	30	24	15	14	9	25	27	37	41	45	54	37	35	34	25	25	14	33	31.8
Mammoth Spring	Maximum	64	67	65	53	67	72	67	42	31	28	35	32	32	42	32	22	34	26	34	31	40	42	60	61	61	52	54	58	57	50	41	47.0
	Minimum	24	25	50	46	30	58	31	19	17	20	25	13	20	22	19	16	11	4	19	27	32	[illegible]	41	54	38	25	21	21	22	40	22	25.9
Marianna	Maximum	66	71	67	62	68	69	69	53	45	43	45	40	50	31	34	29	23	28	29	24	44	52	68	68	65	66	66	57	56	65	61	52.2
	Minimum	38	43	49	37	38	57	40	25	21	25	24	20	21	28	23	13	12	5	15	26	33	40	51	55	56	55	36	31	36	44	31	33.4
Marked Tree§§	Maximum	67	69	66	62	75	71	47	37	32	30	32	29	28	35	27	12	32	35	28	37	42	56	65	64	66	45	51	57	58	55	35	46.6
	Minimum	27	34	43	40	33	34	39	22	22	22	25	22	22	24	26	11	16	6	9	[illegible]	27	37	38	54	43	29	[illegible]	24	33	24	31	27.5
Marshall	Maximum	57	61	61	60	63	68	68	35	31	26	33	33	27	32	29	20	30	39	40	37	43	47	60	61	61	51	44	43	42	48	42	45.1
	Minimum	35	47	49	31	43	57	26	13	15	17	22	10	13	19	17	9	-5	0	21	23	28	30	56	48	45	23	20	21	[illegible]	37	22	25.7
Mena	Maximum	64	67	63	61	67	75	68	41	35	33	31	27	27	33	30	24	37	41	38	37	45	48	65	66	55	48	53	57	49	48	[illegible]	[illegible]
	Minimum	41	49	47	36	38	58	28	25	25	27	27	17	22	25	23	15	10	13	22	26	25	43	46	46	41	36	25	27	25	38	25	31.2
Morrillton §§	Maximum	65	79	62	62	68	73	48	40	36	33	33	25	31	36	31	21	34	40	35	38	46	57	65	65	58	49	55	56	51	47	[illegible]	47.8
	Minimum	30	32	50	43	32	35	36	24	25	24	25	22	21	25	25	19	14	9	13	27	30	37	40	54	51	34	31	28	25	30	[illegible]	30.0
Mountain Home	Maximum	69	70	70	62	69	75	70	35	30	25	32	29	30	43	30	28	[illegible]	48	[illegible]	40	[illegible]	42	60	65	56	[illegible]	55	57	56	49	[illegible]	[illegible]
	Minimum	31	41	50	36	32	58	27	17	16	18	21	10	19	19	17	9	6	2	18	21	30	[illegible]	40	[illegible]	[illegible]	[illegible]	21	[illegible]	24	35	[illegible]	[illegible]
Mount Ida	Maximum	65	70	64	65	67	75	71	45	39	32	35	33	30	38	33	25	29	41	37	41	46	45	66	68	60	50	58	58	50	45	47	48.7
	Minimum	26	48	54	31	21	58	31	18	24	25	28	19	22	27	24	15	2	3	14	25	33	36	42	59	32	25	22	19	20	42	27	[illegible]
Newport	Maximum	68	69	64	62	69	71	69	36	31	31	33	33	2	40	32	23	35	34	31	35	44	40	65	65	64	50	51	58	59	51	44	48.6
	Minimum	37	41	44	39	39	58	36	23	21	22	26	18	21	27	23	13	12	6	19	27	33	37	37	57	48	31	31	25	25	42	29	30.5
Okay	Maximum	68	73	73	67	71	77	73	49	41	35	40	36	34	36	36	28	35	44	38	46	51	54	65	69	66	65	64	60	65	52	51	53.9
	Minimum	21	47	46	40	30	63	37	29	29	30	25	25	26	30	21	17	17	6	25	29	37	44	52	51	35	33	28	24	29	44	32	32.4
Pine Bluff	Maximum	71	74	67	69	72	73	69	46	35	34	34	34	31	37	32	25	33	36	34	37	41	49	65	70	69	53	56	61	58	65	47	51.2
	Minimum	35	46	46	44	34	60	40	27	21	29	29	26	21	29	25	16	15	8	25	29	34	35	48	51	46	32	39	26	25	46	34	33.4
Pocahontas	Maximum	66	68	64	61	67	72	69	40	33	29	23	33	30	42	28	23	31	35	36	35	43	42	60	65	53	54	54	55	54	54	44	48.0
	Minimum	28	41	42	40	30	55	33	18	17	20	21	15	19	19	20	9	9	2	18	25	30	33	38	55	37	27	26	22	23	40	27	27.2
Portland	Maximum	70	72	71	65	72	70	68	49	45	35	38	38	33	35	34	30	28	29	33	41	45	60	70	70	71	64	46	55	59	68	61	52.4
	Minimum	31	40	41	45	31	57	45	30	29	32	33	32	29	31	29	17	14	19	25	30	35	45	52	52	45	39	39	30	29	46	37	35.4
Prescott	Maximum	65	74	68	66	74	77	73	50	44	33	37	35	32	34	34	27	36	39	37	47	49	51	68	70	66	60	55	63	58	53	50	52.6
	Minimum	35	47	52	43	32	61	36	27	27	37	30	25	24	30	27	16	17	9	24	30	37	43	49	52	32	35	32	25	28	44	32	33.2
Searcy	Maximum	64	68	62	63	69	72	68	42	33	30	33	33	30	37	33	25	35	38	31	35	45	44	61	61	63	54	55	58	57	48	46	48.6
	Minimum	28	40	42	26	26	57	35	22	21	20	25	18	20	25	23	11	12	1	0	27	32	37	42	55	42	32	32	25	24	41	28	28.4
Stuttgart	Maximum	68	71	67	65	72	74	67	41	38	32	33	33	29	31	32	25	34	28	32	36	40	52	65	68	64	57	52	59	57	65	47	49.7
	Minimum	36	42	48	41	36	57	39	25	24	26	28	25	23	27	25	13	13	1	22	27	33	30	50	50	47	38	37	27	27	44	33	32.1
Subiaco	Maximum	69	71	69	63	72	77	59	42	34	32	34	29	29	37	33	27	36	43	35	45	49	44	64	67	62	43	54	58	52	47	41	46.1
	Minimum	32	45	54	42	35	58	30	23	25	26	27	17	22	26	25	15	13	10	22	23	37	35	44	51	47	31	27	26	51	28	27	31.1
Sunset	Maximum	61	63	63	59	57	67	56	42	28	29	29	25	25	36	29	15	37	35	31	[illegible]	53	51	59	61	51	46	51	52	52	44	31	44.8
	Minimum	44	43	49	26	41	55	18	16	11	20	20	5	10	17	13	8	10	18	25	22	24	40	51	41	37	30	36	30	37	32	16	25.3
Thornburg	Maximum	69	73	71	74	76	77	65	50	37	35	40	39	33	36	33	23	37	42	37	52	51	60	69	70	62	73	77	76	71	59	50	55.5
	Minimum	38	46	38	43	46	47	35	27	26	27	30	25	25	29	23	16	17	12	25	28	35	42	52	49	42	43	42	44	44	46	37	31.9
Texarkana	Maximum	54	68	61	63	67	72	70	40	30	29	32	32	25	32	31	22	35	45	35	36	55	45	65	69	65	45	55	60	52	45	45	47.9
	Minimum	27	46	53	31	28	60	32	23	22	26	26	19	20	27	22	15	5	1	22	26	35	40	45	51	43	25	24	19	22	45	29	29.3
Warren	Maximum	65	68	66	65	69	71	69	46	42	35	31	34	32	36	33	29	29	30	32	41	49	56	67	66	67	65	59	57	59	66	52	51.2
	Minimum	30	48	51	51	32	60	41	25	25	29	30	25	24	29	26	15	12	10	23	28	36	39	54	52	53	35	37	27	28	46	34	34.1
Wilson	Maximum	67	63	66	65	67	76	66	39	31	30	30	24	27	35	31	22	29	32	28	33	43	52	63	66	67	65	62	56	58	65	55	49.0
	Minimum	36	42	42	36	36	54	37	22	20	20	21	20	21	21	18	9	9	8	12	25	31	36	43	55	45	30	31	25	25	42	29	29.9
Wynne	Maximum	66	70	68	70	68	70	65	43	35	32	33	33	32	33	30	31	20	31	29	29	44	48	55	65	63	58	53	56	55	55	67	49.0
	Minimum	35	43	48	35	45	50	33	21	26	20	21	18	19	21	18	10	9	4	29	22	26	34	35	48	56	27	28	23	28	32	39	28.7

§§ Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 1 26-'33 1025

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
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CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

ol. XXXVII Little Rock, Ark., Year, 1932 No. 13

GENERAL SUMMARY

The mild weather of the latter part of 1931 continued during
nuary and February 1932, but decidedly colder weather over-
read the State on the 5th of March bringing the lowest tem-
rature of the winter of 1931-32 and the coldest for the entire
ar of 1932 in some sections. The minimum temperature of
at Sunset on the 9th is within 1° of the lowest temperature
er recorded in the State for March. Temperature averages
ere above normal from April to August, inclusive, but
ptember and the following months had negative departures.
ovember was considerably colder than the average, being the
e coldest since 1929, and December was the coldest December
nce 1917. The mean temperature for the year was 62.0°
hich is 0.7° above normal. Of the 62 stations for which nor-
als have been computed, 42 had positive departures, 9 neg-
ive, and 2 were normal. Annual means ranged from 56.8°
Dutton in the Ozarks to 66.0° at El Dorado in a southern
rder county. Extremes ranged from 5° below zero at Mar-
all on December 17th to 108° at Corning on July 16th.

The average precipitation for the State was 51.11 inches
hich is 2.89 inches above normal. Of the 70 stations with
cords of 10 years or more, 52 had positive departures and
negative. January was the wettest January on record sur-
ssing the correspondingly wet months of 1916 and 1930.
recipitation was also above normal in February but was below
r the next three months, May being the driest May since
25. June and July had positive departures but in August
d September rainfall was again below normal with a decided
ficiency in southern and extreme western portions of the
ate. Precipitation was slightly above normal in October, but
dry November followed with the lowest State average since
20, and December was the wettest December since 1892.
rom April 1st to September 30th the rainfall was 76% of the
rmal with the months of June and July supplying slightly
er 50% of the amount for the period. Annual amounts
nged from 33 39 inches at Cotter to 65.78 inches at Madison
St. Francis County. Positive departures occurred generally
the eastern half of the State and in the Arkansas River Val-
y, while stations on the northwestern slope of the Ozarks, in
rthern border counties, and along the southern border in the
uthwestern portion of the State received the least.

The last killing frost in spring occurred about March 15th
southern and central sections and about March 28th in
orthern border counties and the more mountainous portions.
he first killing frost in autumn occurred October 6th in north-
estern counties and in the Boston Mountains, and either
ovember 1st or about the 11th in other sections. The grow-
g season ranged from 175 days at Dutton in the Ozarks to
7 days at Highland. Only slight damage resulted in the
ll from frost, but the freeze in March, following an unusually
ild winter, killed practically the entire peach and pear crops
roughout the State and severely damaged all early truck
ops which had been planted much earlier than usual.

Tornadoes occurred in March, April, and October in which
people were injured and property valued at $136,500 de-
royed. Seven people were injured and considerable proper-
was damaged during windstorms but they were not unusual-
severe. Nine people were killed and three seriously injured
ring electrical storms and property valued at $48,000 de-
royed. Hailstorms occurred during the spring and early
mmer months and in December, doing considerable damage
crops and roofs of buildings.

WEATHER BY MONTHS

January;—This was the warmest January since 1923, the average being 5.2° above normal. The average precipitation was 9.67 inches, or 5.43 inches above normal, establishing a new record for this month. Rainfall was heavy in nearly all sections of the State and especially so in the Ouachita River basin and the southeastern portion of the State. Monthly totals ranged from 3.35 inches at Dutton to 16.51 inches at Crossett. Thousands of acres of land were submerged in the lower Ouachita River basin, a stage of 38.0 feet being reached at Camden on the 9th. The loss from high water during the month was $144,000 on the Ouachita River, $15,700 on the White, and $7,500 on the Arkansas.

February;—Temperatures were above normal and were freezing or below for only two days at Little Rock and three days at Fort Smith during the month, making this the third warmest February on record. The mean temperature was 52.0° which is 8.7° above normal with departures as high as 10° above normal in the northern half of the State. Fruit buds began developing much earlier than usual, and peaches, plums, and early strawberries were blooming in many sections by the close of the month. Precipitation was 1.42 inches above normal, with monthly totals ranging from 1.14 inches at Gravette to 8.14 inches at Prescott.

March:—Temperatures were as much as 20° above normal during the first four days of the month but the cold wave which overspread the State on the 5th lasted until the 15th, bringing temperatures as low as 18° to 20° even to southern border counties and departures as low as 30° below normal. All early truck crops were severely damaged. Peaches and pears were in bloom and these two crops were practically destroyed. Early strawberries were damaged and retarded but sufficient fruit buds were left to produce a good crop. Precipitation was slightly below normal, with monthly totals ranging from 1.63 inches at Harrison to 7.33 inches at Arkadelphia. The average amount of snowfall was 1.1 inches.

April:—The mean temperature was 63.8° which is 2.3° above normal, all stations having positive departures. Freezing temperatures occurred at only 5 stations located in the more mountainous portions and practically no damage resulted to growing vegetation from frost during the month. However, nights were cool during the middle and latter parts of the month and growth of most crops was retarded. Precipitation was decidedly deficient in nearly all portions of the State, only four stations having positive departures. Of the 93 stations reporting, 22 received less than 2.00 inches while 6 reported over 5.00 inches. Monthly totals ranged from 0.71 inch at Cotter to 7.02 inches at Marked Tree.

May:—The mean temperature was 69.5° which is 0.4° above normal while precipitation was deficient in practically all sections, this being the driest May since 1925. Monthly totals ranged from 0.28 inch at Gravette to 5.01 inches at Danville. Thirteen stations had less than 1.00 inch and 55 less than 2.00 inches while 3 had more than 4.00 inches. Wheat, oats, truck crops, and late strawberries were damaged by the dry weather but early strawberries yielded much better than usual.

June:—Although the highest temperature recorded was only 103°, one person died at De Witt on the 21st from heat prostration. The average precipitation for the State was 4.86 inches which is 0.76 inch above normal, but the distribution was irregular with most of the rainfall occurring during thunderstorms. Monthly totals ranged from 0.75 inch at Blytheville to 9.15 inches at Center Point, with the northeastern portion of the State and counties along the southern border again receiving the least amount of rain as they did in the preceding month. The average number of rainy days was 10, though one station reported 16 and four others 15 rainy days.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation			Number of days				Wind Direction
	Yearly average	Departure	Highest	Lowest	Yearly average	Departure	Snowfall inches	Clear.	Partly cloudy	Cloudy	Precip.01 or more	
Means and Extremes	**61.2**		**116**	**-29**	**48.22**			**169**	**94**	**102**	**85**	
1891	60.5	-0.7	108	6	44.49	- 3.73	....	180	94	91	94	s.
1892	60.0	-1.2	106	-14	57.75	+ 9.53	....	159	98	109	98	s.
1893	60.7	-0.5	103	-13	47.91	- 0.31	....	185	95	85	75	s.
1894	61.3	+0.1	108	-22	49.05	+ 0.83	....	176	97	92	75	s.
1895	59.8	-1.4	105	-17	44.69	- 3.53	....	167	92	106	83	s.
1896	62.8	+1.6	112	4	37.72	-10.50	5.2	171	97	98	79	s.
1897	62.3	+1.1	111	- 2	46.13	- 2.09	5.4	178	96	91	76	s.
1898	61.4	+0.2	108	- 4	56.82	+ 8.65	3.4	158	106	101	89	s.
1999	60.6	-0.6	112	-25	41.49	- 6.73	7.0	170	105	90	76	s.
1900	62.0	+0.8	108	- 5	49.03	+ 0.81	2.2	150	120	95	92	s.
1901	61.1	-0.1	116	- 6	35.27	-12.95	3.3	175	111	79	65	s.
1902	60.5	-0.7	108	- 2	51.70	+ 3.48	9.3	150	121	94	81	sw.
1903	59.3	-1.9	105	-12	44.62	- 3.60	7.7	162	107	96	84	sw.
1904	60.5	-0.7	105	- 5	43.45	- 4.77	3.5	169	112	85	78	s.
1905	59.6	-1.6	106	-29	62.17	+13.95	15.5	146	107	112	103	sw.
1906	60.3	-0.9	101	- 7	55.99	+ 7.77	5.2	156	96	113	95	sw.
1907	61.9	+0.7	113	- 8	49.73	+ 1.51	2.5	163	91	111	86	s.
1908	62.1	+0.9	103	0	48.88	+ 0.66	5.4	158	100	108	92	sw.
1909	62.1	+0.9	111	-19	44.05	- 4.17	6.8	176	93	96	83	s.
1910	61.0	-0.2	105	-13	45.21	- 3.01	10.8	172	109	84	84	sw.
1911	62.8	+1.6	107	- 9	49.54	+ 1.32	3.0	152	117	96	95	sw.
1912	59.8	-1.4	106	-16	45.83	- 2.39	11.3	171	110	85	81	sw.
1913	61.6	+0.4	108	- 1	54.01	+ 5.79	7.1	158	107	100	89	s.
1914	61.4	+0.2	110	-11	42.85	- 5.37	16.2	149	109	107	82	s.
1915	60.6	-0.6	107	- 3	53.08	+ 4.86	4.7	163	81	121	82	sw.
1916	61.9	+0.7	107	-16	42.18	- 6.04	6.2	191	76	99	75	s.
1917	59.2	-2.0	106	-21	40.72	- 7.50	12.1	187	74	104	75	s.
1918	61.4	+0.2	115	-28	44.64	- 3.58	18.1	174	76	115	75	s.
1919	61.6	+0.4	113	-10	54.52	+ 6.30	3.4	166	75	124	91	s.
1920	60.7	-0.5	105	- 2	54.28	+ 6.06	4.2	174	74	118	90	s.
1921	64.2	+3.0	107	- 3	47.46	- 0.76	15.3	178	85	102	83	s.
1922	62.7	+1.5	111	7	46.50	- 1.72	5.2	170	83	112	87	s.
1923	61.6	+0.4	109	2	59.85	+11.63	9.0	160	82	123	102	s.
1924	60.1	-1.1	110	- 8	37.03	-11.19	14.3	193	68	105	74	n-s.
1925	63.0	+1.8	113	- 6	42.19	- 6.03	5.4	184	81	100	74	s.
1926	61.3	+0.1	110	-17	49.24	+ 1.02	12.5	175	79	111	88	s.
1927	63.1	+1.9	105	- 2	65.85	+17.63	11.1	161	85	119	99	s.
1928	61.1	--0.1	105	-10	50.50	+ 2.28	6.0	183	76	107	86	s.
1939	60.5	-0.7	110	-20	46.10	- 2.12	19.9	162	83	120	98	s.
1930	61.7	+0.5	115	-28	46.62	- 1.60	7.8	192	75	98	78	s.
1931	62.5	+1.3	107	0	46.98	- 1.24	4.2	172	82	111	94	s
1932	62.0	+0.7	108	- 5	51.11	+ 2.89	6.3	175	85	106	95	s.

KILLING FROSTS, 1932

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	Mar. 15	Nov. 12	242	LITTLE ROCK	Mar. 14	Nov. 11	242
Arkadelphia	Mar. 15	Nov. 11	241	Lurton	Mar. 22	Oct. 6	198
Arkansas City	Mar. 24	Nov. 2	223	Lutherville	Mar. 14	Nov. 1	232
Arlberg	Mar. 18	Oct. 6	202	Madison	Mar. 15	Nov. 2	232
Batesville	Mar. 18	Oct. 6	202	Magnolia	Mar. 14	Nov. 11	242
Bee Branch	Mar. 15	Oct. 6	205	Malvern	Mar. 15	Nov. 11	241
Bentonville	Mar. 22	Oct. 6	198	Mammoth Spring	Mar. 28	Oct. 6	192
Big Lake Outlet	Mar. 28	Nov. 12	229	Marianna	Mar. 15	Nov. 11	241
Black Rock	Mar. 29	Nov 1	217	Marked Tree	Mar. 15	Nov. 2	232
Blytheville	Mar. 15	Nov. 12	242	Marshall	Mar. 23	Oct. 6	197
Booneville	Mar. 18	Nov. 1	228	Mena	Mar. 14	Nov. 1	232
Brinkley	Mar. 15	Nov. 2	232	Morrillton	Mar. 14	Nov. 12	243
Calico Rock	Mar. 28	Nov. 1	218	Mountain Home	Mar. 23	Oct. 6	197
Camden	Mar. 15	Nov. 11	241	Mount Ida	Mar. 28	Oct. 6	192
Carthage	Mar. 24	Nov. 11	232	Newport	Mar. 15	Nov. 1	231
Centerpoint	Mar. 14	Nov. 11	242	Norman	Mar. 28	Oct. 6	192
Clarendon	Mar. 28	Nov. 1	218	Oden	Mar. 28	Oct. 6	192
Clinton	Mar. 15	Nov. 1	231	Okay	Mar. 14	Nov. 1	232
Conway	Mar. 15	Nov. 1	231	Osceola	Mar. 23	Nov. 12	234
Corning	Mar. 18	Nov. 1	228	Ozark	Mar. 14	Nov 1	232
Cotter	Mar. 23	Nov. 1	223	Paragould	Mar. 18	Oct. 6	202
Crossett	Mar. 14	Nov. 12	243	Parkin	Mar. 15	Nov. 2	232
Danville	Mar. 14	Nov. 1	232	Patterson	Mar. 15	Nov. 11	241
Dardanelle	Mar. 14	Nov. 1	232	Piggott	Mar. 18	Nov. 2	229
De Valls Bluff	Mar. 15	Nov. 1	231	Pine Bluff	Mar. 14	Nov. 12	243
Dumas	Mar. 15	Nov. 11	241	Pocahontas	Mar. 23	Nov. 12	234
Dutton	Apr. 14	Oct 6	175	Portland	Mar. 13	Nov. 11	243
El Dorado	Mar. 14	Nov. 12	243	Prescott	Mar. 14	Nov. 11	242
England	Mar. 15	Nov. 11	241	Rison	Mar. 14	Nov. 11	242
Eureka Springs	Mar. 22	Nov. 1	224	Rogers	Mar. 31	Nov. 1	215
Fayetteville	Mar 22	Oct. 6	198	Saint Charles	....	....	...
Fort Smith	Mar. 14	Nov. 11	242	Saint Francis	Mar. 18	Oct. 6	202
Freeman Spr.	Mar. 31	Oct. 5	188	Searcy	Mar. 15	Nov. 11	241
Fulton	Mar. 14	Oct. 6	206	Springbank	Mar. 14	Nov. 11	242
Georgetown	Mar. 15	Nov. 1	231	Story	Mar. 28	Oct. 6	192
Gilbert	Mar. 23	Nov. 11	233	Stuttgart	Mar. 14	Nov. 11	242
Grannis	Mar. 24	Oct. 6	196	Subiaco	Mar. 14	Nov. 13	244
Gravette	Mar. 22	Oct. 6	198	Sunset	Mar. 22	Oct. 6	198
Harrison	Mar. 23	Oct. 6	197	Texarkana	Mar. 14	Nov. 11	242
Helena	Mar. 28	Oct. 6	192	Thornburg	Mar. 23	Oct. 6	197
Higden	Mar. 15	Nov. 4	234	Waldron	Mar. 14	Oct. 6	206
Highland	Mar. 14	Nov. 16	247	Warren	Mar. 13	Nov. 12	244
Hope	Mar. 14	Nov. 11	242	Waters	Mar. 28	Oct. 6	192
Hot Springs	Mar. 13	Nov. 12	244	Whitecliffs	Mar. 13	Nov. 1	233
Index	Mar. 22	Nov. 11	234	Wilson	Mar. 15	Nov. 2	232
Jessieville	Mar. 23	Oct. 6	197	Wynne	Mar. 15	Nov. 2	232
Jonesboro	Mar. 15	Nov. 12	242	Yancopin	Mar. 14	Nov. 11	242
Lead Hill	Mar. 30	Oct. 6	190				

July:—Although temperatures were not unusually high, four persons died from heat prostration during the month and from the 10th to the 16th considerable loss of livestock was reported in Mississippi, Faulkner, and Phillips counties. Rainfall was excessive in many sections of the State during the first decade, with damage occurring in Faulkner and Pulaski counties. Monthly totals ranged from 1.67 inches at Ft. Smith to 12.31 inches at Thornburg. Temperatures were a little too high for corn during the second decade and in a few localities the soil was too dry.

August:—The mean temperature for the State was 1.7° above normal, while precipitation was 1.94 inches below normal. Heavy rains occurred in much of the northeastern portion of the State on the 3d or 4th but thereafter showers were generally light to moderate in the northern half, light at most stations in the southern, with Amity reporting no rain during the month and Camden and Carthage only 0.05 inch. Sections around Ft. Smith and in the Ouachita River basin received very little rain and by the latter part of the month deterioration of cotton was general in those areas. Cotton opened early because of the hot, dry weather.

September:—The average precipitation for the State was 2.54 inches which is 0.82 inch below normal. Rainfall this month like that of the preceding month was light in southwestern and extreme western portions and in the lower Ouachita River basin. Growth of cotton was stopped in southern and southwestern sections of the State due to lack of rain. Late corn was badly damaged in central, western, and southwestern portions. More favorable conditions prevailed in the eastern half of the State.

October:—Cold weather overspread the State on the 4th and 5th with temperature departures ranging from 18° to 20° below normal in northern and central portions on the 5th, 26° being recorded in extreme northern sections and 30° even in some southern border counties. Rainfall was again deficient over most of the southern part of the State with many stations receiving only 1.00 inch to 1.50 inches. The weather was favorable for the picking and ginning of cotton and for the gathering of all fall crops.

November:—The average precipitation for the State was 1.98 inches, making this the driest November since 1920 when the State average was 1.95 inches. Monthly totals ranged from 0.48 inch at Ft. Smith to 4.76 inches at Dumas, only one station having a positive departure. The weather was favorable for the harvesting of fall crops during the first four or five days but the frequent showers and the low temperatures during the middle of the month retarded most outdoor activities.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1932

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	46.2	+ 5.2	80	11	9.67	+5.43	16.51	0.5	11	12	5	14	s.
February	52.0	+ 8.7	86	9	4.72	+1.42	8.14	T.	9	13	5	11	sw.
March	48.2	- 4.4	88	2	4.48	-0.20	7.33	1.1	9	13	7	11	n.
April	63.8	+ 2.3	92	28	2.85	-2.20	7.02	0.0	7	16	7	7	s.
May	69.5	+ 0.4	96	35	1.96	--3.15	5.01	0.0	5	16	9	6	s.
June	78.9	+ 2.0	103	50	4.86	+0.76	9.15	0.0	10	12	11	7	s.
July	82.5	+ 2.3	108	50	5.00	+1.25	12.31	0.0	9	16	9	6	sw.
August	81.5	+ 1.7	104	47	1.78	-1.94	5.98	0.0	5	19	10	2	s.
September	73.8	- 0.4	103	35	2.54	-0.82	7.99	0.0	6	12	10	8	ne.
October	60.8	- 1.6	94	26	3.41	+0.24	6.12	0.0	6	19	4	8	s.
November	46.7	-- 4.7	82	9	1.98	-1 67	4.76	1.0	6	16	4	10	n.
December	39.9	- 2.6	79	- 5	7.86	+3.77	13.57	3.7	12	11	4	16	n.
Annual	62.0	+ 0.7	108	- 5	51.11	+ 2.89	16.51	6.3	95	175	85	106	s.

Climatological Data for Year, 1932

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Amity	Clark	700	32	62.4	103	Aug. 27	2	Dec. 18	37	49.08	10.28	Jan.	0.00	Aug.	8.7	80	106	179	81	n.
Arkadelphia	Clark	250	....	....	....	....	....	....	37	54.35	11.90	Jan.	0.52	Aug.	2.6	119	180	72	114	ne.
Arkansas City	Desha	145	....	....	....	....	....	....	48	62.27	14.41	Jan.	1.63	Oct.	2.0	101	198	32	136	....
Arlberg	Stone	700	....	....	....	....	....	....	10	48.18	8.25	Jan.	1.41	Nov.	3.0	67	163	101	102	ne
Batesville	Independence	277	23	58.4	101	July 16	4	Dec. 18	33	52.95	9.50	Jan.	1.55	Nov	2.0	96	201	31	134	nw.
Bee Branch	Van Buren	700	39	62.2	103	July 22†	7	Dec. 17†	40	51.62	8.64	Jan.	1.08	Aug.	3.0	91	186	68	112	s.
Bentonville	Benton	1303	27	58.3	97	July 17	6	Dec. 12	27	40.08	7.65	Dec.	0.90	May	8.0	99	219	61	86	s.
Big Lake Outlet‡‡	Mississippi	....	....	....	....	....	....	....	2	47.09	8.85	Jan.	1.25	June	T.	67	227	3	136	....
Black Rock	Lawrence	259	....	....	....	....	....	....	31	51.70	9.64	Jan.	1.88	Nov.	1.5	99	233	24	109	s.
Blytheville	Mississippi	252	7	61.8	98	July 14†	9	Dec. 16	7	51.47	9.88	Jan.	0.75	June	1.2	109	119	45	202	s.
Booneville	Logan	465	17	62.8	103	July 23	11	Dec. 17†	18	49.08	7.95	June	1.51	Nov.	0.9	94	154	113	49	w.
Brinkley	Monroe	205	45	62.7	102	Aug. 1†	0	Dec. 18	45	57.38	11.13	Jan.	2.25	Sept.	3.5	98	197	67	102	ne.
Calico Rock	Izard	361	18	59.0	102	July 22	10	Dec. 18	28	44.84	6.97	Dec.	1.59	May	1.8	99	162	212	52	sw.
Camden	Ouachita	158	41	62.7	101	June 19	9	Dec. 18	47	48.16	11.43	Jan.	0.05	Aug.	3.6	112	161	60	145	ne
Carthage	Dallas	....	1	62.4	100	July 13†	9	Dec. 17	27	54.93	10.80	Jan.	0.05	Aug.	4.5	....	191^{e}	65^{e}	105^{e}	....
Center Point	Howard	470	29	65.1	102^{c}	July 15†	11	Mar. 9	33	49.63	9.71	Jan.	0.36	May	6.3	95	175^{d}	101^{d}	86^{d}	se.
Clarendon	Monroe	200	....	....	....	....	....	....	28	53.47	11.03	Jan.	0.93	Aug.	4.7	113	164	46	156	n.
Clinton	Van Buren	516	....	....	....	....	....	....	11	51.14	9.29	Dec.	1.39	Nov.	2.0	76	148	124	94	nw.
Conway	Faulkner	309	36	63.2	102	July 16	6	Dec. 18	49	53.70	9.25	Dec.	0.76	Aug.	2.5	97	218	70	78	e.
Corning	Clay	293	32	61.0	108	July 16	9	Dec. 16†	39	45.07	8.53	Jan.	1.13	May	1.0	78	201	80	85	sw.
Cotter	Baxter	408	....	....	....	....	....	....	5	33.39	5.41	Dec.	0.36	Sept.	5.4	69	226	42	98	nw
Crossett	Ashley	175	9	61.2	101^{h}	July 16†	12^{a}	Dec. 18	20	54.32	16.51	Jan.	0.18	Aug.	3.3	94	139^{p}	81^{p}	130^{p}	s.
Danville	Yell	327	....	....	....	....	....	....	16	52.02	8.42	Jan.	1.00	Aug.	0.3	74	188	31	147	w.
Dardanelle	Yell	330	23	63.2	101	July 16†	4	Dec. 17	46	48.68	8.45	Jan.	0.27	Aug.	4.0	98	115	149	102	n.
De Valls Bluff	Prairie	153	....	....	....	....	....	....	5	51.61	12.07	Jan.	1.16	Aug.	5.2	91	217	29	120	....
Dumas	Desha	162	18	64.3	103	June 19†	10	Dec 18	27	64.35	13.87	Jan.	1.00	Oct.	3.5	107	125	125	116	n.
Dutton	Madison	1590	19	56.8	96	July 15†	3	Dec. 17	29	45.93	8.40	July.	0.85	Aug.	8.9	....	....	....	....	....
El Dorado	Union	270	28	66.0	101	June 19†	16	Dec 17†	32	47.80	12.66	Jan.	0.52	Sept.	T.	114	111	123	132	se.
England	Lonoke	229	19	63.0	100^{a}	July 14†	−1^{b}	Dec. 18	25	53.24	9.52	Jan.	1.65	Aug.	7.5	106	184^{y}	66^{y}	91^{y}	s.
Eureka Springs	Carroll	1465	31	60.1	100	July 17	6	Mar. 9†	32	47.07	7.58	Dec.	0.69	Aug.	5.5	91	175	109	82	sw.
Fayetteville	Washington	1451	41	59.6	100	July 17	8	Mar. 9†	45	45.12	8.64	June	1.31	May	5.2	100	156	138	72	sw.
Fort Smith	Sebastian	457	51	62.6	101	July 16	13	Mar. 9	51	35.78	7.49	June	0.12	Aug.	1.7	103	127	142	97	e.
Freeman Springs‡‡	Pope	2240	....	....	....	....	....	....	8	48.24	7.15	Jan.	0.89	Nov.	5.7	97	219	65	82	sw.
Fulton	Hempstead	260	....	....	....	....	....	....	47	55.09	11.28	Jan.	0.84	May	5.2	84	17[illegible]^{a}	45^{a}	1[illegible]1^{a}	....
Georgetown	White	200	....	....	....	....	....	....	20	53.56	12.16	Jan.	0.98	May	4.5	86	183	39	144	....
Gilbert	Searcy	675	....	....	....	....	....	....	8	42.27	7.53	June	0.97	Nov.	7.5	96	212	92	62	....
Grannis	Polk	900	12	60.6	101	Aug. 3	11	Dec. 19	13	58.93	12.44	Jan.	1.12	Aug.	11.0	120	171	110	85	e.
Gravette	Benton	1250	34	58.7	98	July 16†	0	Dec. 17	35	41.65	8.14	July	0.28	May	6.5	72	155	113	98	sw.
Harrison	Boone	1052	31	59.1	102	July 22	2	Dec. 17†	32	36.93	6.08	Jan.	0.85	Aug.	7.0	85	217	65	51	sw.
Helena	Phillips	250	34	62.6	100	July 15†	10	Dec. 17†	60	57.84	13.31	Jan.	2.08	May	2.0	112	109	105	152	ne.
Higden	Cleburne	445	....	....	....	....	....	....	13	52.93	7.74	Jan.	1.36	Nov.	1.4	102	146	123	97	w.
Highland	Pike	....	3	64.8	102	Sept. 1	12	Dec. 18	13	60.45	11.07	Jan.	0.76	Nov.	8.3	88	128	144	94	s.
Hope	Hempstead	377	26	64.2	102	Aug. 1	8^{a}	Dec. 18	62	52.31	12.50	Jan.	0.10	Aug.	7.0	86	192^{j}	86^{j}	78^{j}	....
Hot Springs	Garland	600	35	64.3	103	June 20	11	Dec. 18	41	53.74	11.86	Jan.	1.05	Nov.	7.5	101	127	165	74	....
Index‡‡	Little River	275	....	....	....	....	....	....	7	42.46	9.13	Jan.	1.01	Sept.	4.4	94	185	15	166	....
Jessieville	Garland	750	....	....	....	....	....	....	6	52.64	13.57	Dec.	0.35	Aug.	6.5	89	149	110	107	....
Jonesboro	Craighead	345	15	62.1	102	July 16	8	Dec. 18	37	50.79	10.32	Jan.	0.76	May	3.1	86	203	90	73	nw.
Lead Hill	Boone	650	5	59.3	101	July 22†	1	Dec. 18	26	36.92	7.46	June	0.81	Aug.	2.2	99	229	52	75	w.
LITTLE ROCK	Pulaski	357	54	63.1	99	July 16	12	Dec. 18	54	52.68	11.38	Jan.	1.25	Nov.	6.0	117	124	98	114	n.
Lutherville‡‡	Johnson	775	34	61.8	100	July 16†	8	Mar. 9	33	54.64	7.48	Jan.	1.25	Nov.	3.7	103	186	64	116	e.
Madison	St. Francis	....	....	....	....	....	....	....	2	65.78	10.66	Jan.	1.73	May	5.5	79	201	4	161	....
Magnolia	Columbia	315	13	65.7	103^{c}	Aug. 1†	14	Dec. 18	16	47.58	11.08	Jan.	0.83	Sept.	3.0	....	108^{k}	169^{k}	78^{k}	....
Malvern	Hot Springs	277	44	63.3	103	July 16	9	Dec. 18	46	55.56	11.84	Jan	1.27	Sept.	6.0	108	225	63	78	s.
Mammoth Spring	Fulton	600	27	59.7	100	July 22	4	Dec. 18	28	36.95	5.58	July	0.90	May	2.0	74	209	91	66	nw.
Marianna	Lee	235	20	63.5	99	June 9	5	Dec. 18	20	49.64	9.96	Jan.	1.52	Apr.	3.3	105	137	129	100	ne.
Marked Tree	Poinsett	229	16	60.6	106	July 16	6	Dec. 18	27	61.97	10.89	Jan.	1.27	May	0.7	106	176	114	76	n.
Marshall	Searcy	1070	17	57.8	98	July 14	−5	Dec. 17	18	53.37	7.98	Dec.	1.52	Nov.	7.4	100	168	75	123	s.
Mena	Polk	1185	40	61.8	100	Aug. 6†	10	Dec. 17	44	57.77	10.83	Jan.	1.27	Aug.	9.0	109	151	106	109	sw.
Morrilton	Conway	347	10	62.0	104	July 16	9	Dec. 18	13	43.81	7.23	Dec.	0.37	Aug.	1.0	81	170	85	111	ne.
Mountain Home	Baxter	800	15	59.8	102	July 22	0	Dec. 17	20	38.84	7.16	June	0.73	Sept.	7.0	73	182	57	127	w.
Mount Ida	Montgomery	650	17	60.4	101	July 15†	2	Dec. 17	33	55.09	10.28	Dec.	1.32	Nov.	12.5	91	182	69	115	w.
Newport	Jackson	231	44	61.8	101	July 16†	6	Dec. 18	49	52.41	9.68	Jan.	1.24	May	2.0	107	175	96	95	n.
Norman	Montgomery	750	....	....	....	....	....	....	4	55.39	10.99	Dec.	1.16	Nov.	10.1	95	174^{a}	75^{a}	116^{a}	....
Oden	Montgomery	800	....	....	....	....	....	....	6	50.05	10.25	Jan.	0.88	Aug.	10.0	99	201	73	92	sw.
Okay	Howard	288	4	64.2	103	Aug. 3†	6	Dec. 18	3	48.40	10.18	Jan.	0.62	Aug.	2.6	96	199	86	90	s.
Osceola	Mississippi	240	29	63.0	105	July 16†	11	Dec 16†	36	57.68	11.23	Jan.	1.16	May	1.2	92	166	100	100	s.
Ozark	Franklin	396	35	61.2	104	Aug. 6	12	Mar. 9†	37	46.64	7.45	Jan.	0.55	Nov.	0.6	94	222	32	112	e.
Paragould	Greene	301	....	....	....	....	....	....	9	52.43	9.24	Jan.	1.21	June	1.5	93	221	65	80	s.
Parkin	Cross	....	....	....	....	....	....	....	2	56.18	11.40	Jan.	0.86	May	2.8	108	167	40	159	....
Patterson	Woodruff	196	....	....	....	....	....	....	16	61.49	13.01	Jan.	1.52	Sept.	3.0	78	224	39	103	n.
Piggott	Clay	307	....	....	....	....	....	....	8	53.85	8.70	Jan.	1.22	May	2.9	96	198	68	100	sw.
Pine Bluff	Jefferson	215	44	64.7	103	Aug. 1	8	Dec. 18	45	56.40	11.64	Jan.	2.30	Apr.	5.9	110	146	143	77	sw.
Pocahontas	Randolph	300	38	60.9	103	July 16†	2	Dec. 18	39	42.45	8.29	Jan.	1.13	May	4.0	81	151	77	138	sw.
Portland	Ashley	122	26	64.4	100	July 14†	14	Dec. 17	26	55.47	14.62	Jan.	0.60	Aug.	2.0	97	121	121	124	n.
Prescott	Nevada	329	43	64.8	101	July 15†	9	Dec. 18	44	58.92	12.46	Jan.	1.01	Aug.	4.5	91	179	82	105	s.
Rison	Cleveland	243	25	65.1	103	July 23†	11	Dec. 16	32	51.93	12.78	Jan.	1.09	Oct.	3.0	....	....	....	....	....
Rogers	Benton	1385	39	59.5	101	July 15†	6	Dec. 17†	41	40.35	8.85	Jan.	0.93	May	7.5	84	199	81	86	sw.
St. Francis	Clay	290	....	....	....	....	....	....	5	56.99	9.29	Jan.	1.22	May	1.2	81	203	72	91	....
Searcy	White	236	19	61.3	101	July 16	0	Dec. 19	22	53.91	10.92	Jan.	0.95	Sept.	2.5	107	236	28	102	ne.
Springbank‡‡	Miller	240	....	....	....	....	....	....	25	44.88	12.81	Jan.	0.76	Aug.	3.5	97	174	27	165	....
Story	Montgomery	700	....	....	....	....	....	....	8	50.70	10.41	Dec.	1.22	Aug.	9.9	89	187	86	93	s.
Stuttgart	Arkansas	228	42	63.4	101	Aug. 1	1	Dec. 18	45	54.15	10.77	Jan.	1.02	Aug.	3.6	102	138	121	107	n.
Subiaco	Logan	1050	35	62.6	103	Aug. 2†	10	Dec. 18	35	48.04	7.44	Jan.	0.99	Nov.	7.5	104	177^{a}	101^{a}	87^{a}	s.
Sunset	Logan	....	1	58.4	95	Aug. 13†	2	Mar. 9	1	44.92	7.71	June	1.46	Aug.	4.7	99	188	115	63	sw.
Texarkana	Miller	332	46	64.7	104	Aug. 3	12	Dec. 18	47	50.69	10.00	Jan.	0.87	Sept.	4.0	77	190	68	108	s.
Thornburg	Perry	650	10	60.6	....	....	−1	Dec 18	12	62.27	12.31	July	1.57	Apr.	4.1	94	163^{d}	109^{d}	90^{d}	s.
Waldron	Scott	675	....	....	....	....	....	....	13	47.99	9.09	Jan.	0.96	Aug.	9.6	88	136	87	141	sw.
Warren	Bradley	206	36	64.7	102	June 21†	10	Dec. 18	38	54.57	14.32	Jan.	0.53	Aug.	1.0	102	188	111	67	se.
Waters	Montgomery	800	....	....	....	....	....	....	8	50.61	10.12	Jan.	1.02	Aug.	10.0	67	159	88	119	sw.
Whitecliffs	Little River	290	....	....	....	....	....	....	28	50.85	10.91	Jan.	0.35	Sept.	5.8	77	148	69	149	e.
Wilson	Mississippi	237	7	61.2	100	June 23	8	Dec. 18	7	58.09	10.43	Jan.	2.13	May	1.1	108	170	91	96	s.
Wynne	Cross	250	20	61.2	100	Aug. 1†	4	Dec. 18	24	52.66	10.16	Jan.	0.84	May	5.0	75	180	94	92	n.
Yancopin	Desha	167	....	....	....	....	....	....	8	52.91	12.48	Jan.	0.51	Aug.	2.3	119	140	64	162	....

The departures from normal temperature and precipitation are computed only for stations having ten or more years record, but all complete reports are used in determining section means. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing: for example ^{b} represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:-Big Lake Outlet, Manilla, Ark., Freeman Springs, Dover' Ark.,Index, Route 5, Texarkana, Ark., Lutherville, R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark.

Monthly and Annual Mean Temperatures for the Year 1932, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	45.6	+2.4	51.3	+6.7	48.0	-6.6	63.8[b]	+2.0	71.0	+1.7	80.2	+3.1	83.3	+2.6	84.0	+3.6	75.4	+0.8	61.0	-2.2	46.6	-5.8	38.6	-4.4	62.4	+0.3
Batesville	42.7	+4.8	47.0	+6.2	43.9	-6.9	60.1	+1.1	65.9	-1.2	77.2	+2.0	80.0	+0.4	79.0	-0.1	70.4	2.2	56.2	-4.4	42.4	-6.8	35.6	-3.6	58.4	-1.0
Bee Branch	45.5[a]	+5.0	53.0[d]	+10.6	47.9[b]	-3.9	63.6	+2.6	69.6	+1.3	79.4	+2.7	83.8	+3.4	82.4	+2.8	74.5	+0.3	61.0	-1.3	43.2	-4.5	39.4	-2.6	62.2	+1.4
Bentonville	41.1	+4.9	48.2	+8.0	42.8	-5.6	61.2	+3.6	66.4	+1.4	75.2	+1.8	79.9	+2.4	78.5	+1.7	70.6	-0.2	56.8	-2.1	43.4	-4.8	36.0	-2.0	58.3	+0.8
Blytheville	46.8	....	51.6	....	48.0	....	63.6	....	70.2	....	79.7	....	82.5	....	80.8	....	72.4	....	60.8	....	46.2	....	39.0	....	61.8	....
Booneville	45.8	+5.6	52.4	+6.4	49.4	-4.3	65.2	+3.0	70.0	0.0	79.2	+1.8	83.0	+1.7	82.8	+0.8	75.0	-0.6	62.0	-1.4	46.2	-4.3	41.2	-2.6	62.8	+0.5
Brinkley	47.1	+5.3	53.0	+9.2	49.9	-3.5	65.0	+3.0	69.8	-0.2	79.6	+1.8	83.1	+2.1	82.0	+1.6	74.0	-0.8	61.6	-0.8	46.7[a]	-5.0	40.3	-3.3	62.7	+0.8
Calico Rock	42.8	+7.0	47.6	+5.8	44.2	-4.1	60.2	+1.0	66.2	-0.6	77.9[d]	+2.1	81.8	+1.9	80.0	+1.0	71.4	-1.0	56.9	-3.5	42.8	-4.2	36.4	-2.7	59.0	+0.2
Camden	47.8	+3.4	52.9	+5.7	49.2	-6.2	64.2	+0.8	70.0	-0.9	80.2	+2.0	82.8	+1.8	82.3	+1.9	74.2	-1.2	60.9	-2.8	47.2	-4.8	40.2	-4.8	62.7	-0.4
Carthage	47.8	....	52.9	....	49.6	....	63.2	....	69.2	....	78.6	....	83.4	....	81.4	....	72.3	....	61.7[f]	....	47.6	....	41.2	....	62.4	....
Center Point	48.8	+4.2	53.9	+8.9	51.6	-4.6	66.2	+3.0	72.2	+1.1	80.8	+2.2	85.2[e]	+3.7	84.8	+2.6	77.8	+0.9	65.1	-0.2	49.5	-4.4	43.0	-1.9	65.1	+1.3
Conway	47.0	+5.3	52.6	+8.6	49.8	-4.0	65.5	+3.5	70.8	+0.9	80.3	+2.2	83.6	+2.0	82.8	+1.4	76.6	-1.6	62.0	-1.2	46.8	-4.9	40.4	-2.1	63.2	+1.1
Corning	44.9	+7.5	49.6	+10.1	47.2	-3.8	63.0	+3.0	69.0	+1.0	79.4	+3.7	83.4	+4.2	80.8	+2.5	72.2	-0.2	59.4	-0.3	45.0	-3.3	38.0	-1.8	61.0	+1.9
Crossett	50.4	....	55.7	....	50.1[a]	....	65.2	....	70.6[c]	....	81.3[a]	....	83.6[b]	....	84.0[d]	....	75.6[f]	....	63.0	....	49.4[b]	....	40.9[a]	....	61.2	....
Dardanelle	47.0	+6.5	52.8	+8.0	50.2	-2.4	66.1	+3.5	71.3	+1.4	79.9	+1.6	83.8	+2.1	83.4	+2.6	75.0	+0.2	61.2	-2.0	47.4	-4.4	46.2	-2.6	63.2	+1.2
Dumas	50.4	+6.8	53.6	+4.5	50.8	-4.8	66.2	+2.7	70.6	-0.6	82.2	+3.2	84.4	+2.6	83.9	+2.8	75.4	-0.5	63.4	-1.4	48.6	-4.8	42.4	-4.2	64.3	+0.5
Dutton	40.9[a]	+5.5	48.0[c]	+8.6	43.1	-3.1	58.6	+2.2	63.0	0.0	72.6	+1.0	78.0	+2.8	73.5	-1.1	70.0	+1.5	55.0	-1.4	43.8	-2.8	35.4	-1.8	56.8	+1.0
El Dorado	51.1	+5.3	57.4	+8.8	53.2	-3.2	67.2	+2.9	72.3	+1.1	82.8	+3.4	85.1	+3.1	84.8	+3.0	77.3	+0.5	65.8	+0.4	51.4	-3.4	44.0	-2.4	66.0	+1.6
England	47.8	+5.4	54.3[b]	+7.1	51.0	-2.6	64.9[b]	+2.1	69.8[a]	-0.2	78.9[c]	+0.7	83.2[a]	+1.9	82.4[b]	+1.8	74.4[f]	-0.6	61.6[d]	-2.2	48.1[a]	-5.0	40.0[b]	-4.0	65.0	+0.3
Eureka Springs	43.5	+5.8	50.8	+10.0	44.8	-5.6	62.8	+3.8	67.6	+1.1	75.7	+1.7	81.0	+3.0	80.5	+2.2	72.0	+0.1	59.2	-1.8	45.4	-5.6	37.6	-2.0	60.1	+1.1
Fayetteville	43.1	+5.3	49.4	+9.4	45.2	-4.4	61.9	+3.4	67.0	+0.7	76.1	+1.9	80.4	+2.4	79.4	+1.4	71.4	-0.8	58.2	-2.6	44.8	-4.6	38.0	-1.6	59.6	+0.9
Fort Smith	44.5	+5.0	51.3	+8.5	48.0	-4.6	65.0	+3.2	70.6	+1.0	79.6	+2.1	84.1	+2.6	84.1	+3.6	75.3	+1.3	61.2	-1.6	47.8	-3.2	40.0	-2.1	62.6	+1.2
Grannis	45.4	+4.8	51.8	+6.2	48.2	-3.5	61.7	+1.2	67.6	+0.6	76.7	+1.7	80.6	+1.8	80.4	+1.2	71.1	+0.6	58.0	-4.2	43.7	-7.3	39.4	-5.4	60.6	-0.2
Gravette	41.4	+5.0	48.1	+9.5	43.6	-2.2	61.4	+4.2	67.0	+1.7	75.0	+1.6	79.8	+2.6	79.4	+2.0	71.4	+0.8	57.4	-2.1	43.7	-5.3	36.6	-1.3	58.7	+1.3
Harrison	42.8	+6.6	49.2	+10.6	44.8	-3.9	61.5	+4.2	66.4	+0.7	75.4	+2.4	81.2	+4.4	79.2	+2.7	72.4	+2.4	58.2[d]	-1.0	42.7	-5.9	35.3	-2.5	59.1	+1.7
Helena	48.2	+5.6	53.7	+8.0	50.0	-3.8	64.2	+1.4	69.8	-1.5	78.8	+0.5	81.5	-0.1	80.9	+0.3	72.8	-2.5	61.8	-1.5	49.0	-3.8	40.8	-3.7	62.6	0.0
Highland	48.4	....	55.0	....	51.2	....	65.6	....	71.4	....	80.5	....	83.6	....	83.7	....	77.8	....	64.4	....	50.6	....	45.2	....	64.8	....
Hope	45.9	+0.7	53.2	+4.9	52.2	-4.8	66.6	+2.7	71.6	+0.5	80.7[a]	+1.9	83.8	+2.4	84.8	+2.6	76.3[e]	-0.2	63.7	-2.1	49.0	-5.4	43.2[a]	-3.8	64.2	-0.1
Hot Springs	48.0	+5.0	51.5	+4.7	50.8	-3.0	65.0	+2.2	72.8	+3.2	82.0	+4.2	84.3	+2.8	84.9	+4.2	77.0[f]	+1.6	64.3	+0.3	49.2	-3.2	41.8	-2.2	64.3	+1.7
Jonesboro	45.8	+5.8	51.4	+9.4	48.7	-3.7	64.6	+3.3	70.6	+1.1	80.0	+2.5	83.4	+3.0	81.4	+1.4	73.3	-1.1	60.4	-2.0	46.8	-4.4	39.4	-1.9	62.1	+1.1
Lead Hill	43.4	+6.1	49.0	+12.0	45.1	-4.1	61.0	+1.2	66.8	-1.0	77.4	+2.5	81.0	+1.6	79.9	+1.3	71.2	-1.0	57.6	-3.0	43.1	-4.9	36.6	-3.2	59.3	+0.6
LITTLE ROCK	48.0	+6.6	53.3	+8.4	49.4	-3.6	65.4	+3.3	70.6	+0.3	79.8	+2.4	83.6	+2.7	82.8	+3.0	71.4	+0.3	61.8	+1.8	47.4	-4.7	40.2	-4.0	63.1	+1.1
Lurton	41.3[a]	....	48.6[b]	....	41.4[a]	....	58.6	....	....	....	....	....	78.9[d]	....	77.6[h]	....	....	....	....	....	....	....	....	....	....	....
Lutherville	44.5	+4.7	51.6	+9.7	47.8	-4.0	63.8	+3.6	69.6	+1.6	77.8	+2.0	82.0	+2.4	82.6	+3.2	74.5	+0.7	61.0	-1.0	47.0	-3.8	39.2	-2.0	61.8	+1.4
Magnolia	50.6	+4.3	57.5	+6.1	52.0[g]	-5.0	66.8	+2.4	71.7	+0.4	82.0	+3.0	85.2	+3.1	84.8[e]	+2.6	77.5	+1.5	64.8	-1.4	50.1[a]	-4.1	45.0	-3.4	65.7	+0.8
Malvern	48.2	+5.4	53.3	+6.2	50.4	-3.6	65.0	+3.3	70.8	+0.9	79.8	+2.0	83.2	+2.1	82.6	+2.5	74.6	0.0	62.5	-0.6	48.1	-3.9	41.6	-1.8	63.3	+1.0
Mammoth Spring	43.2	+6.2	48.8	+9.0	47.2	-2.8	62.3	+3.1	67.0	+2.0	77.2	+3.0	81.2	+3.0	78.8	+1.4	70.4	-1.0	57.9	-1.6	45.1	-3.3	37.0	-2.2	59.7	+1.5
Marianna	49.6	+8.4	51.7	+9.4	50.5	-3.5	64.9	+2.8	70.6	+0.4	80.6	+2.3	82.9	+2.1	81.0	+1.2	73.6	-0.2	61.2	-2.1	49.1	-2.9	42.8	-0.4	63.5	+1.5
Marked Tree	45.2	+6.9	50.4	+6.8	46.2	-4.9	62.6	+1.0	69.5	+0.5	79.6	+1.6	82.2	+1.4	80.0	+1.0	71.8	-1.8	58.0	-3.0	44.6	-4.2	37.0	-4.2	60.6	+0.1
Marshall	48.3	+4.4	48.8	+5.0	45.8	-6.0	61.2	+0.4	64.8	-2.4	73.8	-1.7	78.7	-0.2	76.4	+2.8	67.6	-4.6	56.0	-5.8	41.6	-9.4	35.4	-6.9	57.8	-2.0
Mena	45.0	+3.8	52.0	+8.0	48.6	-3.8	62.7	+2.1	69.8	+0.7	77.5	+1.1	81.2	+1.3	81.8	+2.0	74.0	0.0	61.8	-1.0	47.6	-4.6	39.4	-3.2	61.8	+0.5
Morrillton	46.0	....	51.0	....	47.6	....	64.0	....	69.8	....	79.2	....	83.5	....	83.0	....	74.6	....	60.4	....	46.0	....	38.9	....	62.0	....
Mountain Home	43.8	+7.6	49.6	+7.4	45.6	-5.1	61.4	+2.6	67.6	+1.6	77.0	+2.6	81.4	+3.2	79.6	+2.0	72.0	+0.8	58.5	-1.7	44.2	-3.9	37.5	-2.9	59.8	+1.1
Mount Ida	45.1	+4.7	50.2	+4.2	47.3	-5.3	62.0	+0.6	67.2	-1.0	77.6	+1.8	81.2	+1.6	79.3	-0.1	72.0[h]	-1.1	59.3	-2.1	45.4	-4.9	38.8	-4.0	60.4	-0.5
Newport	46.2	+6.9	51.2	+9.6	48.6	-4.0	64.2	+2.2	70.0	0.0	79.6	+1.8	82.2	+1.0	81.4	+1.4	73.1	-0.9	59.8	-2.1	45.9	-5.1	39.2	-3.0	61.8	+0.7
Okay	49.0	....	55.2	....	49.2[f]	....	65.3	....	72.1	....	80.2	....	84.0	....	83.3	....	76.6	....	63.2	....	48.8	....	43.2	....	64.2	....
Osceola	46.8	+7.2	52.6	+9.8	48.8	-4.7	64.5	+4.1	71.8	+2.6	81.4	+4.1	84.2	+3.8	82.4	+3.4	74.4	+0.6	61.8	-0.2	47.2	-2.8	40.6	-2.3	63.0	+2.1
Ozark	42.6	+2.1	50.2	+7.0	46.8	-6.0	63.4	+1.2	69.8	0.0	78.6	+0.8	82.9	+1.1	83.4	+1.8	74.4	-1.4	59.0	-4.4	45.2	-6.4	33.4	-2.8	61.2	-0.6
Pine Bluff	49.5	+6.2	55.0[b]	+8.8	52.0	-2.8	67.0	+3.6	70.8	-0.6	79.8	+0.6	83.4	+1.0	85.0	+3.3	76.8	+1.9	64.4	+0.2	50.0	-3.0	42.3	-2.6	64.7	+1.4
Pocahontas	44.4	+6.1	50.1	+8.9	47.2	-4.0	62.6	+2.4	69.2	+0.8	78.8	+2.4	82.8	+2.6	80.0	+0.6	72.4	-1.0	60.0	-1.6	45.8	-4.2	37.6	-2.5	60.9	+0.9
Portland	51.2	+4.8	57.6	+8.2	53.4	-3.4	67.0	+2.4	70.8	-0.8	80.4	+1.0	83.4	+1.6	80.6	-0.8	73.4	-3.0	61.2	-3.4	50.2	-3.9	43.9	-3.6	64.4	-0.1
Prescott	48.4	+4.4	55.4	+8.4	52.4	-3.2	66.6	+3.3	72.4	+2.0	81.0	+2.3	84.5	+2.6	83.6	+2.1	76.8	+0.8	61.2	-0.4	50.0	-4.0	42.9	-2.7	64.8	+1.2
Rison	50.1	+5.9	56.3[a]	+9.7	52.6[e]	-2.5	67.0	+3.2	72.7[g]	+1.8	81.1	+2.5	83.9	+2.4	84.2	+2.5	76.0	0.0	64.6	+0.4	48.8	-4.6	44.4	-1.7	65.1	+1.6
Rogers	43.4	+6.6	49.3	+10.3	45.0	-4.2	62.2	+3.8	66.8	+1.0	75.7	+2.4	81.4	+4.3	79.2	+2.0	71.2	+0.2	57.6	-2.0	44.4	-4.4	37.8	-1.0	59.5	+1.6
St. Charles	50.4[c]	....	50.6[g]	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Searcy	46.0	+6.3	50.8	+5.6	48.1	-4.3	63.7	+1.9	69.2	+0.6	78.2	+1.0	82.0	+1.8	80.8	+0.7	73.6	-0.6	59.4	-2.9	45.4	-5.4	38.6	-4.0	61.3	0.0
Stuttgart	48.6	+6.1	54.1	+9.3	51.0	-2.8	65.4	+3.1	70.4	+0.6	79.9	+2.1	83.2	+2.2	82.8	+2.2	74.7	-0.3	61.9	-1.2	48.0	-4.2	40.9	-2.9	63.4	+1.2
Subiaco	44.9[a]	+3.6	51.3	+7.9	48.2[e]	-5.1	65.5	+3.8	71.6	+1.6	80.0	+2.4	84.2	+2.7	83.4	+2.0	75.0	+0.9	60.3	-3.3	46.8	-6.0	40.1	-2.5	62.6	+0.6
Sunset	41.3[c]	....	49.5	....	43.4	....	60.4	....	65.8	....	73.3	....	78.1	....	78.7	....	71.3	....	58.0	....	44.7	....	36.6	....	58.4	....
Texarkana	48.4	+2.4	55.2	+6.8	52.2	-4.3	66.0	+1.8	71.3	-0.3	81.0	+1.8	83.8	+1.4	83.6	+1.4	76.5	-0.3	63.6	-2.2	49.6	-5.6	45.2	-1.6	64.7	+0.1
Thornburg	45.2	....	50.4[a]	....	48.4	....	62.6	....	67.7	....	76.5[c]	....	80.6[e]	....	80.4	....	73.5[f]	....	58.6	....	44.4	....	38.6	....	60.0	....
Warren	49.1	+4.1	56.6	+9.9	51.7[b]	-4.4	67.0	+3.7	72.9	+1.7	82.4	+0.4	84.2	+2.0	83.1	+1.7	74.8	-1.2	63.0	-1.0	49.1	-4.6	42.6	-2.2	64.7	+1.1
Wilson	44.9	....	51.0	....	47.6	....	63.1	....	69.8	....	79.2	....	81.1	....	79.4	....	71.7	....	61.0	....	46.2	....	39.4	....	61.2	....
Wynne	46.4	+6.0	52.6	+7.8	47.3	-4.4	63.4	+1.6	69.2	-0.4	78.4	+0.4	81.2	-0.1	80.0	0.0	72.4	-1.9	59.6	-3.2	44.6	-6.8	38.8	-3.6	61.2	-0.3

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing

COOPERATIVE OBSERVERS

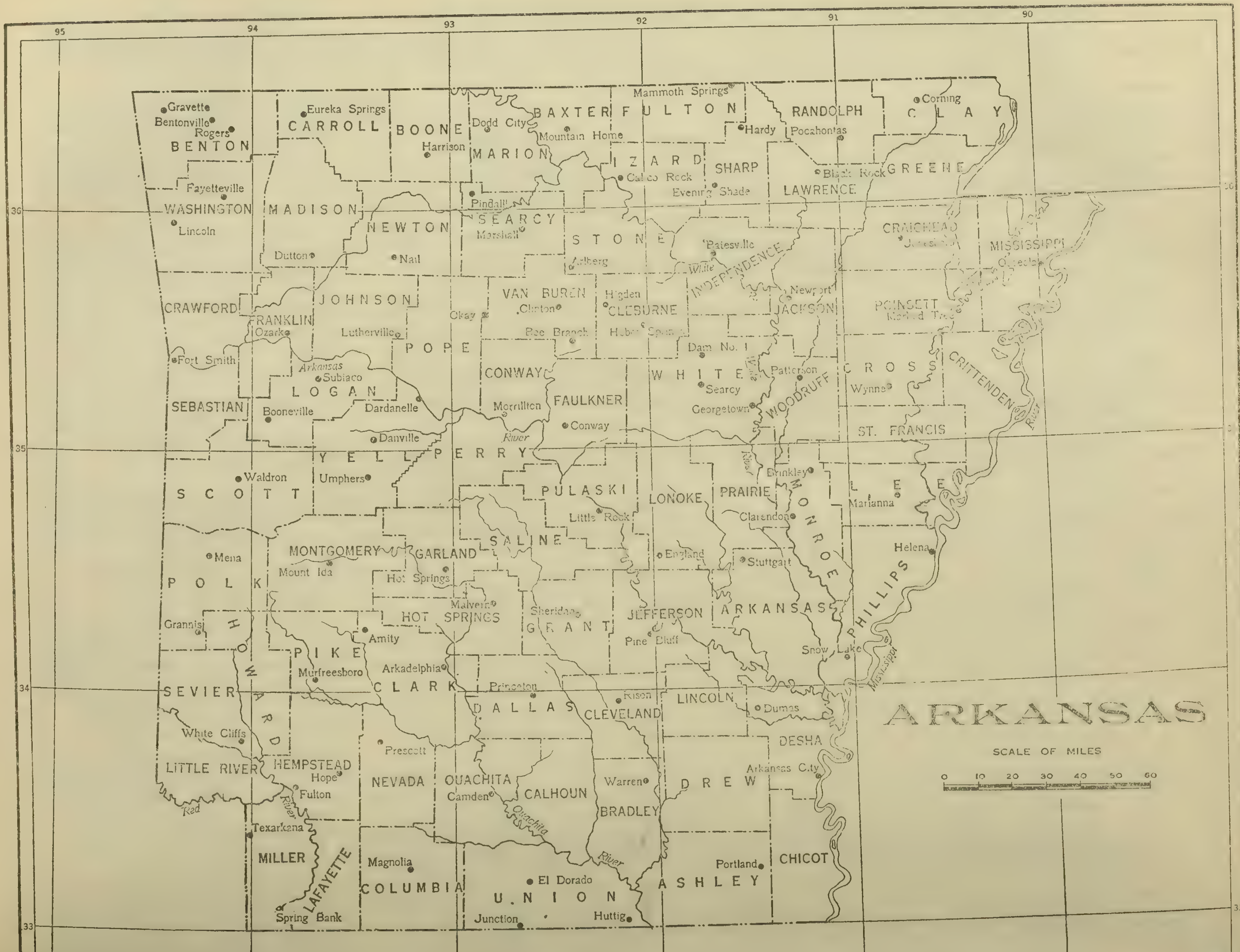
Stations	Observers
Amity	J. W. Campbell
Arkadelphia	W. K. Bown
Arkansas City	Herbert Neff
Arlberg	J. D. Reeves
Batesville	Mrs. Lelia I. Teter
Bee Branch	J. E. Scanlan
Bentonville	U. S. Weather Bureau
Big Lake Outlet	Harry Johnson
Black Rock	Vernon C. Howe
Blytheville	Charles Phillips, Jr.
Booneville	F. H. Randolph
Brinkley	Robt. J. Torry
Calico Rock	W. J. Copp
Camden	Georgia Quarterman
Carthage	H. K. Bell
Center Point	John C. Floyd
Clarendon	J. W. Bishop
Clinton	A. L. Stephens
Conway	E. E. Cordrey
Corning	Winfred D. Polk
Cotter	O. B. McSpadden
Crossett	G. A. Gifford
Danville	C. G. Hudson
Dardanelle	Geo. N. Goodier
De Valls Bluff	H. G. Pate
Dumas	Ben Johnson
Dutton	J. M. Ricketts
El Dorado	J. J. Babb
England	Dr. R. H. Hardin
Eureka Springs	Geo. W. Nichoalds
Fayetteville	University of Ark.
Fort Smith	U. S. Weather Bureau
Freeman Springs	J. R. Mc Cuiston
Fulton	T. J. Logan
Georgetown	W. R. Owens
Gilbert	S. G. Battenfield
Grannis	W. E. McVay
Gravette	A. F. Stevens
Harrison	Louis R. Keck
Helena	James A. Burnett
Higden	George W. Baker
Highland	J. O. Cooley
Hope	N. P. O'Neal
Hot Springs	Geo. C Bolton
Index	H. G. Sanderson
Jessieville	U. S. Forest Service
Jonesboro	Benedictine Sisters
Lead Hill	J. H. Crosswhite
Little Rock	U. S. Weather Bureau
Lurton	I. C. Sutton
Lutherville	H. G. Lenhardt
Madison	J. W. Eppes
Magnolia	State Agr. School
Malvern	Mrs. W. L. Matthews
Mammoth Spring	S. F. Whittaker
Marianna	C. N. Houck
Marked Tree	Chas. Walton
Marshall	A. J. Parks
Mena	E. W. St. John
Morrillton	John Cook
Mountain Home	B. S. Halbert
Mount Ida	G. A. Whittington
Newport	J. D. Henderson
Norman	U. S. Forest Service
Oden	U. S. Forest Service
Okay	Charles R. Jackson
Osceola	Charles H. Hampton
Ozark	Orkney O. Milton
Paragould	W. R. Heagler
Parkin	P. D. Roberts
Patterson	W. E. Baker
Piggott	V. C. Wright
Pine Bluff	Miss Theresa Scheu
Pocahontas	Benedictine Sisters
Portland	W. E. Edmiston
Prescott	Craig Williams
Rison	Mrs. M. V. Tisdale
Rogers	Carl A. Starck
St. Charles	Ballard Deane
St. Francis	S. T. Rooney
Searcy	Arthur D. Smith
Springbank	Miss Grace Field
Story	S. C. Story
Stuttgart	A. F. Buerkle
Subiaco	New Subiaco Abbey
Sunset	Walter James
Texarkana	H. S. Brashear
Thornburg	Edward E. Holmes
Waldron	Dr. Cheves Bevill
Warren	Miss Evelyn Hoyle
Waters	J. R. Huddleston
Whitecliffs	Charles Huff
Wilson	D. O. Anderson
Wynne	R. T. Cobbs
Yancopin	W. E. Barton

Monthly and Annual Precipitation for the Year 1932, with Departures from the Normal

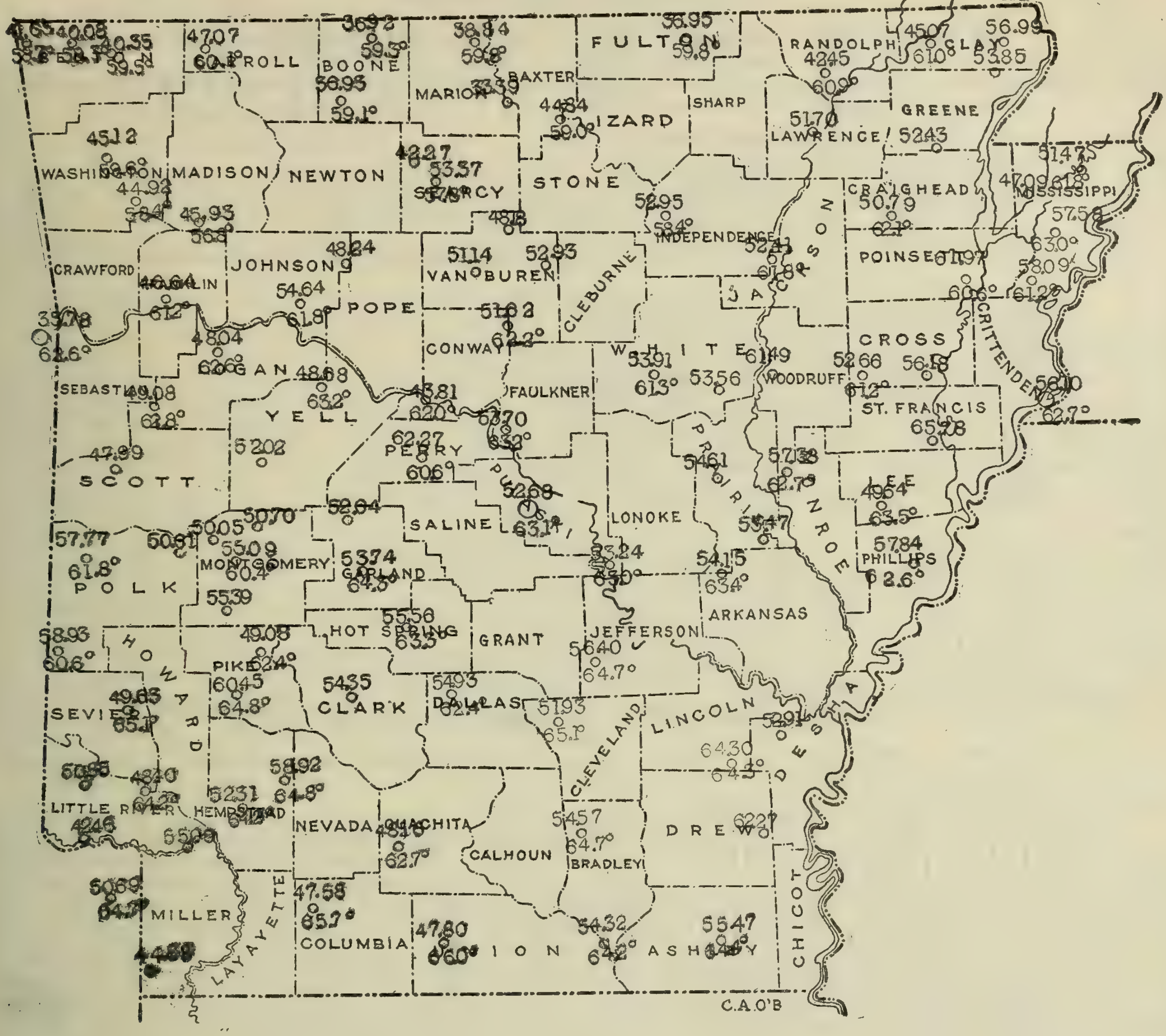
Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annua	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
mity	10.28	+5.73	4.91	+1.36	5.31	+0.45	3.89	-1.36	1.85	-3.34	4.24	-0.66	4.88	+1.33	0.00	-3.98	3.01	-0.09	2.46	-0.80	1.20	-2.49	7.05	+3.00	49.08	-0.85
rkadelphia	11.90	+7.46	5.92	+2.24	7.33	+2.53	3.60	-1.54	2.09	-3.47	5.10	+0.31	5.26	+1.43	0.52	-3.54	0.55	-2.44	4.12	+1.00	1.66	-2.03	6.30	+1.42	54.35	+3.37
rkansas City	14.41	+9.90	5.91	+1.54	4.90	-0.52	5.40	+0.49	1.81	-2.86	3.61	-0.25	2.58	-1.04	1.83	-1.95	5.04	+2.18	1.63	-0.74	2.95	-0.94	12.23	+7.23	62.27	+13.04
riberg	8.25	.....	4.17	..	4.35	.....	2.12	.....	2.41	.....	6.59	.....	3.09	.....	1.47	.....	1.82	.....	6.12	.....	1.41	.....	6.38	.....	48.18	.....
atesville	9.50	+4.97	3.86	+0.57	4.04	-0.15	3.14	-1.86	2.07	-2.93	5.21	+1.20	3.51	+0.25	1.81	-2.62	4.09	+0.40	5.65	+2.39	1.55	-1.94	8.52	+4.83	52.95	+5.11
ee Branch	8.64	+4.25	4.43	+1.40	4.23	-0.45	2.71	-2.15	2.52	-2.61	5.22	+0.94	7.79	+4.38	1.08	-2.86	2.03	-1.19	3.81	+0.49	1.61	1.87	7.52	+3.64	51.62	+3.97
entonville	6.53	+3.79	1.72	-0.43	2.07	-1.50	2.09	-2.77	0.90	-4.03	5.28	-0.04	5.47	+1.77	1.02	-3.16	2.04	-1.74	3.08	-0.42	2.23	-0.91	7.65	+5.28	40.08	-4.16
ig Lake Outlet‡‡	8.85	.....	3.49	.....	5.75	.....	3.30	.....	1.80	.....	1.25	.....	2.90	.....	1.85	.....	6.50	.....	2.20	.....	2.10	.....	7.10	.....	47.09	.....
lack Rock	9.64	+5.09	4.34	+1.30	3.64	-0.51	3.44	-2.12	2.34	-2.83	2.63	-1.25	5.79	+2.14	4.60	+0.19	1.89	-1.83	3.10	-0.24	1.88	-2.28	8.41	+4.69	51.70	+2.35
lytheville	9.88	.....	4.38	..	5.27	.....	3.43	.....	0.98	.....	0.75	.....	2.78	.....	3.17	.....	7.99	.....	3.23	.....	2.56	.....	7.05	.....	51.47	.....
ooneville	7.79	+3.45	5.00	+2.88	3.96	+0.64	1.87	-3.30	4.13	-1.23	7.95	+3.54	4.37	+1.02	1.98	-1.34	2.07	-1.30	3.15	-0.53	1.51	-2.03	5.30	+2.13	49.08	+3.93
rinkley	11.13	+6.03	6.23	+2.23	5.98	+0.34	2.49	-3.07	2.54	-2.65	4.12	+0.55	6.90	+3.07	2.31	-1.21	2.25	-1.23	2.91	-0.19	3.07	-1.12	7.65	+2.79	57.38	+5.54
alico Rock	5.67	+2.03	3.33	+0.86	3.35	-0.04	2.19	-2.74	1.59	-3.13	3.53	-0.52	6.20	+2.76	3.39	-1.57	2.31	-1.27	4.41	+1.24	1.90	-1.12	6.97	+3.75	44.84	+0.25
amden	11.43	+6.50	5.26	+1.38	4.57	-0.20	1.68	-3.22	0.92	-3.68	5.71	+1.40	4.10	+0.31	0.05	-3.04	0.85	-2.46	1.31	-1.59	2.40	-1.74	9.55	+1.87	48.16	-1.47
arthage	10.89	+5.93	6.80	+3.25	4.53	-0.53	1.87	-3.19	1.72	-3.35	8.29	+4.32	6.57	+2.51	0.05	-2.73	2.23	-1.11	3.18	0.00	1.09	-2.64	*7.80*	+2.73	54.93	+5.19
enter Point	9.71	+5.64	4.17	+0.80	4.19	-0.48	2.96	-2.29	0.36	-5.94	9.15	+4.96	4.54	+0.82	0.90	-1.94	1.03	-2.48	2.31	-0.95	0.93	-2.62	9.38	+5.00	49.63	+0.52
larendon	11.03	+6.51	5.94	+2.12	4.97	-0.11	3.66	-2.43	1.98	-2.97	5.26	+1.71	4.67	+1.69	0.93	-3.21	1.72	-1.97	2.80	-0.57	3.09	-0.82	7.42	+2.42	53.47	+2.37
linton	8.95	+4.91	3.89	+0.56	3.37	-1.58	2.80	-2.50	3.41	-2.14	5.42	+1.87	2.04	-0.33	1.75	-2.87	3.48	-0.24	5.35	+0.87	1.39	-3.24	9.29	+4.99	51.14	+0.30
onway	6.68	+2.32	5.10	+1.51	5.76	+1.24	2.43	-2.43	1.76	-3.31	4.73	+0.74	8.60	+5.23	0.76	-2.69	1.51	-1.90	5.26	+2.39	1.86	-2.07	9.25	+5.19	53.70	+6.22
orning	8.53	+4.21	3.24	-0.16	4.09	-0.51	3.46	-1.78	1.13	-3.43	2.10	-2.11	3.12	-0.34	2.81	-0.87	2.85	-0.85	3.51	+0.15	2.28	-1.30	7.95	+4.34	45.07	-2.65
otter	4.69	.....	2.52	.....	2.26	.....	0.71	.....	2.64	.....	4.99	.....	3.45	.....	1.22	.....	0.36	.....	4.13	.....	1.01	.....	5.41	.....	33.39	.....
Crossett	16.51	+11.35	6.46	+3.42	3.65	-1.40	3.65	-1.17	1.09	-3.43	1.28	-3.46	2.66	-1.69	0.81	-3.47	2.42	-0.13	2.45	-1.79	2.76	-1.50	11.21	+6.99	54.32	+3.72
Danville	8.42	+4.29	5.31	+2.92	4.75	+0.97	1.52	-3.79	5.01	+0.19	6.02	+1.57	3.57	+0.41	1.00	-2.43	3.11	-0.46	3.64	-0.79	1.65	-1.59	8.02	+4.72	52.02	+6.01
Dardanelle	8.45	+4.99	4.89	+1.93	4.87	+0.61	1.65	-2.62	2.92	-2.49	6.26	+2.56	2.44	-0.93	0.27	-3.39	3.17	-0.26	4.03	+1.02	1.51	-1.97	8.19	+4.90	48.68	+4.35
De Valls Bluff	12.07	.....	6.46	.....	5.93	.....	2.12	.....	1.79	.....	4.69	.....	5.16	.....	1.16	.....	1.66	.....	3.73	.....	2.84	.....	7.00	.....	54.61	.....
Dumas	13.87	+8.88	6.21	+2.12	3.41	-2.44	4.41	-0.34	2.09	-3.20	5.99	+2.20	6.74	+3.14	1.92	-1.55	3.21	-0.13	1.00	-2.43	4.76	+0.70	10.69	+5.06	64.30	+12.01
Dutton	3.35	-0.83	4.20	+1.45	3.11	-0.82	2.05	-4.08	1.28	-5.01	4.65	-0.91	8.40	+4.19	0.85	-3.27	3.50	-1.88	*5.08*	+1.27	2.35	-1.12	7.11	+3.43	45.93	-7.08
El Dorado	12.66	+8.54	6.13	+2.08	3.87	-1.18	3.67	-1.94	1.10	-3.80	1.41	-2.48	3.34	-0.60	0.84	-2.47	0.52	-2.51	1.13	-2.11	3.14	-1.15	9.99	+4.38	47.80	-3.24
England	9.52	+4.89	5.63	+1.76	4.79	-0.02	1.85	-4.24	2.79	-1.55	5.50	+1.71	5.54	+2.89	1.65	-2.37	1.82	-1.71	3.31	+0.04	2.01	-1.69	8.83	+4.07	53.24	+3.78
Eureka Springs	7.41	+4.21	1.58	-0.96	2.86	-0.88	3.50	-1.61	1.34	-4.43	7.51	+1.76	3.47	-0.67	0.69	-4.17	4.61	+0.26	3.74	+0.19	2.75	-0.32	7.58	+4.75	47.07	-1.87
Fayetteville	7.89	+5.03	2.23	-0.09	2.82	-0.79	2.27	-2.36	1.34	-4.13	8.64	+4.12	3.89	-0.26	1.42	-2.69	1.79	-1.87	4.06	+0.65	2.00	-1.03	6.77	+3.97	45.12	+0.55
Fort Smith	5.96	+3.42	2.66	+0.02	2.88	-0.13	1.77	-2.17	2.62	-2.20	7.49	+3.77	1.67	-1.70	0.12	-3.16	0.75	-2.24	4.30	+1.31	0.48	-2.39	5.08	+2.32	35.78	-3.15
Freeman Springs‡‡	7.15	.....	3.43	.....	3.40	.....	2.95	.....	4.66	.....	5.68	.....	5.57	.....	0.95	.....	2.31	.....	5.27	.....	0.89	.....	5.98	.....	48.24	.....
Fulton	11.28	+6.93	6.34	+3.29	6.10	+1.62	2.70	-1.84	0.84	-3.77	7.14	+3.31	5.77	+2.45	1.04	-1.68	1.82	-0.75	3.31	+0.71	1.64	-1.92	7.11	+3.46	55.09	+10.81
Georgetown	12.16	+6.78	4.64	+1.25	6.10	+1.07	1.49	-4.25	0.98	-3.75	6.44	+2.12	4.80	+2.11	2.59	-1.24	1.47	-2.47	3.18	-0.56	2.08	-1.89	7.63	+3.39	53.56	+3.06
Gilbert	5.51	.....	2.45	.....	2.73	.....	1.78	.....	2.43	.....	7.53	.....	4.41	.....	1.44	.....	3.00	.....	4.25	.....	0.97	.....	5.76	.....	42.27	.....
Grannis	12.44	+7.56	5.67	+1.75	4.50	+0.26	5.73	-0.72	2.62	-3.79	4.65	-0.24	6.70	+2.63	1.12	-2.22	1.23	-3.08	2.94	-2.05	1.43	-3.41	9.90	+5.70	58.93	+2.39
Gravette	6.65	+3.93	1.14	-0.73	1.79	-2.00	3.23	-1.37	0.28	-5.28	4.01	-1.63	8.14	+4.03	0.67	-3.41	2.35	-1.47	4.42	+0.91	2.53	-0.58	6.53	+4.19	41.65	-3.41
Harrison	6.03	+2.97	1.92	-0.60	1.63	-1.54	1.92	-3.01	2.55	-2.68	4.89	+0.69	3.30	-0.73	0.85	-2.95	2.34	-1.76	5.47	+2.31	1.67	-1.06	4.36	+1.75	36.93	-6.61
Helena	13.31	+7.97	7.35	+2.86	4.20	-1.97	2.26	-3.47	2.08	-2.62	2.67	-1.22	4.54	+0.78	2.45	-1.24	4.97	+1.56	3.01	+0.28	3.45	-1.11	7.51	+2.55	57.84	+3.37
Higden	7.74	+3.09	3.85	+1.22	3.56	-1.37	2.86	-3.17	1.67	-4.63	7.05	+2.85	6.19	+3.33	1.75	-3.05	3.79	-0.07	5.31	+0.77	1.36	-2.68	7.70	+3.85	52.93	+0.14
Highland	11.07	+6.92	4.62	+1.56	6.49	+2.13	3.96	-1.63	1.93	-2.18	6.92	+2.85	10.70	+8.23	1.67	-1.78	1.00	-2.20	2.75	-1.35	0.76	-2.95	8.58	+5.26	60.45	+14.86
Hope	12.50	+7.53	7.52	+3.53	*6.17*	+1.07	3.68	-1.70	2.40	-2.85	4.26	+0.48	4.54	+0.22	0.10	-3.27	0.30	-2.90	3.42	+0.04	1.40	-3.04	6.02	+1.61	52.31	+0.72
Hot Springs	11.86	+6.97	5.20	+1.57	5.66	+0.73	2.46	-3.56	1.20	-4.79	3.00	-1.59	8.59	+4.38	1.27	-2.47	1.64	-1.83	2.53	-0.75	1.05	-3.10	9.28	+4.89	53.74	+0.45
Index‡‡	9.13	.....	5.22	.....	5.27	.....	2.32	.....	1.54	.....	1.58	.....	4.85	.....	1.09	.....	1.01	.....	2.66	.....	1.80	.....	5.99	.....	42.46	.....
Jessieville	6.89	.....	4.72	.....	3.76	.....	1.79	.....	3.79	.....	1.84	.....	9.69	.....	0.85	.....	1.16	.....	2.13	.....	2.95	.....	13.57	.....	52.64	.....
Jonesboro	10.32	+5.27	3.22	-0.43	4.65	-0.02	3.05	-1.77	0.76	-3.50	3.07	-0.86	3.96	+0.73	4.15	+0.60	3.13	-0.27	5.23	+1.87	1.20	-2.18	8.05	+3.58	50.79	+3.02
Junction	11.65	+7.75	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Lead Hill	6.07	+3.17	1.44	-1.90	2.19	-1.90	2.02	-2.19	1.44	-4.21	7.46	+2.67	3.16	-1.12	0.81	-3.31	0.94	-2.70	5.37	+1.94	2.05	-1.49	3.97	+0.84	36.92	-10.20
LITTLE ROCK	11.38	+6.65	4.81	+0.81	5.23	+0.61	1.70	-3.49	3.23	-1.55	3.70	-0.06	7.76	+4.26	1.25	-2.50	2.65	-0.52	3.34	+0.63	1.23	-2.96	6.40	+2.26	52.68	+4.14
Lurton	*7.39*	.....	4.24	.....	3.85	.....	2.62	.....	3.70	.....	8.62	.....	7.77	.....	1.05	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Lutherville‡‡	7.48	+3.62	4.76	+1.76	4.30	+0.43	6.96	+2.06	3.58	-1.57	7.06	+2.69	3.48	-0.21	1.32	-2.71	2.43	-1.61	4.58	+0.62	1.25	-2.23	7.44	+3.54	54.64	+6.39
Madison	10.66	.....	7.05	.....	6.60	.....	3.77	.....	1.73	.....	4.65	.....	9.16	.....	5.32	.....	3.40	.....	2.71	.....	2.96	.....	7.77	.....	65.78	.....
Magnolia	11.08	+5.58	5.63	+2.15	5.28	+0.58	2.63	-2.24	1.82	-3.26	2.69	-0.81	3.90	+0.46	0.96	-2.00	0.83	-1.48	1.59	-1.96	1.73	-2.50	9.44	+4.63	47.58	-0.85
Malvern	11.81	+6.24	5.61	+2.04	5.56	+0.55	2.30	-2.88	2.07	-2.72	6.68	+2.52	5.75	+2.23	1.51	-1.95	1.27	-1.92	3.96	+1.02	1.86	-2.50	7.15	+2.35	55.56	+4.98
Mammoth Spring	4.93	+1.10	2.54	-0.18	2.41	-0.68	3.00	-2.39	0.90	-3.69	2.80	-1.67	5.58	+2.17	1.47	-2.89	2.07	-1.74	4.68	+1.35	1.62	-1.74	4.95	+1.67	36.95	-8.69
Marianna	9.96	+5.37	6.01	+2.25	4.07	-0.96	1.52	-2.98	2.22	-2.33	2.85	-1.17	2.40	-0.65	3.25	+0.32	3.64	+0.76	3.39	-0.18	2.78	-0.44	7.55	+3.30	49.64	+3.29
Marked Tree	10.89	+5.36	3.79	+0.21	6.56	+1.67	7.02	+1.50	1.27	-3.91	3.39	+0.11	6.47	+3.38	4.55	+0.84	4.62	+1.77	3.22	-1.06	2.88	-1.33	7.31	+2.89	61.97	+11.43
Marshall	4.85	+1.05	3.11	+0.84	3.40	-0.57	2.01	-5.14	3.20	-3.65	3.99	-1.03	5.33	+1.55	5.98	+0.77	7.28	+2.92	4.72	+0.43	1.52	-2.18	7.98	+4.27	53.37	-0.80
Mena	10.83	+6.96	6.77	+3.62	3.55	-1.10	2.99	-2.82	3.09	-3.31	8.47	+3.59	3.12	-0.91	1.27	-3.07	1.83	-1.96	3.69	-0.03	3.26	-0.22	8.90	+5.05	57.77	+5.80
Morrillton	6.81	.....	5.06	.....	4.24	.....	1.36	.....	2.54	.....	3.99	.....	4.01	.....	0.37	.....	2.02	.....	4.74	.....	1.44	.....	7.23	.....	43.81	.....
Mountain Home	4.40	+1.22	2.60	+0.24	2.20	-1.42	2.32	-2.75	1.65	-4.03	7.16	+2.38	2.49	-1.93	3.60	-0.39	0.73	-3.61	4.02	-0.35	1.10	-1.93	6.57	+3.00	38.84	-9.57
Mount Ida	9.74	+5.39	5.91	+1.97	5.31	+0.91	2.95	-2.95	1.86	-4.03	4.84	+0.42	3.94	+0.37	2.52	-0.84	1.98	-1.60	4.44	+0.60	1.32	-2.78	10.28	+6.26	55.09	+3.72
Newport	9.68	+4.69	3.49	+0.01	5.26	+0.51	2.87	-2.17	1.24	-3.11	2.92	-0.98	5.89	+2.83	2.49	-0.99	3.42	-0.19	4.56	+1.68	2.28	-1.91	8.31	+4.45	52.41	+4.82
Norman	9.75	.....	6.14	.....	3.85	.....	2.24	.....	1.66	.....	5.54	.....	6.73	.....	1.20	.....	2.42	.....	3.71	.....	1.16	.....	10.99	.....	55.39	.....
Oden	10.25	.....	6.06	.....	3.99	.....	2.33	.....	1.77	.....	4.84	.....	3.75	.....	0.88	.....	1.46	.....	3.58	.....	2.04	.....	9.10	.....	50.05	.....
Okay	10.18	.....	5.14	.....	6.93	.....	3.10	.....	1.11	.....	4.86	.....	4.33	.....	0.62	.....	0.68	.....	2.32	.....	1.02	.....	8.11	.....	48.40	.....
Osceola	11.23	+6.40	*3.67*	+0.13	6.35	+1.26	5.85	+0.89	1.10	-4.05	2.26	-1.12	4.59	+1.12	4.92	+1.70	4.64	+1.80	3.39	+0.59	3.37	-1.01	6.65	+2.33	57.58	+10.04
Ozark	7.45	+4.66	5.57	+3.09	2.75	-1.22	2.90	-1.77	3.62	-1.87	7.36	+2.86	3.34	-0.06	2.60	-1.28	1.33	-1.95	4.49	+1.27	0.55	-2.64	4.68	+1.19	46.64	+2.28
Paragould	9.24	.....	3.30	.....	4.60	.....	4.24	.....	1.48	.....	1.21	.....	6.83	.....	3.20	.....	3.79	.....	4.04	.....	1.70	.....	8.80	.....	52.43	.....
Parkin	11.40		4.99	.....	5.58	.....	3.63	.....	0.86	.....	4.65	.....	5.07	.....	2.09	.....	4.26	.....	3.32	.....	2.96	.....	7.37	.....	56.18	.....
Patterson	13.01	+7.80	4.79	+1.43	6.55	+1.07	2.49	-3.58	2.04	-2.88	8.22	+3.31	6.28	+3.21	1.62	-1.40	1.52	-1.37	3.78	-0.08	2.00	-2.42	9.19	+5.05	61.49	+10.14
Piggott	8.70	..	2.95	.....	4.03	.....	3.93	.....	1.22	.....	2.72	.....	5.93	.....	5.50	.....	5.21	.....	3.07	.....	2.40	.....	8.19	.....	53.85	.....
Pine Bluff	11.64	+6.48	6.29	+2.43	5.38	+0.07	2.30	-3.21	2.66	-2.04	4.42	+0.50	3.86	+0.42	2.72	-0.43	2.75	-0.81	2.80	-0.11	2.32	-1.80	9.26	+4.19	56.40	+5.69
Pocahontas	8.29	+3.83	3.16	-0.17	3.35	-1.23	3.05	-1.93	1.13	-3.72	1.69	-1.71	2.79	-1.41	3.06	-1.63	2.82	-0.75	3.04	-0.27	1.80	-1.77	8.27	+4.57	42.45	-6.19
Portland	14.62	+10.36	5.64	+1.44	3.79	-1.44	3.27	-1.96	2.02	-3.78	2.23	-1.17	3.06	-0.78	0.60	-2.76	3.09	+0.38	1.69	-1.21	3.43	-0.72	12.03	+6.44	55.47	+4.80
Prescott	12.46	+7.95	8.14	+4.65	6.34	+1.88	4.20	-0.96	1.19	-3.84	7.62	+3.82	4.97	+1.76	1.01	-2.27	2.02	-1.07	3.06	+0.40	1.36	-2.09	6.55	+2.19	58.92	+12.42
Rison	12.78	+7.45	6.78	+3.37	*4.53*	-0.89	*1.52*	-3.18	1.86	-2.15	4.79	+1.03	3.54	+0.27	1.30	-1.80	3.04	-0.29	1.09	-2.08	2.40	-1.12	8.30	+4.22	51.93	+4.83
Rogers	8.88	+6.30	1.28	-0.61	2.93	-0.45	1.79	-2.85	0.93	-4.46	3.98	-0.91	6.19	+2.11	2.52	-1.23	2.30	-1.49	3.14	+0.04	1.51	-1.43	4.90	+2.48	40.35	-2.50
St. Charles	13.11	.....	4.91	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
St. Francis	9.29	.....	4.03	.....	4.29	.....	3.54	.....	1.22	.....	4.63	.....	4.83	.....	5.94	.....	5.44	.....	2.93	.....	2.90	.....	7.95	.....	56.99	.....
Searcy	10.92	+6.31	4.55	+1.32	6.06	+1.78	1.89	-3.34	1.74	-2.80	6.97	+3.01	4.86	+2.39	2.23	-1.48	0.95	-2.06	4.61	+1.55	1.90	-2.45	7.23	+3.12	53.91	+7.35
Springbank‡‡	12.81	+8.60	5.10	+1.56	4.55	-0.08	2.01	-4.23	1.00	-3.67	2.74	-1.06	2.81	-0.84	0.76	-2.65	2.18	-0.71	0.91	-2.25	2.17	-1.46	7.84	+2.86	44.88	-3.93
Story	8.06	.....	6.34	.....	5.31	.....	1.99	.....	1.71	.....	2.51	.....	5.95	.....	1.22	.....	1.51	.....	3.86	.....	1.83	.....	10.41	.....	50.70	.....
Stuttgart	10.77	+5.74	5.29	+1.37	5.09	-0.37	4.00	-1.19	3.43	-1.37	4.47	+0.53	4.75	+1.13	1.02	-2.51	2.60	-0.74	2.26	-0.94	2.25	-1.80	8.22	+3.45	54.15	+3.30
Subiaco	7.44	+3.99	4.80	+2.09	4.32	+0.54	1.47	-3.25	2.66	-2.77	4.77	+0.71	2.63	-0.68	1.27	-2.32	6.72	+3.31	4.41	+0.98	0.99	-2.06	6.56	+3.45	48.01	+3.99
Sunset	5.98	..	2.91	.....	2.72	.....	1.64	.....	2.36	.....	7.71	.....	4.12	.....	1.46	.....	2.49	.....	5.79	.....	1.96	.....	5.78	.....	44.92	.....
Texarkana	10.00	+6.35	6.13	+2.97	6.41	+2.24	2.68	-2.37	0.89	-3.58	3.92	+0.36	6.23	+2.81	1.12	-1.95	0.87	-2.04	2.30	-0.83	1.42	-1.86	8.72	+4.97	50.69	+7.07
Thornburg	8.80	+4.28	5.46	+1.60	5.73	+1.50	1.57	-4.14	1.99	-3.73	6.58	+1.47	12.31	+8.12	2.06	-1.66	2.50	-1.02	3.59	-0.39	1.88	-1.48	*9.80*	+6.01	62.27	+10.56
Waldron	9.09	+5.13	5.22	+2.17	3.31	-0.42	2.99	-3.09	3.60	-1.88	6.56	+2.31	3.95	+0.51	0.96	-1.66	1.50	-1.87	3.33	-1.16	1.78	-2.06	5.70	+2.16	47.99	+0.14
Warren	14.32	+9.72	6.30	+2.18	3.95	-1.47	1.80	-3.55	2.00	-2.70	2.24	-1.55	6.70	+3.36	0.53	-3.06	1.46	-2.52	1.40	-2.21	3.80	-0.14	10.07	+4.85	54.57	+2.91
Waters	10.18	.....	6.63	.....	4.06	.....	2.60	.....	1.73	.....	5.54	.....	4.14	.....	1.02	.....	1.10	.....	3.51	.....	1.59	.....	8.45	.....	50.61	.....
Whitecliffs	10.19	+7.18	4.45	+1.28	6.41	+2.18	2.86	-2.79	1.05	-3.73	7.02	+3.62	3.85	+1.44	2.61	-0.14	0.35	-2.23	2.32	-0.96	1.14	-1.77	7.88	+3.77	50.85	+7.85
Wilson	10.43	.....	4.16	.....	4.75	.....	5.93	.....	2.13	.....	5.14	.....	4.49	.....	3.39	.....	5.64	.....	2.58	.....	2.81	.....	*6.64*	.....	58.09	.....
Wynne	10.16	+5.07	5.89	+2.39	5.91	+0.73	2.95	-3.10	0.84	-3.96	2.72	-1.09	6.82	+3.43	2.43	-1.51	3.55	-0.05	2.58	-1.42	1.78	-2.05	7.03	+2.28	52.66	+0.72
Yancopin	12.48	.....	5.77	.....	3.96	.....	2.83	.....	1.32	.....	4.29	.....	3.11	.....	0.51	.....	3.41	.....	1.13	.....	3.55	.....	10.55	.....	52.91	.....

Departures from the normal precipitation are based on records of ten or more years.

Normals for Princeton used at Carthage, 8 miles northeast. Data in *Italics* determined from surrounding stations


ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
95
94
93
92
91
90
36
35
34
33
L.S.
BENTON
Gravette
Bentonville
Rogers
CARROLL
Eureka Springs
BOONE
Harrison
MARION
Dodd City
BAXTER
Mountain Home
FULTON
Mammoth Springs
RANDOLPH
Hardy
Pocahontas
CLAY
Corning
GREENE
IZARD
Calico Rock
SHARP
Evening Shade
LAWRENCE
Black Rock
WASHINGTON
Fayetteville
Lincoln
MADISON
Dutton
NEWTON
Nail
SEARCY
Pindall
Marshall
STONE
Arlberg
INDEPENDENCE
Batesville
White
JACKSON
Newport
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
POINSETT
Marked Tree
CRAWFORD
FRANKLIN
Ozark
JOHNSON
Lutherville
POPE
Okay
VAN BUREN
Clinton
Bee Branch
CLEBURNE
Higden
Heber Springs
WHITE
Dam No. 1
Searcy
Georgetown
WOODRUFF
Patterson
CROSS
Wynne
CRITTENDEN
River
Fort Smith
SEBASTIAN
LOGAN
Arkansas
Subiaco
Booneville
Dardanelle
CONWAY
Morrilton
FAULKNER
Conway
ST. FRANCIS
YELL
Danville
River
PERRY
SCOTT
Waldron
Umphers
PULASKI
Little Rock
LONOKE
PRAIRIE
Brinkley
River
MONROE
Clarendon
LEE
Marianna
POLK
Mena
MONTGOMERY
Mount Ida
GARLAND
Hot Springs
SALINE
England
Stuttgart
Helena
PHILLIPS
HOT SPRINGS
Malvern
GRANT
Sheridan
JEFFERSON
Pine Bluff
ARKANSAS
Snow Lake
Mississippi
Grannis
HOWARD
PIKE
Amity
Murfreesboro
CLARK
Arkadelphia
SEVIER
White Cliffs
DALLAS
Princeton
CLEVELAND
Rison
LINCOLN
Dumas
DESHA
Arkansas City
LITTLE RIVER
Red
HEMPSTEAD
Hope
Fulton
River
Prescott
NEVADA
OUACHITA
Camden
Ouachita
CALHOUN
BRADLEY
Warren
DREW
Texarkana
MILLER
LAFAYETTE
Spring Bank
COLUMBIA
Magnolia
UNION
El Dorado
Junction
Huttig
River
ASHLEY
Portland
CHICOT

Mean Annual Temperature and Total Precipitation



MISCELLANEOUS PHENOMENA, 1932

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Excessive rain			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Days with	Damage	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January	...	....	....	....	....	77	13	67	14	4	14	...	....	......	......	....	......	.....	......	......	....	......	......	....	.....	....
February	....	....	....	....	... .	81	12	44	9	6	2	....	....	2	1	$ 3,000	......	.....	......	......	....	......	... .	....	.....	....
March	4	3	....	....	....	119	14	8	4	25	9	....	....	12	3	$ 17,575	2	1	0	5	$ 58,500	......	.....	....	.....	....
April	3	2	....	....	....	180	17	9	1	....	....	....	...	1	1	$ 300	1	1	0	0	$ 35,000	......	.....	....	.....	....
May	5	3	5	3	$ 35,000	190	17	2	1	....	....	....	....	2	2	$ 6,000	......	.....	......	......	....	......	.....	....	.....	$ 5,500
June	3	2	2	2	$ 600	504	28	6	6	....	....	....	....	......	......	....	......	.....	......	......	....	......	.....	....	4	$ 2,000
July	....	....	....	....	....	454	27	....	....	....	....	....	....	......	......	....	......	.....	......	......	....	......	.....	....	3	$ 8,000
August	....	....	....	....	......	346	23	....	.. .	....	....	....	. .	......	......	....	......	.....	......	......	....	......	.....	....	1	$16,000
September	4	3	....	....	. ...	198	22	20	8	....	....	....	....	1	1	$ 500	......	.....	......	......	....	......	.....	....	1	$16,500
October	....	....	....	....	....	88	7	18	7	....	....	....	....	......	......	....	1	1	0	0	$ 3,000	......	.....	....	.....	....
November	...	....	....	....	....	28	4	48	8	27	5	1	0	......	......	....	......	.....	......	......	....	......	.....	....	.....	....
December	....	.. .	2	2	$ 1.000	63	8	77	15	196	8	8	†	3	1	$ 11.000	1	1	0	12	$ 40,000	......	.....	....	.....	....
Year	19	13	9	7	$ 36,600	2328	192	299	73	258	38	9	†	21	9	$ 38,375	5	4	0	17	$136,500	......	......	....	9	$48.000

†$175,000

EXCESSIVE PRECIPITATION FOR 1932

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
May 25	2:40 p.m.	D.N.p.m.	1.02	6:17 p.m.	6:31 p.m.	0.51	0.18	0.30	0.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 1	2:00 a.m.	8:20 a.m.	2.48	3:13 a.m.	4:38 a.m.	0.09	0.11	0.46	0.63	0.70	0.71	0.72	0.90	1.00	1.02	1.03	1.12	1.96	2.11	.....
June 30	10:25 a.m.	1:10 p.m.	1.04	11:54 a.m.	12:33 p.m.	0.28	0.05	0.13	0.22	0.40	0.46	0.52	0.62	0.68	.....	.....	.....	.....	.....	.....
July 23	5:00 p.m.	9:10 p.m.	0.62	5:14 p.m.	5:40 p.m.	0.02	0.07	0.21	0.33	0.40	0.47	0.49	.....	.....	.....	.....	.....	.....	.....	.....
Oct. 3-4	7:40 p.m.	1:30 a.m.	1.33	9:23 p.m.	9:55 p.m.	0.11	0.14	0.38	0.57	0.70	0.77	0.83	0.87	.....	.....	.....	.....	.....	.....	.....
Dec. 23-24	11:50 a.m.	12:20 a.m.	2.07	6:42 p.m.	6:53 p m.	0.43	0.18	0.34	0.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dce. 23-24	11:50 a.m.	12:20 a.m.	2.07	8:22 p.m.	9:02 p.m.	0.99	0.06	0.12	0.15	0.24	0.31	0.40	0.60	0.69	.....	.....	.....	.....	.....	.....
LITTLE ROCK, ARK.																				
Jan. 14	8:15 p.m.	10:15 p.m.	0.39	9:58 p.m.	10:08 p.m.	0.06	0.14	0.33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jan. 15	12:50 a.m.	6:10 a.m.	1.27	2:24 a.m.	2:49 a.m.	0.17	0.13	0.30	0.48	0.57	0.63	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mar. 16	9:25 p.m.	11:45 p.m.	0.70	9:29 p.m.	9:38 p.m.	0,01	0.31	0.47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mar. 30	10:00 a.m.	8:30 p.m.	1.06	11:09 a.m.	11:17 a.m.	0.01	0.16	0.32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May. 8	2:32 p.m.	6:35 p.m.	1.11	2:34 p.m.	2:52 p.m.	0.01	0.17	0.40	0.73	0.84	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 26-27	11:20 p.m.	6:50 a m.	1.53	11:34 p.m.	11:57 p.m.	0.01	0.26	0.69	0.87	0.94	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 14	3:35 p.m.	4:47 p.m.	1.12	4:17 p m.	4:39 p.m.	0.07	0.37	0.55	0.65	0.94	1.01	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 3	11:35 a.m.	1:29 p.m.	0.79	11:52 a.m.	12:14 p.m.	0.01	0.12	0.24	0.32	0.40	0.44	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 3	3:44 p.m.	4:00 p.m.	0.34	3:44 p m.	3:53 p.m.	0.01	0.26	0.34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 3-4	7:50 p.m.	4:20 a.m.	3.17	9:32 p m.	9:42 p.m.	0.14	0.16	0.34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 3-4	7:50 p.m.	4:20 a.m.	3.17	11:21 p.m.	12:01 a.m.	0.91	0.15	0.44	0.83	1.08	1.27	1.34	1.45	1.57	.....	.....	.....	.....	.....	.....
July 3-4	7:50 p m.	4:20 a.m.	3.17	1:49 a.m.	2:04 a.m.	2.50	0.11	0.23	0.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 5	2:14 p.m.	2:42 p.m.	0.34	2:21 p.m.	2:27 p.m.	0.01	0.28	0.33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 30	10:44 a.m.	2:05 p.m.	0.73	10:54 a.m.	11;15 a.m.	0.02	0.17	0.32	0.37	0.42	0.45	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 18	11:00 a.m.	11:40 a.m.	0.56	11:10 a.m.	11:25 a.m.	0.01	0.15	0.36	0.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 15	1:33 p.m.	3:10 p.m.	0.62	1:56 p.m.	2:24 p.m.	0.01	0.11	0.29	0.40	0.45	0.52	0.55	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 17	9:50 p.m.	11:55 p.m.	0.65	9:57 p.m.	10:14 p.m.	0.01	0.18	0.30	0.37	0.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis, Tenn.																				
June 21	2:20 a.m.	7:15 a.m	1.43	3;00 a.m.	3:40 a.m.	0.04	0.16	0.44	0.72	0.98	1.09	1.17	1.23	1.31	.....	.....	.....	.....	.....	.....
June 25	11:28 a.m.	12:38 p.m.	0.78	11:32 a.m.	11:53 a.m.	0.02	0.14	0.30	0.52	0.64	0 70	.....	.....	.....	.....	.....	.....	.....	.....	.....
June 30	5:24 p.m.	8:00 p.m.	0.35	5:32 p.m.	5:40 p.m.	0.01	0.20	0.32	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 1	6:08 a.m.	9:55 a.m	0.98	7:40 a.m.	7:52 a m.	0.15	0.18	0.31	0.39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 5	3:30 p.m.	5:20 p.m.	0.56	3:47 p.m.	3:55 p.m.	0.02	0.28	0.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 3	1:55 a.m.	D.N.A.	0.84	2:04 a.m.	2:30 a.m.	0.03	0.10	0.27	0.45	0.61	0.72	0.78	.....	.....	.....	.....	.....	.....	.....	.....
Aug. 26	1:00 a.m	4:05 a.m.	0.36	1:19 a.m.	1:27 a.m.	0.03	0 19	0.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 26	9:08 a.m.	10:50 a.m	0.46	9:33 a.m.	9:43 a.m.	0.01	0.27	0.38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sept. 27	7:46 p.m.	8:50 p.m.	0.67	7:50 p.m.	8:18 p.m.	0.01	0.11	0.23	0.36	0 44	0.56	0.63	.....	.....	.....	.....	.....	.....	.....	.....
Nov. 6	12:30 a.m.	6:10 a.m.	1.83	1:26 a m.	2:24 a.m.	0.15	0.07	0.12	0.16	0.22	0.28	0.35	0.43	0.55	0.74	0 86	1.05	.....	.....	.....
Dec. 30	11:32 a.m.	10:50 p.m.	2.50	12:57 p.m.	1:10 p.m.	0.04	0.19	0.35	0.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1932

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	21.2	3.4	9.4	19.0	2.5	6.3	9.6	1.5	3.9	6.1	0.0	2.4	2.1	-0.8	0.1	1.9	-1.0	-0.5	7.6	-1.0	1.2	0.8	-1.2	-0.9	0.8	-1.2	-0.8	-0.2	-1.4	-1.1	0.6	-1.4	-0.9	19.8	-1.2	1.0
Arkansas City	49.7	37.8	42.3	53.4	49.9	51.5	52.4	24.8	36.2	42.5	31 7	38.4	33.9	21.6	28.3	19.7	13.3	16.9	25.5	12.6	27.3	17.8	10.6	13.1	14.2	4.4	7.7	12.6	4.1	7.2	14.0	8.0	10.3	26.4	8.8	14.8
Batesville	23.7	7.2	14.6	16.3	7.6	10.6	11.0	7.0	8.5	9.1	7.0	8.1	7.5	5.0	6.0	9.8	5.2	7.3	13.1	5.2	8.2	6 1	3.9	4.7	4.2	3.6	3.8	5.7	3 7	4.0	6.3	4.3	5.2	24.7	4 2	7.9
Big Lake Outlet	18.0	7.8	14.0	16.8	12.4	14.1	13.0	8.0	9.8	11.7	8.0	10.3	8.2	5.3	6.6	5.2	3.9	4.4	4.9	3.2	4.0	3.4	2.7	3.0	3.6	2.4	3.0	4.1	3.3	3.7	4.9	3.6	4.4	10.0	4.2	5 3
Black Rock	19.6	11.3	15.5	16.2	6.4	11.0	9.0	4.5	6.2	8.8	3.8	5.7	3.8	2.0	2.6	3.0	1.2	1.7	3.9	0.8	1.9	3.6	1.4	2.2	1.7	0.3	0.9	1.4	0.3	1.0	3.3	1.4	2.1	21.8	1.3	4.5
Calico Rock	16.8	1.4	7.5	8.8	2.1	4.5	4.4	1.7	2.9	3.5	1.7	2.6	2.5	0.2	1.1	5.4	0.4	2.4	7.2	0.4	2.9	1.3	-0.6	0.1	-0.6	-0.8	-0.7	-0.2	-0.7	-0.5	1.8	-0.3	0.6	17.2	-0.5	2.7
Camden	38.0	22.5	31.8	36.0	19.3	28.2	25.8	12.2	18.9	27.9	6.6	15.1	11.5	4.6	6.3	6.7	3.9	4.8	21.6	4.6	10.0	5.4	3.8	4.2	5.0	3 6	4.1	4.5	3.8	4.0	6.0	3.9	4.2	14.8	3.9	6.2
Clarendon	30.4	21.6	27.9	30.4	27.1	28.3	27.3	18.1	22.0	24.6	17.2	22.0	16.6	9.5	12.4	11.8	9.2	10.6	18.5	9.3	14.5	9.7	7.5	8.5	7.4	6.1	6 7	7.7	5.9	6.4	8.9	6.1	8.0	21.3	6.9	9.0
Cotter	15.8	3.2	8.5	8.1	3.9	5.4	5.5	3.8	4.3	4.4	3.7	4.0	3.7	2.7	3.3	8.0	2.8	4 4	9.5	2.8	4.5	3.8	2.2	2.8	2.3	2.0	2.2	2.5	2.1	2.2	3.5	2.3	3.1	18.4	2.3	4 7
Danville	24.2	5.3	17.5	24.3	4.1	10.9	21.7	4.0	7.4	14.3	3.0	5.3	10.3	1.7	3.6	15.6	1.4	2.9	18.4	1.5	4.7	2 4	0.8	1.3	5.1	0.5	1.0	1.2	0.5	0.8	1.9	0.8	1.3	22.5	0.7	4.1
Dardanelle	20 2	4.8	13.7	17.6	7.0	10.5	9.1	5.9	6.9	8.8	5.0	6.1	6.2	4.0	4.9	13.7	3.9	8.8	16.7	5.1	9.6	10 2	3.8	5.6	4.6	3.0	3.6	4.4	2.6	3 3	5.9	2.6	3.0	18.7	2.3	5 5
De Valls Bluff	25.7	17.9	23.5	25.5	21.3	22.7	21.4	13.5	17.0	20.8	11.7	16.7	11.3	6.3	8.6	9.3	6.2	7.8	15.2	6.1	10.8	6.7	4.2	5.3	4.1	2.7	3.3	4.8	2.5	3.1	6.0	2.8	5.0	20.4	3.7	6.4
Fort Smith	22.0	5.5	14.5	17.7	6.6	10.3	8.9	5.5	6.6	7 8	4 7	5.7	5.8	4.1	4.9	18.4	4.4	10.7	18.6	5.3	10.5	12.6	3.6	6.0	4.3	3.7	3.9	4.9	3.1	3.6	4.0	3 6	3.7	22.6	3 4	6.5
Fulton	31.6	10.8	24.7	30.3	11 1	22.0	22.1	8.6	13.1	17.4	7.5	10.7	18.8	6.9	10.0	15.0	8.2	11.4	22.3	7.6	14.8	9.1	5.9	7.2	10.8	5.7	7.2	6.0	4.7	5.6	4.7	4.4	4.6	22.6	4.4	7.7
Georgetown	25.0	19.0	22.6	24.4	16.7	20.5	18.4	8.2	12.1	17.2	6.9	11.9	6.5	2.2	4.2	5.3	1.9	3.7	10.9	2.1	6.4	2.8	0.3	1.4	0.8	-1.1	-0.4	1.0	-1.2	-0 6	2.3	-1.3	1.2	20.0	0 1	3.6
Gilbert	9.8	3.6	5.3	12.0	3.5	4.6	5.8	3.5	4.0	4.8	3.6	4.1	5.8	2.9	3.6	7.6	2.8	3.5	13.0	2.8	4.3	3.2	2.5	2.7	2.7	2.5	2.6	3.6	2.6	2.8	4.2	2.8	3.0	15.0	2.7	3.7
Helena	44.0	32.9	38.3	49.2	44.2	47.2	45.7	20.6	28.3	41.0	26.1	35.2	32.5	16.9	25.6	17.2	12.3	14.8	33 5	10.8	23.4	16.5	9.0	12.2	10.9	4.2	6.7	12.8	3.7	7.3	14.3	7.7	10.4	24.1	8.3	11 4
Index	27.0	10.3	20.7	27.4	11.5	18.2	16.1	10.0	12.3	14.4	8.8	10.6	18.7	8.8	11.1	15.6	9.5	12.7	20.5	9.0	14.2	11.0	7.6	9.0	12.8	7.6	9.0	8.9	7.0	8.0	7.2	6.8	6.9	21.5	6.7	9.3
LITTLE ROCK	19.5	5.7	13.9	18.0	4.6	10.1	8.4	3.0	4.6	8.2	1.6	3.3	2.5	0.4	1.3	11.0	0.2	5.0	14.9	1.0	7.2	6.4	-0.6	1.5	0.6	-1.5	-0.8	-0.3	-2.1	-1.4	-0.8	-2.0	-1.6	18.7	-2.1	1.3
Madison	28.2	15.6	21.6	30.7	28.3	29.5	28.1	9.0	15.6	22.1	11.4	17.9	12.5	3.0	7.9	3.8	1 9	3.0	12.0	2.1	6.5	3.2	1.9	2.4	2.0	1.6	1.7	2.0	1.4	1.7	8.5	1.4	3.8	9.8	2.5	4.1
Marked Tree	18.1	8.0	13.3	18 2	14.1	15.9	14.0	7.1	10.3	11.7	7.5	10.0	7.6	5.2	6.2	5.3	2.6	4.2	4 6	2.6	3.6	2.9	2.2	2.5	2.5	1.9	2.2	3.6	2.3	2.7	5.1	2.3	3.7	7.0	4.1	4.6
Morrillton	19.8	2.5	12.7	16.9	4.0	9.0	6 5	2.0	3.4	6.4	1.2	2.4	2.0	0.3	0.9	10.6	0.2	5.1	14.7	0.6	6.7	6.4	-1.4	1.2	-2.1	-0.1	-1.5	-0.7	-2.9	-1.9	-1.3	-2.5	-2.1	17.0	-3.0	0.8
Newport	26.7	14.0	20.3	21.6	7.8	14.7	11.8	4.8	7.5	10.5	4.2	7.1	4.0	1.7	2.7	5.1	1.5	2.9	9.0	1.1	4.2	2.5	0.4	1.2	0.7	-0.2	0.1	0.8	-0.2	0.0	2.4	0.2	1.4	23.0	0.3	4.6
Ozark	17.6	2.0	10.7	14.4	4.0	7.6	6.0	2.4	3.6	5.3	1.3	2.6	2.9	0 6	1.6	13.0	0.6	6.7	13.7	1 7	6.9	8.8	0.1	2.3	0.9	-0.9	-0.2	1.3	-1.1	-0.3	0 3	-1.1	-0.7	17.2	-1 2	2.1
Parkin	26.9	14.1	20.6	27.0	24.2	26.3	23.8	11.0	16.6	20.6	12.9	17.0	12.4	5.9	8.4	5.9	3.3	4.7	7.7	3.2	4.9	3.2	2.5	2.8	2.6	2.2	2.4	3.5	2.3	2.8	4.7	2.3	3.5	10.8	3.8	5.0
Pine Bluff	23.5	10.6	17.8	21.5	9.6	15.0	13.0	8.3	9.7	13.2	7.1	8.7	7.6	5.5	6.6	15.0	5.2	9.4	18.3	6.8	12.4	10.4	4.5	6.8	5.8	3.0	4.1	4.6	2.5	3.3	3.8	2.4	2.9	19.8	2.2	4.9
St. Francis	21.6	12.9	19.4	19.6	9.8	14.4	15.1	7.1	10.5	12.4	7.2	9.3	7.3	4.3	5.6	4.4	3.6	4.0	4.8	3.1	3.7	6.4	3.3	4.8	6.8	3.1	4.2	3.6	2 9	3.2	12.5	4.2	7.0	22.5	4.7	8.1
Springbank	33.2	8.7	25.1	33.0	16.0	25.7	28.4	14.9	19.7	21.5	12.9	16.6	18.4	8.6	12.4	15.3	9.1	11.5	22.3	6.9	14.9	7.5	4.8	5.8	11.5	5.6	7.3	6.4	5.7	6.1	5.7	5.5	5.6	22.4	5.4	8.0
Whitecliffs	27.8	6.7	23 5	27.2	7.0	19.4	19.2	3.3	9.2	19.0	2.8	7.6	13.1	1.1	4.3	10.0	0.6	4.2	22.4	0.8	10.1	1.6	0.3	0.6	0.2	-0.1	0.0	0.1	-0.1	-0.1	0.5	-0 1	0.2	23.2	0.3	5.4
Yancopin	38.5	27.3	33.1	40.2	37.5	38.6	38.9	15.6	25.3	29.7	20.4	26.6	21.3	10.7	16.6	19.4	8.4	13.0	25.0	10.2	20.7	14.4	6.7	9.6	9.5	5.0	6.3	6.4	4.1	5.1	5.5	4.1	4.5	25.6	3.8	7.3

December:—This was the coldest December since 1917. Cold weather overspread the State on the 7th and continued until the 20th with temperatures of zero or slightly lower reported from a few stations in central and northern portions. Sleet occurred over most of the State on the 9th and either sleet, rain, or snow from the 10th to the 16th with glaze forming over most of the State during this period. Telephone, telegraph, and power lines were severely damaged in southern and eastern sections. Travel everywhere was exceedingly hazardous. All stations except two reported a measureable amount of snow the average of which was 3.7 inches.

W. B. O.,Little Rock, Ark.—3-3-33-1300.

Corrections: 1932

Fort Smith, February temperature departure should be +8.5°; March mean temperature 48.0°; departure −4.6°. Total precipitation, Highland, January should be 11.07 inches; Mountain Home, July 2.49 inches. Searcy, December, minimum temperature on 19th should be 20°, lowest for month, 1° on 18th; mean minimum temperature 29.0°; mean temperature 38.8°; departure from normal −4.0°; annual, page 51, lowest for year. 1°, December 18th. The following precipitation departures should be inserted for the respective months: Amity, August −3.98; Batesville, September +0.40; Booneville, December +2.13; Fayetteville, April −2.36; Fulton, June +3.31; Hope, June +0.48; Lead Hill, April −2.19; Osceola, March +1.26; May −4.05; Pine Bluff, August −0.43; Pocahontas, March −1.23; Texarkana, May −3.58.

51.05
UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

Vol. XXXVIII Little Rock, Ark., January, 1933 No. 1

GENERAL SUMMARY

This was the warmest January since 1907 and the second warmest on record, surpassing the correspondingly warm month of 1923 by two-tenths of a degree. The daily mean temperature was below normal only for two days at Fort Smith and four days at Little Rock during the month. Daily departures ranged from 10° to over 25° above normal from the 16th to the 26th with the warmest weather occurring about the 19th or 20th in most sections. The coldest weather of the month occurred on the 1st in eastern and southern sections and on the 12th in the northwestern portion. The average temperature for the State, based on the reports of 61 stations, was 48.8° which is 7.5° above the mean for the past 43 years, all stations for which normals have been computed having positive departures. Several stations in west-central and northwestern portions had departures as high as 9° above normal and Booneville in Logan County 10° above. The highest temperature recorded was 81° at Warren on the 19th; the lowest, 11° at Marshall on the 1st. The greatest daily range was 44° at Crossett on the 3d.

Precipitation occurred on about three days in most sections of the State during the first half of the month and on six days during the latter half. From the 16th to the 22d moderate to heavy rains were general over the State with from 1.00 inch to more than 3.00 inches occurring at many stations on the 21st and 22d. Blytheville and Big Lake Outlet, in Mississippi County, reported a total of 5.50 inches and 4.20 inches, respectively, for the 21st and 22d. The average precipitation for the State for the 92 stations reporting was 3.67 inches which is 0.61 inch below the mean for the past 43 years. Monthly totals ranged from 1.65 inches at Mountain Home to 7.33 inches at Blytheville, with nearby stations showing a wide divergence in monthly totals. The greatest amount measured in any 24-hour period was 3.17 inches at Searcy on the 21st. Snowflurries were reported at Rogers in the northwestern portion of the State on the 6th and at several stations on the 14th, and traces of sleet at scattered stations on the 28th.

The weather was favorable for the growth of winter crops and truck was unusually good. A little plowing was done in some localities and some gardens and a few potatoes planted, but the soil was too wet in most sections. The warm weather caused the plum and peach buds to develop in central and southern sections but growth was checked somewhat by the cooler weather the last few days of the month.

T.A.M.

MISCELLANEOUS

Heavy Hail:—Booneville, 18th, considerable damage to roofs of buildings and tops of automobiles.

Flood Loss:—On the Black River, $500.

Miscellaneous Phenomena

Dates and number of stations reporting

THE LIBRARY OF THE UNIVERSITY OF ILLINOIS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog			2		2	2		2	3		1						4	2		1									1	3	3
Light Hail											1							2						2	1						
Sleet											1			1														4	1		
Heavy Hail																			1												
Thunderstorms							1			1					1	2	4	8	14	22	33	11		22	11	3					

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29.99	30.45	1	29.37	26	7.9	32	sw	18	....	....	....	61
Fort Smith	30.02	30.59	1	29.50	26	8.5	32	sw	18	81	68	61	47
Little Rock	30.06	30.64	1	29.54	26	8.5	29	w	26	75	54	55	47
Memphis	30.08	30.64	1	29.50	26	8.5	32	sw	24	76	66	65	50

COMPARATIVE DATA FOR JANUARY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	+0.3	71	13	5.34	+1.06	9.03	1.29	....	10	10	6	15
1892	34.7	−6.6	74	−14	2.48	−1.80	5.09	0.65	5.6	6	18	5	8
1893	38.5	−2.8	80	−13	1.13	−3.15	3.29	0.30	8.8	2	17	8	6
1894	43.5	+2.2	77	−22	3.63	−0.65	8.58	0.25	2.3	7	13	8	10
1895	36.9	−4.4	78	−5	5.19	+0.91	9.38	1.87	8.8	8	9	6	16
1896	41.4	+0.1	78	4	4.09	−0.19	6.94	1.53	3.1	8	10	6	15
1897	38.9	−2.4	76	−2	6.78	+2.50	14.72	3.57	1.6	8	13	5	13
1898	45.5	+4.2	81	10	7.93	+3.65	14.50	2.11	T.	9	10	8	13
1899	39.3	−2.0	75	−9	5.91	+1.63	11.19	1.58	3.0	7	12	6	13
1900	43.4	+2.1	78	1	2.69	−1.59	5.59	0.84	0.9	7	13	7	11
1901	45.6	+4.3	78	7	2.21	−2.07	4.89	0.76	T.	5	16	7	8
1902	38.0	−3.3	79	2	4.13	−0.15	8.51	0.96	2.8	8	11	6	14
1908	40.2	−1.1	80	7	2.60	−1.68	5.50	0.42	1.2	6	13	8	10
1904	38.9	−2.4	75	−5	3.81	−0.47	6.56	2.08	2.9	6	15	8	8
1905	33.3	−8.0	73	13	4.58	+0.30	8.69	1.32	5.9	6	12	8	11
1906	43.1	+1.8	82	−2	5.19	+0.91	9.60	1.16	.29	6	14	5	12
1907	49.2	+7.9	82	−8	5.80	+1.52	11.80	1.95	1.3	11	8	7	16
1908	41.7	+0.4	78	6	3.75	−0.53	5.92	1.82	4.9	7	14	7	10
1909	43.8	+2.5	82	−19	1.79	−2.49	3.62	0.36	3.0	6	4	7	20
1910	41.8	+0.5	78	−7	2.59	−1.69	6.19	0.74	4.5	6	16	6	9
1911	47.6	+6.3	86	−9	1.02	−3.26	4.23	0.21	0.5	6	8	10	13
1912	34.3	−7.0	79	−16	3.01	−1.27	5.40	1.04	3.2	6	13	10	8
1913	44.0	+2.7	78	−1	8.45	+4.17	14.92	3.41	0.9	10	12	7	12
1914	46.6	+5.3	82	7	1.57	−2.71	3.71	T.	2.8	4	13	9	9
1915	39.3	−2.0	74	−3	4.38	+0.10	6.95	1.28	2.8	8	10	6	15
1916	44.3	+3.0	82	−6	9.39	+5.11	13.59	4.11	1.0	12	8	4	19
1917	44.0	+2.7	82	−4	3.66	−0.62	7.61	0.68	3.9	7	11	5	15
1918	27.3	−14.0	80	−23	4.39	+0.11	8.60	1.60	17.6	8	13	4	14
1919	41.4	+0.1	75	−3	3.00	−1.28	7.80	0.32	1.3	6	16	5	10
1920	39.6	−1.7	82	11	6.49	+2.21	12.83	2.27	2.1	8	12	4	15
1921	46.9	+5.6	85	6	2.07	−2.21	3.87	0.50	3.6	6	11	6	14
1922	39.1	−2.2	74	4	2.63	−1.65	7.98	0.77	1.9	7	8	5	18
1923	48 6	+7.3	80	15	5.78	+1.50	9.71	1.75	1.6	9	14	5	12
1924	36.1	−5.2	79	−6	3 19	−1.09	6.50	1.05	1.4	7	15	3	13
1925	40.8	−0.5	76	−4	2.68	−1.60	5.77	1.00	2.1	8	14	4	13
1926	40.5	−0.8	77	−17	4.69	+0.41	9.18	1.87	3.7	7	13	6	12
1927	42.6	+1.3	79	−1	5.41	+1.13	11.40	1.98	1.6	10	14	3	14
1928	42.7	+1.4	90	−10	2.05	−2.23	4.60	0.50	0.6	5	16	6	9
1929	39.4	−1.9	79	2	5.08	+0.80	8.00	2.35	1.0	10	12	5	14
1930	33.8	−7.5	74	−28	9.16	+4.88	16.31	3.21	5.0	12	11	3	17
1931	42.3	+1.0	76	0	1.14	−3.14	3.40	T.	1.2	5	15	6	10
1932	46.2	+4.9	80	11	9.67	+5.39	16.51	3.35	0.5	11	12	5	14
1933	48.8	+7.5	81	11	3.67	−0.61	7.33	1.65	T.	9	12	6	13
Period	41.3	....	90	−28	4.28	......	16.51	T	2.9	7	12	6	13

Daily River Stages for January, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	9.4	9.0	8.4	7.7	7.4	7.0	6.6	6.6	6.8	7.4	7.1	6.0	5.6	5.2	5.0	4.8	4.7	4.6	5.4	8.8	8.5	10.6	11.1	11.4	11.8	10.1	8.8	8.4	8.0	7.4	7.0
zark	do	22	6.5	6.2	5.8	5.0	4.3	4.0	3 5	3.1	2.9	3.5	4.0	3.5	2.8	2 3	1.9	1.8	1.1	1.1	1.8	4.7	6.0	7.5	8.3	8.3	8.3	8.1	6.4	5.4	5 1	4.7	4.0
ardanelle	do	22	10.4	9.6	8.9	8.3	7.6	7.1	6 9	6.6	6.3	6.5	6 6	6.8	6.3	5.8	5.5	5.3	5.1	5.0	5.0	5.7	8.0	11.6	11.6	11.0	10.8	10.8	10.1	8.7	8.0	7.7	7.3
orrillton	do	20	10.0	8.5	7.8	7.3	6.5	5.7	5.0	4.6	4.1	4.0	3.9	4 1	3.9	3.2	2.5	1.9	1.5	1.3	1.2	1.6	3.5	7.5	9.9	9.5	9.0	8.9	8.5	7.2	5.9	5.3	4.8
Little Rock	do	23	13 5	11.7	11.0	10.4	9.4	8.1	6.8	5.9	5.6	5.3	5.2	5.0	4.8	4.7	3.6	2.8	2.4	2.0	1.8	1.7	1.8	6 2	10.6	11.5	11.0	10.4	9.8	9.4	7.4	6.3	5.5
ine Bluff	do	25	17.6	16.5	15.9	15.0	14.7	13.8	12.9	11.9	11.2	10 8	10.7	10.7	10.4	10.2	9.7	8.9	8.5	8.1	7.8	7.4	7.4	8.9	12.6	15.8	15.9	15.3	14.8	14.4	13.3	12.0	11.3
ancopin	do	29	24.9	25.5	25.7	26.0	26 3	26.8	27.1	27.4	27.6	27.8	28.3	28.7	29.1	29.4	29 6	29.7	29.7	29.5	29.3	28.7	28.1	27.3	26.7	27.4	28.0	28.1	28.0	28.2	28.3	28.4	28.4
anville	Petit Jean	20	22.9	21.7	19.3	15.0	9 8	6.8	6.6	12.3	17.8	18.8	17.0	12.8	9.7	7.0	6.3	5.7	5.3	5.3	5.3	5.7	6.6	13.8	20.5	21.5	20.0	16 6	12.0	8.8	6.7	6.3	6.0

Climatological Data for January 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	48.0	+4.8	71	21	19	1	40	4.58	+0.07	1.08	0.0	7	5	17	9	s.	J. W. Campbell
Arkadelphia	Clark	250	38	......	......	......	......	......	......	......	3.65	−0.79	0.89	0.0	10	8	10	13	n.	W. K. Bown
Arkansas City	Desha	145	49	......	......	......	......	......	......	......	3.39	−1.12	1.37	0.0	7	16	2	13	......	Herbert Neff
Arlberg	Stone	700	11	......	......	......	......	......	......	......	3.64	−1.26	1.40	0.0	5	12	10	9	ne.	J. D. Reeves
Batesville	Independence	277	34	43.4[f]	+5.5	70	21	14[1]	1†	40[1]	2.68	−1.85	0.85	0.0	11	14	3	14	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	48.3	+7.8	70	17	17	1	33	3.26	−1.13	0.87	0.0	11	12	4	15	s.	J. E. Scanlan
Bentonville	Benton	1303	28	45.8	+9.6	67	24	16	12	33	3.80	+1.06	1.18	0.0	9	9	6	16	s	U. S. Weather Burea
Big Lake Outlet ‡‡	Mississippi	....	3	......	......	......	......	......	......	......	5.67	......	2.15	0.0	9	16	0	15	......	Harry Johnson
Black Rock	Lawrence	259	32	......	......	......	......	......	......	......	2.62	−1.93	1.21	0.0	8	18	2	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	8	48.4[a]	......	73[a]	24	20[a]	2	31[a]	7.33	......	3.00	0.0	12	14	4	13	s.	Samuel Norris
Booneville	Logan	465	19	50.4	+10.2	78	16	19	1	38	3.73	−0.44	0.98	0.0	12	13	6	12	s.	F. H. Randolph
Brinkley	Monroe	205	46	50.2	+8.4	76	21	17	1	41	2.39	−2.71	0.95	0.0	10	14	0	17	se.	R. J. Torry
Calico Rock	Izard	361	29	43.8	+8.0	71	22	15	1	39	4.08	+0.44	2.19	0.0	8	9	12	10	se.	W. J. Copp
Camden	Ouachita	158	48	49.8	+5.4	75	19†	21	1†	39	2.90	−2.03	0.96	0.0	11	9	4	18	sw.	Georgia Quarterman
Carthage	Dallas	....	28	50.2	....	74	19†	16	1	40	3.06	−1.81	1.10	0.0	8	13	8	10	s.	H. K Bell
Center Point	Howard	470	34	51.0	+6.4	74	19	22	1	34	4.33	+0.26	1.25	0.0	11	14	4	13	s.	John C. Floyd
Clarendon	Monroe	172	29	......	......	......	......	......	......	......	2.28	−2.24	1.27	0.0	10	11	2	18	s.	J. W. Bishop
Clinton	Van Buren	516	12	......	......	......	......	......	......	......	4.83	+0.79	2.16	0.0	9	10	8	13	sw.	A. L. Stephens
Conway	Faulkner	309	50	49.4	+7.7	74	21	21	13	37	5.59	+1.23	2.02	0.0	9	14	4	13	w.	E. E. Cordrey
Corning	Clay	293	40	46.2	+8.8	67	19†	19	1	33	2.50	−1.94	0.85	0.0	8	14	7	10	s.	Winfred D. Polk
Cotter	Baxter	408	6	......	......	......	......	......	......	......	2.34	......	0.55	0.0	7	20	2	9	nw.	O. B. McSpadden
Crosset	Ashley	175	21	51.1	......	79	21	18	1	44	2.89	−2.27	0.82	0.0	7	9	4	18	s.	G. A. Gifford
Danville	Yell	327	17	......	......	......	......	......	......	......	2.57	−1.56	0.84	0.0	7	16	1	14	sw.	H. Inglis
Dardanelle	Yell	330	47	49.2	+8.7	72	18	20	1	34	2.88	−0.58	0.93	0.0	9	7	11	13	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	6	......	......	......	......	......	......	......	3.48	......	1.26	0.0	10	15	2	14	......	H. G. Pate
Dumas	Desha	162	28	52.4	+8.8	78	21	20	1	35	2.21	−2.66	0.52	0.0	9	15	5	11	s.	Ben Johnson
Dutton	Madison	1590	30	....	......	......	......	......	......	......	....	......	....	..	..	..	..	..	......	J. M Ricketts
El Dorado	Union	270	33	53.4	+7.6	77	19	23	1	33	4.10	−0.02	1.37	0.0	9	9	6	16	se.	J. J. Babb
England	Lonoke	229	26	51.2[b]	+8.8	75[b]	21	21[b]	1	37[b]	3.87	−0.77	1.60	0.0	9	12[b]	4[b]	13[b]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	47.6	+9.9	68	18†	15	12	34	4.97	+1.81	1.30	0.0	9	12	6	13	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	46.6	+8.8	67	21	17	12	34	4.64	+1.78	1.46	T.	14	9	12	10	sw.	University of Arkansa
Fort Smith	Sebastian	457	52	48.4	+8.8	71	18	23	1	28	2.08	−0.46	0.74	T.	12	10	7	14	e.	U. S. Weather Bure
Freeman Springs ‡‡	Pope	2240	9	......	......	......	......	......	......	......	3.94	......	2.00	0.0	9	15	2	14	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	......	......	......	......	......	......	......	4.06	−0.29	1.52	0.0	6	12	3	16	......	T. J. Logan
Georgetown	White	200	21	......	......	......	......	......	......	......	3.69	−1.69	1.26	0.0	9	14	2	15	......	W. R. Owens
Gilbert	Searcy	675	9	......	......	......	......	......	......	......	1.69	......	0.91	0.0	7	19	7	5	......	S. G. Battenfield
Grannis	Polk	900	14	45.6	+5.0	67	24	14	1	35	4.89	+0.18	1.23	0.0	10	13	1	17	s.	W. E. McVay
Gravette	Benton	1250	36	45.4	+9.0	69	21	15	12	36	2.50	−0.22	0.79	0.0	9	10	7	14	e.	A. F. Stevens
Harrison	Boone	1052	33	45.2	+9.0	68	21	14	12	34	2.86	−0.17	0.68	0.0	10	15	6	10	n.	Louis R. Keck
Helena	Phillips	250	61	50.6	+8.0	75	21	16	1	34	1.97	−3.37	0.53	0.0	11	11	6	14	s.	James A. Burnett
Higden	Cleburne	445	14	......	......	......	......	......	......	......	4.19	−0.46	1.26	0.0	12	11	7	13	w.	Geo. W. Baker
Highland	Pike	....	14	52.2	......	72	19	25	1†	29	6.88	+2.36	1.36	0.0	7	6	10	15	s.	J. O. Cooley
Hope	Hempstead	377	63	52.2	+7.0	73	19†	21	1	35	3.96	−0.96	1.10	0.0	7	17	3	11	sw.	N. P. O'Neal
Hot Springs	Garland	600	42	51.6	+8.6	71	20	21	1	32	5.89	+1.00	1.50	0.0	9	9	7	15	......	G. C. Bolton
Index ‡‡	Little River	275	8	......	......	......	......	......	......	......	3.95	......	1.22	0.0	9	13	2	16	......	H. G. Sanderson
Jessieville	Garland	750	7	......	......	......	......	......	......	......	6.00	......	1.92	0.0	7	7	8	16	......	U. S. Forest Service
Jonesboro	Craighead	345	38	48.0	+8.0	70	18	19	1	33	4.19	−0.82	1.55	0.0	10	19	3	9	s.	Benedictine Sisters
Lead Hill	Boone	650	27	44.8	+7.5	69	21	13	12	37	2.76	−0.14	0.70	0.0	11	16	5	10	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	50.2	+8.8	72	21	22	1	29	3.30	−1.43	1.22	T.	12	8	5	18	s.	U. S. Weather Bure
Lurton	Newton	2100	7	......	......	......	......	......	......	......	....	......	....	..	.	..	..	..	......	I. C. Sutton
Lutherville ‡‡	Johnson	775	34	47.4	+7.6	69	17	19	1	29	3.61	−0.25	0.93	0.0	10	12	4	15	sw.	H. G. Lennardt
Madison	St. Francis	....	3	...	......	..	......	......	......	......	2.38	......	0.95	0.0	9	13	1	17	......	J. W. Eppes
Magnolia	Columbia	315	17	53.2	+6.9	75	19†	24	1	34	4.31	−1.09	1.05	0.0	8	10	10	11	s.	State Agri. School
Malvern	Hot Springs	277	47	50.1	+7.3	73	19†	18	1	37	3.84	−1.70	1.10	0.0	9	15	4	12	s.	Mrs. W. L. Matthe
Mammoth Spring	Fulton	600	29	45.1	+8.1	68	21†	14	1	39	4.71	+0.91	2.28	T.	7	17	6	8	se.	S. F. Whittaker
Marianna	Lee	235	21	50.6	+9.4	74	20†	20	1	35	1.91	−2.68	0.83	0.0	8	10	9	12	s.	C. N. Houck
Marked Tree	Poinsett	229	28	46.8	+8.5	71	20†	18	1	34	3.03	−2.50	1.12	0.0	10	6	13	12	n.	Charles Walton
Marshall	Searcy	1070	19	44.7	+5.8	69	21	11	1	34	1.95	−1.81	0.79	0.0	9	14	3	14	sw.	A. J. Parks
Mena	Polk	1185	45	48.8	+7.6	70	24	19	1	30	3.05	−0.82	0.82	0.0	8	9	1	21	sw.	E. W. St. John
Morrilton	Conway	347	14	47.5	.. ..	71	21	21	1	32	3.93	−0.17	1.15	0.0	11	12	4	15	ne.	John Cook
Mountain Home	Baxter	800	21	45.3	+9.1	69	22	16	12	35	1.65	−1.58	0.41	0.0	7	12	3	16	sw.	B. S. Halbert
Mount Ida	Montgomery	650	34	47.4	+7.0	72	19†	12	1	43	4.61	+0.26	1.22	0.0	9	9	7	15	sw.	G. A. Whittington
Newport	Jackson	231	50	48.2	+8.9	69	21†	20	1	34	4.13	−0.80	1.37	0.0	11	10	6	15	n.	J. D. Henderson
Norman	Montgomery	750	5	......	......	......	......	......	......	......	4.46	......	0.89	0.0	12	13	5	13	......	U. S. Forest Service
Oden	Montgomery	800	7	......	......	......	......	......	......	......	2.83	......	1.00	0.0	7	14	5	12	s.	U. S. Forest Service
Okay	Howard	288	4	51.2	......	74	20†	22	2†	37	4.96	......	1.62	0.0	11	14	3	14	s.	Charles R. Jackson
Osceola	Mississippi	240	37	49.3	+9.7	73	24	20	1	33	3.63	−1.31	1.18	0.0	10	11	7	13	s.	Charles H. Hampto
Ozark	Franklin	396	38	46.0	+5.5	69	18	20	1†	36	3.22	+0.25	1.01	0.0	10	12	1	18	e.	Orkney O. Milton
Paragould	Greene	301	10	......	......	......	......	......	......	......	5.62	......	2.22	0.0	11	16	5	10	s.	W. R. Heagler
Parkin	Cross	....	3	......	......	......	......	......	......	......	3.08	......	0.85	0.0	9	10	6	15	......	Carroll King
Patterson	Woodruff	196	17	......	......	......	......	......	......	......	4.70	−0.51	1.90	0.0	6	16	2	13	sw.	W. E. Baker
Piggott	Clay	307	9	......	......	......	......	......	......	......	2.73	......	0.90	0.0	9	16	2	13	s.	V. C. Wright
Pine Bluff	Jefferson	215	46	52.7	+9.4	78	19	19	1	40	2.79	−2.37	1.10	0.0	10	11	7	13	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	46.4	+8.1	69	21†	15	1	35	2.31	−2.15	0.85	0.0	8	13	3	15	nw.	Benedictine Sisters
Portland	Ashley	122	27	53.1	+6.7	79	19†	21	1	35	4.12	−0.14	2.20	0.0	8	10	7	14	n.	W. E. Edmiston
Prescott	Nevada	329	45	52.4	+8.4	75	23	20	1	37	3.33	−1.18	0.93	0.0	9	12	4	15	s.	Craig Williams
Rison	Cleveland	243	33	52.8	+8.6	78	20†	19	1	38	2.87	−2.53	0.85	0.0	7	14	6	11	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	42	45.6	+8.8	67	21	13	12	38	3.41	+0.83	1.01	T.	8	12	6	13	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	......	......	......	......	......	......	......	....	......	....	...	..	..	..	..	......	
Saint Francis	Clay	290	6	......	......	......	......	......	......	......	4.26	......	1.18	0.0	8	14	6	11	....	S. T. Rooney
Searcy	White	236	23	48.0	+8.3	72	21	17	1	37	6.02	+1.41	3.17	0.0	11	16	2	13	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	26	......	......	......	......	......	......	......	4.02	−0.19	1.85	0.0	11	10	3	18	......	Miss Grace Field
Story	Montgomery	700	9	......	......	......	......	......	......	......	3.30	......	1.32	0.0	6	10	8	13	s.	S. C. Story
Stuttgart	Arkansas	228	46	51.3	+8.8	76	21	21	1	38	2.64	−2.39	1.21	0.0	11	10	8	13	s.	Adam F. Buerkle
Subiaco	Logan	1050	36	48.8	+7.5	74	18	20	1	36	3.55	−0.05	2.03	0.0	11	15	8	8	sw.	New Subiaco Abbey
Sunset	Washington	....	2	45.6	......	63	23	19	12	25	3.34	......	1.00	T.	12	14	8	9	sw.	Walter James
Texarkana	Miller	332	48	53.2	+7.2	75	19	22	13	35	4.93	+1.28	1.60	0.0	8	16	3	12	n.	H. S. Brashear
Thornburg	Perry	650	13	48.1[a]	......	70[a]	19†	13[a]	1	41[a]	3.95	−0.63	1.20	0.0	9	16[a]	2[a]	12[a]	s.	Edward E. Holmes
Waldron	Scott	675	14	......	......	......	......	......	......	......	4.56	+0.60	2.15	0.0	9	8	7	16	sw.	Dr. Cheves Bevill
Warren	Bradley	206	39	52.6	+7.6	81	19	20	1	32	2.25	−2.35	0.75	0.0	7	14	11	6	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	......	......	......	......	......	......	......	2.59	......	1.10	0.0	6	10	10	11	sw.	J. R. Huddleston
Whitecliffs	Little River	290	29	......	......	......	......	......	......	......	5.46	+1.73	1.56	0.0	5	8	8	15	se.	Charles Huff
Wilson	Mississippi	237	8	48.5	......	72	24	19	1	34	3.99	......	1.10	0.0	8	20	2	9	s.	D. O. Anderson
Wynne	Cross	250	25	47.0	+6.6	72	19†	16	1	34	3.84	−1.25	1.10	0.0	7	12	9	10	s.	R. T. Cobbs
Yancopin	Desha	167	9	......	......	......	......	......	......	......	2.17	......	0.56	0.0	9	9	5	17	......	W. E. Barton
State Means				48.8	+7.5	81	19	11	1	44	3.66	−0.62	3.17	T.	9	12	6	13	.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in mea and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Spring Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for January, 1933

Day of Month

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita							.67	.46	.33								1.08	.12			1.05	.87										4.58
Arkadelphia	Ouachita					.01		.75	.56	.09							.02	.69	.05			.53	.89			.06				T.			3.65
Arkansas City	Mississippi					T.			.48	.60							.01	.46	T.			T.	1.37			.15		T			.32		3.39
Arlberg	White								.64										1.07		.37	1.40				.16							3.64
Batesville	White							.18	.12	.21								.12	.06	.08		.82	.85			.16					.06	.02	2.68
Bee Branch	Arkansas							.25	.45									.20	.18	34	.15	.87	.67			.05					.05	.05	3.26
Bentonville ***	Arkansas				T.		.06			T.	T.							.75	.87		.39	1.04			.40		T.		.03	.03	T.	.23	3.80
Big Lake Outlet	St. Francis							.32	T.	.20		T.					10	.25	.35		.15	2.05	2.15								.10	T.	5.67
Black Rock	White							T.		.26								.22	.12	.12		51	1.21			.16						.02	2.62
Blytheville	St. Francis							.32		.36		.05					.02	.30	.29	.22		2.50	3.00			.13	T.				.11	.03	7.33
Booneville	Arkansas							79	.52	.02								.06	01	.40	.01	.98	.26		T.	.15				.07		.46	3.73
Brinkley	White							.21	16	.35							.03	.95	.06			.06	.47			.03					.07		2.39
Calico Rock	White							.12	T	.20		.02						.63	.20	T.		.51	2.19			.21		T.		T.	T.		4.08
Camden	Ouachita					03		.03	.96	.12							.02	.80	.01			.47	.35			.01					.10		2.90
Carthage	Ouachita				T.			.47	32								.08	1.10	.01		.51	T.	.53			.04							3.06
Center Point	Red							1.25	.60	.01								.79	.04		.24	.62	.30			.04				.02		.42	4.33
Clarendon	White							.17	.14	.22							.02	1.27	T.			.02	08			.03					.18	.15	2.28
Clinton	White							.16	.49								T.	.09	.24	.85	.70	2.16				.11						.03	4.83
Conway	Arkansas							.82	.36									.53			.31	2.02	.88			06					.46	.15	5.59
Corning	White							.15		.10								.22	.25	.15		60	.85			.18							2.50
Cotter	White							T.		T.		.15						.40	.20	.55		.41	.47			.16						T.	2.34
Crossett	Ouachita					T.			.67	.12							T.	62				.05	.82			.18		T.			.43	T.	2.89
Danville	Arkansas							.84	.15	.25								.14				.60	.48			.11							2.57
Dardanelle	Arkansas							.45	.34	.35								.10		.07		.50	.93			.08					.06		2.88
De Valls Bluff	White							.20	.15	.26							.02	1.26				.49	.86			.02					.17	.05	3.48
Dumas	Mississippi					T.		.15	.29	.30							T.	.52	T.			.10	.10			.25				.05	.45		2.21
Dutton	White																																....
El Dorado	Ouachita							.03	.92	.06							.10	.80				.24	1.37			.24					.34		4.10
England	Arkansas							.43	.32									1.60	.01		.70	.06	.49		T.	.12				T.		.14	3.87
Eureka Springs	White						03	.10											1.30	1.02	.80	1.10			.22	.25						.15	4.97
Fayetteville	White						02	.14	.03						.02			.04	1.46	.47	.67	.71	.56		04	.32				.04	T.	.12	4.64
Fort Smith ***	Arkansas						.12	.27	.10						T.		.03	.21	.18		.03	.74			.22				.03	T.	.02	.13	2.08
Freeman Sprgs.	Arkansas							.06	.05	.22								.22	.33	.46		.51	2.00			.09						T.	3.94
Fulton	Red				T.	T.		.57	1.52	.07								.62	T			.22	1.06										4.06
Georgetown	White							.40	.21	.08							.02	94				.70	1.26								.06	.02	3.69
Gilbert	White							02	.05	.15		.13									.26	.91				.17							1.69
Grannis	Red			T.				1.23	.80							T.	T.	.62	.23		.16	.86	.35		T	.08				.03	T.	.53	4.89
Gravette	Arkansas						T.	.04										T.	.50	.07	.32	.79	.17		.19	.22						.20	2.50
Harrison	White									.05								.68	.57	.61	.23	.40	.03		.02	.19						08	2.86
Helena	Mississippi					.02		.10	.12	.53							.03	.24				.34	.20			.07					.20	.12	1.97
Higden	White							.17	.20	.22								.26	.07	.50	.54	1.26	.55			.21					.07	.14	4.19
Highland	Ouachita							1.36	1.32									1.35			50	1.22	.62									.51	6.88
Hope	Red				T			1.10	.45	.53								.65			T.	.25	.48							T.		.50	3.96
Hot Springs	Ouachita							.73	.51									.90	.10		30	1.50	.85			.60						.40	5.89
Index	Red					.02		.95	1.00	.04								.46	.09			.14	1.22								03		3.95
Jessieville	Ouachita							*	.75	.65								.65				1.88	1.92			.15							6.00
Jonesboro	White							.26	T.	.30							T.	.22	.23	.16		1.55	1.25			.03					.15	.04	4.19
Lead Hill	White						.02	.08	T.									.70	.65	.44	.02	.49	.02		.01	.26						.07	2.76
Little Rock ***	Arkansas				T.		.01	.39	22	.01					T.		.02	.61			.40	1.04	.18		.06					T.	.08	.28	3.30
Lurton	White																																....
Lutherville	Arkansas						T.	.22	.33									.15	.22	.57	.26	.93	.35			.18						.40	3.61
Madison	St. Francis							.18	.16	.47							T.	.95	.05			.10	.32			.05					.10	T.	2.38
Magnolia	Red							1.00	.40								.32	.50			.55	.20	1.05								.29		4.31
Malvern	Ouachita							1.05	.30	.02								1.10	.02	.02		.49	.79			.05							3.84
Mammoth Spg.	White							T.		.34								.67	.39	.48		.40	2.28			.15				T.			4 71
Marianna	St. Francis								.65								.06	.83			T.	.03	11		.01	.11					.11		1.91
Marked Tree	St. Francis							.27	.08	.24								.42	.03			.60	1.12			.04					.19	.04	3.03
Marshall	White								.14	.03								.24	.12	.03	.07	.79	.45			.08							1.95
Mena	Ouachita				T.			.63	.64	.11								.18	.10	T.		.82	.37			.20				[illegible]	T.		3.05
Morrilton	Arkansas				T.			.65	.15	.40								30	.06			.90	1.15			.02				.02	.20	.08	3.93
Mountain Home	White						T.											.40	.05	.36	.08	.41	.13		T.	22				T.		T	1.65
Mount Ida	Ouachita							.85	.47									.65	.07		.18	1.22	.65			.30						.22	4.61
Newport	White							.32	.09	.13								.12	.06	.32		1.37	1.27			.31					.11	.03	4.13
Norman	Ouachita				.07			.89	.34	.31							T.	.72	.26	.03	.05	.78	.78			.21				.02			4.46
Oden	Ouachita							1.00	T.									.56	.06			.74	.29			15					.03		2.83
Okay	Red				.04			1.62	.80	.03						T.		1.09	.04		.13	.42	35								02	.42	4.96
Osceola	Mississippi							.36	.09	.32			T.					.43	.07	.09		.90	1.18			.04					.15		3.63
Ozark	Arkansas							.33		.25						.01		.17	.09	1.01		.70	.36			.29				T.	.01		3.22
Paragould	St. Francis							.12	.03	.33		.03					T.	.17	.18	.24		2.22	2.01			.18					.11		5.62
Parkin	St. Francis							.40	.18	.27			.05					.73	.05			.85	.50								.05		3.08
Patterson	White							.42	.35									.73	.08			1.22	1.90										4.70
Piggott	St. Francis									.25								.21	.04	.10	.15	.90	.78			.28				.02			2.73
Pine Bluff	Arkansas					T.		.22	.38	.18							.02	1.10	.03			.02	.78			.04				T.	.02		2.79
Pocahontas	White									.13								.30	.17		.08	.85	.48			.22						.08	2.31
Portland	Ouachita								.86		.02							.50				.03	2.20			.06		.14			.31		4.12
Prescott	Ouachita				.01	.02		.71	.93	.08								.59	.07			.25	.67										3.33
Rison	Ouachita							.32	32	.21								.85				.51				.55					.11		2.87
Rogers	White						T.	.02											1.01	.34	.52	.98			.03	.38						.13	3.41
St. Charles	White																																....
St. Francis	St. Francis							T.		.28								.29	.24	.21		.98	1.06			1.18				T.	.02		4.26
Searcy	White							.35	.14	.14								.42	.03			3.17	1.39			.02				.02	.33	.01	6.02
Springbank	Red					.03		.20	1.85	.06		T.	T				.05	.70	.05			.13	.37			.25				T.	.33		4.02
Story	Ouachita								.51									.66	.10			1.32	.51			.20							3.30
Stuttgart	Arkansas				.08			.33	.18	25	.01							1.21				.01	.19			.11				01	.26		2.64
Subiaco	Arkansas						.03	T.	.78	.01								.11	.05	.19		2.03	.02		.02					.04		.27	3.55
Sunset	Arkansas	T.					T.	24	.08	T.					T.			.41	.66	.45	.07	1.00	.03		.04	.21				.04	T.	.11	3.34
Texarkana	Red							.48	1.60									.92	.05			.20	1.38								.10	.20	4.93
Thornburg	Arkansas								.71	.65					T.	T.		T.	.36		.18	1.20	.48		T.	.10					.14	.13	3.95
Waldron	Arkansas						.12	.81	.54									.13		T.		2.15	.21		.11					.05		.44	4.56
Warren	Ouachita					T.		.20	.50	.30							.10	.75	T.			T	.30			.10					T.		2.25
Waters	Ouachita							1.10										.27	.09			.68	.31			.14							2.59
Whitecliffs	Red							1.18	1.20	.07							T.	1.56	T.				1.45			T.				T.			5.46
Wilson	Mississippi							.35	.60									.65		.04		.90	1.10	.10							.25		3.99
Wynne	St. Francis								.70	.18								.20	.95			1.10	.51			.20					T.	T.	3.84
Yancopin	Arkansas					T		.23	.36	.30							T.	.44				.14	.09			.01					.56	.04	2.17

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	8.2	7.6	6.1	6.1	6.0	5.6	5.1	4.8	4.2	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	6.5	6.1	7.8	12.2	13.0	11.8	11.6	10.8	9.1	8.1	7.8	7.0	6.4
Calico Rock	do	18	9.0	6.9	6.0	5.6	4.9	4.4	3.9	3.7	3.3	2.2	2.1	2.3	2.3	1.9	1.5	1.4	1.5	1.2	4.6	5.3	6.9	11.0	14.9	12.0	10.9	9.2	7.9	6.9	6.3	5.8	5.0
Batesville	do	23	19.4	14.7	12.4	11.8	11.0	10.2	9.6	9.2	9.0	8.6	7.4	7.7	7.7	7.6	7.2	6.5	6.3	6.3	6.4	9.8	12.2	17.2	21.7	20.9	18.4	17.4	15.4	12.7	12.7	12.0	11.0
Newport	do	26	24.3	24.1	23.4	22.5	21.8	20.7	19.8	18.8	18.0	17.2	16.4	15.5	14.9	14.3	13.4	12.4	10.8	9.3	7.8	8.0	10.3	14.6	19.1	22.2	23.0	22.8	22.6	21.7	20.6	19.6	18.5
Georgetown	do	22	21.5	22.8	23.5	23.6	23.5	23.4	23.2	22.9	22.5	22.2	21.8	21.5	21.1	20.7	20.3	19.8	19.3	18.3	17.2	16.0	16.5	18.3	19.5	20.5	21.2	21.3	21.6	21.9	22.0	22.1	22.0
De Valls Bluff	do	24	21.0	21.3	21.7	22.6	23.4	23.8	23.9	23.9	23.8	23.6	23.4	23.1	22.8	22.5	22.2	21.9	21.8	21.4	21.3	20.9	20.5	20.6	20.9	21.2	21.6	22.0	22.2	22.3	22.4	22.6	22.7
Clarendon	do	30	22.3	23.0	23.8	24.7	25.9	26.9	27.5	27.9	28.2	28.3	28.3	28.3	28.2	28.0	27.8	27.6	27.5	27.3	27.0	26.7	26.3	26.0	25.8	25.8	25.8	26.0	26.3	26.6	26.8	27.0	27.2
Gilbert	Buffalo	30	6.3	5.2	5.0	4.8	4.6	4.4	4.2	4.2	4.1	4.0	4.0	3.9	3.8	3.7	5.3	5.2	5.0	4.9	4.8	4.8	9.7	6.3	6.0	5.8	5.6	5.3	5.1	4.6	4.3	4.2	4.1
Black Rock	Black	14	21.5	19.8	18.8	18.3	18.2	18.1	18.1	17.9	17.6	17.3	16.5	15.5	14.4	13.2	11.5	9.8	8.4	7.5	7.6	8.4	9.0	14.3	18.3	17.4	16.5	15.8	15.4	14.6	14.0	13.5	12.8
Arkadelphia	Ouachita	12	19.4	13.8	6.4	5.8	5.8	5.0	5.0	6.6	7.2	5.8	5.4	6.0	5.8	4.8	3.4	3.0	3.6	5.8	5.6	4.8	6.4	10.0	10.2	8.8	8.0	6.4	5.0	4.8	4.6	4.6	3.4
Camden	Ouachita	26	22.4	26.8	28.0	31.0	31.9	30.9	30.0	27.9	26.1	25.0	24.5	23.7	23.0	22.6	21.6	19.4	18.5	15.5	17.4	19.4	19.8	19.9	21.6	24.1	25.6	26.0	26.0	25.6	24.3	21.9	19.4
Fulton	Red	28	20.4	19.8	19.3	18.8	18.2	17.5	16.3	15.6	15.8	16.7	17.5	17.4	17.0	16.4	14.7	13.6	12.2	11.7	11.8	11.8	11.5	11.7	14.3	16.6	17.5	17.2	16.5	15.6	15.0	14.0	12.7
Helena	Mississippi	44	26.9	29.4	31.8	33.6	35.0	36.0	36.7	37.5	38.1	38.7	39.1	39.5	39.8	39.9	39.8	39.7	39.1	38.2	36.8	35.1	33.0	31.0	29.3	28.2	28.4	30.0	32.2	34.1	35.5	36.5	37.3
Arkansas City	do	48	28.3	30.2	32.1	33.7	35.0	36.0	37.0	37.6	38.2	38.8	39.3	39.7	40.3	40.8	41.1	41.3	41.4	41.4	41.2	40.8	40.1	39.2	37.9	36.8	36.0	35.8	36.0	36.8	37.6	38.3	38.9

Daily temperatures for January, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	49	54	56	61	61	69	51	45	60	63	56	46	60	63	61	62	66	68	70	65	71	66	70	69	64	66	53	48	45	66	55	59.8
	Minimum	19	20	28	41	42	29	30	40	35	35	39	26	21	23	33	35	49	61	48	45	50	46	36	36	40	37	37	30	32	40	43	36.3
Batesville §§	Maximum	42	50	55	55	60	57	52	44	52	58	52	43	55	55	60	56	64	69	64	64	70	64	67	60	60	62	50	46	47	52	56	56.2
	Minimum	14	14	27	40	32	26	26	37	..	..	..	..	..	..	..	..	..	..	..	..	30	55	34	33	32	30	29	20	22	38	41	30.5
Bee Branch	Maximum	43	51	53	64	63	60	58	52	59	60	58	48	54	55	60	57	70	66	66	63	68	68	66	65	63	63	63	50	46	51	51	58.5
	Minimum	17	23	30	47	38	30	48	38	36	32	41	23	22	31	27	47	52	60	60	39	56	50	33	37	42	34	37	25	36	42	47	38.1
Bentonville	Maximum	44	51	58	60	60	55	53	51	55	58	53	44	49	53	55	63	55	65	56	59	66	61	63	67	56	61	46	46	49	52	58	55.5
	Minimum	23	30	42	37	27	36	34	33	31	40	22	16	29	29	39	53	42	53	42	36	58	46	37	39	32	37	31	26	36	38	44	36.1
Blytheville	Maximum	42	47	55	59	59	62	56	52	52	57	55	44	51	..	63	61	59	69	66	65	65	68	68	73	62	63	56	43	47	49	56	57.5
	Minimum	26	20	33	47	38	33	51	38	38	34	44	24	23	..	32	42	51	49	51	40	59	58	39	43	46	35	35	25	33	43	45	39.2
Booneville	Maximum	51	57	60	69	66	59	58	49	59	63	60	48	59	62	59	78	69	69	68	63	70	70	70	74	64	68	66	64	47	58	58	62.4
	Minimum	19	28	37	52	32	30	47	39	29	37	41	20	21	30	32	53	54	63	39	44	56	48	35	36	37	36	37	26	38	44	50	38.4
Brinkley	Maximum	48	54	63	61	62	68	60	52	58	63	56	46	55	57	64	55	64	72	71	75	76	71	71	72	64	65	61	50	51	52	55	61.0
	Minimum	17	22	32	52	43	27	50	41	37	33	44	25	19	29	31	45	53	58	51	46	64	57	36	38	45	33	38	27	36	43	47	39.3
Calico Rock§§	Maximum	47	52	56	67	62	59	52	46	58	59	47	46	55	56	61	60	65	68	62	61	70	71	66	63	61	64	50	46	46	60	56	57.8
	Minimum	15	20	24	29	28	24	26	31	29	27	36	16	16	18	24	26	51	52	40	31	32	48	34	34	34	30	31	22	23	37	40	29.9
Camden§§	Maximum	49	55	64	65	63	67	55	49	63	64	63	48	58	61	62	62	66	71	75	71	75	68	74	71	64	72	57	49	53	55	60	62.2
	Minimum	21	21	27	41	44	29	30	43	35	33	39	29	22	22	33	34	49	59	56	52	52	53	36	36	39	36	39	31	33	41	44	37.4
Carthage	Maximum	48	52	63	62	62	67	62	50	61	63	59	51	58	57	61	59	65	69	74	72	74	71	73	71	69	68	68	52	51	54	58	62.1
	Minimum	16	20	28	53	42	27	46	40	33	29	45	27	19	27	28	45	55	59	49	46	64	51	33	37	41	33	39	28	38	43	42	38.2
Center Point	Maximum	49	55	56	61	67	68	57	51	63	64	60	53	57	61	55	59	65	68	74	73	71	67	70	70	65	65	63	55	46	55	55	61.2
	Minimum	22	27	38	50	45	36	44	41	34	39	44	28	23	30	35	51	56	62	42	47	61	48	36	41	40	42	37	30	40	43	49	40.7
Conway	Maximum	45	52	54	64	61	64	59	50	59	63	58	45	54	58	63	56	70	69	68	63	74	69	70	66	63	65	61	49	47	55	55	59.6
	Minimum	23	24	32	51	40	30	49	41	37	32	44	25	21	29	31	50	54	62	44	42	58	52	33	38	44	37	37	28	39	43	48	39.3
Corning	Maximum	41	50	58	58	56	60	53	48	55	59	54	45	51	53	62	57	55	66	67	58	67	67	67	60	62	65	59	43	42	58	53	56.4
	Minimum	19	24	32	47	31	29	45	33	35	34	39	20	20	27	33	47	47	43	45	33	49	56	36	38	43	32	34	25	32	41	46	36.0
Crossett §§	Maximum	49	55	67	69	64	60	60	56	58	63	67	46	57	58	65	63	68	72	73	77	79	62	75	74	66	70	58	53	54	55	62	63.1
	Minimum	18	21	23	35	52	33	33	48	40	36	41	31	23	24	31	35	49	58	58	58	63	58	41	39	41	36	40	32	36	37	42	39.1
Dardanelle	Maximum	50	55	53	67	61	58	56	51	61	64	60	46	55	59	63	57	70	72	69	58	70	69	69	65	63	66	63	49	47	57	60	60.1
	Minimum	20	27	31	49	35	30	51	40	33	34	45	24	22	29	29	49	53	64	44	40	53	49	35	36	40	36	36	28	39	42	48	38.4
Dumas	Maximum	48	55	68	68	60	64	60	53	64	65	65	50	57	63	63	57	67	69	77	75	78	72	74	74	67	69	64	52	52	58	59	63.5
	Minimum	20	26	33	50	45	30	49	44	47	34	40	28	23	31	34	48	53	58	58	53	64	56	42	42	45	38	39	31	38	43	40	41.4
El Dorado	Maximum	51	55	64	66	65	65	61	55	55	64	64	51	58	61	62	60	65	72	77	74	75	71	75	71	66	72	68	55	51	54	58	63.3
	Minimum	23	28	37	52	51	36	49	46	41	37	47	32	26	32	34	50	58	60	60	59	65	56	42	44	46	41	39	36	41	39	45	43.6
England	Maximum	44	52	63	61	60	67	60	49	69	63	56	45	56	56	61	55	64	71	72	72	75	71	71	70	63	67	..	60	49	..	55	61.3
	Minimum	21	21	35	54	44	30	48	42	37	37	44	27	22	34	35	48	53	60	54	48	65	53	40	40	44	38	..	29	39	..	43	41.0
Eureka Springs	Maximum	49	52	60	62	62	58	53	49	57	58	56	47	50	53	56	61	57	68	63	58	66	65	65	68	57	62	48	46	53	55	62	57.3
	Minimum	21	31	41	45	28	43	41	34	31	44	31	15	32	31	43	51	41	50	47	39	57	47	39	42	34	40	30	23	36	38	46	37.8
Fayetteville	Maximum	44	50	57	60	60	55	53	49	56	57	53	44	48	53	54	62	60	66	64	59	67	66	65	65	57	60	53	46	48	52	56	56.1
	Minimum	22	32	41	48	26	36	41	34	29	43	30	17	28	30	40	49	46	57	41	34	55	45	36	38	32	40	30	25	36	43	46	37.1
Fort Smith	Maximum	50	55	60	63	61	53	52	46	60	64	57	44	55	58	20	62	55	71	60	57	69	64	63	59	59	64	51	47	49	56	59	57.5
	Minimum	23	30	37	45	36	36	44	39	34	39	30	24	27	34	36	52	48	53	46	44	56	49	40	42	37	41	35	31	39	43	48	39.3
Gravette	Maximum	43	50	58	56	57	54	52	50	56	58	57	41	49	52	55	63	60	65	65	59	69	65	66	66	54	60	49	48	59	52	56	56.3
	Minimum	20	30	40	44	23	35	38	33	26	40	21	15	27	28	40	49	38	49	37	37	54	42	32	39	27	40	28	25	37	37	43	34.6
Harrison	Maximum	43	48	55	68	59	55	57	47	53	59	55	42	50	52	55	66	55	66	62	52	68	64	62	64	55	61	55	44	49	55	60	56.0
	Minimum	17	24	36	44	26	27	39	30	30	39	28	14	21	24	32	51	46	51	43	30	50	47	36	30	30	30	32	30	40	47	34	34.3
Helena	Maximum	45	50	60	59	58	66	58	52	57	59	60	52	54	56	61	55	63	71	74	73	75	70	72	71	64	62	60	47	52	51	56	60.1
	Minimum	16	27	35	49	44	34	49	42	34	37	45	27	20	34	37	45	53	57	55	53	61	55	43	45	43	39	38	30	36	42	46	41.0
Highland	Maximum	53	54	56	62	63	66	69	47	68	67	65	53	50	57	61	68	65	68	72	65	71	68	70	69	66	68	61	50	56	57	54	61.9
	Minimum	25	25	37	52	46	39	46	42	41	40	45	28	28	30	38	45	55	62	50	52	60	56	45	48	44	41	37	34	39	40	49	42.5
Hope	Maximum	49	56	60	65	64	65	59	47	68	66	63	50	56	61	60	60	67	70	73	70	73	72	73	71	70	69	58	50	49	54	58	62.1
	Minimum	21	26	39	54	45	32	44	43	38	42	48	29	23	31	45	50	56	63	53	52	61	52	38	41	42	42	36	31	41	43	50	42.3
Hot Springs	Maximum	44	53	58	62	61	65	62	51	64	60	62	53	55	60	59	59	64	68	70	71	68	70	67	69	67	65	54	49	57	59	58	60.8
	Minimum	21	28	35	54	42	33	47	41	37	38	47	26	25	34	36	49	55	60	44	55	63	53	53	41	44	39	32	39	43	47	49	42.3
Jonesboro	Maximum	43	51	58	60	58	64	56	46	56	60	55	42	54	53	63	56	60	70	65	58	68	68	68	64	62	65	57	44	45	50	54	57.2
	Minimum	19	24	33	51	40	31	46	39	38	34	41	24	22	33	30	44	44	50	52	42	53	56	43	43	45	35	37	28	34	42	46	38.7
Lead Hill	Maximum	48	54	60	64	61	55	54	48	56	61	58	46	54	55	59	64	57	68	66	60	69	68	65	64	58	65	60	46	51	60	62	58.6
	Minimum	14	21	27	30	24	22	38	28	25	26	34	13	16	20	22	49	44	49	42	29	46	49	30	28	37	28	33	20	36	34	45	30.9
Little Rock	Maximum	44	52	60	61	57	65	56	45	58	62	54	43	55	55	60	56	64	68	68	68	72	65	69	69	60	65	52	45	48	55	56	58.3
	Minimum	22	30	37	54	43	36	47	42	40	39	34	27	27	36	37	48	53	62	52	49	60	51	42	44	44	43	40	34	40	44	47	42.1
Lutherville	Maximum	45	51	55	63	60	55	53	45	59	62	56	47	50	56	58	55	69	66	65	57	68	62	67	62	58	63	60	46	63	53	55	56.9
	Minimum	19	26	34	45	34	33	45	38	32	36	40	22	23	32	33	49	50	61	43	40	53	48	38	41	37	36	35	26	37	40	47	37.8
Magnolia	Maximum	50	55	63	66	64	64	62	49	63	64	63	55	59	61	61	62	66	71	75	72	74	73	75	71	67	72	65	56	52	53	59	63.3
	Minimum	24	30	38	51	48	37	45	44	38	39	50	30	25	31	37	48	59	61	55	56	65	53	41	43	44	42	37	35	40	43	43	43.0
Malvern	Maximum	48	55	62	61	63	66	61	48	63	59	64	59	58	59	61	57	65	68	73	65	73	67	70	71	65	66	62	49	48	58	57	61.3
	Minimum	18	23	29	54	44	29	47	41	33	44	31	26	21	28	26	48	54	62	48	46	61	49	35	37	43	35	37	29	38	43	47	38 9
Mammoth Spring	Maximum	47	49	59	62	58	58	52	58	55	59	55	44	50	52	61	63	55	67	66	58	68	68	63	66	61	68	58	43	42	60	56	57.5
	Minimum	14	22	30	42	27	24	42	34	32	31	28	16	19	21	26	46	49	47	41	31	41	44	34	36	35	29	34	24	32	40	42	32.7
Marianna	Maximum	41	50	60	61	60	66	60	53	56	60	58	49	53	55	61	56	63	71	71	74	74	74	70	70	65	63	60	51	52	51	57	60.2
	Minimum	20	28	34	51	45	31	51	40	39	35	46	27	23	33	36	46	54	60	57	50	63	43	42	39	46	39	40	30	35	36	48	40.9
Marked Tree§§	Maximum	41	49	57	59	58	64	55	45	54	59	53	42	53	53	61	57	61	70	69	71	70	67	69	71	62	63	50	43	47	50	56	57.4
	Minimum	18	24	26	35	40	30	32	40	37	32	36	25	21	29	29	40	47	54	52	42	45	57	41	40	40	35	38	28	28	35	42	36.1
Marshall	Maximum	42	43	50	58	58	55	55	49	51	55	53	46	45	48	56	56	59	64	64	57	69	66	65	58	58	58	58	43	44	51	58	54.6
	Minimum	11	27	46	47	27	30	42	32	28	48	30	15	19	23	38	47	49	56	38	32	54	46	31	32	39	35	31	20	33	39	45	34.8
Mena	Maximum	46	53	54	64	62	59	55	46	59	61	56	50	54	58	56	63	66	65	65	54	68	65	66	70	63	62	50	46	44	54	54	58.0
	Minimum	19	26	42	50	37	36	46	38	34	41	39	25	25	32	40	51	51	61	39	43	60	44	37	40	42	39	37	27	37	41	48	39.6
Morrillton §§	Maximum	48	52	56	65	59	62	51	45	58	61	51	46	52	57	59	59	68	69	65	67	71	68	66	64	61	64	53	47	47	55	56	58.1
	Minimum	21	23	28	38	39	30	32	40	37	37	41	25	24	26	33	39	50	53	48	43	46	52	40	38	39	37	39	31	32	39	43	36.9
Mountain Home	Maximum	45	52	55	64	62	56	58	49	57	60	53	45	53	54	61	62	54	65	65	54	68	69	66	59	63	64	53	45	45	61	57	57.2
	Minimum	17	23	31	41	27	28	29	32	33	33	30	16	20	25	28	48	48	50	42	33	48	48	34	36	38	31	33	24	32	36	42	33.4
Mount Ida	Maximum	47	55	55	65	62	61	59	48	62	63	59	48	58	61	60	58	69	67	72	59	72	68	72	69	64	65	61	47	44	59	55	60.1
	Minimum	12	20	31	55	32	24	45	39	38	29	41	19	15	26	26	51	53	64	36	36	37	46	29	31	34	30	37	23	36	42	50	34.7
Newport	Maximum	43	51	56	59	60	59	55	48	58	60	57	42	55	53	61	55	60	68	67	55	69	69	66	63	61	64	59	46	47	50	52	57.0
	Minimum	20	27	33	51	39	31	47	44	36	35	40	25	21	30	31	47	53	58	49	40	50	56	39	40	45	38	39	28	36	43	47	39.3
Pine Bluff	Maximum	50	55	66	62	71	70	58	49	62	66	56	47	61	60	64	57	66	71	78	74	76	73	76	75	67	69	61	57	53	57	58	63.4
	Minimum	19	25	35	55	43	30	48	43	38	37	47	29	23	34	36	49	54	60	58	58	61	55	39	41	43	39	40	33	40	44	46	42.0
Pocahontas	Maximum	40	48	56	60	58	58	54	50	56	60	56	44	52	51	61	58	57	68	68	60	69	69	66	61	62	64	63	49	43	55	54	57.1
	Minimum	15	21	26	41	32	27	45	33	36	34	41	19	19	38	26	45	50	44	46	34	48	53	37	40	43	41	34	25	32	40	45	35.8
Portland	Maximum	47	54	66	70	67	59	59	52	59	63	66	52	54	62	65	61	69	71	79	74	79	74	76	73	65	69	63	54	54	55	61	63.6
	Minimum	21	25	31	49	53	33	51	46	40	34	49	32	24	27	30	47	56	57	63	60	65	56	43	43	48	36	40	34	40	44	43	42.6
Prescott	Maximum	50	56	63	63	64	69	63	47	66	65	63	55	58	63	62	60	68	70	73	72	73	70	75	73	70	71	69	55	49	55	57	63.5
	Minimum	20	23	34	52	45	32	44	42	43	37	46	28	23	34	38	48	55	61	50	53	65	51	38	41	41	39	35	32	40	42	49	41.3
Rison	Maximum	49	50	61	67	65	69	65	52	64	64	64	53	59	61	61	60	65	68	76	78	77	76	78	75	68	69	77	57	51	56	59	64.3
	Minimum	19	26	35	53	44	31	47	43	37	37	48	27	22	34	37	46	54	58	56	53	64	53	40	42	41	39	39	31	37	42	44	41.3
Searcy	Maximum	42	51	56	61	60	62	52	49	59	61	57	44	54	54	62	55	63	70	68	60	72	70	67	66	63	65	61	48	46	50	53	58.1
	Minimum	17	22	29	49	40	27	45	39	35	30	42	34	20	26	25	45	51	59	48	42	54	53	37	37	43	33	38	27	35	42	47	37.8
Stuttgart	Maximum	46	52	64	62	61	69	59	51	57	64	56	46	56	57	63	57	64	71	71	73	76	74	72	73	64	67	59	48	50	53	55	61.0
	Minimum	21	27	36	41	43	31	50	43	39	37	46	28	23	35	35	47	53	58	55	51	65	56	42	43	45	38	40	30	39	44	48	41.6
Subiaco	Maximum	47	55	60	67	61	53	53	46	59	64	60	59	53	58	63	60	67	74	69	60	68	67	66	62	60	65	55	47	47	58	62	59.5
	Minimum	20	25	31	40	34	31	44	39	38	38	36	23	23	31	31	52	51	63	47	41	53	50	37	38	40	36	34	29	39	42	48	38.2
Sunset	Maximum	41	47	54	60	62	55	49	47	57	56	53	42	49	51	53	53	58	60	59	57	61	61	63	62	56	59	51	42	40	49	48	53.4
	Minimum	22	29	38	45	37	41	39	36	33	40	28	19	29	30	40	46	50	57	39	45	55	41	42	45	34	43	29	27	32	38	44	37.8
Texarkana	Maximum	60	55	61	65	67	69	59	48	69	66	63	52	55	64	61	62	67	71	75	72	73	69	72	70	68	71	68	54	48	52	54	63.2
	Minimum	29	44	47	57	51	35	42	41	35	38	49	27	22	29	35	51	52	62	49	54	67	59	40	42	40	40	35	34	40	42	48	43.1
Thornburg	Maximum	46	52	45	63	58	66	58	47	60	61	59	..	56	60	62	65	68	67	70	70	70	67	70	67	67	65	58	50	45	58	54	60.1
	Minimum	13	25	38	45	31	25	45	39	31	30	42	..	16	25	35	39	53	62	35	34	60	50	32	31	40	28	33	22	34	42	48	36.1
Warren	Maximum	46	54	63	66	64	64	57	66	64	62	62	51	53	57	61	58	65	69	81	72	74	73	73	72	67	68	67	54	52	55	60	62.9
	Minimum	20	25	33	51	48	32	48	51	41	36	48	29	24	32	35	48	55	59	60	55	66	54	41	42	45	38	40	34	39	42	44	42.4
Wilson	Maximum	42	49	56	58	57	65	60	54	54	59	56	47	56	51	62	61	59	70	68	71	70	69	67	72	65	62	62	47	51	49	57	58.8
	Minimum	19	27	34	49	39	31	49	36	35	34	45	24	20	28	35	44	51	56	51	42	61	41	40	40	45	38	35	26	34	30	45	38.2
Wynne	Maximum	42	46	48	46	49	53	64	54	54	60	55	45	52	53	50	58	56	71	72	72	71	69	67	72	63	63	53	45	49	50	55	56.7
	Minimum	16	32	30	31	36	39	44	39	34	33	40	23	18	26	36	40	46	49	60	47	61	47	38	42	40	35	36	25	33	36	45	37.3

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 2 28-33-1000

51.05
UNAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

Vol. XXXVIII Little Rock, Ark., February, 1933 No. 2

GENERAL SUMMARY

The mild weather of the preceding month continued for the first four days of February, but a serve cold wave, with drops in temperature exceeding 50° in some sections, overspread the State on the 7th-8th bringing temperatures as low as zero on the 8th nearly to the southern border in the southwestern portion of the State and as low as 13° below zero in the Ozarks. Temperatures continued below normal until the 15th but thereafter they were nearly continuously above. The average temperature for the State, based on the reports of 60 stations, was 41.5° which is 2.1° below the mean for the past 43 years. All stations except two for which normals have been computed had negative departures. Monthly means ranged from 36.0° at Calico Rock in the northern portion to 48.8° at Portland in a southeastern border county. The highest temperature recorded was 82° at Crossett on the 24th; the lowest, 13° below zero at Sunset on the 8th and at Lead Hill on the 11th. The greatest daily range was 52° at Lead Hill on the 11th.

The average precipitation for the State for the 91 stations reporting was 3.53 inches which is 0.16 inch above the mean for the past 43 years. Monthly totals ranged from 1.53 inches at Harrison and Lead Hill to 8.69 inches at Yancopin. Rainfall was generally below normal in the northern half of the State and decidedly above normal in southern border counties and in most of the southeastern portion. Malvern and Warren reported 17 rainy days while the State average was 10. Snow occurred in most sections of the State on the 8th and in all sections on the 10th, Piggott reporting a fall of 5.7 inches on the 10th and 11th. Snow also occurred in the northwestern portion of the State on the 28th but it melted rapidly. Monthly totals of snowfall ranged from a trace at Fulton to 6.3 inches at Lutherville, the average for the State for the 91 stations being 2.4 inches. The greatest amount of rainfall measured in any 24-hour period was 3.42 inches at Yancopin on the 20th.

Peaches, pears, and plums were severely damaged in all but the extreme northern portion of the State by the severe cold wave of the 7th-8th. The large peach orchards in west-central and southwestern sections of the State reported a large portion of fruit buds killed. The snow cover was favorable for wheat, oats, and other winter crops but early truck crops were badly damaged. Some plowing was done the first and latter parts of the month but the soil was too wet in most portions. The mild weather of the latter part of the month was favorable for all winter crops, and wheat, oats, and winter truck improved. Some potatoes and other spring truck were planted the latter part of the month.

T.A.M.

Corrections: January, 1933

Fulton precipitation, rainfall on 30th should be 0.02 inch, total for month 4.08 inches, departure from the normal −0.27.

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Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	2	1				2							12	20		2	1	6	3			1	15	8			1				
Light Hail																															
Sleet						3	9	1	2	8		1	1	1				1									4				
Heavy Hail																															
Thunderstorms	1					3	3					1	2	14					2						3						

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	30.08	30.67	9	29.64	6	7.5	21	s	6	....	....	....	60
Fort Smith	30.13	30.71	9	29.70	17	9.1	30	nw	25	77	66	60	51
Little Rock	30.16	30.77	9	29.52	7	8.6	24	nw	20	76	56	57	48
Memphis	30.15	30.80	9	29.49	7	8.6	30	nw	7	74	60	65	42

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	+2.9	80	5	2.92	−0.45	7.87	0.75	....	8	10	9	9
1892	49.0	+5.4	78	18	3.47	+0.10	6.50	1.24	T.	7	11	9	9
1893	42.4	−1.2	74	2	4.05	+0.68	6.63	0.07	0.8	8	9	6	13
1894	40.5	−3.1	75	0	6.32	+2.95	11.46	2.15	2.5	8	8	7	13
1895	33.5	−10.1	78	−17	0.71	−2.66	1.99	0.10	2.0	4	10	7	11
1896	45.2	+1.6	79	11	3.30	−0.07	7.69	1.44	0.5	6	15	6	8
1897	46.6	+3.0	89	7	2.59	−0.78	5.80	0.45	0.7	4	10	7	11
1898	45.8	+2.2	82	7	2.08	−1.29	5.28	0.47	T.	5	15	5	8
1899	31.8	−11.8	75	−25	2.18	−1.19	4.15	0.63	3.3	6	12	6	10
1900	39.7	−3.9	74	−5	5.06	+1.69	6.06	1.92	1.2	8	9	7	12
1901	40.8	−2.8	79	10	2.18	−1.19	4.45	0.74	2.0	6	10	7	11
1902	35.0	−8.6	72	−2	2.60	−0.77	4.63	0.50	4.8	5	9	8	11
1903	41.0	−2.6	79	−12	7.63	+4.26	11.49	3.15	3.2	10	10	6	12
1904	44.9	+1.3	86	10	2.47	−0.90	5.01	0.18	1.4	5	12	8	9
1905	32.3	−11.3	82	−29	2.55	−0.82	5.71	1.00	8.7	7	9	6	13
1906	41.8	−1.8	75	−7	2.21	−1.16	4.00	0.87	1.7	6	15	5	8
1907	44.9	+1.3	83	4	2.77	−0.60	5.45	0.29	0.5	5	12	6	10
1908	44.2	+0.6	78	0	5.26	+1.89	12.70	1.92	0.4	9	12	5	12
1909	47.3	+3.7	82	5	5.41	+2.04	8.96	1.57	0.9	8	13	6	9
1910	39.0	−4.6	75	−13	3.66	+0.29	6.57	1.60	5.9	7	11	6	11
1911	49.8	+6.2	87	7	4.31	+0.94	7.20	2.38	0.3	9	9	8	11
1912	37.9	−5.7	78	−7	2.80	−0.57	4.50	1.32	4.5	6	12	8	9
1913	41.0	−2.6	82	5	3.74	+0.37	5.97	0.95	1.8	8	11	6	11
1914	40.4	−3.2	79	−2	4.23	+0.86	8.60	1.68	0.9	7	11	7	10
1915	45.9	+2.3	76	11	4.47	+1.10	6.90	2.52	1.3	8	11	5	12
1916	43.4	−0.2	82	6	1.78	−1.59	4.43	0.06	1.3	5	14	4	11
1917	43.4	−0.2	89	−4	1.93	−1.44	4.80	0.50	1.1	4	15	5	8
1918	46.9	+3.3	93	4	1.17	−2.20	4.44	0.00	0.4	4	12	6	10
1919	44.1	+0.5	80	−10	3.34	−0.03	5.56	1.44	2.5	8	13	4	11
1920	45.0	+1.4	79	−2	1.26	−2.11	3.18	0.35	1.0	5	11	8	10
1921	48.3	+4.7	85	−3	3.59	+0.22	8.90	1.06	9.8	6	15	5	8
1922	47.8	+4.2	84	10	4.89	+1.52	9.70	1.70	1.3	8	9	7	12
1923	41.9	−1.7	80	5	4.66	+1.29	8.21	1.66	1.9	8	11	4	13
1924	42.9	−0.7	82	−7	2.26	−1.11	6.36	0.60	0.4	7	12	4	13
1925	49.3	+5.7	83	12	3.37	0.00	6.65	1.04	0.5	6	12	7	9
1926	48.5	+4.9	88	10	2.02	−1.35	3.52	0.61	0.3	4	15	5	8
1927	52.1	+8.5	90	9	2.62	−0.75	7.02	1.23	1.5	8	10	7	11
1928	45.0	+1.4	79	10	2.23	−1.14	4.69	0.96	0.6	7	12	6	11
1929	35.4	−8.2	76	−20	4.01	+0.64	6.29	1.97	8.8	10	9	4	15
1930	52.2	+8.6	86	16	3.92	+0.55	6.18	1.60	0.0	6	12	6	10
1931	48.2	+4.6	75	14	4.77	+1.40	8.04	2.52	T.	8	13	4	11
1932	52.0	+8.4	86	9	4.72	+1.35	8.14	1.14	T.	9	13	5	11
1933	41.5	−2.1	82	−13	3.53	+0.16	8.69	1.53	2.4	10	11	5	12
Period	43.6	.....	93	−29	3.37	.....	12.70	0.00	2.0	7	11	6	11

Daily River Stages for February, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.4	6.0	5.8	5.8	5.6	5.4	5.2	5.1	5.1	4.8	4.6	4.3	4.3	4.2	4.4	4.4	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.8	6.8	8.1			
Ozark	do	22	3.3	3.0	2.8	2.5	2.3	2.1	2.1	2.0	1.9	1.4	1.0	0.9	0.5	0.4	1.0	0.7	1.0	0.9	0.9	0.9	0.9	1.1	1.0	0.9	0.9	1.1	1.6	2.7			
Dardanelle	do	22	6.8	6.5	6.1	5.7	5.7	5.6	5.5	5.4	5.2	5.0	4.3	4.3	4.5	4.5	4.5	4.5	4.6	4.5	4.5	4.4	4.5	4.5	4.4	4.3	4.4	4.5	4.8	5.4			
Morrillton	do	20	4.1	3.5	3.0	2.6	2.1	1.9	1.6	1.5	1.4	1.3	1.2	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.2	0.3	0.6	1.0			
Little Rock	do	23	4.9	4.3	3.7	3.2	2.8	2.5	2.4	2.4	2.9	2.6	2.1	1.4	1.1	1.1	1.3	1.3	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.8	1.0	1.3			
Pine Bluff	do	25	10.7	9.9	9.4	8.8	8.6	8.1	7.8	7.7	7.7	8.0	7.8	7.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.6	6.3	5.9	6.0	6.0	6.4			
Yancopin	do	29	28.5	28.7	28.8	28.9	29.1	29.2	29.4	29.5	29.6	29.7	29.7	29.4	29.0	28.5	28.0	27.3	26.5	25.6	24.9	24.5	24.2	24.1	24.2	24.4	24.6	24.9	25.2	25.6			
Danville	Petit Jean	20	6.5	6.5	6.1	5.8	5.5	5.4	5.4	5.2	4.9	4.8	4.8	4.7	4.5	4.5	4.4	4.3	4.3	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.8	5.0	6.7	7.4			

Climatological Data for February 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	39.8[a]	-4.8	80[a]	25	-1	8†	43[b]	4.11	+0.57	0.99	2.8	9	4	14	10	.....	J. W. Campbell
Arkadelphia	Clark	250	38	.....	.....	.....	.....	.....	.....	.....	4.76	+1.08	0.94	2.8	12	9	5	14	.....	W. K. Bown
Arkansas City	Desha	145	49	.....	.....	.....	.....	.....	.....	.....	6.20	+1.83	1.26	0.2	12	7	3	18	.....	Herbert Neff
Arlberg	Stone	700	11	.....	.....	.....	.....	.....	.....	.....	2.78	-0.68	....	2.1	10	15	3	10	ne.	J. D. Reeves
Batesville	Independence	277	34	36.6	-4.2	72	24	-1	9	42	3.68	+0.39	0.94	2.0	11	14	5	9	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	40.8	-1.6	75	23†	2	8	39	3.02	-0.01	0.87	1.0	9	13	4	11	n.	J. E. Scanlan
Bentonville	Benton	1303	28	36.6	-3.0	75	23	-10	8	43	1.76	-0.39	1.34	1.1	7	10	5	13	s.	U. S. Weather Burea
Big Lake Outlet ‡‡	Mississippi	....	3	.....	.....	.....	.....	.....	.....	.....	2.15	.....	0.75	3.5	7	11	2	15	.....	Harry Johnson
Black Rock	Lawrence	259	32	.....	.....	.....	.....	.....	.....	.....	2.94	-0.10	1.29	4.0	11	14	2	12	s.	Vernon C. Howe
Blytheville	Mississippi	252	8	40.8	.....	72	23†	3	9	31	2.18	.....	0.53	3.6	11	13	8	7	n.	Samuel Norris
Booneville	Logan	465	19	42.1	-3.9	78	23	-3	8	45	1.82	-0.31	0.74	0.8	5	15	1	12	w.	F. H. Randolph
Brinkley	Monroe	205	46	42.9[a]	-0.9	78[a]	24	0	9	39[a]	3.53	-0.47	0.67	2.0	10	9	6	13	ne.	R. J. Torry
Calico Rock	Izard	361	29	36.0	-5.8	76	23	-7	11	51	2.09	-0.38	0.52	3.0	9	5	14	9	w.	W. J. Copp
Camden	Ouachita	158	48	44.2	-3.0	79	24	6	8†	42	7.54	+3.66	1.63	1.9	14	7	2	19	n.	Georgia Quarterman
Carthage	Dallas	....	28	..	.....	..	..	..	..	..	....	.....	....	...	..	..	..	..	.....	H. K. Bell
Center Point	Howard	470	34	44.2	-2.8	77	24	0	8	38	3.36	-0.01	0.82	4.0	13	10	4	14	se.	John C. Floyd
Clarendon	Monroe	172	29	.....	.....	.....	.....	.....	.....	.....	3.88	+0.06	1.10	2.0	11	6	2	20	n.	J. W. Bishop
Clinton	Van Buren	516	12	.....	.....	.....	.....	.....	.....	.....	2.50	-0.83	0.66	1.5	8	12	6	10	sw.	A. L. Stephens
Conway	Faulkner	309	50	42.4	-1.6	78	23	4	8	42	2.24	-1.35	0.84	2.5	9	13	4	11	e.	E. E. Cordrey
Corning	Clay	293	40	38.8	-0.7	72	23	-1	11	35	3.02	-0.34	1.00	2.0	8	14	3	11	sw.	Winfred D. Polk
Cotter	Baxter	408	6	.....	.....	.....	.....	.....	.....	.....	2.04	.....	1.38	2.5	3	16	4	8	nw.	O. B. McSpadden
Crosset	Ashley	175	21	47.0	.....	82	24	8	8†	42	6.77	+3.73	1.55	2.2	14	7	3	18	n	G. A. Gifford
Danville	Yell	327	17	.....	.....	.....	.....	.....	.....	.....	1.92	-0.47	0.65	2.0	4	17	0	11	nw.	H. Inglis
Dardanelle	Yell	330	47	42.0	-2.8	79	23	0	8	44	2.42	-0.54	0.60	0.8	8	5	11	12	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	6	.....	.....	.....	.....	.....	.....	.....	3.03	.....	0.60	2.0	11	8	3	17	.....	H. G. Pate
Dumas	Desha	162	28	45.1	-4.0	79	24	5	9	38	7.15	+3.16	1.70	4.0	12	7	8	13	n.	Ben Johnson
Dutton	Madison	1590	30	.....	.....	.....	.....	.....	.....	.....	....	.....	....	..	..	..	..	..	.....	J. M. Ricketts
El Dorado	Union	270	33	48.4	-0.2	81	24	7	8	36	6.74	+2.69	1.64	0.5	15	8	1	19	se.	J. J. Babb
England	Lonoke	229	26	42.2[b]	-5.0	78[b]	25	4[b]	9	34[b]	3.99	+0.14	0.87	2.5	14	10[b]	5[b]	11[b]	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	38.9	-1.9	76	23	-11	8	49	2.71	+0.18	1.51	1.2	8	13	6	9	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	38.6	-1.4	75	23	-9	8	46	3.56	+0.24	2.61	1.4	10	12	8	8	sw.	University of Arkansa
Fort Smith	Sebastian	457	52	41.4	-1.4	78	23	-3	8	38	1.89	-0.67	0.63	1.1	8	12	5	11	e.	U. S. Weather Bure
Freeman Springs ‡‡	Pope	2240	9	.....	.....	.....	.....	.....	.....	.....	2.38	.....	0.68	2.4	7	15	4	9	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	.....	.....	.....	.....	.....	.....	.....	3.73	+6.68	0.70	T.	10	11	2	15	.....	T. J. Logan
Georgetown	White	200	21	.....	.....	.....	.....	.....	.....	.....	2.33	-1.06	0.51	2.5	10	8	2	18	.....	W. R. Owens
Gilbert	Searcy	675	9	.....	.....	.....	.....	.....	.....	.....	2.29	.....	0.83	3.5	6	15	5	8	.....	S. G. Battenfield
Grannis	Polk	900	14	38.6	-7.0	68	24†	-2	8	48	4.60	+0.76	1.30	1.5	11	11	4	13	e.	W. E. McVay
Gravette	Benton	1250	36	36.8	-1.8	75	22	-11	8	51	1.59	-0.28	0.97	1.8	7	17	4	7	sw.	A. F. Stevens
Harrison	Boone	1052	33	38.7[b]	+0.1	74	23	-7[e]	8	40[e]	1.53	-0.95	1.05	2.0	7	16	2	10	.....	Louis R. Keck
Helena	Phillips	250	61	43.2	-1.6	74	24	3	9	34	7.97	+3.47	2.22	1.6	11	7	5	16	n.	James A. Burnett
Higden	Cleburne	445	14	.....	.....	.....	.....	.....	.....	.....	2.69	+0.06	1.07	1.8	7	9	5	14	n.	Geo. W. Baker
Highland	Pike	....	14	44.0	.....	77	24	0	8	39	4.85	+1.92	1.06	2.0	11	6	9	13	e.	J. O. Cooley
Hope	Hempstead	377	63	44.9	-3.4	79	24	2	8	42	3.55	-0.45	0.76	3.0	10	14	4	10	sw.	N. P. O'Neal
Hot Springs	Garland	600	42	42.6	-4.2	76	25	1	8	34	4.06	+0.43	0.90	3.9	12	8	9	11	.....	G. C. Bolton
Index ‡‡	Little River	275	8	.....	.....	.....	.....	.....	.....	.....	3.30	.....	0.63	1.5	11	9	2	17	.....	H. G. Sanderson
Jessieville	Garland	750	7	.....	.....	.....	.....	.....	.....	.....	2.67	.....	0.95	3.0	6	11	3	14	.....	U. S. Forest Service
Jonesboro	Craighead	345	38	41.2	-0.8	73	24	3	8	33	2.38	-1.24	0.43	5.0	11	12	5	11	sw.	Benedictine Sisters
Lead Hill	Boone	650	27	37.4	+0.4	79	23	-13	11	52	1.53	-1.81	1.04	2.0	7	16	2	10	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	42.0	-2.9	76	24	4	8	40	2.66	-1.22	0.62	2.7	11	8	5	15	e.	U. S. Weather Bure
Lurton	Newton	2100	7	.....	.....	.....	.....	.....	.....	.....	....	.....	....	..	..	..	..	..	.....	I. C. Sutton
Lutherville ‡‡	Johnson	775	34	40.6	-1.3	72	23	-5	8	37	2.37	-0.63	0.75	6.3	8	14	3	11	se.	H. G. Lennardt
Madison	St. Francis	....	3	.....	.....	.....	.....	.....	.....	.....	3.98	.....	1.25	2.5	9	9	0	19	.....	J. W. Eppes
Magnolia	Columbia	315	17	47.1	-4.3	79	24	4	8	35	6.69	+3.18	2.00	2.0	10	6	6	16	ne.	State Agri. School
Malvern	Hot Springs	277	47	43.2	-3.9	79	24	2	9	41	5.80	+2.14	1.40	4.0	17	13	5	10	se.	Mrs. W. L. Matthew
Mammoth Spring	Fulton	600	29	38.8	-1.0	72	23	-4	11	40	2.53	-0.18	0.78	2.0	7	18	2	8	nw.	S. F. Whittaker
Marianna	Lee	235	21	44.8	-0.5	75	24	6	8	36	5.19	+1.43	1.67	1.5	13	7	5	16	s.	C. N. Houck
Marked Tree	Poinsett	229	28	39.9	-3.7	74	24	4	9	35	2.20	-1.38	0.44	1.8	13	7	12	9	n.	Charles Walton
Marshall	Searcy	1070	19	36.8	-7.0	70	23†	-7	8†	42	2.53	+0.11	1.07	2.0	7	16	1	11	se.	A. J. Parks
Mena	Polk	1185	45	40.8	-3.2	75	24	-4	8	47	3.40	+0.25	0.79	1.5	12	12	4	12	n.	E. W. St. John
Morrilton	Conway	347	14	40.0	.. ..	75	23	4	8†	39	2.39	-0.27	0.95	2.0	6	7	4	17	ne.	John Cook
Mountain Home	Baxter	800	21	37.6	-4.6	75	23	-6	8	41	1.83	-0.53	1.30	2.0	4	16	2	10	nw.	B. S. Halbert
Mount Ida	Montgomery	650	34	39.2	-6.8	76	24	-4	9	46	1.76	-2.18	0.78	3.0	7	13	2	13	sw.	G. A. Whittington
Newport	Jackson	231	50	40.8	-0.8	74	24	3	8	36	2.56	-1.05	0.80	2.0	12	9	9	10	s.	J. D. Henderson
Norman	Montgomery	750	5	.....	.....	.....	.....	.....	.....	.....	3.20	.....	1.03	2.2	10	10	4	14	.....	U. S. Forest Service
Oden	Montgomery	800	7	.....	.....	.....	.....	.....	.....	.....	2.18	.....	0.97	1.2	7	9	7	12	s.	U. S. Forest Service
Okay	Howard	288	4	44.5	.....	78	24	2	8†	40	3.79	.....	0.79	1.0	15	9	9	10	s.	Charles R. Jackson
Osceola	Mississippi	240	37	42.2	-0.6	73	24	3	9	33	2.68	-0.76	0.68	3.5	11	9	9	10	s.	Mrs. Ruth Douglas
Ozark	Franklin	396	38	38.7	-4.5	80	23	-3	8†	45	2.32	-0.15	0.69	0.8	8	14	2	12	e.	Orkney O. Milton
Paragould	Greene	301	10	.....	.....	.....	.....	.....	.....	.....	3.54	.....	1.21	3.8	10	12	7	9	nw.	W. R. Heagler
Parkin	Cross	....	3	.....	.....	.....	.....	.....	.....	.....	2.98	.....	0.70	3.0	11	11	1	16	.....	Carroll King
Patterson	Woodruff	196	17	.....	.....	.....	.....	.....	.....	.....	2.25	-1.11	0.88	2.5	5	14	3	11	se.	W. E. Baker
Piggott	Clay	307	9	.....	.....	.....	.....	.....	.....	.....	3.27	.....	1.05	5.7	10	16	1	11	sw.	V. C. Wright
Pine Bluff	Jefferson	215	46	45.8	-0.4	80	24	8	8†	38	6.15	+2.29	1.38	2.3	10	9	8	11	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	38.6	-2.6	73	24	-4	8	41	3.61	+0.28	1.20	5.0	9	16	1	11	n.	Benedictine Sisters
Portland	Ashley	122	27	48.8	-0.6	78	24	8	8	36	5.53	+1.33	1.25	1.0	12	5	8	15	n.	W. E. Edmiston
Prescott	Nevada	329	45	45.4	-1.6	80	24	2	8	38	3.93	+0.44	1.23	2.6	10	7	9	12	s.	Craig Williams
Rison	Cleveland	243	33	45.8	-0.8	81	24	5	9	36	7.96	+4.57	2.11	1.0	16	11	4	13	n.	Mrs. M. V Tisdale
Rogers	Benton	1385	42	37.8	-1.2	77	23	-10	8	48	2.85	+0.96	1.74	1.4	7	17	1	10	n.	Carl A. Starck
Saint Charles	Arkansas	175	3	.....	.....	.....	.....	.....	.....	.....	....	.....	....	...	..	..	..	..	.....	
Saint Francis	Clay	290	6	.....	.....	.....	.....	.....	.....	.....	3.52	.....	1.13	3.1	10	10	7	11	.....	S. T. Rooney
Searcy	White	236	23	40.6	-4.6	75	24	3	8	38	1.85	-1.22	0.31	3.9	12	13	4	11	ne.	Arthur D. Smith
Springbank ‡‡	Miller	240	26	.....	.....	.....	.....	.....	.....	.....	5.52	+1.98	0.98	0.7	11	7	2	19	.....	Miss Grace Field
Story	Montgomery	700	9	.....	.....	.....	.....	.....	.....	.....	3.62	.....	0.90	5.7	11	16	4	8	n.	S. C. Story
Stuttgart	Arkansas	228	46	43.8	-1.0	78	24	6	9	33	4.40	+0.47	1.16	1.7	12	10	5	13	n.	Adam F. Buerkle
Subiaco	Logan	1050	36	41.8	-1.6	79	23	-2	8	43	2.52	-0.17	1.00	0.5	8	16	2	10	sw.	New Subiaco Abbey
Sunset	Washington	....	2	37.4	.. ..	72	23	-13	8	46	2.20	.....	0.97	3.3	11	14	6	8	sw.	Walter James
Texarkana	Miller	332	48	44.8	-3.6	77	24	0	8	36	3.34	+0.22	0.68	1.0	11	12	3	13	n.	H. S. Brashear
Thornburg	Perry	650	13	40.2	....	77	23	-3	9	48	2.81	-1.05	0.73	4.2	10	13	5	10	s.	Edward E. Holmes
Waldron	Scott	675	14	.....	.....	.....	.....	.....	.....	.....	3.03	-0.02	1.01	3.5	8	8	8	12	nw.	Dr. Cheves Bevill
Warren	Bradley	206	39	45.6	-1.1	75	23	5	8	35	8.66	+4.55	1.60	1.2	17	14	5	9	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	.....	.....	.....	.....	.....	.....	.....	3.08	.....	....	3.1	8	5	6	17	nw.	J. R. Huddleston
Whitecliffs	Little River	290	29	.....	.....	.....	.....	.....	.....	.....	3.72	+0.55	0.93	5.0	8	5	3	20	e.	Charles Huff
Wilson	Mississippi	237	8	41.0	.....	73	23	1	9	32	2.75	.	0.83	1.5	8	13	6	9	n	D. O. Anderson
Wynne	Cross	250	25	41.5	-3.3	72	24	0	9	43	2.52	+0.98	1.10	3.5	8	10	0	18	n.	R. T. Cobbs
Yancopin	Desha	167	9	.....	.....	.....	.....	.....	.....	.....	8.69	.....	3.42	2.2	12	7	2	19	.....	W. E. Barton
State Means				41.5	-2.1	82	24	-13	8†	52	3.53	+0.16	3.42	2.4	10	11	5	12	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in mean and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for February, 1933

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	.48						.99	.08		.20			.35		.16			.03								.97		.85				4.11
Arkadelphia	Ouachita	.46						.70	.09			.36		.05	.23	.78		.03	T.		.24					.03	.85		.94				4.76
Arkansas City	Mississippi	.25			.18			1.02	.30	T		.08		T.	1.26	1.08		01	.07	T.	1.20			T.		T.	.30	T.	.45				6.20
Arlberg	White						*	1.15		*	.15			.11	.14			.10								.71	*	.42					2.78
Batesville	White	.56						.94	.06			.20		.52	.08	.12		T.	.22							.45	.26		.27				3.68
Bee Branch	Arkansas	.17					.15	.87	T.		.10			.30	.15			T.	T.	T.					T.	.55		.08	.65				3.02
Bentonville***	Arkansas						.07	.03			.08				T.			.10		T.					.58	.76		.14					1.76
Big Lake Outlet	St. Francis	.05						.20	.75			.25		T.	.30	.45		T.			.15				T.	T.	T.						2.15
Black Rock	White	.09						1.29	T			.42		.09	.11	.38		04	.02		.03					.43	.04						2.94
Blytheville	St. Francis	.11	T.					.29	.53			.27		.08		.35		T.	.07	T.	.25			T.	T	.19	.03		.01				2.18
Booneville	Arkansas							25			.06				.07											.74		.70					1.82
Brinkley	White	.28						.47	.32			.17			.67	.50			T.	.01	.40						.48		.23				3.53
Calico Rock	White	.25						.52	T.			.25		T.	.02	.23		.18	.07		T.					.44	T.		.13				2.09
Camden	Ouachita	.35			.04			.87	.23			.41			1.47	.96		.01	.03		.80			.01			.70	.03	1.63				7.54
Carthage	Ouachita																																....
Center Point	Red	.07					09	.60	15		.25	T.		.07	.05	T.		.07		.02						.81	.01	.82	.35				3.36
Clarendon	White	.23	T.					.67	.35			.05			1.10	.37			.02	.08	.42			T.			.34		.25				3.88
Clinton	White	.24					.12	.64			.15				.13	T.		.08								.66		.48					2.50
Conway	Arkansas						.09	10			.20	.05		.04		.10										.84		.21	.61				2.24
Corning	White	T						1.00	.15			.20			.13	.63			.26		.05					.60							3.02
Cotter	White	T.						.46				.20						T.	T	T						1.38							2.04
Crossett	Ouachita	.34			.10			.95	.19			.07		.05	.50	1.55		.03	.02		1.43		.04	T.	T.		.10	T	1.40				6.77
Danville	Arkansas							40				.32														.55	T.	T.	.65				1.92
Dardanelle	Arkansas	.35						.66	T.			.06				.02			.05							.46	.22		.60				2.42
De Valls Bluff	White	.15						.56	.12			.03		T.	.50	.60				.02	.32					12	.25		.36				3.03
Dumas	Mississippi	.22						.25	.90			.25			1.70	1.10		T.	.10	.05	1.45						.45	.03	.65				7.15
Dutton	White																																....
El Dorado	Ouachita	.10			.30			1.15	.10			.25		.05	.62	.95		.01	.01		1.64			.02			.14	.05	1.35				6.74
England	Arkansas	.20					.07	.40	.05		.16	.06		.13	.87	.40		.06		.43				T.		.56		.25	.35				3.99
Eureka Springs	White	.15						.17			.08							.10	.23						.35	1.51		.12					2.71
Fayetteville	White	.06						.11	T.		.04	T.		T.	.03	T.		.04	.08						.16	2.61		.19	.24				3.56
Fort Smith***	Arkansas						.01	.18			.10				.22			.01		T.					.03	.60		.74	T.				1.89
Freeman Sprgs.	Arkansas	.16						44				.13				.54			.15							.68	T.		.28				2.38
Fulton	Red	.38			T.			.70	.10		T.	.55		T.	.31			T.	T.	.07	.05					T.	.67	.23	.67				3.73
Georgetown	White	.33						.35	.30			.12		.03		.51					.07					.04	.28		.30				2.33
Gilbert	White	.20						46				18				35		T.								.83			.27				2.29
Grannis	Red						.38	1.30	.09		.20			.10	.06	T.	T.	.10		05				T.	T.	1.15		1.08	.09				4.60
Gravette	Arkansas	.13						.12			.04				T.			T.	.06					.22	.97			.05					1.59
Harrison	White	.02									.23				T.			.07	.10						.02	1.05		T.	.04				1.53
Helena	Mississippi	.65						1.34	.12	.02		.20			1.62	.77			.12		2.22						.41		.50				7.97
Higden	White							1.07				.18			.19	03			.13							.55			.54				2.69
Highland	Ouachita	.21					72	.87	.09		.38			.21	.17			.15								1.06		.58	.38				4.85
Hope	Red			T.			T.	.76	.06		.40			.27	.42					.18						.65	.02	.75	.04				3.55
Hot Springs	Ouachita	.10					.50				.10	.02	.27	.90	10	05		.07								.80		.50	.65				4.06
Index	Red	.35						.63	.03			.27			22	.53		.03	T.		.07						.51	.12	.54				3.30
Jessieville	Ouachita	.42					T.	.95	T.			.30		T.	T			T.								.15		.20	65				2.67
Jonesboro	White	.12						.41	.43			.21		.06	.15	.38			.13		.07			T.		.35	.07		T.				2.38
Lead Hill	White	02					T.	.12			.10				.02			.08	.15	T.					T.	1.04							1.53
Little Rock***	Arkansas	T.					.01	.61	.06		.17			.09	.29			.02		.20					T.	.59		.53	.09				2.66
Luron	White																																....
Lutherville	Arkansas						.08	.45			.23				.16	.04		T.								.75		.04	.62				2.37
Madison	St. Francis	.18						.94	.20			.15		T	1.25	45					.45				T.		.29		.07				3.98
Magnolia	Red	.19								1.00	.40			.30	2.00	.30				.70						.20		1.00	.60				6.69
Malvern	Ouachita	.50						1.00	.10			.30		.05	.15	.80		05	.02	.02	.20			.06	.01	.18	.85	.11	1.40				5.80
Mammoth Spg.	White	.58						.78	T.			25		.12		.30			.20							.30							2.53
Marianna	St. Francis	.05					.02	1.50	.05			.21		.03	1.67	.20		.02	.03	.82						.31			.28				5.19
Marked Tree	St. Francis	08						.21	.37			.20		.02	.44	.40			.02		.21			T.	.02	.10	.10		.03				2.20
Marshall	White							.50			13	.01			.30				.24	T.						1.07		T.	.28				2.53
Mena	Ouachita	.29						.66	.06			.22		.01	04	.03		T.		02						.36	.48	.44	.79				3.40
Morrillton	Arkansas	.16						.95	T.			.15		T.	T.	T.			T.							.32	.16		.65				2.39
Mountain Home	White						.20				.18				.15			T.							T.	1.30							1.83
Mount Ida	Ouachita	.02						.38	.04		.22				.04											.28		.78					1.76
Newport	White	.32						.80	.37			.13		.03	.08	.27			.05		.03					.22	.20		.16				2.56
Norman	Ouachita	.35						1.03	.01			.21			.01	.08				.01				T.	T.	.20	.65		.65				3.20
Oden	Ouachita	.26						.58	.22			.02									.02						.11		.97				2.18
Okay	Red	.06	.02				.06	.66	.20		.31			.10	.49	.10		.03		02						.73	.07	.79	.15				3.79
Osceola	Mississippi	.13						.21	.40			.22		.06	.68	.38			.02	.06	.32				T.		.20						2.68
Ozark	Arkansas	.21						.35				.10				31			.06							.48	.12		.69				2.32
Paragould	St. Francis	.14						1.21	.14		*	.30			.22	.72			.10				T.			.62	.09						3.54
Parkin	St. Francis	.10						.40	35			.25		.06	.70	.46			.06		.30					.12	.18						2.98
Patterson	White								.88			.18				.34											.58		.27				2.25
Piggott	St. Francis	.23					.20	1.05	T.		.12	.25		.02	80	02		.08								.50	T.						3.27
Pine Bluff	Arkansas	.23						1 12	.17			.24			1.12	.63			.04		.50			T.	T.		.72	T.	1.38				6.15
Pocahontas	White	.15					.15	1.20			.51			14	.58			.28		.15						.45							3.61
Portland	Ouachita	.11			.22			.81	.08			.25			.42	.90		.06			1.25		.07				.18		1.18				5.53
Prescott	Ouachita	.57							.07			.33			41	.38		.02			.17						.64	.11	1.23				3.93
Rison	Ouachita	.58						1 17	.08		*	.29		*	2.00	.65		*	.08	.53				.01		*	.46	*	2.11				7.96
Rogers	White	.11						.04			.10	.15						T.							.46	1.74		.25					2.85
St. Charles	White																																....
St. Francis	St. Francis	.13	T.					1.13	.24			.31		T	.04	.70			.19	T.	.09					.51	.18						3.52
Searcy	White	.25						12	.04			.17		.03	.12	.29			.12						.02	.21	.17		.31				1.85
Springbank	Red	.52			20			.72	.08		T	.45			78	.74	T.		T.	T.	.72						.25	.08	.98				5.52
Story	Ouachita	.22						.82	.05	.02	.40	.90		.11				.12								.15	.40		.43				3.62
Stuttgart	Arkansas	.04						.54	.58		10				1.16	.44			.04	.08	.40			.04			.47		.51				4.40
Subiaco	Arkansas						.02	.31			.12				.14			T.	.12	T.						1.00		.45	.36				2.52
Sunset	Arkansas	.07						.36			.07				.04			.03	01	.01					.16	.97		.20	.28				2.20
Texarkana	Red	35						.51	.25	.15		T.		.15	.20	.30				.05							.68	.15	.55				3.34
Thornburg	Arkansas	.15					.02	.73	.05		.17	.20		.02		T.		T.								.70		.19	.58				2.81
Waldron	Arkansas							1.01			.20	.15			.02			T.		.04						.73		.64	.24				3.03
Warren	Ouachita	.45			.10			1.20	.10			.10		.15	1.60	.91		.10	.25	.10	1.40			.10	.05		.50	.15	1.40				8.66
Waters	Ouachita	.28						.86	.10			.21														*	.90	.35	.38				3.08
Whitecliffs	Red	.51						.93	.10		T.	.40			T.	.05			T.	T.							.71	.20	.82				3.72
Wilson	Mississippi	.13							.55			.22			.83	.27			.09		.46						.20						2.75
Wynne	St. Francis	.15						.25	15			.18			1.10	.26					.15						.28						2.52
Yancopin	Arkansas	.19			.04			1.13	.14			.15			1.24	1.00			.04		3.42						.59	.02	.73				8.69

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	6.0	5.7	5.3	5.1	5.0	4.8	4.1	4.1	3.8	3.7	3.7	3.6	3.5	3.5	3.5	3.8	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.2	4.6	6.2			
Calico Rock	do	18	4.7	4.2	4.0	3.8	3.5	3.1	2.9	2.7	1.8	1.9	2.5	2.5	1.6	1.4	1.4	1.8	1.5	1.5	1.4	1.7	1.8	1.5	1.5	1.5	1.5	2.6	4.5	5.6			
Batesville	do	23	10.6	10.0	9.4	9.1	8.8	8.5	8.1	8.0	8.0	7.0	7.3	7.8	7.5	6.6	6.5	6.9	7.1	6.6	6.5	6.5	7.1	6.7	6.4	6.4	6.4	7.1	8.2	10.5			
Newport	do	26	17.3	16.1	15.0	13.9	12.7	11.6	10.8	10.6	10.2	9.8	8.5	7.8	7.5	6.9	6.3	6.4	6.9	6.9	6.4	6.1	6.0	6.0	5.6	5.3	5.1	5.1	5 9	7.2			
Georgetown	do	22	21.9	21.7	21.4	21.0	20.5	20.0	19.3	18.9	18.2	17.5	16.6	15.5	14.8	14.0	13.5	12.6	12.2	12.0	11.7	11.4	11.0	10.6	10.2	9.8	9.3	9.0	8.9	9.2			
De Valls Bluff	do	24	22.8	22.8	22.8	22.5	22.3	22.1	21.9	21.7	21.4	21.1	20.9	20.5	20.1	19.7	19.4	18.9	18.3	17.8	17.5	17.2	16.8	16.3	15.9	15.4	14.9	14.4	14.0	13.8			
Clarendon	do	30	27.4	27.6	27.6	27.6	27.5	27.3	27.2	27.0	26.7	26.5	26.3	26.0	25.6	25.4	25.0	24.6	24.2	23.8	23.3	22.9	22.5	22.0	21.6	21.2	20.8	20.3	19.9	19.5			
Gilbert	Buffalo	30	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3 8	3.8	3.7	3.6	3.6	3 6	3.6	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.8	3.8	5.0	5.0			
Black Rock	Black	14	12.5	12.0	11.3	10.5	10.0	8.8	8.5	10.0	9.2	8.3	7.3	6.8	6.6	5.9	7.5	7.4	7.0	6.8	6.5	6.4	6.3	6.0	5.8	5.7	5.4	6.3	6.5	6.9			
Arkadelphia	Ouachita	12	3.6	4.6	3.2	3.2	3.2	2.6	3.0	4.8	3.4	3.0	2.8	2.6	2.4	3.6	4.2	3.8	3.6	3.6	3.2	2.4	2.6	3.0	2.4	1.8	1.8	3.8	2.0	6.0			
Camden	Ouachita	26	17.1	15.6	17.3	15.8	14.0	12.9	11.8	12.2	14.0	16.1	16.0	15.5	13.9	13.4	15.8	19.3	20.9	21.4	21.0	20.0	19.2	16.8	16.3	16.5	13.7	13.2	13.0	13.8			
Fulton	Red	28	11.4	10.4	9.9	9.8	9.7	9.6	9.5	9.5	10.2	11.4	11.8	10.9	10.1	9.6	9.5	9.5	9.2	9 0	8.7	8.4	8.2	8.0	7.8	7.6	7.5	7.5	8.0	9.7			
Helena	Mississippi	44	38.0	38.5	38.9	39.2	39.5	39.6	39.7	39.7	39.5	39.0	38.3	37.2	35.9	34.6	33.4	32.0	30.8	29.9	29.6	30.2	31.1	32.1	33.2	34.2	35.0	35.8	36.0	37.1			
Arkansas City	do	48	39.3	39.8	40.2	40.6	40.8	41.1	41.5	41.6	41 7	41.8	41.8	41.6	41 1	40.6	39.9	39.1	38.1	37.1	36.2	35.7	35.4	35.4	35.7	36.0	36.4	36.8	37 2	37.6			

Daily temperatures for February, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	63	59	55	54	51	48	30	10	30	21	38	47	48	52	40	55	59	58	55	61	66	70	75	..	80	55	45	58				51.2
	Minimum	43	41	36	35	32	33	28	− 1	− 1	5	9	10	20	37	31	25	25	40	40	29	28	27	40	40	..	35	40	37				28.3
Batesville §§	Maximum	62	56	51	51	40	46	46	14	22	26	31	41	44	46	40	44	54	54	53	60	64	66	71	72	55	56	60	60				49.5
	Minimum	35	31	22	23	24	25	34	2	− 1	4	0	2	22	36	27	18	25	27	25	23	22	24	30	30	55	27	32	39				23.7
Bee Branch	Maximum	60	60	56	51	50	45	49	18	23	28	38	44	43	46	46	55	58	57	55	59	65	69	75	75	71	56	55	61				52.4
	Minimum	35	37	33	31	23	29	15	2	4	13	4	13	33	38	27	21	45	35	40	27	27	45	36	45	49	35	39	35				29.1
Bentonville	Maximum	53	52	51	48	40	47	38	7	23	24	34	44	51	34	41	54	46	55	54	53	60	63	75	70	61	56	43	58				47.7
	Minimum	35	31	29	30	16	33	− 5	−10	− 2	9	0	25	33	20	19	28	34	26	35	30	35	46	40	52	36	29	32	30				25.6
Blytheville	Maximum	60	55	52	50	45	42	50	21	23	28	34	43	46	46	41	54	53	57	56	60	63	64	72	72	66	55	55	58				50.8
	Minimum	46	40	28	32	23	25	20	5	3	11	10	12	32	40	28	26	43	36	40	32	44	41	45	47	47	35	33	40				30.9
Booneville	Maximum	59	60	55	54	50	49	54	16	29	28	34	50	63	50	42	57	57	60	61	59	67	72	78	74	72	56	51	61				54.2
	Minimum	33	40	30	31	27	34	9	− 3	4	18	6	21	36	34	26	25	42	38	48	25	25	47	34	56	50	32	36	35				30.0
Brinkley	Maximum	62	58	53	53	..	48	54	23	26	31	35	47	49	51	48	58	57	60	55	60	68	68	74	78	74	56	53	60				54.0
	Minimum	47	44	32	33	27	27	21	5	0	10	12	9	34	46	29	26	46	38	42	28	29	42	47	51	48	36	40	41				31.8
Calico Rock§§	Maximum	60	58	55	50	40	47	27	14	23	21	39	45	46	43	43	57	56	56	54	59	66	69	76	69	53	57	47	60				49.6
	Minimum	33	33	25	25	21	21	26	− 2	− 2	3	− 7	− 6	24	32	25	24	27	31	31	22	22	24	31	32	42	27	30	37				22.5
Camden§§	Maximum	64	62	49	57	51	57	56	30	31	30	36	50	55	71	41	58	59	56	58	62	67	70	76	79	64	57	50	59				55.5
	Minimum	48	46	36	34	35	35	38	6	6	6	16	16	21	42	32	29	30	42	42	29	27	28	49	50	59	36	40	39				32.8
Center Point	Maximum	56	63	58	56	54	54	51	30	30	27	43	48	52	59	57	55	58	58	57	63	65	70	74	77	69	54	50	62				55.4
	Minimum	43	40	39	33	34	37	18	0	4	20	5	18	37	47	32	28	48	42	43	28	28	45	44	50	46	37	40	38				33.0
Conway	Maximum	62	60	56	53	51	45	49	20	25	28	36	47	47	49	47	57	60	60	58	61	68	70	78	77	72	57	53	61				53.8
	Minimum	42	42	33	32	28	31	10	4	6	15	8	12	35	41	29	24	43	39	45	28	26	43	36	50	50	35	39	38				30.9
Corning	Maximum	58	56	53	46	45	42	47	18	23	27	34	42	42	43	40	54	51	54	50	56	67	67	72	71	68	56	51	60				49.8
	Minimum	39	32	26	30	20	25	17	3	2	10	− 1	10	29	37	25	22	38	34	35	29	35	43	39	52	47	32	32	39				27.9
Crossett §§	Maximum	66	72	48	52	57	61	62	22	32	36	42	52	65	74	42	68	62	64	69	62	68	67	78	82	69	59	56	58				58.8
	Minimum	48	54	38	38	33	33	38	8	8	10	25	20	23	43	35	34	34	42	42	33	30	30	49	55	60	39	43	42				35.2
Dardanelle	Maximum	59	61	55	53	50	47	50	17	26	26	33	49	44	46	41	55	58	58	58	60	69	74	79	75	74	57	52	64				53.2
	Minimum	37	41	31	32	29	33	14	0	5	17	8	17	36	38	29	24	42	39	45	27	26	44	35	51	52	34	42	38				30.9
Dumas	Maximum	60	59	52	57	50	45	57	31	28	31	36	52	55	65	55	45	60	58	58	62	71	69	75	79	69	57	55	58				55.3
	Minimum	49	47	34	36	34	32	27	7	5	15	20	19	38	40	33	34	35	40	45	34	33	47	54	54	46	37	42	41				34 9
El Dorado	Maximum	68	70	61	57	54	48	61	25	32	30	34	50	58	73	62	59	61	62	60	62	67	70	78	81	72	60	57	58				58.2
	Minimum	56	54	40	37	40	37	25	7	10	23	20	22	41	56	35	32	49	43	48	33	35	50	54	59	48	39	43	41				35.5
England	Maximum	64	..	59	53	49	44	53	20	29	29	37	48	49	53	47	56	57	58	53	61	65	69	74	..	78	56	49	61				52 7
	Minimum	48	..	34	33	31	31	19	5	4	13	16	14	34	34	30	28	48	40	44	32	32	46	44	..	48	38	40	50				31.8
Eureka Springs	Maximum	56	53	55	47	45	47	47	11	26	27	37	46	52	49	41	55	49	57	55	55	63	63	76	73	63	57	54	59				50.6
	Minimum	34	33	27	29	15	33	− 2	−11	− 4	12	3	22	34	23	18	29	36	26	43	33	42	49	42	57	41	31	36	32				27.2
Fayetteville	Maximum	54	52	52	48	47	47	47	8	23	24	39	43	51	48	42	54	57	54	54	53	60	62	75	70	63	55	51	58				49.7
	Minimum	32	34	28	29	18	33	1	− 9	− 1	13	0	23	35	25	21	30	38	29	45	29	38	48	39	55	43	29	33	31				27.5
Fort Smith	Maximum	56	59	54	52	46	53	39	12	28	25	34	49	50	42	44	59	60	57	58	58	66	67	78	76	63	56	47	61				51.8
	Minimum	38	42	37	35	27	33	2	− 3	7	14	9	22	36	30	28	28	42	38	42	32	32	49	40	53	44	37	35	35				30.9
Gravette	Maximum	53	50	53	47	49	47	48	5	22	23	32	42	51	50	40	54	52	53	52	52	62	75	72	63	61	55	51	57				49.
	Minimum	29	30	27	27	15	32	− 3	−11	− 4	13	− 4	22	33	23	17	27	35	26	42	23	34	38	53	40	37	26	33	29				24.
Harrison	Maximum	54	50	50	48	50	47	45	10	22	25	32	45	52	51	38	56	51	62	56	54	63	67	74	70	64	54	42	58				49.6
	Minimum	..	..	..	.	15	20	..	− 7	0	16	8	24	38	26	20	30	40	40	40	27	38	32	34	58	43	31	34	33				27.
Helena	Maximum	59	56	50	52	43	43	57	26	24	32	34	45	51	57	53	55	57	56	57	60	67	63	73	74	69	54	49	58				52.6
	Minimum	49	43	37	31	28	28	23	5	3	15	10	18	37	50	30	27	47	38	43	31	35	46	53	54	46	36	41	39				33.
Highland	Maximum	56	56	55	51	55	56	54	17	31	26	44	44	52	55	57	52	57	57	56	60	65	70	71	77	69	52	48	61				53.
	Minimum	40	39	38	36	38	40	15	0	5	19	11	16	36	47	32	28	48	42	44	40	38	46	46	53	48	40	38	38				34.
Hope	Maximum	68	62	51	56	52	50	59	24	31	30	42	47	53	60	46	55	59	58	57	64	70	71	74	79	70	58	55	62				55.
	Minimum	47	45	37	36	40	37	17	2	4	21	13	11	37	45	34	28	47	42	44	30	39	49	46	54	47	29	41	39				34.
Hot Springs	Maximum	60	59	55	51	47	48	49	22	26	27	35	46	51	58	54	50	57	56	57	64	64	67	69	75	76	52	44	58				52.
	Minimum	42	45	35	34	32	34	15	1	4	15	13	17	22	46	31	28	46	39	45	31	30	48	40	53	47	36	39	38				32.
Jonesboro	Maximum	60	56	48	49	45	41	48	18	24	27	34	45	46	44	41	55	54	54	59	60	67	67	72	73	68	60	50	58				50.
	Minimum	44	40	33	34	24	25	17	3	5	13	9	12	34	41	28	25	43	35	45	36	35	38	45	54	54	38	36	42				31.
Lead Hill	Maximum	58	56	54	51	49	45	47	13	25	25	39	50	50	50	41	60	51	56	58	56	66	78	79	70	65	57	52	61				52.
	Minimum	29	31	21	24	18	26	5	− 6	−− 4	12	−13	20	31	28	22	17	35	25	41	21	23	36	27	41	44	25	28	27				22.
Little Rock	Maximum	59	56	51	52	46	48	50	14	22	25	31	46	50	49	36	56	57	55	54	58	65	66	74	76	68	52	46	58				50.
	Minimum	47	45	38	36	30	33	10	4	7	16	15	21	37	34	30	29	43	40	44	36	33	47	41	54	46	39	38	39				33.
Lutherville	Maximum	60	61	54	50	47	42	48	12	23	23	36	47	45	47	50	54	56	56	57	59	66	67	72	72	67	58	52	62				51.
	Minimum	36	41	35	31	23	29	11	−5	− 2	13	6	17	35	36	27	23	42	34	43	20	33	45	42	51	49	35	39	34				29.
Magnolia	Maximum	68	69	62	56	54	50	62	35	31	29	34	50	55	71	61	62	60	59	58	62	66	69	72	79	76	58	53	58				57.
	Minimum	50	53	40	35	39	37	30	4	7	23	18	20	41	45	33	32	30	43	45	31	31	50	52	58	52	40	41	39				36
Malvern	Maximum	64	61	55	55	52	45	54	18	30	26	40	48	50	54	52	56	58	59	54	62	66	70	76	79	76	56	51	60				54.
	Minimum	45	43	35	33	34	32	16	3	2	15	8	13	31	47	31	26	48	40	42	36	25	41	41	46	48	36	40	38				32.
Mammoth Spring	Maximum	58	51	56	53	48	50	47	13	26	26	35	38	47	43	39	43	47	52	50	60	66	68	72	71	69	64	58	52				50.
	Minimum	34	31	26	31	19	26	10	− 2	1	10	− 4	19	23	33	24	28	37	32	40	42	45	40	32	42	45	42	30	35				27.
Marianna	Maximum	60	59	59	52	51	49	56	42	24	31	33	40	51	55	53	55	56	57	57	60	66	65	73	75	74	65	56	58				54.
	Minimum	49	45	36	36	29	28	36	6	8	17	15	17	30	48	31	29	47	39	38	35	36	45	55	53	51	39	38	41				34.
Marked Tree§§	Maximum	61	58	51	51	37	48	52	14	21	27	35	43	47	45	35	54	53	57	55	60	65	63	71	74	56	56	51	58				49.
	Minimum	45	43	34	33	25	25	30	5	4	7	12	12	20	33	29	26	28	35	35	31	30	34	45	49	54	38	36	40				29.
Marshall	Maximum	47	45	47	47	48	42	42	11	22	24	35	42	44	44	37	50	50	53	55	55	56	61	70	70	68	56	55	56				47.
	Minimum	31	34	24	28	17	29	6	− 7	− 3	11	− 7	18	34	31	21	25	42	29	41	23	32	45	33	53	43	26	34	31				25.
Mena	Maximum	62	56	52	52	50	49	53	14	29	25	36	46	48	50	38	48	55	59	57	58	63	68	69	75	68	55	45	56				51.
	Minimum	35	39	31	29	29	35	6	− 4	2	17	9	17	34	32	26	25	46	40	43	30	30	46	41	54	50	33	37	35				30.
Morrillton §§	Maximum	60	59	53	51	44	49	35	17	23	26	33	47	46	46	38	57	58	57	57	58	64	68	75	72	56	55	45	59				50.
	Minimum	42	41	34	35	28	29	33	4	4	9	12	12	18	38	29	25	27	39	39	32	30	32	36	38	53	40	39	37				29.
Mountain Home	Maximum	60	55	54	50	46	44	45	13	23	24	36	48	48	43	42	58	45	55	56	58	66	68	75	48	66	56	45	60				49
	Minimum	35	36	25	28	12	27	5	− 6	−− 1	10	2	17	32	29	22	22	38	29	38	25	29	43	34	46	43	28	34	34				25.
Mount Ida	Maximum	63	58	54	54	51	46	50	17	28	25	37	46	52	50	40	51	57	57	58	61	64	69	75	76	72	55	49	58				52.
	Minimum	32	31	25	27	30	29	11	− 2	− 4	13	1	7	29	32	28	18	46	35	45	20	18	30	33	40	48	29	38	36				25.
Newport	Maximum	60	55	51	50	50	45	48	17	23	26	36	44	45	44	43	54	53	55	53	60	65	66	70	74	71	55	50	58				50
	Minimum	41	39	31	34	25	28	16	3	6	14	11	9	34	40	28	26	43	37	41	28	29	43	41	47	51	36	38	40				30.
Okay	Maximum	65	63	60	56	54	51	54	21	28	27	38	47	53	58	57	57	60	59	59	61	66	70	74	78	72	54	53	60				55.
	Minimum	46	40	36	34	32	38	17	2	2	20	12	16	37	47	33	29	50	43	42	36	26	46	77	49	40	39	40	39				33.
Pine Bluff	Maximum	63	63	51	57	54	45	56	24	29	32	37	53	52	54	48	62	60	60	58	65	70	69	79	80	74	58	50	61				55.
	Minimum	50	46	37	37	34	33	22	8	8	18	21	18	36	48	32	29	49	41	44	31	32	48	49	54	49	40	43	41				35.
Pocahontas	Maximum	60	61	56	52	49	40	40	20	24	29	37	41	41	44	43	51	51	54	54	59	65	68	69	73	71	56	55	61				50
	Minimum	35	34	27	29	20	25	15	− 1	1	9	− 4	8	31	37	25	21	37	33	35	24	26	38	35	45	46	35	33	40				26
Portland	Maximum	67	71	56	55	54	46	61	34	28	37	37	50	57	74	70	57	61	62	70	62	69	66	73	78	73	58	55	56				58.
	Minimum	55	54	40	44	39	33	33	8	12	20	22	22	40	56	35	34	49	42	44	36	33	48	56	55	55	40	44	42				39.
Prescott	Maximum	66	65	61	57	56	48	54	23	30	30	38	48	53	60	58	55	59	59	58	65	67	71	76	80	76	57	53	60				56
	Minimum	46	45	37	36	36	35	23	2	4	19	13	12	37	48	33	28	49	41	43	30	29	48	44	54	51	38	41	38				34.
Rison	Maximum	64	61	53	55	54	42	55	31	32	34	38	53	52	61	63	57	58	60	56	62	68	68	76	81	78	59	57	59				56.
	Minimum	49	46	35	33	62	32	24	10	5	16	18	19	39	49	30	30	46	39	43	31	32	50	48	54	49	36	41	39				34
Searcy	Maximum	59	56	51	54	48	49	48	18	22	27	36	43	46	46	44	44	61	55	53	60	65	66	71	75	72	56	51	59				51.
	Minimum	40	40	32	32	26	27	17	3	5	13	4	8	33	42	28	24	42	37	40	27	27	43	36	44	49	35	39	39				29
Stuttgart	Maximum	61	57	52	52	49	44	49	24	26	29	33	49	50	55	50	57	59	57	58	57	66	68	75	78	65	54	50	58				52
	Minimum	51	46	34	34	31	32	24	7	6	14	12	16	41	47	31	29	48	39	43	32	36	45	50	54	50	38	41	41				34.
Subiaco	Maximum	58	59	55	50	47	50	51	14	28	26	36	45	53	46	44	59	57	59	58	57	67	68	79	76	72	57	52	61				53
	Minimum	40	41	35	35	26	30	8	− 2	5	7	10	21	35	35	28	23	41	37	46	35	30	49	36	49	49	35	36	36				30.
Sunset	Maximum	55	50	51	45	44	41	44	6	20	22	36	50	46	48	40	47	52	51	51	54	59	62	72	67	60	57	45	54				47.
	Minimum	35	33	35	29	15	31	− 2	−13	− 3	11	5	21	34	25	19	28	41	30	41	35	40	44	47	55	39	35	34	31				27.
Texarkana	Maximum	67	65	57	59	35	52	50	18	30	30	37	50	54	63	51	56	60	60	59	65	61	70	72	77	72	55	51	60				54
	Minimum	48	48	40	34	36	45	15	0	5	21	14	19	40	50	32	29	47	42	43	29	31	42	42	55	50	38	39	37				34
Thornburg	Maximum	62	59	55	52	53	44	50	15	25	25	39	46	48	50	39	55	57	60	58	60	65	68	77	74	70	55	44	69				52
	Minimum	34	34	24	26	29	28	11	− 1	− 3	6	8	8	36	39	28	21	48	38	38	22	25	48	29	58	46	29	38	35				27
Warren	Maximum	62	62	59	54	53	45	59	26	28	32	39	48	54	73	63	59	60	59	59	60	66	67	75	72	62	59	67	56				56
	Minimum	53	48	37	35	35	33	24	5	6	17	20	20	37	51	31	33	31	39	41	33	31	49	53	49	48	37	42	39				34
Wilson	Maximum	59	56	50	49	48	41	52	25	23	31	31	42	48	49	46	55	54	56	55	58	66	63	73	73	71	53	52	58				51
	Minimum	45	42	27	30	24	25	22	4	1	9	7	13	32	43	28	26	44	35	33	35	34	43	48	50	50	34	35	41				30
Wynne	Maximum	60	55	51	52	52	47	53	45	23	28	31	45	48	50	52	48	53	55	56	59	61	64	61	72	66	64	55	57				52
	Minimum	43	40	32	28	24	25	15	2	0	10	3	12	33	42	25	30	33	35	41	42	31	45	48	51	49	48	36	40				30

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark 3 24-33-1000

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

L. XXXVIII Little Rock, Ark., March, 1933 No. 3

GENERAL SUMMARY

The mean temperature for the State for March 1933 was bove normal for the first time since 1929. Temperatures were ostly below normal from the 3d to the 11th but thereafter idden changes occurred until the last week of the month hen temperatures were continuously above normal. The coldt weather of the month occurred on the 21st in central and outhern sections and on either the 4th or 10th in the northern ortion. The average temperature for the State, based on the eports of 60 stations, was 52.6° which is 0.2° above the mean r the past 43 years. Monthly means ranged from 47.6° at atesville to 58 4° at El Dorado, with negative departures notd generally in the northern half of the State and in counties long the western border. The highest temperature recorded as 91° at Rison on the 14th; the lowest, 17° at Sunset on the 1st. The greatest daily gange was 49° at Batesville on the 7th. The last killing frost occurred in most sections on the 1st.

Rainfall was light to moderate the first half of the month except in some sections of the Ozarks and in western border ounties where an inch or more fell on the 6th. Showers and hunderstorms were general over the State from the 17th to he 19th with excessive rains in many sections. Rain also occurred in most sections on the 24th or 25th and thundershowrs accompanied by excessive rain in most sections from the 9th to the 31st. In southern Arkansas considerable damage esulted from the high winds of the night of the 30th-31st, mall barns, tenant houses, and fences being blown down.

The average precipitation for the State for the 90 stations eporting was 4.87 inches which is 0.20 inch above the mean r the past 43 years. Monthly totals ranged from 1.90 inches t Fayetteville to 8.37 inches at Jonesboro, with stations in the zarks and western border counties receiving the least amounts nd those in the northeastern portion and in counties bordering on the Mississippi River the most. Light snow was reportd in northwestern counties on the 7th and snowflurries occurred at numerous stations on the 20th. The greatest 24-hour mount of rainfall was 3.71 inches at Jonesboro on the 19th.

T.A.M.

Tornadoes, etc.

Tornadoes:--Herman in southern Craighead Co. to near Osceola; 14th, p. m., from west, path about 1300 feet, 6 injured, property damage 17,000. Benton to 11 miles south of Little Rock; 18th, 3:30 p. m., rom west, path 600 feet in Benton to narrow at end, greatest destruction in Benton, one injured, property damage $15,000. Five miles south f Mt. Holly; 30th, 5 p. m., from southwest, path 1300 feet wide, 1 illed, 4 injured, property damage $2,000. Eudora; night of 30th-31st, . m., from west, path 2600 feet wide and 5 miles long, property lamage $8,000.

Killed by lightning: 18th; near Lake City, one.

Windstorms:---6th; Chicot County; considerable damage to barns nd small tenant houses. Dredgeboat on Mississippi River 5 miles east of Lake Village capsized, one man drowned, loss $75,000. March 18th, Horatio, severe windstorm approaching a tornado, property damage $1,000. On the night of 30th-31st: Alysdale, barn destroyed, contents damaged and tank blown down, loss $300; Cleveland Co., several hundred dollars damage to roofs of buildings; Crossett, several hundred dollars damage to timber; Toledo, considerable damage to barns and fences; Ouachita Co., considerable damage to oil derricks and shade trees.

Heavy Hail:--Piggott, 14th, slight damage to roofs of buildings.

Moderate Hail:--14th; Jonesboro, Manilla and Osceola, no damage; Pollard, slight damage to roofs of buildings. 31st; Helena, Osceola and Thornburg, no damage.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog					2	2						3					2		1												2
Light Hail											1			5				2	1			1		1	1				1		5
Sleet						1			3											5											
Moderate Hail														4																	3
Thunderstorms					4	2	1		1		1			7	1	2	22	35	5			1		22	7	2	1	5	20	38	35

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level) Mean	Highest	Date	Lowest	Date	Wind Average hourly velocity	Maximum velocity	Direction	Date	Relative humidity 7 a.m.	12 noon	7 p.m.	Percentage of sunshine
Bentonville	29.96	30.44	10	29.40	19	7.8	21	ne	14	....	....	....	52
Fort Smith	29.99	30.46	10	29.50	13	10.5	31	nw	31	76	62	58	45
Little Rock	30.03	30.49	10	29.52	7	9.5	29	sw	13	74	55	54	54
Memphis	30.04	30.53	10	29.50	7	9.0	35	w	31	72	58	61	55

COMPARATIVE DATA FOR MARCH

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	−5.7	79	10	5.10	+0.41	8.82	1.51	......	10	11	9	11
1892	47.9	−4.5	84	9	3.44	−1.23	6 74	1.20	3 8	7	14	8	9
1893	50.1	−2.3	82	5	3.55	−1.12	5.21	2.03	T.	8	16	6	9
1894	54.6	+2.2	88	8	9.84	+5.17	18.20	4.38	0.8	9	14	7	10
1895	51.8	−0.6	91	10	5.39	+0.72	8.51	1 93	T.	10	13	7	11
1896	48.7	−3.7	85	12	5.28	+0.61	7 88	2.06	1 3	8	10	7	14
1897	55.9	+3.5	88	13	9.76	+5.09	17.04	4.93	T.	15	10	7	14
1898	54.5	+2.1	88	18	5.96	+1.29	17.56	1.20	0.1	9	10	9	12
1899	50.6	−1.8	87	1	2.97	−1.70	8.40	1.09	0.3	7	12	9	10
1900	51.2	−1.2	90	7	2.50	−2.17	5 55	0.76	0.3	7	15	7	9
1901	51.5	−0.9	86	4	4.67	0.00	7.32	2.45	T.	6	14	8	9
1902	52.6	+0 2	89	14	5.34	+0.67	9.37	2.35	T.	7	12	10	9
1903	54.8	+2.4	85	11	5.56	+0.89	8 37	3.29	0.6	8	10	9	12
1904	55.3	+2.9	90	12	5.64	+0.97	8.47	1.88	T.	8	11	11	9
1905	57.1	+4.7	92	26	5.31	+0.64	10.80	1.94	T.	9	10	10	11
1906	45.2	−7.2	88	10	5.69	+1.02	9.27	3 33	0.5	11	8	6	17
1907	61.9	+9.5	96	25	3.22	−1.45	9.02	0.90	0.0	6	14	8	9
1908	59.5	+7.1	93	21	3.79	−0.88	7.67	1.82	0.1	8	11	9	11
1909	52.7	+0.3	84	16	3.71	−0.96	6.28	1.65	T.	8	13	8	10
1910	60.7	+8.3	92	22	1.39	−3.28	3.05	0.30	T.	3	20	7	4
1911	56.6	+4.2	94	15	2.17	−2.50	4.53	0.75	0.0	6	16	9	6
1912	45.8	−6.6	86	10	7.86	+3.19	3.45	0.70	0.2	12	7	7	17
1913	49.7	−2.7	88	8	4.74	+0.07	3 92	0.58	0.8	7	14	9	8
1914	50.0	−2.4	86	4	5.13	+0.46	13.08	2.01	2.0	9	12	8	11
1915	42.5	−9.9	73	14	3.54	−1.13	5.70	1.73	0.7	7	9	7	15
1916	54.5	+2.1	91	11	1.93	−2.74	4.24	0.68	T.	5	16	6	9
1917	53.0	+0.6	87	9	5.32	+0.65	12.18	0.56	1.0	11	14	5	12
1918	57.9	+5.5	96	16	1.31	−3.36	5.64	0 24	0.0	4	11	8	12
1919	53.2	+0.8	86	11	5.47	+0.80	11.66	0.98	0.5	6	17	5	9
1920	51.8	−0.6	88	2	5.31	+0.64	8.57	1.93	0.3	8	14	8	12
1921	60.8	+8.4	92	18	6.55	+1.88	11.01	2.98	T.	9	11	8	12
1922	51.7	−0.7	83	7	8.58	+3.91	14.59	3,24	0.3	11	12	6	13
1923	49.6	−2.8	88	2	5.04	+0.37	10.55	2.12	T.	8	15	5	11
1924	46.6	−5.8	84	5	3.27	−1.40	6.03	1.25	6.8	8	13	6	12
1925	55.9	+3.5	89	7	1.69	−2.98	5.68	0.04	T.	4	18	6	7
1926	48.5	−3.9	86	11	5.57	+0.90	9.23	2.04	0.5	9	13	6	12
1927	53.5	+1.1	87	5	7.24	+2.57	15.70	2.65	0.6	12	12	7	12
1928	52.7	+0.3	92	20	2.53	−2.14	6.91	0.73	0.1	6	14	7	10
1929	55.7	+3.3	98	19	3.77	−0.90	6.27	1.35	T.	10	12	7	12
1930	50.4	−2.0	83	15	2.21	−2.46	7.55	0.54	T.	6	16	6	9
1931	47.5	−4.9	85	16	4.21	−0.46	6.83	2.73	0.4	8	13	5	13
1932	48.2	−4 2	88	2	4.48	−0.19	7.33	1.63	0.7	9	13	7	11
1933	52.6	+0.2	91	17	4.87	+0 20	8.37	1.90	T.	9	13	5	13
Period	52.4	.....	98	1	4.67	.....	18.20	0 04	0.5	8	13	7	11

Daily River Stages for March, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	8.8	9.4	8.8	7.7	6.8	7.9	13.7	15.0	14.8	14.7	12.6	10.7	9.4	8.7	7.8	7.4	7.3	6.8	6.8	7.5	7.8	6.9	6.3	5.8	5.6	5.4	5.1	5.0	4.8	4.8	5.0
zark	do	22	5.3	5.8	6.0	5.3	4.2	3.8	7.8	10.9	11.1	11.0	9.9	9.0	6.7	5 8	5.0	5.4	4.1	3.8	4.0	4.0	4.3	4.3	3.7	3.1	2.5	2.8	2.2	1.9	1.7	1.6	1.8
ardanelle	do	22	7.2	8.3	8.5	8.4	7.7	7.0	7 5	12.0	13.3	13.2	12 8	11.3	10.1	9.0	8.1	7.6	7.1	7.8	7.5	7.6	7.3	7.4	7.1	6.6	6.2	5.9	5.7	5.5	5.2	5.2	5.5
orrillton	do	20	2.7	4.9	5.5	5 6	5 2	4.2	3.7	7.7	11.0	11.2	11.9	9 8	8.2	6.8	5.6	4.6	3.9	3.5	4.0	5.0	4.9	4.7	4.7	4.9	3.0	2.5	2.0	1.6	1.2	1.0	1.3
ittle Rock	do	23	2 1	3.9	5.7	6.1	5.9	5.2	4.5	4.4	9.8	11.7	11.7	11.0	9.4	7.9	6.6	5.4	4.6	4.0	5.0	6.3	7.1	6.7	6.1	5.5	4.5	3.8	3.3	2.8	2.4	2.0	2.3
ine Bluff	do	25	6.7	7.3	9.2	10.2	10.8	10.6	9.8	9.3	10.1	14 6	15.4	15.3	14 6	13.3	12.1	11.2	10.2	9.4	9.3	10.2	11.4	11.8	11.4	10.8	10.4	9.4	8.8	8.2	7.8	7.4	7.7
ancopin	do	29	26.0	26.4	26.8	27.6	28 3	28.8	29.1	29.2	29.3	29.9	30.4	30.4	29.9	28.7	27.3	26.0	24.7	23.5	22.5	21.7	21.7	22.2	22.9	23.5	24.3	25 0	25.6	26.2	26.8	27.6	28.2
anville	Petit Jean	20	13.6	14.0	10.4	7.4	6 0	6.5	12.2	14.8	12.8	10.4	8.7	7.3	6.7	6.1	6.1	5.7	5.5	5.3	12.8	18.3	15.9	11.7	8.9	7.5	6.6	6 6	6.2	5.9	5.2	5.5	7.4

Climatological Data for March, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	52.4	-2.2	84	13	25	21	47	3.63	-1.11	0.95	0.0	8	7	16	8	e.	J. W. Campbell
Arkadelphia	Clark	250	38	.....	.....	.....	.....	.....	.....	.....	3.50	-1.30	1.30	0.0	9	12	3	16	ne.	W. K. Bown
Arkansas City	Desha	145	49	.....	.....	.....	.....	.....	.....	.....	6.54	+1.12	3.07	0.0	8	17	6	8	.....	Herbert Neff
Arlberg	Stone	700	11	.....	.....	.....	.....	.....	.....	.....	5.06	+1.43	1.69	T.	8	12	6	13	ne.	J. D. Reeves
Batesville	Independence	277	34	47.6	-3.2	81	14	23	10	49	6.53	+2.34	2.97	T.	12	15	1	15	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	52.4	+0.6	83	14	25	21	39	5.61	+0.93	2.45	0.0	10	14	3	14	s.	J. E. Scanlan
Bentonville	Benton	1303	28	48.6	+0.2	82	13	19	21	34	2.19	-1.38	0.93	1.2	9	9	7	15	se.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	....	3	.....	.....	.....	.....	.....	.....	.....	6.10	.....	2.90	0.0	7	13	3	15	.....	C. J. Brooks
Black Rock	Lawrence	259	32	.....	.....	.....	.....	.....	.....	.....	7.50	+3.35	3.32	0.0	10	15	1	15	s.	Vernon C. Howe
Blytheville	Mississippi	252	8	51.2	.....	80	14	25	4	40	7.36	.....	3.40	T.	11	14	6	11	s.	Samuel Norris
Booneville	Logan	465	19	52.9	-0.8	86	13	24	21	38	4.23	+0.97	1.12	T.	10	13	6	12	e.	F. H. Randolph
Brinkley	Monroe	205	46	53.6	+0.2	84	14	27	21	38	5.59	-0.05	2.80	0.0	10	12	7	12	ne.	R. J. Torry
Calico Rock	Izard	361	29	48.2	-0.1	87	13	24	10	47	3.69	+0.30	1.53	T.	10	9	9	13	nw.	W. J. Copp
Camden	Ouachita	158	48	54.2	-1.2	85	14	25	21	47	6.42	+1.35	2.68	0.0	12	9	6	16	se.	Georgia Quarterman
Carthage	Dallas	....	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	P. K. Wylie
Center Point	Howard	470	34	55.7	-0.5	84	13	28	21	38	4.19	-0.50	1.02	0.0	8	13	6	12	e.	John C. Floyd
Clarendon	Monroe	172	29	.....	.....	.....	.....	.....	.....	.....	6.16	+1.08	3.00	T.	12	13	3	15	e.	J. W. Bishop
Clinton	Van Buren	516	12	.....	.....	.....	.....	.....	.....	.....	4.55	-0.40	1.54	0.0	8	11	7	13	se.	A. L. Stephens
Conway	Faulkner	309	50	53.6	-0.2	87	14	23	21	39	7.53	+3.01	3.02	0.0	12	15	4	12	e.	E. E. Cordrey
Corning	Clay	293	40	49.4	-1.6	81	13†	25	4†	40	5.05	+0.51	3.40	T.	8	13	2	16	sw.	Winfred D. Polk
Cotter	Baxter	408	6	.....	.....	.....	.....	.....	.....	.....	*2.24*	.....	0.60	0.0	8	14	6	11	nw.	O. B. McSpadden
Crosset	Ashley	175	21	55.4	.....	86	14	27	21	43	6.34	+1.29	3.43	0.0	7	10	6	15	s.	G. A. Gifford
Danville	Yell	327	17	.....	.....	.....	.....	.....	.....	.....	4.22	+0.44	2.00	0.0	7	16	1	14	se.	H. Inglis
Dardanelle	Yell	330	47	53.4	+0.8	86	13	25	21	37	4.03	-0.23	1.55	0.0	8	6	10	15	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	6	.....	.....	.....	.....	.....	.....	.....	5.21	.....	2.90	0.0	11	17	2	12	....	H. G. Pate
Dumas	Desha	162	28	56.4	+0.8	85	14	28	21	36	5.67	-0.47	2.08	0.0	9	11	6	14	n.	Ben Johnson
Dutton	Madison	1590	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. M. Ricketts
El Dorado	Union	270	33	58.4	+2.0	86	14	29	21	37	6.68	+1.63	3.40	0.0	7	9	5	17	e.	J. J. Babb
England	Lonoke	229	26	54.2^{a}	+0.6	87^{a}	13	28^{a}	21	37	4.40	-0.41	1.17	T.	11	16^{a}	1^{a}	13^{a}	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	50.2	-0.2	81	13	18	21	37	2.55	-1.20	1.00	T.	9	12	6	13	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	50.0	+0.4	79	13	21	21	36	1.90	-1.71	0.72	T.	13	13	7	11	s.	University of Arkansas
Fort Smith	Sebastian	457	52	52.6	0.0	85	13	26	21	32	2.56	-0.45	1.17	T.	9	8	9	14	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	9	.....	.....	.....	.....	.....	.....	.....	4.25	.....	0.87	T.	9	14	2	15	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	.....	.....	.....	.....	.....	.....	.....	3.38	-1.10	1.07	0.0	6	13	3	15	.....	T. J. Logan
Georgetown	White	200	21	.....	.....	.....	.....	.....	.....	.....	5.40	+0.37	1.78	0.0	9	13	4	14	.....	W. R. Owens
Gilbert	Searcy	675	9	.....	.....	.....	.....	.....	.....	.....	3.26	.....	1.10	0.0	10	16	4	11	....	S. G. Battenfield
Grannis	Polk	900	14	50.8	-0.9	75	13†	22	21	32	6.88	+2.22	2.03	T.	13	6	8	17	e.	W. E. McVay
Gravette	Benton	1250	36	49.2	+3.4	79	13	18	21	40	2.13	-1.57	0.72	T.	8	11	7	13	se.	A. F. Stevens
Harrison	Boone	1052	33	49.5	+0.8	83	13	23	10†	35	3.38	+0.29	1.25	T.	11	15	1	15	.....	Louis R. Keck
Helena	Phillips	250	61	53.4	-0.4	83	14†	27	21	41	6.18	+0.01	2.17	0.0	14	12	4	15	ne.	James A. Burnett
Higden	Cleburne	445	14	.....	.....	.....	.....	.....	.....	.....	4.40	-0.63	1.36	0.0	11	15	3	13	s.	Geo. W. Baker
Highland	Pike	....	14	54.6	.....	88	14	29	20	34	3.84	-0.22	0.93	0.0	7	6	11	14	s.	J. O. Cooley
Hope	Hempstead	377	63	56.4	-0.6	85	13	27	21	41	4.02	-1.05	1.43	0.0	8	12	7	12	.....	N. P. O'Neal
Hot Springs	Garland	600	42	*54.6*	+0.8	.....	.....	29	20†	.....	3.55	-1.38	1.35	0.0	10	6	12	13	.....	G. C. Bolton
Index‡‡	Little River	275	8	.....	.....	.....	.....	.....	.....	.....	3.21	.....	1.00	0.0	7	7	5	19	.....	H. G. Sanderson
Jessieville	Garland	750	7	.....	.....	.....	.....	.....	.....	.....	5.49	.....	2.50	0.0	9	6	7	18	.....	U. S. Forest Service
Jonesboro	Craighead	345	38	51.4	-1.0	82	14	27	10	38	8.37	+3.70	3.71	T.	10	13	4	14	nw.	Benedictine Sisters
Lead Hill	Boone	650	27	49.2	0.0	86	13	22	21	48	2.66	-1.43	1.27	T.	10	15	0	16	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	52.7	-0.3	84	14	27	21	37	5.30	+0.68	2.09	T.	12	8	8	15	e.	U. S. Weather Bureau
Lurton	Newton	2100	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	I. C. Sutton
Lutherville‡‡	Johnson	775	34	51.0	-0.8	84	13	21	21	36	4.08	+0.21	1.10	T.	9	14	2	15	e.	H. G. Lenhardt
Madison	St. Francis	....	3	.....	.....	.....	.....	.....	.....	.....	5.09	.....	2.07	0.0	7	18	1	12	.....	J. W. Eppes
Magnolia	Columbia	315	17	57.4	+0.4	87	13	27	21	40	5.35	+0.49	2.50	0.0	8	11	7	13	e.	State Agri. School
Malvern	Hot Springs	277	47	54.8	+0.8	85	14	23	21	41	4.49	-0.67	2.00	0.0	9	16	4	11	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	29	47.8	-2.2	84	13	24	10	40	4.35	+1.02	2.20	T.	8	17	2	12	nw.	S. F. Whittaker
Marianna	Lee	235	21	54.8	+0.8	83	14	29	10†	42	4.58	-0.45	2.10	0.0	9	12	9	10	ne.	C. N. Houck
Marked Tree	Poinsett	229	28	49.6	-1.5	81	14	27	10	41	6.07	+1.19	2.40	T.	8	11	6	14	n.	Charles Walton
Marshall	Searcy	1070	19	48.4	-3.4	80	13	19	21	38	2.95	-1.00	1.32	0.0	9	16	0	15	sw.	A. J. Parks
Mena	Polk	1185	45	53.0	+0.6	82	13	25	20	38	4.47	-0.18	1.16	0.0	8	11	7	13	sw.	E. W. St. John
Morrilton	Conway	347	14	51.0	.....	85	14	28	21	40	4.31	+0.39	1.58	0.0	9	11	7	13	e	John Cook
Mountain Home	Baxter	800	21	48.8	-1.9	85	13	23	10†	39	4.35	+0.63	1.40	T.	7	14	1	16	sw.	R. S. Halbert
Mount Ida	Montgomery	650	34	51.5	-1.1	83	13	20	21	44	5.88	+1.48	1.98	0.0	7	15	4	12	w.	G. A. Whittington
Newport	Jackson	231	50	51.7	-0.9	82	14	28	10	36	6.55	+1.81	1.77	T.	11	13	3	15	n.	J. D. Henderson
Norman	Montgomery	750	5	.....	.....	.....	.....	.....	.....	.....	4.35	.....	1.52	0.0	10	16	2	13	.....	U. S. Forest Service
Oden††	Montgomery	800	7	.....	.....	.....	.....	.....	.....	.....	3.20	.....	1.12	0.0	7	12	8	11	se.	U. S. Forest Service
Okay	Howard	288	4	57.0	.....	85	13	24	21	42	3.37	.....	1.15	0.0	9	8	14	9	s.	Charles R. Jackson
Osceola	Mississippi	240	37	52.7	-0.8	80	14	28	3†	42	6.73	+1.64	3.20	T.	9	11	8	12	s.	Mrs. Ruth Douglas
Ozark	Franklin	396	38	50.2	-2.6	87	13	25	21	47	3.18	-0.72	1.23	0.0	7	18	0	13	e.	Orkney O. Milton
Paragould	Greene	301	10	.....	.....	.....	.....	.....	.....	.....	6.76	.....	2.42	0.0	11	17	7	7	se.	W. R. Heagler
Parkin	Cross	....	3	.....	.....	.....	.....	.....	.....	.....	7.09	.....	3.00	0.0	9	14	3	14	.....	Carroll King
Patterson	Woodruff	196	17	.....	.....	.....	.....	.....	.....	.....	5.25	-0.23	1.80	0.0	7	14	5	12	sw.	W. E. Baker
Piggott	Clay	307	9	.....	.....	.....	.....	.....	.....	.....	7.72	.....	2.60	T.	13	12	5	14	ne.	V. C. Wright
Pine Bluff	Jefferson	215	46	56.9	+2.1	87	14	28	21	38	5.77	+0.46	2.12	0.0	8	11	10	10	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	50.0	-1.2	82	13	25	4†	42	6.50	+1.92	1.70	0.0	10	15	2	14	n.	Benedictine Sisters
Portland	Ashley	122	27	58.3	+1.5	86	14	29	21	40	5.77	+0.54	2.93	0.0	7	13	8	10	n.	W. E. Edmiston
Prescott	Nevada	329	45	57.8	+2.2	86	13†	25	21	42	3.72	-0.74	1.62	0.0	6	13	4	14	s.^{c}	Craig Williams
Rison	Cleveland	243	33	56.8	+1.7	91	14	27	21	44	4.44	-1.05	1.90	0.0	8	13	8	10	n.	Mrs. M. V. Tisdale
Rogers	Benton	1385	42	50.0	+0.8	83	13	19	21	40	2.09	-1.29	1.04	0.2	8	14	4	13	w.	Carl A. Starck
Saint Charles	Arkansas	175	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Saint Francis	Clay	290	6	.....	.....	.....	.....	.....	.....	.....	8.35	.....	3.10	0.0	9	15	9	7	.....	S. T. Rooney
Searcy	White	236	23	51.8	-0.6	83	14	26	21	37	6.04	+1.76	2.29	0.0	13	16	3	12	ne.	Arthur D. Smith
Springbank‡‡	Miller	240	26	.....	.....	.....	.....	.....	.....	.....	4.57	-0.06	2.02	0.0	8	8	4	19	.....	Miss Grace Field
Story	Montgomery	700	9	.....	.....	.....	.....	.....	.....	.....	4.14	.....	1.54	0.0	7	14	5	12	sw.	S. C. Story
Stuttgart	Arkansas	228	46	55.4^{a}	+1.6	81^{b}	14	31^{a}	10	38^{b}	5.05	-0.47	2.60	0.0	9	12^{b}	7^{b}	10^{b}	.....	Mrs. Kress Swim
Subiaco	Logan	1050	36	52.2	-1.1	89	13	26	21	35	3.68	-0.04	1.00	T.	14	14	5	12	e.	New Subiaco Abbey
Sunset	Washington	....	2	48.1	.....	79	13	17	21	38	2.52	.....	0.97	1.6	9	14	4	13	sw.	Walter James
Texarkana	Miller	332	48	56.6	+0.1	85	13†	25	21	43	3.45	-0.78	0.85	0.0	6	12	8	11	n.	H. S. Brashear
Thornburg	Perry	650	13	51.0	.....	87	14	20	21	42	6.22	+1.99	2.22	T	10	18	2	11	s.	Edward E. Holmes
Waldron	Scott	675	14	.....	.....	.....	.....	.....	.....	.....	4.20	+0.47	1.31	T.	9	6	8	17	ne.	Dr. Cheves Bevill
Warren	Bradley	206	39	57.6	+1.5	84	14	28	21	39	6.04	+0.64	2.05	0.0	9	13	11	7	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	.....	.....	.....	.....	.....	.....	.....	4.16	.....	1.11	0.0	8	5	5	21	w.	J. R. Huddleston
Whitecliffs	Little River	290	29	.....	.....	.....	.....	.....	.....	.....	3.89	-0.34	1.50	T.	7	4	5	22	e.	Charles Huff
Wilson	Mississippi	237	8	50.4	.....	80	14	24	4	39	6.47	.....	3.65	0.0	4	21	3	7	s.	D. O. Anderson
Wynne	Cross	250	25	51.0	-0.7	83	14	25	4	40	6.05	+0.87	3.12	0.0	7	8	9	14	n.	R. T. Cobbs
Yancopin	Desha	167	9	.....	.....	.....	.....	.....	.....	.....	5.57	.....	2.35	0.0	10	12	4	15	.....	W. E. Barton
State Means				52.6	+0.2	91	14	17	21	49	4.87	+0.20	3.71	T.	9	13	5	13	e.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a,b,c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for March, 1933

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
nity	Ouachita						.35	.16					.18					.02		.95						.79					.37	.81	3.63
kadelphia.	Ouachita						.08	.26	T.		.01		.07	T.				03	T.	.88	T.					.72					.15	1.30	3.50
kansas City	Mississippi	T					.18	56	.10		T.							.53	T	.80	.15					1.15					T.	3.07	6.54
lberg.	White						.86			.35								.32	1.37		T.				*	.17					.30	1.69	5.06
tesville.	White						.05	.97		05	.47	.07	.03	.02		T.		T.	.37	2.97	T.	T.				.21					.05	1.27	6.53
e Branch.	Arkansas						.66			.30		.05	T.					57	2.45						.17	.27				.12	.16	.86	5.61
ntonville ***	Arkansas					.75	.23	.14		.04				T.	.02			T.	.52	T.	.04				T.					.36	T.	.09	2.19
g Lake Outlet	St. Francis							1.00			.40			T.		.20			.60	.70	T.	T.				.30			T		T.	2.90	6.10
ack Rock	White							95			.20			T.		.02			.06	34	3.32		T.		.02		.18				.41	2.00	7.50
ytheville	St. Francis							1.21	.01		.55					.25			45	97	.05	T.				.28			.02		.17	3.40	7.36
oneville	Arkansas					.69	25	.06		T.								.08	1.12		T.				.03	.28				.38	.34	1.00	4.23
inkley	White							.52		.12	.13	.07	.09					.33	.22	.80						.51						2.80	5.59
lico Rock	White						.11	.58	.02		.26					T.		.12	.19	1.53	T.			T.		29					.22	.37	3.69
mden	Ouachita						.04	.30			.01		.06					.01	.01	.95	.01					2.08				.15	.12	2.68	6.42
rthage	Ouachita																											.20				2.80	....
nter Point	Red					.53													.84						.06	.63			.26	1.02	.81	.02	4.17
arendon	White	T.					T.	.60	T.	.02	.12	.04	.38					.30	.03	1.10	T	.01				.48					.08	3.00	6.16
inton	White						.68			.10		T.						.22	1.54		T.				.28					.14	.37	1.22	4.55
nway.	Arkansas						.69			.04		.10		.04				.21	3.02	.09					.16	.38				.13	.38	2.29	7.53
rning	White							.70			.15					.05				3.40		T.		.27		.28					.10	.10	5.05
tter.	White						28	.57		.05	.13	T				T.		T.	.46	.60	T.					T.					.10	.05	2.24
ossett	Ouachita						.45	.37										.31		.33	.05					1.40					T.	3.43	6.34
nville.	Arkansas						.48	.20				.01								2.00						.18					.32	1.03	4.22
rdanelle	Arkansas						.38	.29			.04								.12	1.55						35					.50	.80	4.03
Valls Bluff	White							56		.05	.12	.05	.07					.18	.18	.61	.02					.47						2.90	5.21
mas	Mississippi						20	.53					.15			T		.30	.10	.73						1.35			T.		.23	2 08	5.67
tton	White																																....
Dorado	Ouachita						.64	.44										.54		.56						1.00					.10	3.40	6.68
ngland	Arkansas						.61	.03		.06		T.	T.					.17	.48	.28	T.				.41	.10				.09	1.17	1.00	4.40
reka Springs	White						1.00	.27							.15			.18	.38		.05									.08	.32	.12	2.55
yetteville	White					.05	.72	.28	.02	.03					.01	.02		.04	.36	T.	.03									.06	.17	.11	1.90
rt Smith ***	Arkansas					1.12	.05	.02		T.		T						.08	.58		T.				.18					.15	.15	.23	2.56
eeman Sprgs.	Arkansas						.87	.32	.02	T.	.16							T	.66	.84	T.	T.				.09					.53	.86	4.25
lton	Red						.52	.13		T.			T.	T.				T.	T.	1.00						.50			T.	T.	.16	1.07	3.38
eorgetown	White							.70			.21	.09		.10				T.	.30	1.39						.41					.42	1.78	5.40
lbert	White						.35	.52		05	.03	T.	T.			T	T.	.03	.18	.73	T.					09					.18	1.10	3.26
rannis	Red					.35	.80	.03		.03			.04					.06	1.08		T.				40	.60		T.	.10	2.03	.47	.39	6.38
avette	Arkansas					.72	.31	.30							T.			06	37		T.				T.					.12	.12	.10	2.13
arrison	White						1.25	.05		.18								.10	.43		T.			.02	.06	.01				.15	04	1.09	3.38
elena	Mississippi	.08					.12	1.00		.07	.04	.12		.24				.45	.23	1.01	.02					.33					.30	2.17	6.18
igden	White						.61	.06		.10					.07			.26	1.36	.18					.05	.31					.10	1.30	4.40
ighland	Ouachita						.42												.93						.16	.48			.28	.86	.71		3.84
ope	Red					.04	.56		.07										.89							.53				.17	1.43	.33	4.02
ot Springs	Ouachita						.67			.02			.01					.05	1.35						.12	.20				.17	.40	.56	3.55
dex	Red						.44	.10					.06							1.00						.58					.18	.85	3.21
ssieville	Ouachita						*	.75				.02						T.	.40	.70	1.00				.12						*	2 50	5.49
nesboro	White							.65			.65		.02	T.		.16		T.	.32	3.71	T.	.02				.05					.19	2.60	8.37
ead Hill	White						1.27	.07		.11						.01		.07	.36		.01		T.		T.					.12	.04	.60	2.66
ittle Rock ***	Arkansas					.02	.35	T.		.02		.11	.02	T.	T.			.34	2.09	.01	T.				.28					.09	1.31	.66	5.30
rton	White																																....
therville	Arkansas						.71			.07						T.		.57	1.10		T.				.10	.12				.41	.47	.53	4.08
adison	St. Francis						T.	.97	T.	T.	.25	T.	T.					T.	.66	.48						.46					.20	2.07	5.09
agnolia	Red						.50												.50	.50					10	.60				.20	2.50	.45	5.35
alvern	Ouachita						.10	.26			.01		.08					09		1.21						.59					.15	2.00	4.49
ammoth Spg.	White							2.20			.20					T.			.10	.90		T.		.10		.30					15	.40	4 35
arianna	St. Francis						.62	.08		.20		.15						.47		.52					.18	.26						2.10	4.58
arked Tree	St. Francis							.78	T.		.45								.63	.92	T.	.03				.47					.39	2.40	6.07
arshall	White						.68	.02		.02								.16	.41		T.				.06					.04	.24	1.32	2.95
ena	Ouachita						1.15	.10		T			.02					.10	T.	1.16						.24				T	.78	.92	4 47
orrilton	Arkansas						.15	.30		02	T.	T.		T.				.07	.20	1.58						.33					.29	1.37	4.31
ountain Home	White						.45			25								.98	1.40		T.		.10							.25		.92	4.35
ount Ida	Ouachita						1.00						.05						1.90						.05	.14					.76	1.98	5.88
ewport	White							.89			.25			.03		.19		.02	.98	1.77	.01	T.				.54					.17	1.70	6.55
orman	Ouachita						.87	.03			.03		.04	.01				.20	1.52							.32		.03			1.30		4.35
den	Ouachita						.86	.08										.05		1.00						.06	.03					1.12	3.20
kay	Red						T.	.42	.12		T		T.					T.	1.15	.02					.12	.60				.14	.72	.08	3.37
sceola	Mississippi							1.23	.04		.40			T.		.19			.66	.70	.06	T.				.25						3.20	6.73
zark	Arkansas						.71	.10			T.								.10	1.23						.12					.62	30	3.18
aragould	St. Francis							.82	T.		42			.21		.17		.02	15	2.42						.13			.04		.73	1.65	6.76
arkin	St. Francis							.80			1.00	.10						10	.69	.66						.49					.25	3.00	7.09
atterson.	White							.73					.46						.34	1.21						.45					.26	1.80	5.25
iggott	St. Francis						.70	.43		.20					.04	.22		.30	2.60	.18	.02				.30	.32					.98	1.43	7.72
ine Bluff	Arkansas						T.	.51			.07		.32					.52	T.	1.30						.71					.22	2.12	5.77
ocahontas	White						.60	36		.42								.50	1.70	.80					.20	.22					.20	1.50	6.50
ortland	Ouachita						.22	.45										.37		.60	.03					1.17						2.93	5.77
rescott	Ouachita						.26	.23												.81						.58					.22	1.62	3.72
ison	Ouachita						.10	.35			.09								.11	.79						.90					.20	1.90	4.44
ogers	White					.15	1.04	.22							T.			T.	.28		.03				T.					.09	.23	.05	2.09
t. Charles	White																																....
t. Francis	St. Francis						T.	.97			.12			T.		.38			.54	3.10	T.	T.		.32		28					.12	2.52	8.35
earcy	White						.03	.76		01	.36	.05	.05	.01				.04	.26	2.29						.53					.10	1.55	6.04
pringbank	Red						.85	.13			T.							.03	T.	.47						.95		.02			.10	2.02	4.57
tory	Ouachita						.50	.11											1.54						.15					.25	.42	1.17	4.14
tuttgart	Arkansas						.03	.52			.14		.04					.31		.77	T.					.55					.09	2.60	5.05
ubiaco	Arkansas					.04	.68	.04		.04		.02	.01					.10	.84	.04	T.				.09	.40				.31	.07	1.00	3.68
unset.	Arkansas						.97	.15		T.					T.			.09	.97	T	.01					.07				.10	.02	.14	2.52
exarkana	Red						.60													.85						.80				.12	.60	.48	3.45
hornburg	Arkansas						.75			03		.06						T.	2.22	.01	T.				.08	.27				.20	.83	1.77	6.22
aldron	Arkansas					T.	.92	.04				.02	T.					.05	1.10		T.				T.		.03	T.	.42		.31	1 31	4.20
arren	Ouachita	.10						.90	.20		T.							.30	T.	.70						1.50				.04	.25	2.05	6.04
aters	Ouachita						.98	.19					.09							1.11						.30				.24	75	.50	4.16
hitecliffs	Red					T.	.64	.10			T.		.04	T.				T	T	1.50		T.				.62			T.		.17	.82	3.89
ilson	Mississippi							1.17										T.	.93	.72											T.	3.65	6.47
ynne	St. Francis							.76			.33								.55	.68	T.					.46					.15	3 12	6.05
ancopin	Arkansas						.11	.45			.18		.06					.87		.45	.04					.91					.15	2.35	5.57

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
otter	White	21	8.2	7.1	6.4	6.0	6.0	5.9	4.8	6.4	8.6	9.2	9.2	8.0	7.2	6.2	6.1	6.0	5.7	5.1	5.1	5.1	4.8	5.8	5.8	5.8	5.1	5.0	5.0	4.5	4.1	4.1	4.0
alico Rock	do	18	6.5	5.7	5.1	4 6	4.3	4.0	3.7	7.7	8.0	8.4	8.0	6.7	6.1	5.4	5.0	4.6	4.2	4.1	5.8	5.6	5 0	5.0	4.9	4.6	4.8	3.9	3 8	3.1	2.6	2.4	2.9
atesville	do	23	12.1	12.0	11.0	10.3	9.8	9.5	9.5	10.4	14.5	14.3	15.1	13.7	12.3	11 3	10.8	10.2	9.6	9.5	18.5	12.7	11.9	11.0	10.8	10.5	10.2	9.7	9.3	9.3	8.3	8 1	8.3
ewport	do	26	9.2	11.0	11.2	10.4	9.5	8 9	8.7	8.7	11.7	13.9	14.9	15.2	14.5	13.4	12.2	11.3	10.4	6 8	15.4	18.8	18.4	18.3	18.1	17.5	16.9	15.8	14.3	13.0	11.8	10.5	10.2
eorgetown	do	22	10.3	11.9	13.2	13.8	13.7	13.3	13.0	13.0	13.2	14.4	15.6	16.4	16.7	16.8	16.7	16.3	15.6	15.2	17.2	19.1	20.1	20.4	20.4	20.4	20.4	20.4	20.3	20.0	19.6	19.0	18.5
e Valls Bluff	do	24	14.1	14.9	15.9	16.8	17.3	17.5	17.5	17.4	17.3	17.5	18.0	18.7	19.0	19.4	19.6	19.6	19.5	19.4	19.4	20.0	20.5	21.0	21.4	21.6	21.7	21.7	21.7	21.6	21.5	21.5	21.7
larendon	do	30	19.4	19.6	20.0	20.5	21.0	21.3	21.5	21.6	21.7	21.7	21.8	22.1	22.4	22.7	22.8	23.0	23.1	23.2	23.3	23.3	23.5	23.7	24.1	24.6	25.1	25.5	25.7	25.9	26.0	26.0	26.0
ilbert	Buffalo	30	4.9	4.8	4.7	4.5	4.4	4.5	8.2	7.2	6.0	5.0	4.9	4.9	4.8	4.6	4.4	4.3	4.2	4.3	6.0	5.7	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.9	3.8	3.7	4.8
lack Rock	Black	14	6.9	6.8	6.8	6.3	6.1	5.9	6.5	7.0	7.3	7.7	7.7	7.4	7.0	6.9	6.8	6.3	6.6	6.5	16.0	15.5	15.5	13.6	12.4	11.5	10.4	9.6	9.0	8.6	8.4	8.2	8.8
rkadelphia.	Ouachita.	12	6.0	4.6	3.4	3.4	2.4	1.8	3.8	3.6	3.4	3.4	3.2	3.2	3.0	3.2	3.2	2.6	2.4	2.8	4.8	4.6	4.0	3.6	3.4	3.2	3.4	3.2	3.0	3.0	2 8	3.0	5.0
amden.	Ouachita.	26	16.2	22.2	23.6	23.3	22.4	21.4	19 3	17.9	17.0	16.9	16.1	15.0	13.9	13.0	12.5	11.8	11.1	10.7	10.8	12.9	16.1	16.9	16.9	15.7	14.6	13.9	14.4	14.8	14.1	13.1	14.6
ulton	Red	28	12.1	16.2	17.7	17.4	16.5	15.7	15.3	20.8	22.8	23.6	23.4	22.0	20.5	19.0	17.3	15.5	14.2	13.0	12.5	12 5	13.1	13.8	14.0	13.5	12.9	12 2	11.9	11.4	10.8	10.8	12.4
elena	Mississippi	44	37.7	38.4	38.8	39.2	39.6	39.8	39.9	39.6	38.7	37.0	34.6	32 0	29.7	28.1	27.2	26.4	25.7	25.1	24.9	25.2	26.1	28.0	30.2	32.5	34.5	35.9	37.1	38.2	39.1	40.0	41.2
rkansas City	do	48	38.0	38.4	38.8	39.3	39.7	40.1	40.5	40.8	41.0	40.9	40.7	40.1	39.1	37.8	36.6	35.3	34.2	33.0	32.0	31.1	30.7	30.9	31.7	33.0	34.4	35.6	36.6	37.5	38.3	39.1	40.0

Daily temperatures for March, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	64	69	60	57	56	54	47	70	50	53	52	68	84	80	62	70	74	64	53	40	65	73	69	54	66	67	80	81	76	75	70	64.6
	Minimum	32	35	36	35	35	42	35	36	36	30	30	40	45	64	39	34	35	52	52	30	25	26	41	42	44	40	41	47	55	55	59	40.3
Batesville §§	Maximum	61	62	53	52	56	48	49	67	44	43	45	66	79	81	58	63	67	67	63	35	53	68	59	53	64	63	79	70	77	71	71	60.9
	Minimum	27	27	27	25	25	38	40	34	32	23	24	32	45	64	37	26	28	38	58	35	28	28	32	31	38	29	30	35	39	46	46	34.4
Bee Branch	Maximum	63	64	62	56	55	66	51	71	66	46	46	56	82	83	58	66	66	66	62	48	55	70	69	60	66	66	78	77	77	71	70	64.3
	Minimum	34	33	33	29	37	41	38	40	37	27	33	42	54	56	37	33	45	60	47	30	25	35	37	40	44	35	39	53	52	58	56	40 6
Bentonville	Maximum	62	62	55	56	49	41	42	60	45	50	54	64	82	64	56	62	66	67	55	30	48	69	56	61	59	66	75	75	71	73	64	59.3
	Minimum	33	35	35	32	40	35	32	37	28	24	37	42	61	39	30	36	47	55	28	23	19	35	33	41	40	34	43	48	54	55	47	38.0
Blytheville	Maximum	60	55	46	53	58	53	47	65	61	40	48	64	79	80	58	62	60	68	69	62	58	72	65	57	65	62	75	70	77	71	69	62.2
	Minimum	33	34	28	25	31	44	39	41	35	26	29	40	59	58	35	30	41	56	56	33	30	32	42	35	48	34	40	48	45	59	58	40.1
Booneville	Maximum	63	68	61	56	52	48	45	67	61	50	47	65	86	83	61	70	68	72	64	41	55	75	72	58	65	69	80	76	75	74	68	64.4
	Minimum	31	36	40	35	41	38	36	33	44	30	38	44	58	51	34	36	50	57	41	27	24	41	36	45	43	34	42	50	54	61	52	41.4
Brinkley	Maximum	62	66	56	54	61	58	52	66	60	45	43	71	81	84	60	68	71	75	68	54	55	73	69	56	68	67	78	74	83	74	73	65.3
	Minimum	37	33	32	28	34	45	36	43	37	28	31	41	61	59	38	32	46	61	51	33	27	37	45	39	44	39	40	52	50	59	58	41.8
Calico Rock§§	Maximum	63	62	54	53	54	47	48	66	45	46	48	69	87	82	59	66	68	71	62	35	52	70	59	53	64	65	79	72	78	72	68	61.8
	Minimum	28	29	26	25	28	37	38	34	36	24	26	34	47	54	30	28	29	45	46	32	26	26	31	34	41	30	32	37	40	47	56	34.7
Camden§§	Maximum	64	70	60	60	62	54	52	68	61	54	56	75	83	85	63	70	78	77	59	40	64	73	69	61	69	67	78	80	78	76	72	67.0
	Minimum	33	35	35	36	37	44	36	36	36	32	32	41	49	66	40	34	34	56	52	33	25	26	48	48	47	39	44	45	54	56	58	41.5
Center Point	Maximum	68	69	61	59	54	55	49	70	63	54	52	64	84	82	63	70	73	70	62	47	66	75	76	67	70	68	79	82	74	73	70	66.7
	Minimum	35	40	40	38	43	41	36	33	45	33	42	46	63	57	38	38	54	60	43	30	28	47	41	48	44	45	46	58	57	60	58	44.7
Conway	Maximum	64	68	62	54	58	56	52	69	65	47	46	62	83	87	65	68	65	69	64	48	55	73	71	60	69	67	81	76	80	74	68	65.4
	Minimum	32	33	36	31	39	42	38	37	37	29	35	43	56	65	38	33	49	60	47	31	23	39	40	42	43	37	42	52	52	60	56	41.8
Corning	Maximum	62	56	48	52	55	49	48	65	60	42	45	59	81	81	55	62	60	66	68	52	46	70	66	49	62	60	76	70	76	72	70	60.7
	Minimum	34	32	28	25	29	42	39	39	33	25	34	33	56	50	33	29	39	54	52	33	26	30	41	34	44	33	41	41	41	59	54	38.2
Crossett §§	Maximum	66	69	60	60	67	55	51	68	68	53	68	79	82	86	62	71	84	80	69	39	67	73	71	65	71	67	81	82	84	78	76	69.4
	Minimum	32	32	36	35	36	37	38	39	39	33	33	41	44	52	44	37	41	38	65	37	27	31	50	42	48	40	41	49	53	57	58	41.5
Dardanelle	Maximum	63	66	65	53	55	52	50	69	65	48	47	57	86	85	69	67	63	69	62	46	56	73	63	61	68	68	80	77	79	74	68	64.7
	Minimum	32	35	39	33	41	41	37	35	42	30	37	42	53	66	40	37	50	58	45	30	25	40	38	43	40	35	43	50	53	61	56	42.2
Dumas	Maximum	62	66	56	60	63	58	50	69	60	48	56	77	82	55	75	70	81	79	68	56	60	74	67	59	69	68	82	82	83	77	76	68.3
	Minimum	34	45	35	34	34	46	37	42	42	31	36	44	64	65	40	37	51	65	54	34	28	41	49	43	49	40	46	55	52	51	58	44.6
El Dorado	Maximum	64	70	65	61	64	61	52	67	67	56	59	75	83	86	76	66	78	78	77	64	66	71	70	63	69	68	79	80	78	76	72	69.7
	Minimum	36	39	40	38	44	44	38	39	47	34	40	49	58	67	44	40	56	67	52	35	29	50	52	48	50	42	49	55	56	60	60	47.0
England	Maximum	65	66	59	57	61	54	50	69	62	51	49	70	87	75	65	74	..	75	64	48	60	71	70	57	67	66	81	79	80	74	72	65.9
	Minimum	37	39	35	30	38	45	37	38	40	30	34	44	64	39	33	52	..	60	47	34	28	38	44	41	45	37	44	54	50	60	60	42.5
Eureka Springs	Maximum	64	63	59	56	51	46	41	62	58	49	53	66	81	75	56	64	64	69	62	36	49	68	66	63	61	68	78	75	73	73	70	61.9
	Minimum	31	39	32	28	39	38	32	37	35	22	35	41	60	38	31	35	49	52	35	22	18	35	32	40	39	37	49	48	53	57	49	38.4
Fayetteville	Maximum	62	64	60	54	52	46	42	60	54	51	54	63	79	76	54	62	66	68	65	34	49	69	68	61	59	64	75	77	73	72	64	61.2
	Minimum	32	33	34	35	42	37	32	35	37	24	37	42	58	45	30	36	46	54	34	22	21	36	32	42	39	33	41	49	54	59	49	38.7
Fort Smith	Maximum	64	65	58	55	48	47	47	65	52	49	47	63	85	75	60	67	69	72	60	39	53	75	64	60	65	69	77	76	72	76	69	62.7
	Minimum	39	41	41	35	42	39	37	38	37	31	39	45	56	46	38	39	50	57	32	28	26	43	35	46	46	42	48	58	55	59	54	42.6
Gravette	Maximum	60	63	60	55	53	44	52	58	51	51	55	63	79	77	55	61	67	68	61	35	50	70	61	62	59	65	75	76	72	73	67	61.2
	Minimum	31	36	34	32	34	35	34	32	35	22	32	39	57	37	27	37	47	56	32	20	18	36	30	41	37	35	42	49	52	56	47	37.2
Harrison	Maximum	58	60	54	53	50	52	41	61	51	44	50	65	83	74	55	65	60	71	60	38	51	67	66	56	60	69	76	70	77	71	63	60.4
	Minimum	30	32	30	28	37	38	34	35	36	23	33	44	60	43	31	33	44	57	38	27	23	32	38	39	44	34	45	47	50	61	50	38.6
Helena	Maximum	60	63	54	52	60	60	49	65	56	44	43	73	78	83	58	67	72	77	70	53	53	75	66	59	65	64	77	73	83	73	72	64.4
	Minimum	35	35	33	30	36	43	37	43	37	29	33	42	51	57	39	36	50	61	51	33	27	34	47	39	47	41	45	52	54	58	56	42.3
Highland	Maximum	59	62	61	55	50	48	49	63	63	53	54	68	83	88	63	67	74	75	59	41	62	73	71	63	62	68	75	83	75	71	73	64.9
	Minimum	40	39	39	36	37	39	36	37	44	32	42	47	64	54	38	36	53	59	35	29	30	48	44	48	45	46	49	58	57	58	55	44.3
Hope	Maximum	64	69	62	60	60	58	51	71	60	55	57	74	85	82	65	71	75	75	61	48	68	78	69	64	71	70	79	81	76	75	72	67.9
	Minimum	33	41	39	36	44	41	37	35	44	33	41	47	62	57	39	43	55	60	45	32	27	44	47	47	46	46	46	56	50	61	60	45.0
Jonesboro	Maximum	61	58	50	51	57	51	49	68	60	39	49	62	81	82	54	64	59	68	66	52	51	72	68	53	64	63	77	71	78	74	68	61.9
	Minimum	37	36	31	29	33	45	38	41	37	27	29	43	58	51	36	34	43	58	52	32	29	34	40	37	46	39	40	50	46	60	57	40.9
Lead Hill	Maximum	64	61	57	54	53	50	44	64	55	47	52	68	86	78	58	76	60	73	60	40	51	70	65	57	63	69	77	74	80	75	66	62 8
	Minimum	26	29	24	28	37	38	36	32	36	23	33	34	55	47	27	28	37	57	39	27	22	27	37	31	42	24	35	39	42	59	50	35.5
Little Rock	Maximum	61	64	52	51	57	53	49	66	55	45	43	66	81	84	56	65	73	72	59	40	55	71	60	51	66	62	77	72	79	74	69	62.2
	Minimum	39	40	37	33	40	38	38	39	38	30	35	42	66	47	41	38	51	59	40	30	27	42	42	44	47	45	46	56	54	60	55	43.2
Lutherville	Maximum	63	68	61	51	51	50	47	66	58	48	47	54	84	80	61	64	60	70	60	43	54	70	67	58	67	65	78	73	74	71	61	62.1
	Minimum	36	38	37	30	39	38	35	35	40	26	34	41	52	50	35	30	47	58	40	25	21	37	33	41	40	36	42	53	52	58	54	39.8
Magnolia	Maximum	63	71	70	60	61	60	50	68	68	55	59	75	87	85	67	69	77	76	63	50	63	74	72	66	68	68	75	79	76	76	70	68.5
	Minimum	35	41	40	37	45	41	37	37	51	33	40	49	70	65	42	38	55	61	49	32	27	50	51	49	49	45	45	46	57	59	57	46.2
Malvern	Maximum	65	69	60	58	59	55	49	67	63	52	52	65	84	85	64	67	76	72	61	48	63	71	70	61	69	65	81	81	79	75	71	66.4
	Minimum	31	33	37	33	40	45	37	35	42	31	38	44	63	63	40	34	51	61	46	33	23	36	42	43	50	36	40	53	53	62	62	43.1
Mammoth Spring	Maximum	56	54	52	51	51	53	47	64	56	44	46	60	84	79	53	61	60	63	61	48	48	62	58	52	[illegible]	58	[illegible]	69	72	[illegible]	71	59.5
	Minimum	29	27	26	25	32	34	39	36	38	24	33	33	52	45	34	29	38	54	44	30	26	34	29	[illegible]	[illegible]	32	34	46	43	[illegible]	53	36.2
Marianna	Maximum	60	63	58	52	60	51	51	65	64	51	44	70	80	83	82	71	70	77	77	70	52	72	70	[illegible]	[illegible]	67	76	74	80	77	76	66 8
	Minimum	38	36	34	31	37	40	38	45	39	29	34	44	47	65	40	37	49	53	39	34	29	39	47	[illegible]	48	44	45	50	51	60	65	42 9
Marked Tree§§	Maximum	60	60	50	53	59	51	48	65	47	41	49	66	79	81	55	66	65	73	68	40	50	72	56	55	64	62	76	70	78	71	70	61.3
	Minimum	35	32	31	29	29	35	37	37	42	27	28	34	44	64	37	32	33	48	57	37	30	31	37	34	37	37	40	41	45	48	50	38 0
Marshall	Maximum	59	59	54	51	51	51	46	56	56	50	49	54	80	79	58	60	60	61	61	55	52	66	66	58	58	62	76	71	68	69	69	60.4
	Minimum	27	32	29	26	36	38	33	30	35	21	30	38	51	45	29	31	47	56	42	25	19	30	34	38	40	27	38	42	50	57	50	36.3
Mena	Maximum	65	68	61	58	53	49	45	69	56	56	53	63	82	80	62	67	72	67	60	40	64	72	68	58	64	65	77	79	70	71	66	63.9
	Minimum	35	38	39	34	41	38	33	34	45	30	41	44	62	48	37	31	51	57	40	25	26	43	40	45	44	34	48	48	55	58	56	42 1
Morrillton §§	Maximum	62	67	55	53	55	48	49	67	49	45	45	69	82	85	60	67	69	68	53	33	54	71	61	49	66	64	78	72	79	73	67	61.8
	Minimum	35	36	37	31	33	40	38	38	40	29	31	36	43	67	40	35	37	49	50	32	28	31	40	40	43	39	44	45	51	54	56	40.3
Mountain Home	Maximum	64	60	56	52	53	50	46	66	53	45	48	67	85	79	56	64	56	72	56	40	51	67	63	49	62	66	78	78	78	70	68	61.2
	Minimum	33	33	26	26	35	40	36	34	34	23	28	36	53	45	32	31	41	55	38	27	23	30	35	37	40	30	39	45	46	58	41	36.5
Mount Ida	Maximum	65	67	59	56	55	53	45	71	64	53	52	55	83	82	61	67	73	71	61	42	63	73	71	55	68	65	80	79	73	72	67	64.5
	Minimum	25	29	29	27	42	41	35	29	42	26	38	43	51	55	29	29	48	57	42	25	20	36	36	38	40	27	36	50	55	60	55	38.5
Newport	Maximum	60	60	53	53	58	54	50	68	64	41	49	62	81	82	53	64	64	68	65	51	52	70	69	54	64	63	77	70	79	70	69	62.5
	Minimum	34	34	31	29	33	45	38	41	38	28	30	43	57	52	37	33	43	61	51	32	29	35	41	38	47	39	41	50	45	58	56	40.9
Okay	Maximum	64	69	66	59	59	56	51	70	69	54	55	73	85	85	68	70	75	74	62	49	66	77	80	69	72	74	77	81	83	77	75	69.2
	Minimum	33	37	38	38	45	40	36	33	47	34	42	47	64	67	36	35	55	60	48	31	24	51	44	49	46	41	39	58	56	57	58	44.8
Ozark	Maximum	62	68	58	52	51	46	46	70	50	50	49	68	87	79	63	64	63	70	46	35	52	73	65	54	55	66	80	74	73	74	68	62.2
	Minimum	32	32	36	34	34	44	37	34	34	28	29	38	47	57	35	35	39	[illegible]	45	35	30	25	26	34	34	45	36	41	42	49	55	38.3
Pine Bluff	Maximum	65	66	59	56	60	56	51	71	68	50	52	75	84	87	74	69	79	77	65	52	64	75	68	67	71	68	83	81	85	76	76	68.7
	Minimum	37	35	39	34	40	45	39	41	41	32	36	44	65	67	40	37	52	61	51	36	28	41	47	[illegible]	44	47	42	45	57	54	60	45.1
Pocahontas	Maximum	61	60	54	52	56	53	49	67	66	41	46	57	82	79	57	61	59	67	68	54	50	68	69	54	63	63	78	76	76	72	71	62.2
	Minimum	36	33	27	25	31	41	37	37	34	25	25	35	50	53	33	30	40	53	50	30	26	29	39	33	43	34	36	40	46	52	56	37.7
Portland	Maximum	62	66	60	55	63	61	52	67	69	53	60	80	80	86	84	71	84	82	79	58	64	74	69	65	68	65	78	82	84	77	76	70.1
	Minimum	38	35	36	35	40	38	39	42	44	34	38	44	66	67	44	38	55	[illegible]	57	36	30	26	46	34	45	55	43	48	48	55	58	46.5
Prescott	Maximum	64	71	66	61	60	53	57	70	63	59	67	75	86	86	82	69	77	75	71	50	65	75	74	67	70	69	79	81	80	76	72	70.0
	Minimum	38	37	38	35	43	43	40	35	40	40	48	47	65	67	40	35	55	53	48	31	25	47	45	48	46	41	46	57	54	63	59	45.5
Rison	Maximum	65	68	63	68	60	60	53	67	64	52	53	77	82	91	83	68	80	87	74	54	63	74	80	60	71	69	80	82	83	73	79	70.7
	Minimum	33	35	37	33	49	44	36	38	41	31	36	44	64	65	39	35	51	65	48	32	27	44	47	45	46	40	45	51	53	58	58	42.9
Searcy	Maximum	60	62	56	52	58	54	52	67	62	43	44	63	80	83	56	64	65	71	61	51	[illegible]	70	69	55	66	63	77	73	79	73	72	63.0
	Minimum	35	34	33	29	35	42	37	40	38	28	32	43	63	55	38	33	44	60	50	32	26	45	41	48	34	43	38	47	38	[illegible]	51	40.7
Stuttgart	Maximum	61	65	59	53	59	56	50	66	61	46	47	73	81	84	77	68	76	76	65	..	..	71	69	55	68	65	78	77	80	74	75	66.7
	Minimum	34	35	36	32	37	47	37	40	42	31	35	45	63	66	39	34	51	62	43	35	..	..	43	45	41	38	46	40	43	54	61	44.1
Subiaco	Maximum	63	68	59	53	57	52	45	65	60	49	45	60	89	79	62	65	64	71	60	40	52	71	69	57	64	67	77	72	75	74	65	62.9
	Minimum	36	36	39	32	40	39	36	40	40	28	36	42	54	51	37	36	51	57	40	27	26	38	42	44	43	40	45	52	56	62	[illegible]	41.4
Sunset	Maximum	59	60	56	51	45	40	37	60	50	49	50	57	79	72	56	59	59	62	59	30	56	66	65	52	64	60	75	74	66	60	61	57.8
	Minimum	40	42	36	34	38	35	30	35	35	21	34	38	54	51	38	30	36	50	52	30	19	41	36	42	38	38	40	45	53	56	46	38.4
Texarkana	Maximum	65	72	72	65	60	52	52	70	70	55	58	75	85	85	70	70	72	72	67	48	68	76	44	70	70	67	75	81	75	72	72	68.9
	Minimum	33	39	40	37	45	37	34	35	46	33	40	47	60	62	35	37	54	56	46	29	25	52	45	48	45	40	49	51	56	58	58	44.2
Thornburg	Maximum	63	66	58	54	55	52	47	63	53	50	45	68	83	87	62	67	67	69	63	45	52	71	69	52	66	70	81	76	78	73	66	63.4
	Minimum	25	28	27	29	39	41	33	33	30	26	35	35	53	56	37	27	44	60	45	30	28	34	38	43	40	28	40	45	38	60	57	38.6
Warren	Maximum	62	68	65	56	62	60	56	65	64	60	55	75	81	84	83	69	79	76	75	58	60	73	71	68	67	66	79	80	82	75	73	69.3
	Minimum	36	36	37	34	41	45	35	40	42	42	38	45	64	65	44	37	52	66	55	34	28	45	51	45	49	43	40	49	[illegible]	59	57	45.8
Wilson	Maximum	57	57	51	52	56	57	47	63	60	41	47	75	79	80	54	64	63	[illegible]	70	45	48	71	69	58	64	66	75	73	79	72	69	62.5
	Minimum	31	30	26	24	30	37	37	40	32	27	28	46	43	53	35	29	42	58	38	33	30	33	40	33	46	47	40	45	58	55	[illegible]	38.4
Wynne	Maximum	59	70	51	52	60	54	54	65	62	42	44	63	80	83	55	58	68	74	70	55	50	74	66	55	65	72	76	70	80	73	71	63.6
	Minimum	31	31	28	25	30	32	33	38	35	26	29	40	50	45	34	32	42	60	52	31	26	35	40	42	40	38	36	51	48	58	56	38.5

§§Thermometers are read in the morning; the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

Vol. XXXVIII Little Rock, Ark., April, 1933 No. 4

GENERAL SUMMARY

The first week of April was mild but, following the warm days of the 9th and 10th, temperatures were below normal until the 18th with departures exceeding 20° in some sections on the 15th. On the 14th and 15th the heaviest snowfall for April in the history of the State occurred in the northwestern portion, the greatest depth reported being 14 inches at Gravette. The ground was warm and much of it melted as it fell, but it was estimated that more than 24 inches fell in some sections of Washington and Benton counties. Telegraph and telephone wires were broken and several thousand dollars damage done. Fruit trees and strawberries were in bloom but little damage resulted other than that fruit trees were damaged by the weight of the wet snow. On the 26th hailstorms occurred over an area extending from Scott County on the western border southeastward to Jefferson County. The path was narrow in many places but at times 6 or 7 miles wide. Stones as large as golf balls were reported in many instances, some being larger in a few localities. A few people were injured and the damage to property was at least $100,000.

The average temperature for the State, based on the reports of 62 stations, was 61.1° which is 0.4° below the mean for the past 43 years. Monthly means ranged from 57.0° at Sunset in the Ozarks to 65.6° at Warren. The highest temperature recorded was 93° at Dardanelle on the 10th; the lowest, 28° at Mount Ida on the 12th. The greatest daily range was 52° at Calico Rock on the 7th.

The average precipitation for the State for the 92 stations reporting was 4.80 inches which is 0.13 inch below the mean for the past 43 years. Monthly totals ranged from 2.27 inches at Thornburg to 9.14 inches at Corning. The greatest 24-hour amount of rainfall was 3.42 inches at Little Rock on the 20th-21st. The average number of rainy days was 11.

Unusual Phenomena

TORNADOES:

From 4 miles south of Ash Flat to near Sitka, 10th, 2:30 p. m., from west, 2600 feet wide and 7 miles long, houses, barns, and fences destroyed, property loss $4,500.

Originating in Texas and moving northeastward, striking in Arkansas about 15 miles northwest of Texarkana, 26th, p. m., from southwest, property damage unknown.

Camp Joy (near Hot Springs), 29th, 7 p. m., from southwest, path narrow and short, property damage $3,000.

Saltillo (11 miles southeast of Conway), 29th, 10 p. m., from west, path narrow and one mile long, property damage $1,000.

WINDSTORMS:

Crossett, 10th, $200 damage to timber and small outbuildings.

From Sitka south to the Strawberry River, 10th, houses and barns damaged, loss $2,500.

Little Rock, 29th, trees and light poles blown down, plate glass broken, property damage $6,000.

KILLED BY LIGHTNING: 13th, near Rena in Crawford County, 2.

HEAVY HAIL:

Ash Flat and vicinity, 10th, severe damage to roofs of buildings in connection with windstorm.

Marshall, Newport, Tupelo, 10th, slight damage.

Mulberry, 20th, considerable damage to gardens.

On 26th:

Arkadelphia, $25,000 damage to crops, buildings, etc.

Forester, several thousand dollars damage to fruit, truck, buildings.

Northern Garland County, $6,000 damage to houses and gardens.

Hot Springs, $1,000 damage to green houses and city lights.

Montrose and vicinity, $25.00 damage in Montrose.

Pine Bluff, $28,000 damage to green houses, crops, and buildings.

Sheridan, $25,000 damage to buildings; $7,500 damage to crops.

Story, severe damage to all crops.

Waldron, $500 damage to buildings; severe damage to truck crops.

MODERATE HAIL:

Corning, 10th, slight damage; Grannis, 21st, no damage reported; Thornburg, 21st, no damage reported; Dumas, 26th, no damage.

Corrections: January, 1933

Little Rock maximum temperature on 8th should be 47°; minimum temperature 4th, 52°; 8th, 41°; 15th, 36°; mean maximum temperature 58.4°; mean minimum temperature 41.9°.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29 83	30.18	12	29.46	4	7.7	24	se	4	....	.	....	66
Fort Smith	29.84	30.20	12	29.52	29	9.2	29	se	29	76	53	53	59
Little Rock	29.88	30.30	12	29.58	29	9.1	34	se	29	80	54	54	63
Memphis	29.88	30.29	12	29.60	5	7.9	30	n	10	78	63	61	62

COMPARATIVE DATA FOR APRIL

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	+1.3	98	22	2.75	−2.18	4.90	0 41	....	8	15	10	5
1892	61.4	−0.1	97	27	6.98	+2.05	11.06	1.32	0.0	10	12	9	9
1893	64.9	+3.4	94	29	7.16	+2.23	13.22	4.02	T.	8	11	10	9
1894	63.1	+1.6	91	29	6.18	+1.25	12.73	1.29	0.0	9	14	8	8
1895	63.1	+1.6	98	30	1.99	−2.94	3.90	0.71	T.	6	15	8	7
1896	67.8	+6.3	94	24	3.65	−1.28	9.36	0.46	0.0	5	12	12	6
1897	61.4	−0.1	90	31	4.14	−0.79	6.12	1 93	0.0	9	12	11	7
1898	59.2	- 2.3	93	19	3.09	−1.84	7.85	1.10	0.0	8	14	8	8
1899	60.7	−0.8	96	19	3.28	−1.65	5.38	0.82	T.	7	10	11	9
1900	62.2	+0.7	96	24	4.98	+0.05	10.06	1.51	T.	10	10	12	8
1901	58.1	−3.4	96	22	3.82	−1.11	5.48	1.37	T.	6	14	8	8
1902	61.2	−0.3	96	25	2.87	−2.06	5.58	1.17	0.0	8	11	11	8
1903	60.6	−0.9	91	26	1.86	−3.07	4.92	0.36	T.	6	13	10	7
1904	56.8	−4.7	89	24	3.88	−1.05	7.94	1.64	T.	8	11	9	10
1905	61.1	−0.4	96	25	6.29	+1.36	12.53	2.10	T	11	9	10	11
1906	63.7	+2.2	97	27	2.55	−2.38	4 82	0.70	0.0	6	15	7	8
1907	54.9	−6.6	89	24	5.44	+0.51	8.99	3.29	0.0	9	10	7	13
1908	63.3	+1.8	94	24	6.32	+1.39	13.76	2.56	T.	12	9	9	12
1909	60.9	−0.6	88	24	4.52	−0.41	8.79	1.66	T.	8	15	7	8
1910	59.8	−1.7	90	22	5.14	+0.21	8.74	2.05	T.	9	12	9	9
1911	60.5	−1.0	90	29	9.86	+4.93	15.20	4.20	0.0	12	10	9	11
1912	61.9	+0.4	93	26	8.14	+3.21	12.94	2.60	T.	12	9	11	10
1913	61.2	−0.3	94	27	4.91	−0.02	11.46	1.84	0.0	6	17	6	7
1914	61.0	−0.5	94	19	4.57	−0.36	11.29	1.99	0.0	9	11	9	10
1915	64.3	+2.8	96	19	2.96	−1.97	7.53	0.67	T.	5	14	8	8
1916	59.9	−1.6	92	24	3.65	−1.28	7.46	2.05	T.	7	13	7	10
1917	60.4	−1.1	90	23	5.69	+0.76	12.84	2.91	T.	9	14	7	9
1918	59.6	−1.9	96	25	7.63	+2.70	14.34	2.68	0.0	9	14	6	10
1919	61.6	+0.1	95	24	3.56	−1.37	7.02	0 33	T.	7	14	6	10
1920	59.8	−1.7	94	21	5.49	+0.56	10.56	1.42	T.	9	14	7	9
1921	59.8	−1.7	91	22	7.87	+2.94	12.52	4.54	T.	9	14	6	10
1922	63.5	+2.0	90	26	5 54	+0.61	12.81	2.77	0.0	9	13	6	11
1923	61.4	−0.1	95	23	6.30	+1.37	10.24	1.87	0.0	11	14	7	9
1924	61.4	−0.1	94	18	4.99	+0.06	8.53	2.92	0.0	8	14	6	10
1925	67.4	+5.9	98	28	2.62	−2.31	7.15	0.00	0.0	6	14	9	7
1926	59.1	−2.4	94	18	2.65	−2 28	5.81	1.24	T.	7	15	6	9
1927	65.7	+4.2	99	26	12.93	+8.00	23.80	5.94	0.0	12	12	7	11
1928	57.3	−4.2	87	22	8.52	+3.59	14.01	4.03	T.	9	13	5	12
1929	64.0	+2.5	92	29	5.69	+0.76	12.94	1.91	T.	10	11	7	12
1930	64.9	+3.4	95	27	1.41	−3.52	4.40	0.00	0.0	6	16	7	7
1931	59.1	−2.4	92	21	2.62	−2.31	6.43	0.62	0.0	9	13	7	10
1932	63.8	+2.3	92	28	2.85	−2.08	7.02	0.71	0.0	7	16	7	7
1933	61.1	−0.4	93	28	4.80	−0.13	9.14	2.27	0.9	11	13	8	9
Period	61.5	....	99	18	4.93	.....	23.80	0.00	T.	8	13	8	9

Daily River Stages for April, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.9	6.4	6.3	6.1	6.1	6.9	12.4	14.3	13.8	12.5	9.9	9.5	7.8	7.6	7.4	7.9	10.4	10.6	12.0	11.3	11.8	13.9	16.8	16.8	17.0	15.4	14.4	14.1	13.6	12.3	
Ozark	do	22	2.4	3.0	3.3	3.0	2.9	3.2	5 4	9.5	10.7	9.2	7.4	6.1	4.9	4 2	4.0	4.0	6.1	7.4	7.7	8.4	9.7	9.9	12.4	13.1	13.2	12.4	11.0	10.6	10.0	9.7	
Dardanelle	do	22	7.3	6.9	6.9	6.6	6.4	6.3	6 4	9.9	12.6	12.7	10.9	9.7	8.5	7.6	7.0	6.9	7.1	9.2	9.8	10.6	11.2	12.3	12.8	15.1	15.3	15.2	13.9	13.0	12.7	12.3	
Morrilton	do	20	3.6	4.4	4.2	4.0	3.7	3.2	3.1	3.7	8.9	10.3	9.0	7 2	5.7	4.6	3.7	3.2	3.1	4.5	6.7	7 0	8.1	9.9	10.1	12.4	13.3	13.4	12.7	11.4	10.9	10.3	
Little Rock	do	23	4.2	6.4	6.6	6.0	5.3	4.6	4.2	3.9	5.8	10.1	10.4	8.6	7.0	5.7	4.8	4.1	3.8	3.7	5.3	6.8	8.1	9.9	11.2	12.0	13.9	14.0	13.7	12.5	11.9	11.5	
Pine Bluff	do	25	7.9	9.7	11.3	11.3	10.8	10.2	9.6	9.1	8.8	11.8	14.5	14.1	12 8	11.5	10.6	9.7	9.1	9.1	8.9	10.4	11.9	13.2	14.9	15.6	16.8	17.6	17.8	17.2	16.4	16.0	
Yancopin	do	29	29.0	29.7	30.7	31.6	32 3	33.0	33.5	34.1	34.7	35.2	36.1	36.8	37.4	37.7	37.9	38.1	38.2	38.2	38.1	38.0	37.9	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.7	
Danville	Petit Jean	20	16.6	20.0	18.9	15.1	10.6	8.3	7.8	6.6	6.0	5.6	5.4	5.0	4.8	4.8	4.8	4.8	4.6	8.0	6.8	6.2	18.2	20.8	20.0	17.5	19.4	19.4	17.2	20.2	....	....	

Climatological Data for April, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	61.2	−0.6	90	10	36	12†	40	5.18	+0.01	2.39	0.0	8	6	16	8	e.	J. W. Campbell
Arkadelphia	Clark	250	38	....	....	....	....	....	....	....	4.27	−0.87	1.57	0.0	10	15	6	9	se.	W. K. Bown
Arkansas City	Desha	145	49	....	....	....	....	....	....	....	4.84	−0.07	0.88	0.0	14	14	3	13	....	Herbert Neff
Arlberg	Stone	700	11	....	....	....	....	....	....	....	4.66	−0.94	1.34	T.	12	10	13	7	ne.	J. D. Reeves
Batesville	Independence	277	34	57.2	−1.8	85	30	32	12	41	5.86	+0.86	1.27	0.0	13	16	5	9	se.	**Mrs. Lelia I. Teter**
Bee Branch	Van Buren	700	41	61.4	+0.4	87	10†	35	7†	43	4.39	−0.47	0.87	0.0	15	12	5	13	s.	J. E. Scanlan
Bentonville	Benton	1303	28	56.8	−0.8	85	9	32	14	33	6.93	+2.07	3.05	12.0	10	12	9	9	nw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	....	3	....	....	....	....	....	....	....	3.62	....	1.47	0.0	8	19	2	9	....	C. J. Brooks
Black Rock	Lawrence	259	32	....	....	....	....	....	....	....	5.65	+0.09	1.75	0.0	12	16	2	12	....	**Vernon C. Howe**
Blytheville	Mississippi	252	[illegible]	60.4	....	86	30	38	16	35	3.53	....	1.20	0.0	14	16	7	7	s	Samuel Norris
Booneville	Logan	465	19	62.2	0.0	90	9†	33	15	41	4.15	−0.97	0.92	T.	11	16	3	11	s.	**F. H. Randolph**
Brinkley	Monroe	205	46	62.2	+0.2	88	30	36	12	39	3.45	−2.11	1.00	0.0	13	11	9	10	se.	R. J. Torry
Calico Rock	Izard	361	29	57.9	−1.3	89	10	29	7	52	4.52	−0.41	1.04	0.0	12	6	18	6	sw.	**W. J. Copp**
Camden	Ouachita	158	48	61.4^{a}	−2.0	86^{a}	10	35	12	40^{a}	3.31	−1.59	0.72	0.0	10	10	7	13	se.	J. M. Knight
Carthage	Dallas	....	28	59.8	....	87	10†	33	12	38	4.41	−0.65	1.15	0.0	9	12	10	8	s.	P. K. Wylie
Center Point	Howard	470	34	62.8^{a}	−0.4	89^{a}	10	37^{a}	15	38^{a}	4.54	−0.71	1.57	0.0	9	14	6	10	s.	John C. Floyd
Clarendon	Monroe	172	29	....	....	....	....	....	....	....	3.82	−2.27	1.52	0.0	14	12	4	14	s.	J. W. Bishop
Clinton	Van Buren	516	12	....	....	....	....	....	....	....	4.42	−0.88	0.95	0.0	12	8	15	7	nw.	A. L. Stephens
Conway	Faulkner	309	50	62.6	+0.6	92	10	36	12	43	5.88	+1.02	2.81	0.0	10	18	2	10	e.	E. E. Cordrey
Corning	Clay	293	40	59.8	−0.2	85	30	35	7	40	9.14	+3.94	2.70	0.0	12	12	9	9	sw.	Winfred D. Polk
Cotter	Baxter	408	6	....	....	....	....	....	....	....	4.82	....	1.44	0.0	9	18	4	8	nw.	O. B. McSpadden
Crosset	Ashley	175	21	64.2	....	91	30	38	12	38	6.04	+1.22	1.30	0.0	10	11	11	8	sw.	G. A. Gifford
Danville	Yell	327	17	....	....	....	....	....	....	....	5.71	+0.40	1.03	0.0	15	17	0	13	....	H. Inglis
Dardanelle	Yell	330	47	62.2	−0.4	93	10	36	12†	43	3.92	−0.35	0.80	0.0	12	9	10	11	n.	Geo. N. Goodier
DeValls Bluff	Prairie	153	6	....	....	....	....	....	....	....	4.05	....	1.64	0.0	13	16	4	10	....	H. G. Pate
Dumas	Desha	162	28	63.8	+0.3	89	30	38	12	40	4.95	−0.01	1.05	0.0	12	7	9	14	s.	Ben Johnson
Dutton	Madison	1590	30	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. M Ricketts
El Dorado	Union	270	33	65.1	+0.8	89	30	40	15	35	5.20	−0.41	1.33	0.0	10	8	7	15	s.	J. J. Babb
England	Lonoke	229	26	62.0^{a}	−0.8	87^{a}	30	38^{a}	15	35^{a}	4.28	−1.73	1.41	0.0	14	14^{a}	2^{a}	13^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	58.6	−0.4	87	9	31	15	37	6.30	+1.26	2.40	9.0	9	13	9	8	sw.	Geo. W. Nicholds
Fayetteville	Washington	1451	46	58.4	−0.1	83	9	32	15	37	6.64	+2.01	1.73	8.6	12	12	9	9	s.	University of Arkansas
Fort Smith	Sebastian	457	52	61.7	−0.1	89	9	33	15	35	3.98	+0.04	0.89	0.7	9	11	9	10	nw.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	9	....	....	....	....	....	....	....	4.71	....	1.13	2.3	12	17	4	9	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	....	....	....	....	....	....	....	3.97	−0.57	1.82	0.0	7	15	6	9	....	T. J. Logan
Georgetown	White	200	21	....	....	....	....	....	....	....	5.05	−0.69	2.40	0.0	12	12	9	9	....	W. R. Owens
Gilbert	Searcy	675	9	....	....	....	....	....	....	....	3.90	....	0.80	2.0	12	16	8	6	....	S. G. Battenfield
Grannis	Polk	900	14	*59.0*	−1.5	..	..	31	12	..	3.61	−2.52	0.76	T.	14	13	7	10	n.	W. E. McVay
Gravette	Benton	1250	36	57.7	+0.5	84	9	30	15	38	8.26	+3.66	2.38	14.0	12	12	10	8	n.	A. F. Stevens
Harrison	Boone	1052	33	58.6	+1.3	88	9	32	15	38	4.79	−0.17	1.34	4.0	10	20	3	7	....	Louis R. Keck
Helena	Phillips	250	61	60.8	−2.0	83	30	37	12	31	5.55	−0.18	1.12	0.0	16	6	12	12	ne.	James A. Burnett
Higden	Cleburne	445	14	....	....	....	....	....	....	....	3.91	−2.12	0.69	0.0	13	14	9	7	w.	Geo. W. Baker
Highland	Pike	....	14	62.6	....	85	30	38	15	35	4.41	−0.99	2.11	0.0	10	4	14	12	s.	J. O. Cooley
Hope	Hempstead	377	63	64.4^{a}	+0.5	88^{a}	9†	37^{a}	12	39^{a}	5.01	−0.26	2.25	0.0	8	14^{b}	5^{b}	9^{b}	....	N. P. O'Neal
Hot Springs	Garland	600	42	63.2	+0.4	88	10	34	15	40	5.42	−0.60	2.20	T.	11	10	15	5	....	National Park Service
Index ‡‡	Little River	275	8	....	....	....	....	....	....	....	4.86	....	1.94	0.0	10	13	6	11	....	H. G. Sanderson
Jessieville	Garland	750	7	....	....	....	....	....	....	....	6.81	....	1.50	0.0	9	10	9	11	....	U. S. Forest Service
Jonesboro	Craighead	345	38	61.3	0.0	86	30	39	7†	37	4.16	−0.66	1.36	0.0	11	18	6	6	se.	Benedictine Sisters
Lead Hill	Boone	650	27	58.4	−1.4	91	9	30	12	49	4.77	+0.56	2.00	T.	9	16	5	9	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	61.4	−0.7	89	10	38	15	37	5.10	−0.09	3.42	0.0	14	10	8	12	s.	U. S. Weather Bureau
Lurton	Newton	2100	7	58.4^{d}	....	82^{d}	17	30^{d}	14	35^{d}	4.85	....	0.84	6.0	12	12^{d}	7^{d}	7^{d}	s.	Miss Mary Sutton
Lutherville ‡‡	Johnson	775	34	60.4	+0.2	91	10	34	15	39	3.94	−0.96	1.03	T.	12	15	5	10	se.	H. G. Lenhardt
Madison	St. Francis	....	3	....	....	....	....	....	....	....	4.49	....	1.20	0.0	10	16	0	14	....	J. W. Eppes
Magnolia	Columbia	315	17	64.6	+0.2	87	30	38	12†	34	3.72	−1.10	1.05	0.0	8	9	12	9	s.	State Agri. School
Malvern	Hot Springs	277	47	62.8	+1.1	90	10	34	12	43	4.69	−0.49	1.20	0.0	11	19	5	6	s	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	29	59.0	−0.2	84	9	32	7	46	6.82	+1.56	2.00	0.0	8	17	5	8	nw.	S. F. Whittaker
Marianna	Lee	235	21	63.0	+0.9	85	30	39	15	32	3.75	−1.04	0.90	0.0	11	9	12	9	s.	C. N. Houck
Marked Tree	Poinsett	229	28	59.4	−2.2	85	30	40	7†	36	5.02	−0.58	1.12	0.0	11	4	20	6	n.	Charles Walton
Marshall	Searcy	1070	19	57.6	−3.2	84	30	30	15†	36	5.10	−1.85	1.33	3.0	13	15	6	9	s.	A. J. Parks
Mena	Polk	1185	45	60.2	−1.4	86	9	33	15	38	2.84	−2.97	0.65	T.	14	8	12	10	sw.	E. W. St. John
Morrillton	Conway	347	14	60.2	....	90	10	37	15	37	4.32	−0.99	1.20	0.0	12	14	7	9	e.	Miss Ruby Cook
Mountain Home	Baxter	800	21	58.3	−0.5	87	9	33	12	44	5.20	+0.20	1.03	0.0	10	16	3	11	w.	B. S. Halbert
Mount Ida	Montgomery	650	34	59.6	−1.8	87	10	28	12	46	4.84	−1.06	1.90	0.0	11	13	7	10	sw.	G. A. Whittington
Newport	Jackson	231	50	61.2	−0.8	85	30	39	12	36	5.05	+0.02	1.57	0.0	14	9	13	8	n.	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	6.22	....	2.35	0.0	11	15	6	9	....	U. S. Forest Service
Oden ††	Montgomery	800	7	....	....	....	....	....	....	....	2.61	....	0.76	0.0	10	14	7	9	sw.	U. S. Forest Service
Okay	Howard	288	4	63.8	....	89	9	34	12	39	3.56	....	1.40	0.0	12	15	9	6	s.	Charles R. Jackson
Osceola	Mississippi	240	37	61.6	+0.2	87	30	38	7	35	5.33	+0.87	1.25	0.0	12	6	17	7	sw.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	38	59.4	−2.8	89	9	33	16	42	3.50	−1.18	0.70	T.	12	17	2	11	e.	Orkney O. Milton
Paragould	Greene	301	10	....	....	....	....	....	....	....	4.02	....	1.69	0.0	13	20	3	7	se.	W. R. Heagler
Parkin	Cross	....	3	....	....	....	....	....	....	....	4.56	....	1.00	0.0	10	11	6	13	....	Carroll King
Patterson	Woodruff	196	17	....	....	....	....	....	....	....	....	....	....	....	.	..	..	..	....	W. E. Baker
Piggott	Clay	307	9	....	....	....	....	....	....	....	4.61	....	1.35	0.0	12	15	5	10	se.	V. C. Wright
Pine Bluff	Jefferson	215	46	64.2	+0.8	90	10	39	15	36	4.95	−0.56	1.11	0.0	13	14	8	8	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	60.0	−0.2	87	9	34	7	41	6.70	+1.72	1.80	0.0	9	11	6	13	nw.	Benedictine Sisters
Portland	Ashley	122	27	64.4	−0.2	89	30	40	7†	37	5.28	+0.05	1.43	0.0	14	10	13	7	sw.	W. E. Edmiston
Prescott	Nevada	329	45	64.8	+1.5	89	10	38	12†	39	3.55	−1.61	1.66	0.0	10	12	7	11	s.	Craig Williams
Rison	Cleveland	243	33	64.4	+0.6	90	30	36	12	42	4.70	0.0	1.01	0.0	9	12	10	8	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	42	58.8	+0.4	88	9	32	15	41	5.78	−1.14	1.20	8.0	12	13	6	11	sw.	Carl A. Starck
Saint Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Mrs. Amelia Browning
Saint Francis	Clay	290	6	....	....	....	....	....	....	....	5.80	....	1.92	0.0	12	17	7	6	....	S. T. Rooney
Searcy	White	236	23	60.6	−1.2	86	10†	36	12	39	4.23	−1.00	1.22	0.0	15	18	5	7	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	26	....	....	....	....	....	....	....	4.84	−1.40	1.35	0.0	8	11	2	17	....	Miss Grace Field
Story	Montgomery	700	9	....	....	....	....	....	....	....	6.94	....	2.06	0.0	9	14	8	8	s.	S. C. Story
Stuttgart	Arkansas	209	46	63.0	+0.7	87	30	39	15	35	3.85	−1.26	1.10	0.0	12	18	7	5	se.	Mrs. Kress Swim
Subiaco	Logan	1050	36	60.3^{a}	−1.5	90^{a}	9	33^{a}	15	41^{a}	2.27	−2.41	0.52	0.0	11	14	6	10	s.	New Subiaco Abbey
Sunset	Washington	....	2	57.0	....	81	9†	30	15	35	6.36	....	1.87	12.0	11	14	10	6	sw.	Walter James
Texarkana	Miller	332	48	63.7	−0.5	87	30	36	15	35	4.37	−0.67	1.30	0.0	7	10	10	10	s.	H. S. Brashear
Thornburg	Perry	650	13	59.2^{a}	....	91	10	29^{a}	12	42^{a}	5.38	−0.33	1.06	0.0	11	18	6	6	s	Edward E. Holmes
Waldron	Scott	675	14	....	....	....	....	....	....	....	4.04	−2.04	1.20	T	9	8	6	16	sw.	Dr. Cheves Bevill
Warren	Bradley	206	39	65.6	+2.3	91	30	37	15	35	4.69	−0.67	0.88	0.0	11	11	11	8	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	....	....	....	....	....	....	....	2.94	....	0.89	T.	8	8	14	8	w.	J. R. Huddleston
Whitecliffs	Little River	290	29	....	....	....	....	....	....	....	3.70	−1.95	1.00	0.0	10	8	5	17	se.	Charles Huff
Wilson	Mississippi	237	8	60.7	....	85	30	38	12	30	5.76	....	1.72	0.0	9	18	3	9	s.	D. O. Anderson
Wynne	Cross	250	25	60.6	−1.2	87	30	36	12	38	5.60	−0.45	1.23	0.0	10	11	9	10	s.	R. T. Cobbs
Yancopin	Desha	167	9	....	....	....	....	....	....	....	3.77	....	0.96	0.0	12	10	7	13	....	**W. E. Barton**
State Means				61.1	−0.4	93	10	28	12	52	4.80	−0.13	3.42	0.9	11	13	8	9	e.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:– Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for April, 1933

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita														.83	.25					.85	.05			.13		.11	.57			2.39		5.18
kadelphia.	Ouachita					T.	.34				T.	.62			.41	.30	T.				1.57	.12			.07		.22	.53			.09		4.27
kansas City	Mississippi	55	.03			.07	.88			T.	T.	.05			.55	.51	.21	T.			.01	.50			.36		.22	.40			.50		4.84
lberg.	White	.42					.45				*	.10			1 06	.40					1.34				.21		*	.10		*	.58		4.66
tesville.	White	.78	.06			.12	.42					1.06			.15	.79	.05	.06			T	.82			.26	.02	T.	T.			1.27		5.86
e Branch.	Arkansas		.12			.05	.06			.04	.47	.14			.40	.56	.05				.77	.47			.18			.14		.07	.87		4.39
ntonville ***	Arkansas				T.	1.66					.30			.17	1.01	2.06	.08			T.	.92			.22	T.		.34		T.	.17			6.93
g Lake Outlet	St. Francis	.25	T.	T.	T.	30	.45					.50				1.47	T.					.20	T.		.12						.33		3.62
ack Rock	White	.42		T.	.06	.16	.25					.83			.18	1.23	.05				T.	.60			.08	T.	.04				1.75		5.65
ytheville	St. Francis	.12	.03	.05	.14	.17	.63					.65				1.20	.02					.08	.05		.20	.04	T.				.15		3.53
oneville	Arkansas		.15			10					.44				.17	.85	T				.92	.02		.32	.55		.33	T.		.30			4.15
inkley	White	.23	.01			.22	.32					.33			.25	.47	.06	.07				1.00				.12		.12			.25		3.45
lico Rock	White	.37		T.		.02	.43					.27			.63	1.04	.44				T.	.93			15	.02	T.	.02		T.	.20		4.52
mden	Ouachita						.18					.02			.38	.37					.72	.05			35		.47	.34			.43		3.31
rthage	Ouachita						.12					.12			.40	.26					1.15	.50					.30	.70			.86		4.41
nter Point	Red					.06								.54	.24	.04					.83	.42	.27				.27	T.		1.87			4.54
arendon	White	.08				.20	.26					.50			.40	.30	.11				T.	1.52			.04	.05	.02	.03	.01		.30		3.82
inton	White	.10				26				.13	.08			.05	.41	.60	.06				.95	.86			.16					.76			4.42
nway.	Arkansas					.07						.45			.41	.50					.59	.52			.11			.31		.11	2.81		5.88
rning	White	1.30	T	.20	.05		.40					2.70			.12	1.95	.05					.43			10	.15					1.69		9.14
tter.	White	.66					.48					.13			.27	1.00	.32				T	1.44			.10					T.	.42		4.82
ossett	Ouachita					.07	.33				T.	.60			.98	.90	.04				1.05	T.			.41			.36	T.		1.30		6.04
nville.	Arkansas	.02	.12				.15					.24			.28	.33	.09				.92	.40		.10	.80		.02	1 03	.71		.50		5.71
rdanelle	Arkansas	.02	.04				.38					.15			.26	.29	.12				.70	.80			.52		T.	.13			.51		3.92
Valls Bluff.	White		.05			.20	.12			T.		.29			47	.31	.10				.03	1.64			.03		.10	.08			.63		4.05
mas	Mississippi	.73	T.			.06	.47				T.	.06			.30	.55	.08				T.	.50			20		.22	.73			1.05		4.95
tton	White																																
Dorado	Ouachita						.53					.52			1.33	.45	.03				.92				.28		.48	.21			.45		5.20
gland	Arkansas					.31	.15			T.		.25		.02	.56	.39	.21				.48	1.41			.04		.04	.21		.06	.15		4.28
reka Springs	White					.78									.57	2 40	.36				1.02	.26		.05			.43			.43			6.30
yetteville	White					1.37	T.							.17	.36	1.73	.39				1.16	.29		.19	.46		.19	.08		.25			6.64
rt Smith ***	Arkansas	.02				.89			T.		T.			.17	.16	.62			T.	T	.84		T.	.53			.33			.42			3.98
eeman Sprgs.	Arkansas	.24	.08				.53				T.	.66			.24	.33	.13				.47	62			.13			.15			1.13		4.71
lton	Red											T.			.55	.23	T.				1.82			T.	.50		.52	.10			.25		3.97
orgetown	White	85				.08	.03					.30			.31	.47	.13	.05				2.40			T.	.10		.03			.30		5.05
lbert	White	.24				.50						.20			.22	.80	.60	.05			.20	.80			.05	.06					.18		3.90
annis	Red					.15			T.	.01	.15			.05	.06	.30				T.	.76	.60	.26	.25	.20		25	.14		.43			3.61
avette	Arkansas					2.38					.06			T.	46	2.15			.42	1.00		.71		.38	09		.36	.16		.09			8.26
rrison	White					.49									.32	1 34	.47				.43	.61			.19		.06			.85	.03		4.79
elena	Mississippi	.67	.03			.05	1.12				.06	.30			.09	66	43					85			.06	.03	.01	.05	.06		1.08		5.55
gden	White		.10	T.		.06					.12	.12			.46	.69	.03				.67	.61			.22	T.	T.	.11		.06	.66		3.91
ghland	Ouachita					.07								.31	.36						.91	.13		.07	.09		.26			2.12	.09		4.41
pe	Red					.06					T.			.35	.33	1.00					2.25			.37			.48			.17			5.01
t Springs	Ouachita					.04	.03					.23		.03	.67	.26						.50			.10			1.10		.26	2 20		5.42
dex	Red									.02		02			.78	.16		.01			1.94				.62		.68	.21			.42		4.86
ssieville	Ouachita						.31			1.00		.50				.30	.35				1 25				.40			1.20			1.50		6.81
nesboro	White	.30	.10	T.	.05	.15	.30					.65			.08	1.36	.04					.48			T.						.65		4.16
ad Hill	White					.40					.02			T.	.41	2.00	.25				.30	.57		T.	.32	T.	T.			.50			4.77
ttle Rock ***	Arkansas		T.		T.	.05				.03	.20	T.		.34	.62	.06	.03	T.		T.	3.04	.38		.05	.02		.18	.01		.09			5.10
rton	White					.30	T.			.27				.30	.72	.48				.38	.71		.34	.21	.30			*		.84			4.85
therville	Arkansas		.10			.43					T.	12			.27	.23	.07				1.03	.42		.11	.20			.16		.80			3.94
dison	St. Francis		T.			.30	1.08					.42			.23	.91	.08					1.20			.06	T.	.04	T.			.17		4.49
agnolia	Red					.07								.21	.70										1.05		.70	.03		.90	.06		3 72
alvern	Ouachita						.05			.08		.26			.55	.41					1.00	1.20			.10		.15	.78			.11		4.69
ammoth Spg.	White	.55					.54					.55			.48	2.00	.48					1.90			T.						.32		6.82
arianna	St. Francis					.60	.18					.90			.72	.38	.05				.05	.72			.02		.03			T	.10		3.75
arked Tree	St. Francis	.60	.04		.06	28	.54					.98			.05	1.12						.84			.14						.37		5.02
arshall	White					.30					.30				.71	1.33	.17	.02			.82	60			.22	.02	.08			.48	.05		5.10
ena	Ouachita		T.			.06	.27					.08			.05	.42	.21				.65	.01		.11	.19		.01	.44	.05		.29		2.84
orrillton	Arkansas	.36	.09				.04			T.		.36			.24	.59	.05				.36	1.20			.25	T.		.15			.63		4.32
ountain Home	White	.92				.55					.20			T.	.50	1.03	12				.40	.78		T.	.25					.45			5.20
ount Ida	Ouachita					.10				.12	.10				.34	.15					1.18	.15		.17	13			.50		1.90			4.84
ewport	White	.38	09		.01	.01	.36					1.57			.06	.75						65			.07	02	.04	.07			.97		5.05
orman	Ouachita					.02	.08			.46		T.			.46	.15					1.20	.09			.40		.14	.87			2.35		6.22
den	Ouachita						.10					.32			.15	.24					.76			.07	.10		.05	.48			.34		2.61
zay	Red					.02					.15			.20	.52	.05					1.40			.04	.24		.37	.25		.12	.20		3.56
sceola	Mississippi	1.25		T.	.11	.18	.85					.83				.98	.10					.26	.30		.20	.12					.15		5.33
zark	Arkansas	.18	.03				.26					.20			.05	.33	.32				.67	.23			.26			.27			70		3.50
aragould	St. Francis	.14		.15	.14	.31	.20					.33				1.69	.06					.23		.06	.05	.07					.59		4.02
arkin	St. Francis	.49			.10	.23	.90					.65				1.00						.65				.10	.15				.29		4.56
atterson.	White																																
ggott	St. Francis			.36		.43	.08				1.35				.24	1.15					.09	.08	.03		.20	T.				.02	.58		4.61
ne Bluff	Arkansas	.03				.02	.34					1.11			.64	.66	.18	T.			.43	.31			11		.12	.54			.46		4.95
cahontas	White			.10		.35	.40				1.80				.35	1.55					.35				.10						1.70		6.70
rtland	Ouachita	40				.05	.13			.16		.55			.62	.71	.01				.50	.29			.10		.21	.12			1.43		5.28
escott	Ouachita					.01						.04			40	.43					1.66	.03			.10		.52	.13			.23		3.55
son	Ouachita						.95								.70	.50					1.01	15			.15		.16	.70			.38		4.70
ogers	White					1.13					.06			.03	.40	1.20	82				.92		.10	.02	.40		.27			.43			5.78
Charles	White																																
Francis	St. Francis	.43		31	T.	.24	.31					1.21			.11	1.92	.19					T.		.14	.11	.31	T.				.52		5.80
arcy	White	.14				.12	.12					.19			.15	.63	.05	.03			.04	1.22			.06	.12	.20	.13			1.03		4.23
ringbank	Red						T.				T.	.07			1.35	.68	.09				.60				.65		1.22				.18		4.84
ory	Ouachita						1.22			.07	.30				.21		.07				1.43				.22			2.06			1.36		6.94
uttgart	Arkansas	.29				.05	.39					.58			.32	.42	.08				.02	1.10			.05	T.	T.	.19			.36		3.85
biaco	Arkansas					.16					.16			T.	.15	.52	.03				.36	.08		.27	.40		.10	.04		T.			2.27
nset	Arkansas					1.14									.31	1.87	.23				1.11	.12		.15	.15		.05	.37		.86	T.		6.36
exarkana	Red					.05						T.			1.30	.30					1.18				.38		.74	T			.42		4.37
hornburg	Arkansas		.10				.04					.38		.02	.80		.31				1.06	.90	T.		.27			.45		1.05			5.38
aldron	Arkansas					.06			T.		.20			T.		.29	.30			T	.97	.02	.26	1.20			.74						4.04
arren	Ouachita					T.	65			.05		60			.61	.36	.10				.88	T.	T.	T.	.35		.25	.40	T.		.44		4.69
aters	Ouachita										.08	.11			T.	.27	.07				.79				.30			.89			.43		2.94
hitecliffs	Red					T.	T					19			.55	.27	.04				1.00	.11		.24	.22		.38	T.	T.		.70		3.70
ilson	Mississippi	.63			10	.15	.82					1.72				1.10						.65	.24								.35		5.76
ynne	St. Francis					.35	1.23					1.02				.90						.78		.12		.14	.23	.46			.37		5.60
ancopin.	Arkansas		.11			.04	.96					.15			.23	.49	.14	T.			T.	.31			.17		.23	.12			.82		3.77

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
otter	White	21	4.2	4.2	4.2	4.1	4.0	4.3	4.1	4.1	4.0	4.0	4.1	4.9	4.8	4.8	4.9	13.5	14.9	15.2	14.0	12.8	10.9	11.8	11.7	11.7	12.4	9.0	8.0	7.1	6.8	6.6	
alico Rock	do	18	4.3	5.3	4.4	3.8	3.6	3.7	3.5	4.0	3.8	3.6	3.9	3.9	3.7	3.4	3.2	7.7	15.2	15.4	14.8	12.5	11.4	12.9	12.3	12.1	10.4	8.8	7.8	7.2	6.5	6.0	
atesville	do	23	11.2	11.8	11.3	10.3	9.5	9.7	9.5	9.3	9.5	9.3	9.8	9.5	9.4	9.2	10.0	12.2	19.8	22.5	22.4	20.6	19.3	19.9	20.1	19.3	18.4	16.5	11.0	13.8	13.0	13.3	
ewport.	do	26	12.9	14.7	15.8	15.5	14.8	14.0	13.4	12.7	12.2	11.7	11.8	12 7	13.2	13.4	13.0	13.8	16.9	21.4	23.5	21.5	24.8	24.9	25.5	25.6	25.8	25.5	24.9	24.1	23.3	22.6	
eorgetown	do	22	19.0	19.4	19.6	19.7	19.7	19.6	19.3	19.0	18.6	18.1	17.6	17.2	17.0	16.9	16.9	16.9	17.2	17.9	18.5	19.0	19.8	20.8	21.9	22.5	22.9	23.2	23.5	23.6	23.5	23.5	
e Valls Bluff.	do	24	21.8	21.7	21.5	21.6	21.6	21.7	21.5	21.4	21.3	21.2	21.0	20.8	20.6	20.4	20.4	20.3	20.3	20.3	20.4	20.5	20.9	21.2	21.5	21.7	22.1	22.7	23.2	23.5	23.8	23.9	
larendon	do	30	26.5	26.6	26.7	26.6	26.6	26.7	26.6	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.9	25.8	25.7	25.7	25.8	25.7	25.9	26.0	26.1	26.3	26.5	26.8	27 2	27.6	27.9	28.2	
ilbert	Buffalo	20	6 6	6.4	5.4	5.0	5.0	4.9	4 9	4.8	4.7	4.6	4.4	4.2	4.0	4.0	4.4	6.4	7.7	6.0	5.9	5.9	7.9	7.6	6.5	6.0	6.3	5.6	5.4	5.0	4.8	7.3	
lack Rock	Black	14	13.4	13.3	12 5	12.0	11.4	11.0	10.4	10.2	10.0	9.8	12.3	12.2	11.6	11.2	13 3	18.6	20.5	20.5	19.8	19.7	21.7	22.3	22.0	21.8	21.5	21.0	20.3	19.5	18.8	19.7	
rkadelphia.	Ouachita.	12	6.2	6.8	6.8	5.0	4.4	4.2	4.0	3.0	2.8	2.8	2.6	2.8	2.8	2.4	3.0	2.6	1.6	1 6	0.8	2.8	5.4	5.0	3.6	3.2	3.4	3.2	3.6	5.0	5.0	8.0	
amden	Ouachita.	26	19.6	23.6	24.9	25.2	21.9	23.6	21.2	19.7	16.7	15 1	14.0	12.7	12.0	11.4	11.0	11.1	11.1	11.8	11.0	9.1	9.9	15.2	19.2	18.4	17.0	15.9	14.0	13.1	14.3	16.3	
ulton	Red	28	13.4	15.1	16.0	16.5	16.3	15.3	14.2	13.0	12.0	11.1	10.6	10.3	9.9	9.6	9.6	9.8	9.6	9.3	8.9	9.4	10.7	11.2	13.6	13.8	16.1	15.2	15.0	14.8	14.5	14.7	
elena	Mississippi	44	42.2	43.2	44.2	45.2	46.0	46.9	47.7	48.4	49.1	49.6	50.1	50.4	50.5	50.4	50.3	50.1	49 7	49.3	48.8	48.4	48.0	47.6	47.3	47.0	46.7	46.5	46.4	46.2	46 0	45.9	
rkansas City	do	48	40.7	41.5	42.2	43.1	44.0	45.0	45.9	46.8	47.6	48.4	49.1	49.8	50.5	51.0	51.5	51.7	51.8	51.8	51.8	51.7	51.6	51 5	51.3	51.2	51.1	51.0	51.0	50.9	50.8	50.8	

Daily temperatures for April, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	80	77	67	78	72	62	78	76	89	90	66	73	75	50	47	60	80	81	81	78	84	82	62	74	85	80	74	86	72	86		74.8
	Minimum	42	43	49	44	46	42	40	43	51	64	47	36	37	48	36	37	40	42	55	61	55	53	53	48	47	50	53	52	53	63		47.7
Batesville §§	Maximum	77	67	60	71	62	58	75	75	81	82	66	67	72	51	50	56	69	80	80	63	73	72	67	67	79	70	72	80	77	85		70.1
	Minimum	38	38	40	33	38	43	34	38	55	63	45	32	40	50	39	39	39	44	49	55	55	45	43	49	43	46	47	43	46	60		44.3
Bee Branch	Maximum	77	75	69	72	72	60	78	77	83	87	72	68	70	66	45	55	74	80	80	78	77	75	71	73	81	79	71	82	79	87		73.8
	Minimum	41	48	45	40	58	41	35	48	63	63	45	36	43	41	35	41	47	48	58	62	52	52	50	51	49	56	50	48	63	60		49.0
Bentonville	Maximum	74	62	59	75	62	53	73	74	85	72	58	67	68	37	42	57	72	83	79	67	75	68	58	69	78	60	70	79	72	80		67.6
	Minimum	41	37	39	44	43	35	42	57	63	44	36	40	37	32	32	41	41	51	58	52	48	50	47	49	49	52	47	50	63	62		46.1
Blytheville	Maximum	75	70	62	71	68	60	74	74	79	76	67	68	75	70	54	56	66	81	78	70	72	69	70	70	79	75	74	81	84	86		71.8
	Minimum	49	53	44	40	52	41	39	48	59	60	46	39	44	47	44	38	40	48	56	58	56	48	44	53	51	50	50	50	62	64		49.1
Booneville	Maximum	83	73	72	79	74	60	78	74	90	90	66	71	72	67	40	61	78	84	82	80	81	79	74	74	85	77	69	87	79	88		75.6
	Minimum	42	44	41	44	50	39	37	58	63	54	44	35	50	39	33	38	41	52	59	62	46	54	52	47	47	60	50	50	65	66		48.8
Brinkley	Maximum	76	70	65	74	68	64	77	79	82	83	75	69	75	66	50	58	72	81	84	75	75	75	71	73	81	71	74	84	81	86		73.9
	Minimum	46	54	46	40	57	45	38	51	60	60	48	36	43	48	39	40	44	51	58	63	59	52	50	50	49	57	52	54	63	63		50.5
Calico Rock§§	Maximum	79	66	61	73	68	58	81	77	85	89	64	69	75	48	47	55	70	84	80	62	72	72	65	72	80	70	74	83	77	87		71.4
	Minimum	38	40	46	35	42	40	29	36	54	61	43	32	35	47	37	39	43	45	48	58	54	47	43	46	45	46	47	41	45	63		44.4
Camden§§	Maximum	79	73	70	77	72	65	75	77	85	86	67	70	75	67	48	61	78	81	80	78	80	79	71	76	80	79	70	82	74	.		74.4
	Minimum	43	43	51	46	50	43	39	40	49	65	48	35	36	46	38	38	40	41	54	60	59	51	52	52	50	52	54	55	57	64		48.4
Carthage §§	Maximum	79	71	66	76	63	62	75	78	80	87	66	69	74	57	47	55	77	80	82	74	78	78	68	71	82	76	73	83	73	87		73.1
	Minimum	41	41	47	38	41	42	37	41	44	64	47	33	36	42	37	38	39	43	57	61	57	53	51	49	46	52	51	50	54	64		46.5
Center Point	Maximum	78	77	73	79	73	66	72	80	81	89	69	71	70	56	42	68	81	81	80	71	82	84	..	75	79	80	80	84	84	86		75.6
	Minimum	44	49	49	49	52	39	39	49	50	52	46	39	47	41	37	40	43	55	63	62	50	56	..	49	57	56	54	54	66	65		50.1
Conway	Maximum	78	72	67	75	72	60	80	80	87	92	80	70	72	65	45	51	76	83	81	75	79	77	72	72	83	82	71	85	80	89		75.0
	Minimum	42	50	46	40	59	44	37	52	64	62	46	36	47	44	38	43	47	52	59	63	51	52	52	42	48	59	52	52	62	62		50.1
Corning	Maximum	75	69	61	70	68	60	75	76	83	75	64	67	72	69	51	60	66	80	80	68	69	66	68	72	78	74	74	82	80	85		71.2
	Minimum	47	49	44	39	53	45	35	52	61	56	44	39	45	45	42	40	43	48	56	57	55	47	44	52	49	47	46	46	64	61		48.4
Crossett §§	Maximum	82	76	72	79	71	65	77	83	88	87	68	70	78	63	56	59	79	82	82	78	82	80	76	77	79	80	80	83	85	91		76.9
	Minimum	45	48	50	44	55	48	40	47	51	63	53	38	44	57	40	40	41	50	59	61	61	55	57	53	52	52	58	60	58	69		51.6
Dardanelle	Maximum	82	76	67	79	74	59	80	80	90	93	71	71	73	66	46	54	74	82	78	74	76	76	72	70	82	75	68	83	79	86		74.5
	Minimum	41	48	47	42	51	41	37	51	65	62	45	36	48	44	36	41	44	50	58	62	50	53	51	50	48	61	50	53	64	64		49.9
Dumas	Maximum	80	72	69	78	67	64	79	80	78	88	77	69	77	63	55	52	75	83	83	78	78	77	76	78	87	76	76	84	79	89		75.6
	Minimum	40	57	50	43	57	45	41	47	61	62	51	38	47	50	39	40	45	55	58	62	62	55	51	54	50	60	56	55	64	66		52.0
El Dorado	Maximum	79	75	70	77	72	68	76	76	85	87	80	69	74	67	50	61	79	81	80	77	81	79	77	77	79	80	73	81	77	89		75.9
	Minimum	48	59	54	49	61	46	44	51	65	67	50	41	47	49	40	42	44	57	62	62	62	54	55	56	56	59	58	58	65	68		54.3
England	Maximum	79	69	64	73	66	65	71	79	82	83	78	70	72	61	48	50	74	80	82	..	75	69	66	72	81	74	74	85	77	87		72.6
	Minimum	44	53	48	42	58	44	40	52	63	63	48	39	46	48	38	42	46	53	61	..	58	54	52	50	50	60	53	55	65	65		51.4
Eureka Springs	Maximum	74	72	62	75	71	57	74	76	87	83	61	69	71	50	39	51	73	86	81	72	75	68	63	68	79	69	71	81	74	81		70.4
	Minimum	43	38	39	45	43	34	46	59	62	48	37	42	48	32	31	39	38	49	60	55	47	49	46	49	52	53	46	52	59	60		46.7
Fayetteville	Maximum	75	73	59	76	73	53	71	73	83	80	59	66	67	53	37	55	73	82	78	74	75	74	67	66	76	74	70	77	75	78		69.7
	Minimum	39	36	39	43	45	35	43	57	60	49	36	38	50	33	32	37	39	49	57	58	48	50	48	47	47	54	48	71	59	63		47.0
Fort Smith	Maximum	80	69	65	80	70	58	77	75	89	80	63	71	70	50	48	65	76	83	80	79	79	78	63	68	82	75	69	83	79	85		73.0
	Minimum	47	44	44	48	47	39	42	58	63	53	45	41	50	38	33	47	45	56	61	57	50	56	53	51	51	56	53	54	63	66		50.4
Gravette	Maximum	74	71	60	76	74	59	72	71	84	79	59	69	67	52	42	60	74	83	72	73	75	72	63	67	82	74	73	78	74	80		70.1
	Minimum	39	33	37	42	42	33	40	55	61	46	34	37	49	31	30	37	38	51	55	51	47	49	48	48	47	53	45	49	61	62		45.0
Harrison	Maximum	75	65	58	74	67	52	76	77	88	87	61	69	75	63	39	48	75	83	80	70	75	69	65	70	79	72	72	81	76	83		70.8
	Minimum	50	45	38	46	46	36	40	56	60	49	35	33	47	36	32	39	43	46	57	57	46	48	46	59	45	53	48	47	59	62		46.5
Helena	Maximum	75	65	60	70	66	60	72	73	73	76	73	63	70	65	52	55	64	74	78	81	72	70	68	69	75	70	70	78	79	83		70.0
	Minimum	44	55	48	44	56	44	41	51	60	62	49	37	49	52	40	40	41	55	60	63	60	51	53	51	49	59	53	56	64	63		51.7
Highland	Maximum	77	74	69	77	73	65	75	74	84	78	73	70	71	56	44	69	74	78	80	75	81	80	68	76	80	81	79	81	80	85		74.2
	Minimum	42	51	49	47	52	40	46	50	65	64	47	42	47	44	35	41	41	51	62	63	53	55	54	53	51	56	54	55	53	64		51.1
Hope	Maximum	81	76	72	80	74	66	71	..	89	86	75	76	77	57	43	70	81	82	78	78	80	79	71	76	80	82	73	87	83	88		76.2
	Minimum	44	52	51	46	54	43	56	..	63	63	47	37	44	40	38	40	54	62	63	62	55	53	51	55	53	53	55	56	66	66		52.5
Hot Springs	Maximum	80	84	79	80	80	63	77	78	87	88	86	73	72	56	45	54	79	78	78	76	79	77	76	69	79	78	75	79	78	82		75.5
	Minimum	45	50	39	48	54	42	43	53	64	65	46	48	48	43	34	40	42	58	62	61	53	53	52	47	48	58	52	52	62	62		50.8
Jonesboro	Maximum	76	70	62	73	68	61	76	76	81	83	63	68	75	67	46	59	67	82	78	72	72	70	78	72	80	73	75	82	80	86		72.4
	Minimum	48	52	46	41	54	44	39	53	63	61	46	39	41	46	42	41	43	49	58	60	56	51	48	54	52	52	51	50	64	60		50.2
Lead Hill	Maximum	79	70	60	75	69	54	80	81	91	85	62	72	76	67	48	50	71	86	80	74	76	70	68	68	79	70	76	86	78	86		72.9
	Minimum	35	38	43	34	47	34	31	46	51	50	37	30	44	36	32	42	46	43	53	55	49	45	41	53	43	50	47	44	60	60		44.0
Little Rock	Maximum	76	69	63	76	67	58	76	77	83	89	62	66	71	56	44	49	75	78	78	71	76	74	61	[illegible]	80	70	69	82	76	87		71.
	Minimum	48	53	58	47	50	45	41	52	64	52	48	42	51	39	38	42	47	51	63	59	56	55	54	51	51	58	55	56	66	69		51.8
Lutherville	Maximum	77	70	62	75	69	57	77	76	87	91	65	69	72	64	42	54	75	83	80	73	78	76	66	69	79	72	71	82	75	85		72.
	Minimum	43	44	42	41	49	37	38	52	62	61	42	39	45	37	34	40	42	53	61	61	48	52	51	46	47	58	49	50	61	[illegible]		48.
Magnolia	Maximum	80	74	72	78	75	72	76	76	86	86	81	70	73	61	62	63	79	80	80	80	80	79	74	76	76	79	78	83	78	87		76.
	Minimum	48	53	54	47	61	44	42	50	63	67	50	38	46	39	38	38	45	56	63	61	60	52	55	53	55	58	57	55	65	65		52.
Malvern	Maximum	79	75	69	78	73	63	78	79	88	90	83	71	74	57	46	58	79	81	82	78	83	79	73	75	81	78	73	83	75	88		7
	Minimum	40	52	48	40	54	42	35	48	64	65	46	34	44	45	37	42	41	53	60	62	57	54	53	48	45	58	52	50	62	68		50.
Mammoth Spring	Maximum	76	71	64	71	71	60	78	76	84	76	65	67	72	67	59	56	66	81	78	72	68	68	65	63	75	73	72	80	76	83		71.
	Minimum	44	43	43	35	56	43	32	53	60	62	42	33	34	42	40	39	47	44	54	53	55	47	46	50	45	50	47	45	63	61		46.
Marianna	Maximum	77	75	70	73	71	67	74	75	76	79	77	65	73	69	59	59	66	79	79	78	73	73	71	73	79	78	74	79	80	85		73.
	Minimum	48	50	50	46	58	47	42	50	52	62	50	43	48	52	39	41	46	55	59	65	59	56	54	52	53	60	56	59	56	65		52.
Marked Tree§§	Maximum	75	66	60	71	61	58	74	74	78	75	60	67	74	59	46	56	66	81	82	64	74	71	70	72	80	72	74	82	80	85		70.
	Minimum	49	51	47	41	45	45	40	44	52	60	46	40	43	49	43	40	43	45	51	59	55	51	49	51	52	53	52	50	51	64		48.
Marshall	Maximum	73	73	62	67	67	51	72	73	80	80	60	62	68	68	62	51	68	72	78	73	73	72	69	76	72	73	71	75	78	84		70.
	Minimum	37	40	44	38	45	36	38	53	61	54	38	32	47	36	30	38	42	49	56	56	46	46	40	46	43	52	46	45	59	59		45.
Mena	Maximum	76	73	65	77	69	61	74	70	86	82	63	69	63	57	37	63	79	79	77	71	79	76	63	73	81	79	67	80	75	84		71.
	Minimum	43	46	45	43	48	37	45	54	64	56	43	35	48	37	33	37	41	56	64	61	47	50	51	45	47	55	52	55	68	61		48.
Morrillton §§	Maximum	78	69	62	76	67	58	77	75	86	90	61	67	70	51	46	49	72	79	79	72	77	75	62	70	81	71	69	81	72	85		70.
	Minimum	44	50	48	43	50	43	40	46	56	64	45	38	44	50	37	38	44	47	55	63	52	53	52	51	51	55	52	53	58	65		49.
Mountain Home	Maximum	68	65	60	74	65	54	79	77	87	85	62	69	75	60	45	48	69	85	79	70	71	69	65	69	80	69	74	81	76	84		70.
	Minimum	41	42	43	38	47	37	35	53	59	49	42	33	44	38	35	41	45	46	55	53	52	48	45	52	45	52	47	45	60	59		46.
Mount Ida	Maximum	78	74	66	77	71	62	76	75	86	87	67	70	72	55	42	60	78	79	88	78	80	79	68	73	80	77	72	82	73	85		73.
	Minimum	36	45	46	35	50	40	30	55	63	59	36	28	42	38	35	39	35	49	58	61	48	43	50	43	41	56	43	45	60	66		46.
Newport	Maximum	77	69	62	72	69	62	76	76	81	83	70	67	72	65	47	59	65	80	82	75	71	70	66	72	80	70	72	81	78	85		71.
	Minimum	49	52	47	42	57	45	40	50	63	62	46	39	46	46	41	42	46	48	57	57	57	52	50	54	50	54	51	50	64	61		50.
Ozark §§	Maximum	80	70	63	78	64	59	79	74	89	85	67	70	72	54	48	58	72	82	79	76	80	78	62	70	82	75	70	80	76	86		72.
	Minimum	41	42	45	44	49	39	37	41	55	65	44	36	38	44	34	33	37	42	53	62	48	49	52	49	47	48	50	50	51	61		46.
Pine Bluff	Maximum	80	73	69	79	69	62	79	82	85	90	79	71	76	60	46	52	79	84	84	76	80	79	68	72	81	77	72	83	76	88		75.
	Minimum	48	56	49	49	60	45	43	53	61	64	49	40	48	46	39	42	46	57	63	63	60	55	54	52	51	60	56	55	65	66		53.
Pocahontas	Maximum	77	74	63	71	70	63	75	75	87	80	67	67	72	70	49	59	65	78	78	77	71	70	67	72	80	76	71	80	80	84		72.
	Minimum	43	49	42	35	53	43	34	49	59	58	43	55	41	43	42	40	40	45	55	54	54	50	45	50	51	49	47	45	59	59		47.
Portland	Maximum	81	74	68	75	72	67	77	80	76	81	79	66	77	65	57	54	74	81	78	80	80	78	75	79	82	80	74	85	82	89		75.
	Minimum	47	57	50	44	59	46	40	46	60	63	52	40	46	57	40	42	44	53	60	62	62	56	52	56	54	60	60	60	64	66		53.
Prescott	Maximum	81	76	76	79	77	74	78	77	88	89	85	72	74	68	62	64	80	81	82	78	80	79	74	76	82	81	75	84	81	85		77.
	Minimum	44	51	51	46	49	42	40	50	64	65	47	38	44	55	38	41	41	53	62	61	57	54	54	52	52	58	53	56	65	67		51.
Rison	Maximum	81	78	74	87	85	71	78	81	86	89	88	72	78	63	54	53	79	81	84	79	81	78	73	72	81	74	78	82	75	90		77.
	Minimum	45	54	49	45	59	43	43	49	62	63	48	36	46	49	37	40	42	56	60	60	59	54	50	51	51	58	52	53	62	66		51.
Searcy	Maximum	75	71	66	72	68	63	76	76	81	86	70	68	72	65	45	56	68	78	80	77	74	75	66	71	80	75	71	80	77	86		72.
	Minimum	42	51	46	39	57	42	37	48	60	60	46	36	42	43	38	40	46	48	56	59	54	51	50	49	50	54	51	50	62	60		48.
Stuttgart	Maximum	78	69	64	74	64	63	76	77	80	86	77	67	72	66	50	56	73	81	83	74	76	76	69	73	81	78	75	82	77	87		73.
	Minimum	45	55	46	44	58	45	41	50	62	62	51	40	49	49	39	42	48	54	60	63	59	54	52	51	50	61	54	56	65	66		52.
Sunset	Maximum	71	66	58	70	68	51	69	71	81	81	56	63	64	60	33	51	71	79	75	71	73	69	61	64	77	67	68	75	69	76		66.
	Minimum	48	39	38	55	42	32	43	54	60	46	36	44	48	31	30	32	42	58	60	56	57	50	47	47	51	53	47	48	56	60		47.
Texarkana	Maximum	75	79	72	78	72	67	77	75	84	86	78	78	71	65	44	70	80	81	79	77	81	80	73	79	74	73	72	81	74	87		75.
	Minimum	54	45	47	48	50	43	43	55	63	67	50	40	50	39	36	38	45	53	61	61	58	56	53	54	57	55	59	53	63	64		52.
Thornburg	Maximum	78	70	64	78	70	59	59	74	76	91	63	69	72	59	55	52	78	79	81	77	78	73	72	71	81	64	67	81	71	85		71.
	Minimum	36	49	40	36	..	50	42	34	66	61	42	29	49	40	40	39	48	49	59	61	48	46	43	41	40	43	47	46	63	63		46.
Warren	Maximum	80	77	75	77	76	66	77	81	84	88	84	72	77	70	67	54	77	82	81	80	80	80	81	77	83	88	84	84	80	91		78.
	Minimum	46	56	53	45	59	45	44	52	62	64	49	39	63	52	37	40	42	56	59	60	59	52	51	53	52	59	55	54	62	65		52.
Wilson	Maximum	74	72	65	70	68	60	73	71	77	77	71	66	73	71	52	55	64	79	80	78	70	70	68	70	78	78	72	80	80	85		71.
	Minimum	46	53	43	42	52	44	44	51	60	60	45	38	44	49	42	40	41	49	58	52	55	48	47	54	52	52	51	50	64	65		49.
Wynne	Maximum	76	64	62	72	65	63	76	76	79	78	78	67	72	65	55	55	67	81	85	75	74	70	72	70	79	75	71	82	80	87		72
	Minimum	43	45	52	40	45	43	38	49	60	61	46	36	43	54	39	39	40	51	57	61	55	48	46	49	50	52	50	51	63	62		48.

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark 5-29-33-1000

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

ol. XXXVIII Little Rock, Ark., May, 1933 No. 5

GENERAL SUMMARY

Temperature and precipitation were both above normal, this being he warmest May since 1918. Rainfall was excessive in most sections uring the first half of the month with heavy rains occurring on the 4th nd 5th and from the 12th to the 15th, numerous stations reporting over .00 inches of rainfall during the latter period. All streams in the State ose very rapidly. Flood stages were reached at most points on the rkansas and at all stations on the Black, White and St. Francis rivers. few levees broke on the Arkansas and White rivers while serious breaks ccurred along the St. Francis river and thousands of acres of farm land ere inundated. In the northeastern and extreme southeastern portions f the State the high water continued until the latter part of the month, arm work being badly delayed, but in south-central, southwestern, and estern sections conditions were more favorable. Flood losses were as ollows: On the Black and White rivers, $163,530; the Arkansas, 214,465; the Ouachita, $5,750; the St. Francis, $569,162. Tornadoes ccurred during the first half of the month in which 16 people were illed, 60 injured, and property valued at $208,200 destroyed.

The average temperature for the State, based on the reports of 62 stations, was 71.8° which is 2.7° above the mean for the past 43 years, all tations except one having positive departures. Monthly means ranged rom 66.6° at Sunset to 75.9° at El Dorado. The highest temperature ecorded was 96° at Hope on the 19th and 20th and at Dumas on the 3d; the lowest, 41°, at Grannis on the 2d and at two other stations later n the month. The greatest daily range was 46° at Mount Ida on the 8th.

The average precipitation for the State for the 91 stations reporting as 6.27 inches which is 1.24 inches above the mean for the past 43 ears. Monthly totals ranged from 2.30 inches at Carthage to 12.40 nches at Sunset. The greatest 24-hour amount of rainfall was 5.32 nches at Helena on the 12th.

Unusual Phenomena

TORNADOES:

Calhoun (6 miles southeast of Magnolia), 1st, 4 p.m., from sw, path 200 ft. wide, 6 killed, 2 injured, property damage $5,000.

Lake Village, 1st, about midnight, from sw, 3 killed, 12 injured, property damage $50,000.

From 4 miles northwest of Salem northeastward to the Missouri line, 1st, 1:30 p. m., from sw, path 2600 feet wide; another one-half mile east of Salem northeastward to the Missouri line, 1st, 2:30 p. m., from sw, 600 feet wide, in both tornadoes 3 killed, 17 injured, damage $30,000.

Calico Rock, 4th, in afternoon, from sw, path narrow and about 6 miles long, property damage $500.

Eudora, 4th, 4 p. m., from w, a wide path 3 miles long, property damage $50,000.

From near Floyd northeastward to Bald Knob, 7th, 3 p. m., from sw, path narrow, $1,000 damage to trees, buildings, etc.

From 8 miles north of Harrisburg to Truman, 7th, 4 p. m., from w, 1300 feet wide, 3 injured, property damage $25,000.

Near Cedarville, 12th, 11 p. m., from sw, path narrow, damage $500.

Winslow, 12th, 11:30 p. m., from sw, 200 feet wide, damage $200.

Bentonville, 13th, 4 a. m., from nw, 1000 feet wide and five miles long, property damage $6,000.

Franklin, 13th, 7:30 p. m., from sw, 1000 feet wide and 3 miles long, 2 killed, 12 injured, property damage $30,000.

Pocahontas, 13th, 9:10 p. m., from sw, 1300 feet wide, 2 killed, 14 injured, property damage $10,000.

Taylor, 20th, 4 p. m., from sw, path very narrow, passed through wooded sections, considerable damage to timber.

WINDSTORMS:

Magazine, 4th, considerable damage to roofs of buildings.

Harrison, 13th, trees and electric wires blown down, considerable property damage.

Mountain Home, 13th, considerable damage to trees, fences, and buildings.

KILLED BY LIGHTNING:---Near Sherill, 4th, one.

HEAVY HAIL:

Prescott, 1st, considerable damage to truck crops.

Calico Rock, 4th, considerable damage to gardens and truck crops.

Bald Knob, 7th, considerable damage to roofs of buildings and crops.

Southern Craighead and northern Poinsett counties, 7th, considerable damage to buildings, fruit trees, and crops in connection with windstorms.

Floyd, 7th, severe damage to fruit trees and truck crops.

Harrisburg, 7th, considerable damage to window glass and auto tops.

Judsonia, 7th, $2,000 damage to strawberries.

Searcy, 7th, considerable damage to truck crops and strawberries.

MODERATE HAIL:---Jonesboro, 7th, slight damage to crops. Helena, 11th and 15th, no damage. Lead Hill, 28th, no damage.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29.84	30.19	14	29.38	8	6.5	32	s	12	....	...	....	66
Fort Smith	29.86	30.15	14	29.46	8	8.6	32	s	23	82	62	61	53
Little Rock	29.89	30.13	18	29.55	4	8.5	27	se	11	84	57	57	68
Memphis	29.91	30.15	20	29.51	4	7.9	30	sw	22	78	64	61	58

COMPARATIVE DATA FOR MAY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	−2.1	97	36	2.78	−2.25	5.61	0.55	0.0	7	15	9	7
1892	67.8	−1.3	95	36	9.52	+4.49	15.80	3 71	0.0	13	8	11	12
1893	68.6	−0.5	94	38	9.71	+4.68	19.88	5 21	0.0	11	14	8	9
1894	70.1	+1.0	95	35	3.40	−1.63	9.41	0.38	0.0	7	12	12	7
1895	69.0	−0.1	97	36	3.91	−1.12	7.23	1.16	0.0	8	13	11	7
1896	74.3	+5.2	98	46	3.54	−1.49	8.35	0.76	0.0	7	15	10	6
1897	68.3	−0.8	99	33	2.13	−2.90	7.47	0.34	0.0	5	17	9	5
1898	72.1	+3.0	100	30	6.44	+1.41	14.28	1 22	0.0	7	16	9	6
1899	72.9	+3.8	96	44	6.45	+1.42	13.86	2.37	0.0	10	10	12	9
1900	69.3	+0.2	97	37	3.69	−1.34	6.06	1.92	0.0	9	12	12	7
1901	68.2	−0.9	100	31	2.95	−2.08	7.85	0.49	0.0	7	12	13	6
1902	73.2	+4.1	100	42	4.34	−0.69	8.44	1.73	0.0	8	12	12	7
1903	67.5	−1.6	96	24	7.47	+2.44	14.88	2.34	0.0	12	9	11	11
1904	67.1	−2.0	98	31	3.39	−1.64	6.08	1.39	0.0	8	13	12	6
1905	70.7	+1.6	98	38	9.58	+4.55	23.50	4 92	0.0	12	9	11	11
1906	68.8	−0.3	100	28	4.71	−0.32	10.31	0.71	0.0	8	15	8	8
1907	63.8	−5.3	91	31	9.48	+4.45	12.86	5.61	0.0	13	7	13	11
1908	70.0	+0.9	96	30	7.05	+2.02	12.54	1.76	0.0	10	8	13	10
1909	67.0	−2.1	92	28	6.76	+1.73	10.64	4.03	0.0	10	14	9	8
1910	66.0	−3.1	95	31	6.56	+1.53	10.39	4.02	0.0	11	12	10	9
1911	70.8	+1.7	101	26	1.11	−3.92	2.08	0.22	0.0	3	19	10	2
1912	69.9	+0.8	98	32	2.41	−2.62	6 16	0 50	0.0	6	15	11	5
1913	69.3	+0.2	99	35	3.32	−1.71	7.30	0.30	0.0	7	16	10	5
1914	69.5	+0.4	97	34	3.34	−1.69	6.92	1.02	0 0	6	12	13	6
1915	69.9	+0.8	101	34	5.58	+0.55	11.15	1.08	0.0	9	12	9	10
1916	71.6	+2.5	99	34	3.56	−1.47	7.76	1.02	0.0	6	18	7	6
1917	63.5	−5.6	97	31	3.15	−1.88	8.52	0.33	0.0	6	15	7	9
1918	72.2	+3.1	102	29	3.01	−2.02	10.50	0.15	0.0	4	17	8	6
1919	66.8	−2.3	96	38	6.01	+0.98	11.15	1.82	0.0	12	9	9	13
1920	70.8	+1.7	96	39	8.17	+3.14	15.32	2.12	0.0	12	11	9	11
1921	69.7	+0.6	99	29	2.25	−2 78	5.49	0.00	0.0	5	18	8	5
1922	70.8	+1.7	100	40	5.00	−0.03	12.69	1.57	0.0	11	12	10	9
1923	67.2	−1.9	98	27	8.24	+3 21	14.26	3.55	0.0	12	11	8	12
1924	64.6	−4.5	94	30	4.64	−0.39	7.86	2.44	0.0	8	15	8	8
1925	68.0	−1.1	102	26	1.88	−3.15	5.58	0.25	0.0	4	17	7	7
1926	69.7	+0.6	107	29	2.42	−2.61	6.18	0.48	0.0	5	17	8	6
1927	71.7	+2.6	97	32	6.54	+1.51	14 03	1.68	0.0	9	12	9	10
1928	69.5	+0.4	98	34	3.60	−1.43	7.35	0.99	0.0	8	17	7	7
1929	67.6	−1.5	97	30	6.31	+1.28	11.52	1.98	0.0	13	9	9	13
1930	68.8	−0.3	95	37	10.06	+5.03	18.51	3.86	0.0	12	14	7	10
1931	65.2	−3.9	96	27	3.45	−1.58	6.18	0.74	0.0	8	15	7	9
1932	69.5	+0.4	96	35	1.96	−3.07	5.01	0.28	0.0	5	16	9	6
1933	71.8	+2.7	96	41	6.27	+1 24	12.40	2.30	0.0	10	14	7	10
Period	69.1	......	107	24	5.03	......	23.50	0.00	0.0	8	13	10	8

Daily River Stages for May, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.0	9.6	9.6	8.0	7.8	7.4	7.3	6.9	7.0	6.9	7.3	7.4	8.3	14.8	23.0	26.6	27.7	27.3	24.3	19.0	13.9	12.9	12.3	11.6	10.7	12.0	13.4	13.0	11.9	12.3	11 7
Ozark	do	22	8.4	7.1	6.1	5.2	4.7	4.4	4 0	3.7	3.4	3.3	3.2	3.6	3.7	12 7	18.2	21.7	23.2	23.6	22.4	18.3	13.1	11.0	10.4	9.2	8.8	8.6	9.8	10.4	9.7	9.3	9.8
Dardanelle	do	22	12.0	10.7	9.6	8.6	7.9	7.7	7 3	7.0	6.7	6.5	6.5	6.6	7.4	9.7	19.0	23.9	24.5	25.1	24.9	23.1	18.6	15.0	13.2	12.1	11.3	10.8	11.1	12.0	12.3	11.4	11.2
Morrilton	do	20	10.1	9.0	7.5	6 2	5.2	4.5	4.1	3.6	3.2	2.8	2.5	2 6	4.0	4.8	15.1	21.2	22.9	23.7	23.9	23 1	20.1	16.0	13.3	12.0	10.6	9.7	9.3	10.0	10.5	9.9	9.0
Little Rock	do	23	11.3	10.9	9.6	8.2	7.1	6.5	5.8	5.2	4.6	4.0	3.4	3.9	4.5	6.2	11.0	19.0	21.4	22.3	22.7	22.3	20.9	18.5	15.8	13.9	12.3	11.0	10.2	10 0	10.5	15.5	9.6
Pine Bluff	do	25	15.8	15.7	15.0	14.0	12.9	11.9	11.2	10.8	10.2	9 4	9.0	8.8	9.3	10.1	11.6	18.7	23.8	24.7	25.6	25.8	25.4	23.9	21.8	19.9	18.2	16.8	15.7	14.8	14.8	15.3	15.0
Yancopin	do	29	37.7	37.5	37.4	37.3	37.3	37.0	36.5	36.0	35.4	34.8	34.0	33.8	33.2	32.9	32.7	33.6	35.2	36 0	36.5	37.0	37.4	37.7	37.9	37.9	37.9	38.0	38.2	38.5	38.8	39.1	39.4
Danville	Petit Jean	20	....	...	.. .	6.5	7.0	9.9	8.9	7.7	6.1	5.4	4 8	4.4	4.5	7.4	17.3	22.2	23.6	23.0	21.5	17.8	12.8	10.5	17.5	15.6	12.4	7.6	5.4	5.5	5.4	4.9	4.6

Climatological Data for May, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	70.9^{d}	+1.6	90^{d}	9†	49^{d}	2	39^{e}	4.11	−1.08	1.30	0.0	9	2^{f}	18^{f}	5^{f}	......	J. W. Campbell
Arkadelphia	Clark	250	38	......	......	......	......	......	......	......	5.03	−0.53	1.12	0.0	10	14	5	12	......	W. K. Bown
Arkansas City	Desha	145	49	......	......	......	......	......	......	......	3.67	−1.00	2.85	0.0	4	14	6	11	......	Herbert Neff
Arlberg	Stone	700	11	......	......	......	......	......	......	......	7.57	+2.08	1.33	0.0	12	15	4	12	ne.	J. D. Reeves
Batesville	Independence	277	34	68.6	+1.4	87	21†	43	8	40	5.32	+0.32	1.47	0.0	12	15	4	12	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	71.4	+3.1	92	20	48	8	37	8.21	+3.08	1.93	0.0	13	14	5	12	s.	J. E. Scanlan
Bentonville	Benton	1303	28	67.5	+2.5	88	20	44	2	34	9.62	+4.69	4.23	0.0	14	12	3	16	s	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	....	3	......	......	......	......	......	......	......	5.96	......	1.90	0.0	9	15	3	13	......	C. J. Brooks
Black Rock	Lawrence	259	32	......	......	......	......	......	......	......	5.58	+0.41	1.27	0.0	13	14	4	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	8	72.1	......	93	20	48	2†	33	5.58	......	2.14	0.0	11	19	7	5	s.	Samuel Norris
Booneville	Logan	465	19	72.4	+2.4	92	9†	46	2	41	7.11	+1.69	1.97	0.0	10	14	8	9	s.	F. H. Randolph
Brinkley	Monroe	205	46	73.2	+3.2	93	20	48	3	36	6.61	+1.62	2.20	0.0	8	13	9	9	s.	R. J. Torry
Calico Rock	Izard	361	29	69.6	+2.8	92	20	45	8†	45	7.33	+2.61	1.82	0.0	12	14	6	11	sw.	W. J. Copp
Camden	Ouachita	158	48	75.0	+4.1	93	20†	49	2	37	5.23	+0.63	2.10	0.0	6	14	6	11	......	J. M. Knight
Carthage	Dallas	....	28	71.6	....	91	19	47	2	39	2.30	−2.77	0.95	0.0	10	14	10	7	sw.	P. K. Wylie
Center Point	Howard	470	34	74.4	+3.6	94	20	49	2	37	3.12	−3.18	1.35	0.0	5	12	14	5	sw.	John C. Floyd
Clarendon	Monroe	172	29	......	......	......	......	......	......	......	8.17	+3.22	4.16	0.0	9	11	1	19	s.	J. W. Bishop
Clinton	Van Buren	516	12	......	......	......	......	......	......	......	7.49	+1.94	1.73	0.0	11	14	6	11	sw.	A. L. Stephens
Conway	Faulkner	309	50	73.2	+3.3	92	20	49	3†	31	7.83	+2.76	2.07	0.0	11	14	12	5	s.	E. E. Cordrey
Corning	Clay	293	40	71.1	+3.1	91	20†	49	2	31	6.68	+2.12	1.70	0.0	12	15	2	14	sw.	Winfred D. Polk
Cotter	Baxter	408	6	......	......	......	......	......	......	......	7.91	......	2.10	0.0	11	17	5	9	sw.	O. B. McSpadden
Crosset	Ashley	175	21	75.8	......	93	20	53	7	36	4.24	−0.28	2.10	0.0	7	10	7	14	s.	G. A. Gifford
Danville	Yell	327	17	......	......	......	......	......	......	......	4.75	−0.07	1.85	0.0	8	10^{c}	10^{c}	8^{c}	......	H. Inglis
Dardanelle	Yell	330	47	72.2	+2.3	91	20	49	3	37	6.98	+1.57	1.75	0.0	10	10	9	12	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	6	......	......	......	......	......	......	......	7.55	......	3.25	0.0	10	17	4	10	......	H. G. Pate
Dumas	Desha	162	28	75.4	+4.2	96	23	52	3	34	6.26	+0.97	2.45	0.0	10	11	13	7	s.	Ben Johnson
Dutton	Madison	1590	30	....	......	......	......	......	......	......	....	......	....	...	..	..	..	..	......	J. M Ricketts
El Dorado	Union	270	33	75.9	+4.7	92	19†	52	2	33	7.29	+2.39	4.05	0.0	8	8	14	9	se	J. J. Babb
England	Lonoke	229	26	72.8^{d}	+2.8	92^{d}	20	50^{d}	3	33^{d}	9.38	+4.99	2.97	0.0	11	16^{d}	1^{d}	10^{d}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	68.6	+2.1	88	20	43	2	38	5.40	−0.37	1.82	0.0	10	14	8	9	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	68.3	+2.0	87	20	44	2	36	5.88	+0.37	2.24	0.0	12	16	7	8	sw.	University of Arkansas
Fort Smith	Sebastian	457	52	71.8	+2.2	92	20	48	2	37	6.26	+1.44	2.54	0.0	11	10	10	11	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	9	......	......	......	......	......	......	......	6.34	......	1.89	0.0	10	17	4	10	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	......	......	......	......	......	......	......	3.02	−1.59	1.10	0.0	6	11	4	16	......	T. J. Logan
Georgetown	White	200	21	......	......	......	......	......	......	......	4.14	−0.59	1.47	0.0	11	14	0	17	....	W. R. Owens
Gilbert	Searcy	675	9	......	......	......	......	......	......	......	6.87	......	2.25	0.0	9	18	5	8	....	S. G. Battenfield
Grannis	Polk	900	14	69.6	+2.6	89	20	41	2	43	4.07	−2.34	0.96	0.0	12	11	10	10	e.	W. E. McVay
Gravette	Benton	1250	36	66.8	+1.5	88	20	42	3	37	8.46	+2.90	2.97	0.0	11	14	7	10	se.	A. F. Stevens
Harrison	Boone	1052	33	70.2^{b}	+4.5	91	19†	46^{d}	2	36^{d}	9.51	+4.28	2.70	0.0	8	22	5	4	......	Louis R. Keck
Helena	Phillips	250	61	72.7	+1.9	91	20†	50	2†	32	9.93	+5.23	5.32	0.0	9	6	15	10	s.	James A. Burnett
Higden	Cleburne	445	14	......	......	......	......	......	......	......	8.35	+2.05	1.70	0.0	11	10^{e}	7^{e}	9^{e}	....	Geo. W. Baker
Highland	Pike	....	14	73.4	......	92	28	49	2	33	6.91	+2.80	1.71	0.0	14	4	19	8	s.	J. O. Cooley
Hope	Hempstead	377	63	74.5^{a}	+3.4	96^{a}	19†	51^{a}	2	38^{a}	3.01	−2.20	1.60	0.0	6	19^{b}	5^{b}	5^{b}	se.	N. P. O'Neal
Hot Springs	Garland	600	42	74.4	+4.8	93	20†	50	2	39	4.96	−1.03	1.20	0.0	11	14	14	3	......	National Park Service
Index. ‡‡	Little River	275	8	......	......	......	......	......	......	......	2.77	......	0.88	0.0	7	11	3	17	......	H. G. Sanderson
Jessieville	Garland	750	7	......	......	......	......	......	......	......	7.30	......	3.00	0.0	6	6	20	5	......	U. S. Forest Service
Jonesboro	Craighead	345	38	72.4	+2.9	92	20	49	2	33	6.42	+2.16	1.45	0.0	12	21	6	4	nw	Benedictine Sisters
Lead Hill	Boone	650	27	69.8	+2.0	94	20	42	3	44	7.45	+1.80	2.00	0.0	10	17	5	9	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	72.2	+1.9	90	20	52	4	33	5.93	+1.15	2.64	0.0	15	9	11	11	s.	U. S. Weather Bureau
Lurton	Newton	2100	7	69.2^{b}	......	90^{b}	9	43^{b}	4†	33^{b}	8.36	......	2.10	0.0	9	12^{b}	9^{b}	8^{b}	s.	Miss Mary Sutton
Lutherville‡‡	Johnson	775	34	70.2	+2.2	90	20	45	2	37	7.27	+2.12	2.16	0.0	9	14	3	14	se.	H. G. Lenhardt
Madison	St. Francis	....	3	......	......	......	......	......	......	......	5.83	......	2.55	0.0	7	13	0	16	......	J. W. Eppes
Magnolia	Columbia	315	17	74.9^{e}	+3.6	93^{e}	24	50^{e}	2	33^{e}	3.77	−1.38	1.10	0.0	6	11^{e}	9^{e}	6^{e}	sw.	State Agri. School
Malvern	Hot Springs	277	47	73.0	+3.1	92	20	48	2†	41	6.24	+1.45	1.49	0.0	12	14	9	8	s.	Mrs. W. L Matthews
Mammoth Spring	Fulton	600	29	68.8	+3.8	89	20	46	8	36	5.85	+1.27	1.40	0.0	10	13	6	12	se.	S. F. Whittaker
Marianna	Lee	235	21	73.8	+3.6	90	19†	54	2†	29	5.94	+1.51	1.30	0.0	8	13	10	8	sw.	C. N. Houck
Marked Tree	Poinsett	229	28	71.7	+2.7	92	20	50	2	31	7.41	+2.44	1.93	0.0	11	10	18	3	n.	Charles Walton
Marshall	Searcy	1070	19	67.2	0.0	86	9†	41	3	39	7.08	+0.17	2.15	0.0	14	14	4	13	s.	A. J. Parks
Mena	Polk	1185	45	71.0	+2.4	89	19†	45	2	40	6.55	+0.15	3.08	0.0	9	17	2	12	sw.	E. W. St. John
Morrilton	Conway	347	14	70.8	....	87	20†	51	3†	34	7.43	+2.78	2.78	0.0	10	10	7	14	se.	Miss Ruby Cook
Mountain Home	Baxter	800	21	69.2	+3.2	92	20	45	3	39	9.48	+3.83	1.56	0.0	11	15	3	13	s.	B. S. Halbert
Mount Ida	Montgomery	650	34	70.0	+1.8	89	8†	42	3	46	6.23	+0.34	1.31	0.0	10	16	8	7	w.	G. A. Whittington
Newport	Jackson	231	50	72.0	+2.0	90	20†	49	3	31	5.17	+0.82	1.56	0.0	10	13	7	11	n.	J. D. Henderson
Norman	Montgomery	750	5	......	......	......	......	......	......	......	7.91	......	2.85	0.0	10	15	8	8	......	U. S. Forest Service
Oden	Montgomery	800	7	......	......	......	......	......	......	......	5.17	......	1.27	0.0	10	11	10	10	s.	U. S. Forest Service
Okay	Howard	288	4	73.3	......	93	23	50	8	39	2.77	......	1.47	0.0	8	18	9	4	s.	Charles R. Jackson
Osceola	Mississippi	240	37	73.1	+3.9	93	20†	50	2†	32	7.02	+1.81	2.30	0.0	13	12	7	12	sw.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	38	70.3	+0.5	90	9†	47	2	39	6.97	+1.48	1.53	0.0	9	17	0	14	e.	Orkney O. Milton
Paragould	Greene	301	10	......	......	......	......	......	......	......	6.92	......	2.72	0.0	12	19	5	7	s.	W. R. Heagler
Parkin	Cross	....	3	......	......	......	......	......	......	......	6.60	......	1.87	0.0	9	12	2	17	.....	Carroll King
Patterson	Woodruff	196	17	......	......	......	......	......	......	......	....	.....	....	....	.	.	..	..	......	W. E. Baker
Piggott	Clay	307	9	......	......	......	......	......	..	......	8.36	......	2.15	0.0	11	10	11	10	sw.	V. C. Wright
Pine Bluff	Jefferson	215	46	74.1	+2.7	90	19†	52	2	32	3.55	−1.15	1.42	0.0	9	17	8	6	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	70.2	+1.8	90	20†	46	2†	36	6.93	+2.08	2.30	0.0	11	7	7	17	sw	Benedictine Sisters
Portland	Ashley	122	27	75.6	+4.0	93	19	53	3	33	3.06	−2.74	1.86	0.0	7	11	10	10	sw.	W. E. Edmiston
Prescott	Nevada	329	45	74.8	+4.4	93	19†	50	2	39	4.39	−0.64	1.15	0.0	9	11	10	10	s.	Craig Williams
Rison	Cleveland	243	33	73.6	+2.7	93	19	49	2	36	3.57	−0.50	1.31	0.0	9	18	8	5	sw.	Mrs. M. V Tisdale
Rogers	Benton	1385	42	68.4	+2.6	89	20	43	2	40	4.57	−0.82	1.52	0.0	8	17	4	10	s.	Carl A. Starck
St. Charles	Arkansas	175	3	.....	. .	......	......	......	......	......	....	......	....	...	..	..	..	..	......	Mrs. Amelia Browning
St. Francis	Clay	290	6	......	......	......	......	......	......	......	9.26	......	3.21	0.0	10	14	8	9	......	S. T. Rooney
Searcy	White	236	23	71.2	+2.6	89	20	48	2	34	6.26	+1.72	1.80	0.0	12	18	5	8	sw.	Arthur D. Smith
Springbank ‡‡	Miller	240	26	......	......	......	......	......	......	......	5.96	+1.29	2.65	0.0	10	11	3	17	.....	Miss Grace Field
Story	Montgomery	700	9	......	......	......	......	......	......	......	6.46	......	1.75	0.0	8	15	9	7	s.	S. C. Story
Stuttgart	Arkansas	209	46	73.5	+3.7	92	19	51	3	29	6.89	+2.09	2.70	0.0	9	19	5	7	s.	Mrs. Kress Swim
Subiaco	Logan	1050	36	71.7	+1.7	92	19†	48	2	39	7.64	+2.25	2.22	0.0	9	16	5	10	sw.	New Subiaco Abbey
Sunset	Washington	....	2	66.6	......	83	9†	42	2†	29	12.40	......	4.23	0.0	11	12	9	10	......	Walter James
Texarkana	Miller	332	48	73.6	+2.0	92	20	48	2	35	3.03	−1.44	0.93	0.0	7	15	6	10	s.	H. S. Brashear
Thornburg	Perry	650	13	69.5	.....	88	19†	41	3†	45	7.02	+1.30	1.79	0.0	10	14	10	7	s.	Edward E. Holmes
Waldron	Scott	675	14	......	......	......	......	......	......	......	....	......	....	...	..	..	..	..	......	Dr. Cheves Bevill
Warren	Bradley	206	39	*75.6*	+4.4	..	..	51	3	..	4.55	−0.17	2.00	0.0	7	19	7	5	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	......	......	......	......	......	......	......	5.02	......	1.56	0.0	7	9	13	9	w.	J. R. Huddleston
Whitecliffs	Little River	290	29	......	......	......	......	......	......	......	3.18	−1.60	1.30	0.0	7	9	4	18	se.	Charles Huff
Wilson	Mississippi	237	8	72.2	......	90	20†	50	2†	31	5.95	......	1.90	0.0	10	19	2	10	s.	D. O. Anderson
Wynne	Cross	250	25	71.6	+2.0	93	20	48	3	34	7.68	+2.88	2.45	0.0	11	12	9	10	s.	R. T. Cobbs
Yancopin	Desha	167	9	......	......	......	...	......	......	......	9.35	......	4.41	0.0	8	14	3	14	.	W. E. Barton
State Means				71.8	+2.7	96	19†	41	2†	46	6.27	+1.24	5.32	0.0	10	14	7	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for May, 1933

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	....	....	....	1.30	....	.06	....	....	....	....	.20	....	.90	.90	....	....	....	....	....	....	.03	.15	.07	....	.50	....	....	....	....	....	4.11
Arkadelphia	Ouachita	....	.61	....	.60	.83	....	....	....	....	....	....	.23	....	1.12	1.01	.08	....	....	....	....	....	.05	....	....	.05	T.	45	....	T.	....	....	5.03
Arkansas City	Mississippi	....	T.	....	T.	2.85	....	....	....	....	....	....	.50	....	....	....	T.	....	....	....	....	....	....	....	....	....	.10	.22	....	....	....	....	8.67
Arlberg	White	47	....	....	.31	.42	....	.28	....	....	....	1.13	....	....	1.07	1.33	....	....	....	....	....	....	1.02	....	.31	.60	.10	....	....	.53	....	....	7.57
Batesville	White	....	.42	....	....	.68	....	....	.27	....	....	T.	.75	....	1.47	.87	.04	....	....	....	....	....	.13	.16	....	.14	.03	.36	....	T.	....	....	6.32
Bee Branch	Arkansas	.85	....	....	.60	.10	....	.11	....	....	....	.27	1.93	....	1.06	1.26	....	....	....	....	....	T.	.86	....	.65	.11	.36	....	....	.05	....	....	8.21
Bentonville ***	Arkansas	....	....	....	.46	.08	....	.04	....	.18	.26	.25	T.	4.23	.68	.74	....	....	....	....	....	.32	....	T.	.34	1.90	.12	....	.02	....	....	....	9.62
Big Lake Outlet	St. Francis	....	.10	....	....	1 90	....	....	.88	T.	T.	T.	1.06	T.	.93	.18	T	....	....	....	....	....	....	.25	....	.51	T.	.15	....	....	....	....	5.96
Black Rock	White	....	....	....	....	1.10	....	....	.33	....	....	....	1.05	.05	1.27	.67	....	....	....	....	....	.25	.04	06	....	.05	.22	.41	....	.08	....	....	5.58
Blytheville	St. Francis	....	.11	....	....	2.14	....	....	.50	....	.03	....	.26	.43	1.02	T.	.13	....	....	....	....	....	....	.37	....	.37	T.	.22	T.	....	....	....	5.58
Booneville	Arkansas	....	....	....	.67	.12	....	....	....	....	....	....	.24	.05	1.97	1.92	....	....	....	....	....	1.95	.10	....	....	.06	....	T.	T.	.03	....	....	7.11
Brinkley	White	....	....	....	....	1.45	....	....	2 20	T.	....	....	1.88	....	.09	T.	.09	....	....	....	....	....	....	....	....	1.05	.19	.16	....	....	....	....	6.61
Calico Rock	White	....	.83	....	.02	.30	.07	....	.02	....	....	....	.91	....	1.82	1 62	.02	....	....	....	....	T.	.67	....	....	.62	.43	T.	T.	T.	T.	....	7.33
Camden	Ouachita	....	1.26	....	.73	.79	....	....	....	....	....	.03	....	....	....	....	.02	....	....	....	....	....	....	....	....	2.40	....	....	....	....	....	....	5.28
Carthage	Ouachita	....	.25	....	T.	95	....	....	....	....	....	....	.25	....	.10	.25	.17	....	....	....	....	....	.02	....	.06	.20	.05	....	....	....	....	....	2.30
Center Point	Red	.02	....	....	1.35	....	....	....	....	....	....	....	....	....	.78	.78	....	....	....	....	....	T	....	....	....	.19	....	....	....	....	....	....	3.12
Clarendon	White	....	T	....	....	1.70	....	.22	1.43	....	....	....	4.16	....	.02	....	.08	....	....	....	....	....	....	....	....	.18	.10	.28	....	....	....	....	8.17
Clinton	White	.16	....	....	.69	....	....	.08	....	....	....	....	1.73	....	1.12	1.36	....	....	....	....	....	1.33	....	....	.26	.17	.43	....	.16	....	....	....	7.49
Conway	Arkansas	.46	....	....	.97	.12	....	.29	....	....	....	2.07	.50	1.30	....	1.00	....	....	....	....	....	82	....	....	.08	....	....	....	....	.22	....	....	7.83
Corning	White	....	.10	....	....	1.27	.02	....	....	....	....	....	.30	.68	1.70	.48	.47	....	....	....	....	T.	T.	1.55	....	.03	.03	....	....	.05	....	....	6.68
Cotter	White	....	.26	....	....	1.01	T.	....	.10	....	....	....	1.40	.75	2.10	1.50	....	....	....	....	....	....	T.	....	.13	.21	.31	....	....	.14	....	....	7.91
Crossett	Ouachita	....	.10	....	.04	2.10	....	....	....	....	....	....	....	....	....	....	.75	....	....	....	....	....	....	....	....	.07	1.08	.10	....	....	....	....	4.24
Danville	Arkansas	....	....	....	.50	.30	....	....	.20	....	....	....	.10	....	1.30	1.85	....	....	....	....	....	....	.42	....	....	....	.08	....	....	....	....	....	4.75
Dardanelle	Arkansas	....	....	....	.03	.75	.10	T.	.16	....	....	....	1.25	....	1.75	1.60	....	....	....	....	....	T.	.85	....	....	....	.08	....	....	.41	....	....	6.98
De Valls Bluff	White	....	....	....	....	1.52	....	1.51	.20	....	....	....	3.25	....	.22	.21	.08	....	....	....	....	....	....	....	....	.40	.04	.12	....	....	....	....	7.55
Dumas	Mississippi	....	.04	....	.05	2.45	....	.05	....	....	T.	T.	1.90	....	....	.03	.02	....	....	....	....	....	....	....	....	1.00	.27	.45	....	....	....	....	6.26
Dutton	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
El Dorado	Ouachita	....	.75	....	.48	.47	....	....	....	....	....	....	....	....	....	....	.82	....	....	....	....	....	.52	....	....	4.05	.15	.05	....	....	....	....	7.29
England	Arkansas	.10	....	....	1.02	.11	....	.85	....	....	....	2.80	2.97	....	.31	56	....	....	....	....	....	....	....	T.	T.	.07	.08	.51	....	....	....	....	9.38
Eureka Springs	White	....	....	....	.37	.52	....	....	....	....	....	....	.07	1.81	.26	1.82	....	....	....	....	....	.05	....	....	.05	.42	....	....	.03	....	....	....	5.40
Fayetteville	White	....	....	....	.39	.20	....	.02	....	....	....	....	.12	2.24	.24	1.59	....	....	....	....	....	.08	....	....	.14	.76	.09	....	.01	T.	....	....	5.88
Fort Smith ***	Arkansas	....	....	T.	.44	.06	....	T.	....	....	....	T.	.29	2.47	.49	.93	....	....	....	....	....	.83	....	20	.19	25	T.	....	.11	....	....	....	6.26
Freeman Sprgs	Arkansas	....	....	....	.04	.92	....	T.	.05	....	....	T.	.93	T.	.98	1.89	....	....	....	....	....	....	.60	....	.10	....	.77	....	....	.06	....	....	6.34
Fulton	Red	T.	....	....	1.10	.46	T.	....	....	....	....	....	....	....	T.	.83	....	....	....	....	....	.40	.08	....	....	.15	T.	....	....	T.	....	....	3.02
Georgetown	White	.20	....	....	....	1.47	....	....	.20	.02	....	....	.85	.30	.47	.16	.23	....	....	....	....	....	....	....	....	T.	.06	....	....	.18	....	....	4.14
Gilbert	White	....	....	....	....	.73	.02	....	....	....	....	....	1.02	.01	2.25	1.69	....	....	....	....	....	....	.20	....	T.	.10	.35	....	....	....	....	....	6.37
Grannis	Red	T.	....	....	88	.05	....	....	....	....	....	.01	.69	....	.26	.96	....	....	....	....	....	.37	.20	....	.05	.52	.05	....	....	.03	....	....	4.07
Gravette	Arkansas	....	....	....	.28	....	....	.16	....	....	.34	....	.98	2.97	.25	1.43	....	....	....	....	....	T.	....	.05	.71	1.15	....	....	.14	....	....	....	8.46
Harrison	White	....	....	....	.40	.14	....	....	....	....	....	....	1.42	2.70	1.53	2.07	....	....	....	....	....	.65	....	....	....	.60	....	....	....	....	....	....	9.61
Helena	Mississippi	....	.16	....	....	2.80	....	....	.08	....	....	....	5.32	....	....	.04	.95	....	....	....	....	....	....	....	....	.04	.07	.47	....	....	....	....	9.93
Higden	White	.34	....	....	.48	.11	....	....	....	....	T.	.11	1.23	T.	1.02	1.41	....	....	....	....	....	1.70	....	....	1.13	.07	.75	....	....	....	....	....	8.35
Highland	Ouachita	.30	.11	.06	1.71	.25	.08	.01	....	....	....	....	.07	.12	.84	1.46	1.62	....	....	....	....	....	.09	....	....	.16	....	....	....	....	....	....	6.91
Hope	Red	48	....	....	1.60	....	....	....	....	....	....	....	....	....	.10	.50	....	....	....	....	....	....	.13	....	T.	.20	....	....	....	....	....	....	3.01
Hot Springs	Ouachita	.36	....	....	.56	.02	....	.01	....	....	....	17	.82	....	1.20	.02	....	....	....	....	....	....	....	....	.70	.03	....	1.07	....	....	....	....	4.96
Index	Red	....	....	....	.68	.51	....	....	....	....	....	....	....	....	....	.72	.04	....	....	....	....	....	.47	....	....	.11	.04	....	....	....	....	....	2.77
Jessieville	Ouachita	.30	....	....	....	2.20	....	....	....	....	....	....	3.00	....	1.20	....	....	....	....	....	....	....	....	....	....	.60	T.	T.	....	....	....	....	7.30
Jonesboro	White	....	.18	....	....	1.42	....	....	.96	....	....	.06	.88	.28	1.45	.49	.10	....	....	....	....	....	.10	.47	....	T.	.03	....	....	....	....	....	6.42
Lead Hill	White	....	....	....	.51	.31	....	....	....	....	....	....	.77	1.87	.43	2.00	....	....	....	....	....	.09	....	....	.17	.59	....	....	....	.71	....	....	7.45
Little Rock ***	Arkansas	.11	....	T.	.84	.02	....	.05	....	....	.03	2.57	.07	....	1.24	.52	....	....	....	....	....	.01	.04	....	.10	.07	.25	....	T	.01	....	....	5.93
Lurton	White	.99	....	....	.48	T.	....	....	....	....	.03	.26	1.60	....	.54	2.00	....	....	....	....	....	36	....	....	2.10	....	....	....	....	....	....	....	8.36
Lutherville	Arkansas	....	....	....	.87	21	....	T.	....	....	T.	.22	1.58	T.	1.57	2 16	....	....	....	....	....	....	....	....	.09	.53	....	....	.04	....	....	....	7.27
Madison	St. Francis	....	....	....	....	2.55	....	....	1.48	....	....	....	.97	.03	.32	....	T.	....	....	....	....	....	....	....	....	.30	T.	.18	....	....	....	....	5.83
Magnolia	Red	.87	....	....	1.10	....	....	....	....	....	....	....	....	....	....	.30	.15	....	....	....	....	....	....	....	.25	1.10	....	....	....	....	....	....	3 77
Malvern	Ouachita	....	39	....	.20	1.28	....	.05	....	....	....	....	1.41	....	.65	1.49	.09	....	....	....	....	....	.02	....	.01	....	.17	.48	....	....	....	....	6.24
Mammoth Spg.	White	....	.60	....	....	.28	20	....	....	....	....	....	.92	.15	1.40	.75	.24	....	....	....	....	T.	T.	....	....	1.05	.26	T.	....	....	....	....	5.85
Marianna	St. Francis	....	....	....	1 28	1.28	....	1.30	....	....	....	.47	.80	....	....	.11	.10	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	5.94
Marked Tree	St. Francis	....	.71	....	....	1.93	....	....	.58	....	....	....	.27	.60	1.01	....	22	....	....	....	....	....	....	.09	....	1.81	.07	.12	....	....	....	....	7.41
Marshall	White	.31	....	....	47	.50	....	.06	....	....	....	....	1.35	.30	1.40	2.15	....	....	....	....	....	.03	.03	....	.05	.15	.26	....	....	.02	....	....	7.08
Mena	Ouachita	....	....	....	.36	.67	T.	....	....	....	....	....	.04	T.	1.11	3.08	T.	....	....	....	....	....	.49	....	.14	T.	.27	.39	....	T.	....	....	6 55
Morrilton	Arkansas	....	.70	....	.26	.73	T.	T.	....	.04	....	....	2.78	....	.93	.89	T.	....	....	....	....	....	.46	....	.33	....	T.	T.	....	.31	....	....	7.43
Mountain Home	White	1.05	....	....	.35	.30	....	.10	....	....	....	T.	1.50	1.55	1.22	1.56	....	....	....	....	....	....	....	....	.15	.50	....	....	1.20	....	....	....	9.48
Mount Ida	Ouachita	....	....	....	1.12	.03	....	....	....	....	....	.11	.89	..	1.31	.96	....	....	....	....	....	....	.21	....	.27	.75	.58	....	....	....	....	....	6.23
Newport	White	....	.60	....	....	1.09	....	....	.32	....	....	....	.88	.04	1.56	.40	.06	....	....	....	....	....	....	.04	....	....	....	.18	....	....	....	....	5.17
Norman	Ouachita	....	....	....	1.07	.48	....	.01	....	....	....	....	1.10	....	2.85	1.20	....	....	....	....	....	....	.39	....	....	.11	.20	.50	....	....	....	....	7.91
Oden	Ouachita	....	....	....	.73	.59	....	....	....	....	....	....	.09	.86	1.27	.10	....	....	....	....	....	....	.85	.03	....	....	.29	.36	....	....	....	....	5.17
Okay	Red	....	....	....	1.47	....	....	....	....	....	....	....	....	....	....	1.13	....	....	....	....	....	....	....	....	....	.17	....	....	....	....	....	....	2.77
Osceola	Mississippi	....	.63	....	....	2.30	....	....	.70	....	....	.03	.10	.71	.66	.11	.09	....	....	....	....	....	....	.22	....	.65	.05	.77	....	....	....	....	7.02
Ozark	Arkansas	....	....	....	.13	.70	....	T.	T.	....	....	....	.50	T.	1.33	1.53	....	....	....	....	....	.90	1.20	....	.62	....	.06	....	....	....	....	....	6.97
Paragould	St. Francis	.05	....	....	....	2.72	....	....	.01	....	.03	....	1.24	.14	1.02	.41	....	....	....	....	....	.16	....	.65	....	.11	....	.38	....	....	....	....	6.92
Parkin	St. Francis	....	1.25	....	....	1.87	....	T.	.90	....	....	....	1.30	.19	T.	.30	.10	....	....	....	....	....	....	....	....	.29	....	.40	....	....	....	....	6.60
Patterson	White	....	....	....	....	....	....	....	....	....	....	....	....	.55	....	.28	....	....	....	....	....	....	....	....	....	.09	....	.11	....	....	....	....	....
Piggott	St. Francis	T.	....	....	.10	1.66	....	.10	....	....	.03	2.00	.62	....	2.15	.50	....	....	....	....	....	.30	.42	....	....	.48	....	....	....	....	....	....	8.36
Pine Bluff	Arkansas	....	....	....	....	1.38	....	.01	....	....	....	T.	1.42	....	.09	.31	....	....	....	....	....	....	....	....	.02	.15	.14	.03	....	....	....	....	3.55
Pocahontas	White	.42	....	....	....	.94	....	.07	....	....	....	....	1.05	....	2.30	.55	....	....	....	....	....	.02	1.20	....	....	....	.08	.20	....	.10	....	....	6.93
Portland	Ouachita	....	.56	....	....	1.86	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	.08	....	.02	.04	.40	....	....	....	....	3.06
Prescott	Ouachita	....	1.15	....	1.11	.48	....	....	....	....	....	.08	....	....	.14	.95	.01	....	....	....	....	....	.17	....	....	.30	....	....	....	....	....	....	4.39
Rison	Ouachita	....	.17	....	.15	1.14	....	.02	....	....	....	....	1.31	....	....	.10	....	....	....	....	....	....	....	....	....	.29	.35	....	....	....	.04	....	3.57
Rogers	White	....	....	....	.41	.16	.07	....	....	....	....	T.	....	1.52	.34	1.51	....	....	....	....	....	12	....	T.	....	.44	....	....	T.	....	....	....	4.57
St. Charles	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Francis	St. Francis	....	T.	....	....	1.71	.11	....	T.	....	T.	....	3.21	.22	2.42	T.	.46	....	....	....	....	.16	....	.27	....	.36	T.	.34	....	T.	....	....	9.26
Searcy	White	....	.45	....	.02	.97	T.	....	.72	T.	....	....	1.80	T.	1.22	.60	.10	....	....	....	....	....	.26	....	....	.04	.03	.05	....	....	....	....	6.26
Springbank	Red	....	T.	....	1 10	.55	....	....	....	....	....	....	....	....	....	.97	.13	.02	....	....	....	.13	.35	T.	....	2.65	.03	.03	....	....	....	....	5.96
Story	Ouachita	....	....	....	.24	1.48	....	....	....	....	....	....	.48	....	1.75	1 34	....	....	....	....	....	.76	.30	.11	....	....	....	....	....	....	....	....	6.46
Stuttgart	Arkansas	....	....	....	....	1.66	....	.18	....	....	....	....	2.70	....	.06	....	.06	....	....	....	....	....	....	....	....	1.81	.09	.24	....	....	.09	....	6.89
Subiaco	Arkansas	....	....	....	.62	18	....	....	....	....	....	....	1.45	.03	1.47	2.22	....	....	....	....	....	.85	....	....	....	....	....	....	.81	....	....	....	7.64
Sunset	Arkansas	....	....	....	.44	.13	....	T	....	....	....	T.	1.81	4.23	2.10	1.70	....	....	....	....	....	.62	....	....	.78	.45	.13	....	....	.01	....	....	12.40
Texarkana	Red	....	.12	....	.93	62	....	....	....	....	....	....	....	....	....	.56	....	....	....	....	....	....	.48	....	....	.27	.05	....	....	....	....	....	3.03
Thornburg	Arkansas	.50	....	....	1.00	.31	....	....	....	....	....	.91	.81	....	1.79	.81	....	....	....	....	....	.03	....	....	....	.65	....	....	T	....	.21	....	7.02
Waldron	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Warren	Ouachita	....	50	....	.50	2.00	....	....	....	....	T.	T.	.30	....	....	....	.15	....	....	....	....	....	....	T.	....	.20	....	.90	....	....	....	....	4.55
Waters	Ouachita	....	....	....	.75	.50	....	....	....	....	....	....	....	....	.86	1.56	....	....	....	....	....	....	.10	....	....	....	.52	.73	....	....	....	....	5.02
Whitecliffs	Red	....	T.	....	.82	.45	....	....	....	....	....	T.	....	....	T.	1.30	.11	....	....	....	....	....	-33	....	T.	.12	.05	....	....	....	....	....	3.18
Wilson	Mississippi	....	.70	....	....	1.90	....	....	1.05	....	....	....	.30	.55	.35	....	.30	....	....	....	....	....	....	.25	....	.25	....	.30	....	....	....	....	5.95
Wynne	St. Francis	....	.77	....	....	2.45	....	....	1.57	....	....	....	.72	.48	.41	....	.16	....	....	....	....	....	....	.08	....	.47	.14	.43	....	....	....	....	7.68
Yancopin	Arkansas	....	.08	....	....	3.71	....	....	....	....	....	.03	4.41	....	....	.08	.04	....	....	....	....	....	....	....	....	....	.08	.92	....	....	....	....	9.35

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	6.1	6.0	5.8	5 8	5.6	5.2	5.1	5.0	4.8	4.8	4.6	4.8	4.9	13.8	18.8	29.1	28.8	25.5	17.0	10.8	8.9	7.2	7.1	6.2	6.0	6.0	5.8	5.5	5.2	5.3	5.3
Calico Rock	do	18	6.0	6.2	5.5	5.3	5.0	4 9	4.8	4.5	3.8	4.1	8.8	3 6	4.7	15.7	28.9	35.9	32.0	27 4	20.3	12.3	9.3	8.1	7.7	6.6	7.2	7.6	6.4	6.2	5.7	4.4	4.9
Batesville	do	23	11.9	12.7	12.1	11.2	11.1	10.6	10.6	10.4	10.0	9.4	9.5	9.3	9.7	14.0	27.7	34.3	36.4	34.0	31.5	24.8	17.9	15.7	14.4	13.4	15.0	12.6	14.8	12.6	11.6	10 8	10.1
Newport	do	26	22.0	21.6	21.2	20.5	20.0	19 5	18.8	18.4	17.9	17.1	16.5	15.8	15.6	15.9	21.3	25.7	29.3	31.7	32 1	31.4	29.7	27.8	26.5	25.6	24.8	24.4	23.9	23.5	22.8	21.8	20.8
Georgetown	do	22	23.4	23.3	23.2	22.9	22.8	22.6	22.3	22.1	21.9	21.6	21.4	21.1	21.1	21.0	21.1	21.5	22.1	23.0	24.6	26.4	27.7	28.2	28.4	28.1	27.6	27.1	26.5	25.8	25.2	24.6	24.0
De Valls Bluff	do	24	23.9	23.9	23 8	23.8	23.8	23.7	23.7	23 4	23.2	22.8	22.7	23.0	22.7	22.5	22.4	22.4	22.5	22.7	23.1	23.9	24.9	25.9	26.5	26.8	26.9	26.8	26.7	26.5	26.2	25.8	25.4
Clarendon	do	30	28.4	28.5	28.5	28.5	28.6	28.6	28 5	28.5	28.4	28.2	28.0	28.2	28.1	27.8	27.6	27.5	27.4	27 4	27.4	27.7	28.2	28.8	29.4	30.0	30.4	30.7	30.9	31.0	30.9	30.8	30.6
Gilbert	Buffalo	30	6.2	6.0	5.0	5.0	5 3	5.1	4.9	4.7	4.5	4.3	4.2	4.3	7.1	20.6	16.4	14.6	7.0	6.6	6.0	5.6	5 2	5.0	5.0	4.6	4.2	5.6	5.1	5.0	4.8	4.6	4.4
Black Rock	Black	14	19.0	18.8	18.8	18.2	17.6	17.1	16.4	16.0	15.5	14.8	14.5	14.6	15.3	17.4	20.7	22.5	22.8	22.4	22 5	22 7	23.0	23.1	23.0	22.6	22.2	22.0	21.3	20.6	19.6	18 8	17.9
Arkadelphia	Ouachita	12	10.2	7.4	5.8	3.8	7.8	6.6	5.4	4.6	4.2	3.2	3.2	3.6	5.0	3.2	8.6	12.0	10.2	9.0	6.2	3.6	3.2	3.0	3.2	3.0	2.8	2.6	2.2	1.8	2.2	0.6	1.0
Camden	Ouachita	26	17.0	21.3	23.7	24.1	23.5	24.0	25.6	25.7	24.7	23.7	21.6	18.3	16.2	16.8	14.6	16.3	20.7	23 8	25.2	25.1	22.9	18 6	15.0	13.0	12.5	11.5	11.0	10.4	9.5	8.8	7.4
Fulton	Red	28	14.6	14.2	13.7	13.1	12.7	12.1	11.6	11.0	10.5	9.7	8.9	8.4	8.0	7.7	7.6	9.7	18.1	21 5	23.2	23.3	22.4	21.8	19.4	18.3	17.4	18.4	21 0	22.4	23.7	24.4	24 4
Helena	Mississippi	44	45.6	45.4	45 0	44 5	44.1	43.2	42.0	40.6	39.0	37.9	37.1	36.8	36.8	37.0	38 0	38.8	39.6	40.4	41.3	42.1	43.1	44.1	45.2	46.3	47.3	48.2	48.9	49.4	49.8	50.1	50.4
Arkansas City	do	48	50.7	50.6	50.5	50.3	50 4	50.1	49.7	49.1	48.5	47.7	46.8	46.1	45.5	44.9	44.5	44.2	44.3	44.9	45.5	46.1	46.9	47.7	48 5	49.3	49.9	50.4	50.9	51.5	51.9	52.3	52.7

Daily temperatures for May, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	79	75	78	58	71	87	87	89	90	86	82	85	88	70	70	75	..	..	..	..	88	84	86	89	84	84	86	85	84	90	86	82.1
	Minimum	64	49	50	51	51	52	58	50	53	71	73	65	66	62	56	54	55	..	..	..	..	67	67	67	67	63	58	59	66	58	59	59.7
Batesville §§	Maximum	78	69	68	61	75	76	79	83	86	84	79	81	84	73	68	79	81	83	76	78	87	84	85	85	84	79	86	86	82	87	85	79.7
	Minimum	57	46	46	45	53	46	54	48	48	73	69	63	64	62	58	54	48	55	57	59	65	65	65	68	67	67	59	56	65	53	54	57.5
Bee Branch	Maximum	81	76	72	65	75	81	83	85	89	88	82	81	85	83	73	80	82	87	89	92	90	87	88	85	82	85	89	89	87	89	87	83.5
	Minimum	58	49	49	50	55	51	60	48	68	72	66	63	72	60	55	53	54	58	58	62	65	65	68	69	68	65	62	55	65	55	60	59.9
Bentonville	Maximum	79	67	73	62	67	81	77	85	86	84	86	78	74	59	67	79	82	83	87	88	80	84	77	79	72	77	83	82	77	78	81	77.9
	Minimum	49	44	46	49	52	47	59	52	66	62	67	67	56	50	53	49	55	61	64	64	62	59	66	64	64	60	56	60	57	57	54	57.1
Blytheville	Maximum	82	75	64	67	75	78	75	83	84	81	80	83	86	79	78	80	84	88	92	93	91	88	87	86	88	81	85	88	84	88	85	82.5
	Minimum	70	48	48	52	59	53	59	53	63	65	69	63	71	64	60	55	56	59	61	68	68	68	66	68	69	70	65	60	67	55	60	61.7
Booneville	Maximum	87	75	73	68	78	86	85	89	92	86	87	82	86	76	71	80	85	88	90	92	89	86	85	88	78	85	87	91	84	87	84	83.9
	Minimum	61	46	50	51	54	50	68	48	74	75	73	66	72	57	56	52	55	59	61	63	64	64	72	67	67	64	59	60	65	57	56	60.8
Brinkley	Maximum	82	74	72	66	78	82	85	86	87	85	83	85	87	81	80	82	84	89	92	93	92	92	90	90	88	81	87	90	87	89	87	84.7
	Minimum	70	49	48	53	58	53	61	50	71	75	64	63	72	67	60	57	55	56	59	66	64	67	65	68	66	69	65	59	67	54	62	61.7
Calico Rock§§	Maximum	83	69	71	61	77	59	82	86	90	88	86	80	85	67	70	80	74	85	87	92	88	85	87	83	82	82	86	90	80	86	83	81.4
	Minimum	56	49	46	46	52	47	50	45	45	69	70	65	66	60	56	55	53	54	56	58	66	65	65	68	72	65	59	57	64	55	54	57.7
Camden§§	Maximum	86	85	88	83	83	87	88	89	89	87	88	88	90	89	86	85	89	90	92	93	90	93	92	91	90	88	88	92	90	90	86	88.5
	Minimum	66	49	51	53	52	53	56	52	58	73	73	68	70	72	66	61	54	54	57	63	66	68	66	71	64	65	59	59	66	58	59	61.4
Carthage §§	Maximum	77	76	75	59	78	84	86	88	88	87	86	86	88	75	80	82	85	86	91	90	89	89	89	87	83	84	86	88	83	90	85	83.9
	Minimum	62	47	50	52	51	50	52	49	53	73	73	64	67	67	59	55	52	52	55	62	63	67	65	70	66	66	58	57	66	55	59	59.3
Center Point	Maximum	85	81	75	74	77	86	86	90	90	85	82	87	90	85	72	85	87	90	92	94	85	87	89	91	80	87	91	93	88	92	88	85.9
	Minimum	63	49	55	53	56	53	68	53	72	74	74	68	72	64	57	53	60	62	64	68	67	68	70	69	65	65	58	60	70	60	60	62.9
Conway	Maximum	85	73	73	76	78	82	87	87	89	87	84	85	88	84	72	81	84	88	90	92	89	87	89	86	88	86	87	90	84	89	88	84.8
	Minimum	61	51	49	52	57	52	62	49	71	75	65	64	74	63	57	54	56	58	61	64	66	67	68	70	69	67	64	61	66	58	60	61.6
Corning	Maximum	83	73	65	64	74	78	78	83	87	82	79	81	85	78	69	79	83	86	89	91	91	84	88	84	85	81	86	88	84	87	85	81.6
	Minimum	67	49	54	52	55	51	58	52	66	61	70	62	74	62	57	53	55	59	59	63	65	65	64	69	68	69	63	62	63	56	57	60.6
Crossett §§	Maximum	82	77	79	72	81	83	89	91	90	89	88	90	90	91	87	84	87	89	92	93	91	90	92	90	89	88	90	91	88	88	88	87.4
	Minimum	67	54	54	60	58	55	53	56	62	75	75	69	72	73	71	65	59	57	60	69	66	66	68	72	68	68	61	65	68	62	64	64.3
Dardanelle	Maximum	81	72	72	68	76	81	84	87	89	86	82	83	86	82	79	79	82	86	90	91	88	84	87	86	79	82	85	88	83	85	83	82.8
	Minimum	60	50	49	52	56	52	64	50	73	74	67	64	75	61	56	55	55	59	60	63	66	65	69	70	69	64	62	60	67	59	61	61.5
Dumas	Maximum	82	78	75	70	78	87	87	90	90	91	86	89	90	81	89	83	84	89	95	95	95	93	96	93	91	80	88	93	82	90	85	86.9
	Minimum	71	53	52	55	60	55	64	56	70	74	74	63	71	71	69	63	57	56	61	70	65	68	68	71	70	68	62	60	66	58	62	64.0
El Dorado	Maximum	85	77	78	74	81	88	87	89	89	88	88	89	90	86	85	83	86	89	92	92	90	89	90	88	82	82	82	91	84	89	88	86.2
	Minimum	66	52	56	56	58	57	69	56	72	76	76	72	73	73	71	64	60	60	61	71	70	69	70	65	67	68	64	64	69	64	64	65.6
England	Maximum	81	73	76	67	72	82	85	86	87	..	85	85	82	81	..	82	85	87	91	92	90	89	89	88	84	80	85	..	..	90	85	83.7
	Minimum	68	51	50	52	57	53	60	53	68	..	64	64	72	67	..	58	57	59	61	70	67	68	68	71	69	68	60	..	..	57	62	62.0
Eureka Springs	Maximum	79	67	73	68	66	83	78	84	86	85	86	80	78	60	67	80	83	83	87	88	81	83	81	80	73	78	82	83	79	81	84	78.9
	Minimum	61	43	45	48	52	45	66	55	71	62	67	65	59	50	52	49	56	59	65	66	62	60	69	64	64	63	56	62	55	59	54	58.2
Fayetteville	Maximum	77	66	75	71	66	80	79	84	83	84	85	80	76	60	68	76	80	83	85	87	84	85	79	78	76	78	82	82	77	80	81	78.3
	Minimum	61	44	46	49	52	46	65	48	72	64	71	65	60	51	53	47	53	60	68	67	67	59	71	63	65	63	56	59	57	54	52	58.3
Fort Smith	Maximum	83	73	73	64	72	85	79	91	91	88	88	82	82	64	70	79	85	89	92	92	77	88	84	81	73	82	86	90	82	85	85	81 8
	Minimum	54	48	52	51	56	54	65	54	75	73	71	66	62	57	56	53	59	68	65	68	64	65	65	65	68	66	62	64	66	61	60	61.7
Gravette	Maximum	77	78	72	69	68	71	81	85	85	84	85	80	76	60	69	79	80	82	86	88	83	82	79	78	73	77	84	82	78	80	82	78.5
	Minimum	53	52	42	47	45	45	45	48	68	61	63	64	56	48	51	47	48	50	53	65	64	59	69	60	63	60	54	61	61	54	52	55.1
Harrison	Maximum	82	67	70	64	71	83	81	84	89	86	88	78	78	66	70	79	83	89	91	90	91	85	85	85	77	81	87	88	83	82	81	81.1
	Minimum	..	46	47	48	53	47	62	55	68	66	..	.	65	52	52	52	.	59	70	68	60	65	64	63	64	68	62	63	61	60	60	59.3
Helena	Maximum	80	73	72	65	75	80	82	84	83	86	80	84	83	84	81	77	80	85	90	91	88	91	87	90	88	81	81	90	79	86	81	82.5
	Minimum	70	50	50	52	58	54	63	52	70	73	61	63	71	70	66	61	55	61	68	70	66	65	67	70	70	69	64	61	64	55	61	62.9
Highland	Maximum	86	76	80	75	74	76	82	88	88	86	88	87	88	81	73	84	86	88	90	91	89	88	91	90	80	85	90	92	87	90	89	85.1
	Minimum	68	49	52	50	52	62	59	55	72	73	69	65	60	59	57	54	58	56	64	68	67	65	70	69	64	59	64	65	69	58	61	61.7
Hope	Maximum	78	79	78	67	79	90	87	90	89	89	..	90	91	81	77	85	86	91	96	96	91	94	93	90	81	84	90	95	86	89	89	86.7
	Minimum	68	51	53	53	57	54	65	52	73	74	..	71	71	66	60	56	55	56	60	68	67	68	69	67	65	63	59	60	69	59	59	62.3
Hot Springs	Maximum	82	81	81	75	78	90	90	91	91	88	84	83	89	88	74	84	88	89	91	93	93	92	89	89	88	86	88	90	88	90	87	86.8
	Minimum	67	50	53	51	56	52	66	52	72	74	67	64	72	63	56	55	55	56	61	70	67	66	69	70	64	64	60	61	68	57	60	61.9
Jonesboro	Maximum	78	74	65	64	75	79	75	84	85	82	80	82	86	88	72	79	83	87	91	92	91	89	88	88	87	82	85	89	83	88	84	82.4
	Minimum	71	49	50	53	57	55	60	51	70	61	71	61	73	66	58	55	56	60	63	69	68	67	66	69	69	69	65	66	66	58	63	62.4
Lead Hill	Maximum	85	68	74	64	72	85	84	88	91	89	91	81	79	67	71	83	85	90	92	94	86	88	88	84	78	82	87	85	82	84	86	82.7
	Minimum	57	46	42	50	53	46	59	44	66	65	68	64	65	53	54	48	50	58	55	59	66	62	64	65	66	62	54	55	58	54	52	56.8
Little Rock	Maximum	76	70	71	59	76	80	85	87	86	85	79	84	87	77	69	78	81	86	89	90	87	86	87	85	84	79	83	87	80	86	82	81.3
	Minimum	60	53	54	52	57	55	62	54	72	75	64	66	73	63	56	58	60	62	66	69	69	68	70	68	69	65	63	64	67	60	64	63.2
Lurton	Maximum	82	..	..	61	75	82	88	83	90	86	80	77	81	78	69	78	80	82	84	84	85	82	80	84	73	75	80	84	75	82	83	80.1
	Minimum	60	..	..	43	43	49	60	56	66	66	64	60	66	51	50	51	59	57	63	67	60	60	64	64	64	61	57	60	56	58	56	58.3
Lutherville	Maximum	84	71	71	64	71	77	80	86	89	84	84	78	82	74	71	82	80	86	89	90	82	84	85	84	78	80	83	89	82	85	82	80.9
	Minimum	61	45	50	49	53	51	63	49	71	71	65	63	71	53	54	50	50	58	61	67	64	63	69	65	66	63	58	59	64	57	60	59.5
Magnolia	Maximum	83	77	..	79	79	87	87	88	89	88	88	89	90	87	83	82	86	90	87	..	..	..	..	93	81	84	87	91	83	88	85	85.8
	Minimum	67	50	..	54	56	56	68	55	73	75	75	74	72	72	64	63	58	59	60	..	..	..	..	66	66	65	61	61	68	62	63	64.0
Malvern	Maximum	83	79	78	70	79	86	86	89	90	86	82	85	89	83	72	84	85	90	91	92	88	89	89	91	83	85	88	91	86	91	88	85.4
	Minimum	62	48	50	52	57	50	63	48	71	74	68	64	73	63	57	53	52	55	57	62	63	67	69	73	67	65	58	57	69	56	57	60 6
Mammoth Spring	Maximum	82	68	63	60	73	75	79	82	88	81	82	78	82	78	70	77	80	82	86	89	85	83	85	79	80	78	82	84	80	81	83	79.2
	Minimum	54	47	52	50	54	49	56	46	69	65	69	63	65	59	55	50	53	57	57	59	63	67	66	65	68	67	59	58	62	55	56	58.5
Marianna	Maximum	80	78	70	68	76	80	83	83	83	86	84	85	85	85	82	80	85	85	90	89	90	89	88	87	88	85	83	88	85	87	89	83.7
	Minimum	65	54	57	55	60	57	54	55	70	75	65	65	73	67	58	62	59	61	65	69	69	68	68	70	70	69	66	65	64	60	69	64.0
Marked Tree§§	Maximum	81	67	68	64	74	80	76	83	83	83	82	83	85	72	80	80	83	87	91	92	91	89	89	89	87	78	84	88	82	87	83	82.0
	Minimum	68	50	51	53	53	54	55	52	52	72	73	64	63	66	63	57	55	59	61	62	69	67	65	67	66	69	65	63	68	58	63	61.4
Marshall	Maximum	84	74	66	66	70	78	79	82	86	86	81	78	78	70	69	77	78	78	83	83	83	81	81	81	79	77	84	82	77	78	79	78.3
	Minimum	64	44	41	46	51	45	64	43	48	65	67	61	65	54	52	49	53	55	62	61	64	62	66	65	65	61	54	56	58	52	50	56.2
Mena	Maximum	84	74	73	66	75	86	82	88	87	85	80	80	84	78	68	82	86	87	89	89	87	84	83	85	71	82	85	88	80	86	82	81.8
	Minimum	66	45	48	51	54	50	66	48	71	73	73	67	72	58	55	48	52	57	61	68	65	65	70	64	64	63	56	60	56	57	62	60.2
Morrillton §§	Maximum	78	72	70	58	75	78	83	85	86	82	80	80	84	70	70	78	80	83	81	87	83	82	85	84	79	83	87	86	82	87	83	80.0
	Minimum	62	52	51	51	52	53	58	51	58	72	74	64	64	62	57	57	58	60	62	65	67	67	68	71	69	67	63	62	65	60	63	61.5
Mountain Home	Maximum	87	67	77	60	73	79	82	85	89	85	88	78	81	67	68	79	83	86	89	92	85	84	86	80	80	81	85	86	78	82	80	80.7
	Minimum	57	46	45	49	53	47	60	46	70	65	68	63	61	54	54	48	53	62	57	60	63	64	65	65	68	61	57	57	60	55	56	57.7
Mount Ida	Maximum	85	76	74	69	77	85	85	89	89	85	81	84	86	82	71	81	84	86	89	89	81	83	85	87	77	84	85	88	83	88	84	83.0
	Minimum	55	46	42	51	55	46	43	43	73	74	72	65	73	61	64	48	46	50	50	60	60	63	66	65	63	59	54	55	65	52	51	57.1
Newport	Maximum	80	72	68	63	75	77	76	82	85	83	79	81	85	79	71	78	82	86	89	90	89	90	87	86	87	81	86	88	83	88	85	81.6
	Minimum	66	50	49	53	57	53	59	51	69	70	68	54	74	64	58	55	58	60	63	67	69	68	67	70	69	70	64	63	67	58	63	62.5
Pine Bluff	Maximum	80	74	75	68	78	82	85	87	88	88	81	86	87	83	81	79	82	86	90	90	89	88	88	87	86	79	81	88	81	87	84	83.5
	Minimum	70	52	55	55	58	55	68	55	74	76	66	64	74	69	65	61	59	59	63	71	68	69	69	73	69	69	61	63	69	60	66	64.7
Pocahontas	Maximum	84	74	66	62	74	75	75	82	87	84	80	80	84	81	69	72	82	86	88	90	88	85	86	84	84	81	86	87	90	87	84	81.2
	Minimum	64	46	50	51	54	50	56	46	65	61	70	62	72	60	55	50	50	57	59	61	65	66	64	67	68	68	60	58	61	55	60	59.1
Portland	Maximum	86	76	76	70	81	84	88	90	89	89	89	90	90	90	89	83	84	87	93	92	91	89	92	88	91	79	87	90	89	88	86	86.6
	Minimum	68	55	53	59	59	56	66	57	71	74	74	67	71	71	70	66	59	57	61	68	65	68	67	69	70	68	67	60	64	61	64	64.7
Prescott	Maximum	80	80	78	73	80	89	88	91	91	88	88	89	90	87	78	83	87	90	93	93	92	87	89	90	85	85	89	92	85	90	87	86.7
	Minimum	66	50	53	52	57	54	65	52	72	74	73	68	72	65	59	56	60	60	59	66	67	67	69	71	66	65	59	61	71	62	59	62.9
Rison	Maximum	88	75	76	71	81	85	88	88	90	92	85	87	92	89	85	81	85	88	93	89	91	87	88	87	83	81	80	86	86	84	83	85.3
	Minimum	67	49	51	52	56	54	63	52	66	72	72	62	71	69	64	59	56	56	60	68	66	66	67	70	67	67	57	60	66	56	59	61.9
Searcy	Maximum	84	72	68	64	75	69	83	83	85	82	80	82	85	81	72	79	82	85	88	89	87	86	86	85	85	78	85	87	83	87	83	81.6
	Minimum	62	48	49	52	57	52	58	49	70	74	64	63	72	62	57	55	55	57	60	62	65	65	65	69	69	68	63	59	67	56	61	60.8
Stuttgart	Maximum	79	74	77	68	78	83	85	82	87	86	80	86	87	78	81	82	84	87	92	91	91	90	89	83	82	80	84	88	81	88	86	83.5
	Minimum	71	52	51	53	59	55	63	54	70	75	64	64	71	69	61	59	59	60	64	69	68	69	68	67	69	69	62	63	68	59	62	63.5
Subiaco	Maximum	85	74	75	66	70	85	83	89	91	88	88	82	86	72	72	82	86	88	92	92	83	86	86	86	77	84	88	92	85	86	87	83.4
	Minimum	57	48	49	50	55	51	62	50	67	72	70	63	71	58	55	52	50	60	63	66	60	61	71	66	67	65	61	59	64	58	58	60.0
Sunset	Maximum	75	67	71	62	65	77	76	80	83	79	80	72	72	72	65	76	76	80	82	83	75	77	74	78	70	75	80	82	74	77	79	75.3
	Minimum	57	42	42	47	50	49	64	56	66	70	70	58	54	51	50	51	60	60	65	68	60	61	67	61	62	60	59	64	56	56	58	57.9
Texarkana	Maximum	86	80	78	67	79	87	86	88	90	86	86	88	89	81	74	82	86	89	91	92	87	86	88	88	77	86	87	90	87	89	87	85.1
	Minimum	67	48	55	53	53	55	63	53	64	72	68	71	73	65	58	57	61	62	62	65	67	65	66	67	63	63	64	63	65	60	57	62.1
Thornburg	Maximum	82	72	74	63	75	81	84	86	87	82	80	81	86	80	67	81	83	85	88	88	85	83	85	86	86	83	86	88	81	87	83	81.9
	Minimum	66	48	41	50	50	44	42	41	71	71	64	62	72	60	55	48	45	63	55	60	62	63	66	65	66	62	58	58	62	50	50	57.1
Wilson	Maximum	83	77	65	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85	82.5
	Minimum	71	50	50	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62	62.5
Wynne	Maximum	81	75	69	63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82	82.3
	Minimum	70	49	48	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59	61.0

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark. 6-22-33-1100

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

HARVEY S. COLE, Meteorologist

Vol. XXXVIII Little Rock, Ark., June, 1933 No. 6

GENERAL SUMMARY

This was the third driest June during the past 43 years, June 1930 with a State average of only 0.87 inch being the driest and June 1914 with an average of 1.00 being next. Rainfall was lightest in northwestern border counties where two stations reported no rain during the month and several other amounts of less than 0.25 inch. Showers occurred on an average of only 3 days. From the 10th to the 12th, a number of stations had an inch or more of rain and several over an inch about the 27th but the distribution was irregular and the rainfall generally local. The average precipitation for the State for the 93 stations reporting was 1.30 inches which is 2.71 inches below the mean for the past 43 years. All stations with records of 10 years or more had negative departures. Monthly amounts ranged from none at Cotter and Mountain Home to 3.61 inches at Freeman Springs. Only 6 stations had monthly amounts of over 3.00 inches while 12 had less than 0.25 inch and 34 others less than 1.00 inch . The greatest amount measured in any 24-hour period was 3.43 inches at Brinkley on the 13th.

Temperatures were generally above normal from the 3d to the 11th and again from the 19th to the close of the month, while they were below normal in all sections from the 13th to the 17th. The average temperature for the State, based on the reports of 63 stations, was 78.4° which is 1.4° above the mean for the past 43 years. Of the stations for which normals have been computed, eight, located mostly in the southern half of the State, had negative departures, all others positive. Monthly means ranged from 73.0° at Dutton to 82.5° at Highland. The highest temperature recorded was 107° at Subiaco on the 23d and at both Booneville and Subiaco on the 25th; the lowest, 40° at Dutton on the 13th and at Thornburg on the 14th.

The weather during the first half of June was favorable for cotton in all sections. The crop is late but in the lowlands it has grown under conditions which were mostly favorable. In most portions of the uplands the soil was too dry the latter part of the month for good growth. The high temperatures and the light rainfall during the latter part of the month were unfavorable for most crops. Early corn has been badly damaged except in localities where heavy showers occurred. In some sections the early crop is a failure and in most portions poor. The soil was too dry in the northwestern portion of the State for resetting tomato plants and the commercial crop was badly damaged. Meadows, pastures, fruit, and truck crops were needing rain badly by the close of the month in most sections.

Unusual Phenomena

Tornado:---Near Mena, 25th, 3 p. m., from west, path narrow, property damage $500.

Windstorms:---Arkadelphia, 23d, $2,000 damage to barns, houses, and timber. Hope, 24th, considerable damage to buildings. Arkadelphia, 26th, $2,000 damage to buildings and contents. Greenbrier, 26th, considerable damage to houses, barns, and timber.

Heavy Hail:---Arkadelphia, 26th, $2,000 damage to crops.

Moderate Hail:---On 12th, Arlberg, Center Point, and Hope, no damage.

Killed by Lightning:---Near Marianna, 12th, one; near McNab, 26th, one.

AUG 1933

Correction: May, 1933

Mean temperature for Bee Branch should be 71.7°; departure from normal +3.4°.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog			1													1															
Light Hail										1	1	1											1			1					
Moderate Hail												3																			
Heavy Hail																										1					
Thunderstorms									1	10	27	30	1								17	8	20	16	15	39	21	2	1	2	

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29.96	30.30	14	29.70	23	5.3	16	ne	12	....	....	....	92
Fort Smith	29.97	30.30	15	29.70	23	6.3	31	sw	26	75	45	42	79
Little Rock	30.00	30.33	15	29.76	23	7.0	21	s	23	73	41	46	88
Memphis	30.00	30.31	15	29.78	22	6.4	32	n	26	68	47	48	82

COMPARATIVE DATA FOR JUNE

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	+0.9	103	56	3.71	−0.30	7.65	0.62	0.0	17	11	11	8
1892	76.9	−0.1	103	40	3.87	−0.14	6.90	0.72	0.0	8	16	10	4
1893	76.3	−0.7	99	49	5.20	+1.19	10.94	1.14	0.0	9	12	12	6
1894	76.6	−0.4	106	42	1.39	−2.62	3.93	T	0.0	4	17	10	3
1895	76.9	−0.1	100	47	5.94	+1.93	13.06	1.15	0.0	10	12	10	8
1896	77.7	+0.7	103	48	1.91	−2.10	4.65	0.10	0.0	5	14	10	6
1897	78.0	+1.0	106	41	3.46	−0.55	6.90	0.60	0.0	6	12	13	5
1898	78.7	+1.7	100	60	4.86	+0.85	11.15	1.85	0.0	11	8	14	8
1899	77.3	+0.3	102	50	2.74	−1.27	5.90	0.20	0.0	6	13	12	5
1900	76.6	−0.4	100	43	7.10	+3.09	16.11	3.05	0.0	13	7	14	9
1901	79.4	+2.4	110	41	1.44	−2.57	4.13	0.25	0.0	4	16	12	2
1902	77.5	+0.5	105	42	5.27	+1.26	9.28	0.59	0.0	6	16	9	5
1903	70.5	−6.5	99	37	2.53	−1.48	8.01	0.45	0.0	7	13	10	7
1904	75.3	−1.7	99	50	7.14	+3.13	12.03	2.42	0.0	10	11	13	6
1905	77.9	+0.9	104	44	5.90	+1.89	21.55	1.28	0.0	10	12	10	8
1906	76.2	−0.8	101	44	4.60	+0.59	10.73	1.05	0.0	8	14	11	5
1907	75.2	−1.8	103	39	4.48	+0.47	10.38	1.40	0.0	8	14	11	5
1908	76.0	−1.0	98	46	3.85	−0.16	8.83	0.61	0.0	8	13	11	6
1909	76.9	−0.1	104	49	4.08	+0.07	8.68	1.26	0.0	10	12	12	6
1910	74.1	−2.9	99	44	4.85	+0.84	8.54	1.01	0.0	10	12	13	5
1911	80.9	+3.9	106	47	2.53	−1.48	5.68	0.27	0.0	6	16	11	3
1912	73.1	−3.9	97	42	5.83	+1.82	9.54	2.40	0.0	9	11	12	7
1913	77.0	0.0	103	39	1.68	−2.33	6.34	0.14	0.0	4	16	11	3
1914	82.3	+5.3	109	52	1.00	−3.01	3.77	0.00	0.0	2	19	10	1
1915	76.0	−1.0	106	45	4.92	+0.91	8.67	1.23	0.0	9	12	9	9
1916	75.4	−1.6	99	43	5.15	+1.14	9.48	2.64	0.0	8	12	10	8
1917	75.2	−1.8	105	37	4.87	+0.86	8.99	0.98	0.0	6	18	7	5
1918	80.5	+3.5	110	49	3.55	−0.46	12.07	0.50	0.0	7	15	9	6
1919	76.9	−0.1	101	45	5.11	+1.10	9.80	2.07	0.0	10	11	10	9
1920	74.7	−2.3	101	42	3.41	−0.60	8.26	0.63	0.0	6	19	6	5
1921	78.5	+1.5	103	46	4.84	+0.83	12.03	1.41	0.0	11	12	10	8
1922	78.6	+1.6	104	44	2.64	−1.37	6.35	0.32	0.0	7	16	8	6
1923	76.7	−0.3	99	46	5.20	+1.19	12.14	1.50	0.0	9	13	11	6
1924	78.5	+1.5	105	42	3.64	−0.37	9.90	0.27	0.0	8	15	6	9
1925	82.3	+5.3	108	46	2.08	−1.93	6.66	0.12	0.0	4	17	9	4
1926	76.6	−0.4	104	42	2.60	−1.41	6.08	0.79	0.0	6	17	8	5
1927	76.3	−0.7	104	43	6.50	+2.49	14.57	2.70	0.0	9	13	8	9
1928	73.5	−3.5	100	40	9.44	+5.43	17.16	4.08	0.0	13	8	9	13
1929	76.2	−0.8	102	41	3.68	−0.33	8.05	0.02	0.0	7	17	8	5
1930	76.4	−0.6	107	39	0.87	−3.14	6.20	0.00	0.0	2	22	6	2
1931	78.3	+1.3	107	35	2.60	−1.41	6.03	0.36	0.0	6	19	8	3
1932	78.9	+1.9	103	50	4.86	+0.85	9.15	0.75	0.0	10	12	11	7
1933	78.4	+1.4	107	40	1.30	−2.71	3.61	0.00	0.0	3	22	6	2
Period	77.0	......	110	35	4.01	......	21.55	0.00	0.0	8	14	10	6

Daily River Stages for June, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.4	10.3	9.4	8.3	7.3	6.9	6.5	6.3	5.9	5.7	5.6	5.4	5.3	6.0	5.8	5.3	4.8	4.7	4.4	4.3	4.3	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.8	3.7	
Ozark	do	22	8.2	7.5	7.1	6.5	5.2	4.3	3.5	3.3	3.0	2.8	2.5	2.4	2.3	2.2	2.6	2.5	2.2	1.8	1.7	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.7	
Dardanelle	do	22	11.0	10.0	9.6	9.1	8.3	7.6	6.9	6.5	6.3	6.0	5.8	5.7	5.8	5.7	5.5	5.7	5.6	5.3	5.1	5.0	4.8	4.6	4.5	4.5	4.3	4.3	4.2	4.2	4.1	4.1	
Morrilton	do	20	8.9	8.1	7.3	6.8	6.0	4.9	4.0	3.3	2.8	2.5	2.2	2.0	1.7	2.0	1.6	1.8	1.8	1.7	1.1	0.8	0.7	0.5	0.4	0.2	0.0	0.0	-0.1	-0.2	-0.3	-0.4	
Little Rock	do	23	9.1	9.1	7.8	7.0	6.5	5.6	4.7	4.0	3.4	3.0	2.7	2.5	2.4	2.1	2.2	1.9	1.9	1.9	1.8	1.5	1.2	1.0	0.9	0.9	0.7	0.5	0.5	0.5	0.4	0.3	
Pine Bluff	do	25	14.2	13.8	13.4	12.6	12.0	11.6	10.7	10.1	9.4	8.8	8.6	8.2	7.9	7.6	7.4	7.4	7.3	7.3	7.3	7.2	6.9	6.7	6.4	6.2	6.0	5.9	5.8	5.6	5.6	5.4	
Yancopin	do	29	39.7	39.8	40.0	40.0	40.0	39.9	39.8	39.5	39.1	38.7	38.0	37.2	36.2	35.0	33.7	32.2	30.5	28.5	26.3	24.2	22.4	20.5	18.7	16.8	15.2	13.8	12.7	11.8	11.1	10.5	
Danville	Petit Jean	20	4.1	3.7	3.5	3.1	2.9	2.7	2.5	2.4	2.3	2.2	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	

Climatological Data for June, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	79.8	+ 2.7	104	21	50	16	40	1.87	−3.03	1.07	0.0	5	12	17	1	ne.	J. W. Campbell
Arkadelphia	Clark	250	38	....	....	....	....	....	....	....	2.79	−2.00	1.33	0.0	4	26	4	0	se.	W. K. Bown
Arkansas City	Desha	145	49	....	....	....	....	....	....	....	0.99	−2.87	0.83	0.0	2	23	3	4	....	Herbert Neff
Arlberg	Stone	700	11	....	....	....	....	....	....	....	3.41	−1.79	2.31	0.0	2	19	11	0	ne.	J. D. Reeves
Batesville	Independence	277	34	76.3	+ 1.1	100	21†	44	16	41	2.59	−1.42	1.69	0.0	3	22	6	2	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	78.8	+ 2.1	103	22	48	16	40	1.88	−2.40	1.10	0.0	4	25	2	3	s.	J. E. Scanlan
Bentonville	Benton	1303	28	77.1	+ 3.7	100	25	47	14	35	0.14	−5.18	0.14	0.0	1	20	7	3	sw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	3	....	....	....	....	....	....	....	1.03	....	0.75	0.0	2	27	2	1	....	C. J. Brooks
Black Rock	Lawrence	259	32	....	....	....	....	....	....	....	0.54	−3.34	0.36	0.0	2	26	2	2	s	Vernon C. Howe
Blytheville	Mississippi	252	5	79.3	....	102	21	46	15	39	0.19	....	0.12	0.0	3	25	5	0	s.	Samuel Norris
Booneville	Logan	465	19	79.2	+ 1.8	107	25	49	15	44	2.31	−2.10	1.62	0.0	6	19	10	1	e.	F. H. Randolph
Brinkley	Monroe	205	46	78.4	+ 0 6	100	20†	49	16	39	3.50	−0.07	3.43	0 0	2	24[b]	2[b]	2[b]	sw.	R. J. Torry
Calico Rock	Izard	361	29	78.0	+ 2 2	103	21†	45	14	43	0.37	−3.68	0.25	0.0	2	27	2	1	se.	E. R. Wiseman
Camden	Ouachita	158	48	78.2	0.0	101	22	47	16	41	1.48	−2.86	0.63	0.0	4	24	4	2	se.	J. M. Knight
Carthage	Dallas	....	28	77.1	....	102	22	45	15†	40	0.67	−3.30	0.39	0.0	3	22	8	0	s.	P. K. Wylie
Center Point	Howard	470	34	80.6	+ 2.0	105	25	52	16	38	0.97	−3.22	0.67	0.0	4	24	6	0	se.	John C. Floyd
Clarendon	Monroe	172	29	....	....	....	....	....	....	....	0 32	−3.23	0.25	0.0	3	25	1	4	s.	J. W. Bishop
Clinton	Van Buren	516	12	....	....	....	....	....	....	....	1.03	−2.52	0.75	0.0	4	21	5	1	n.	A. L. Stephens
Conway	Faulkner	309	50	79 4	+ 1 3	102	22†	50	15†	37	0.79	−3.20	0 56	0.0	5	25	3	2	s.	E. E. Cordrey
Corning	Clay	293	40	78.7	+ 3.0	102	23	44	15	44	1.17	−3.04	1.12	0.0	2	25	5	0	sw.	Winfred D. Polk
Cotter	Baxter	408	6	....	....	....	....	....	....	....	0.00	....	0.00	0 0	0	23	6	1	sw.	O. B. McSpadden
Crosset	Ashley	175	21	78.2	....	100	21†	50	15	36	0.80	−3.94	0.45	0.0	2	23	5	2	ne.	G. A. Gifford
Danville	Yell	327	17	....	....	....	....	....	....	....	0.35	| 4.10	0.20	0 0	2	16	14	0	s.	J. M. Patterson
Dardanelle	Yell	330	47	79.0	+ 0.7	101	23	50	15†	39	0.91	−2.79	0.48	0.0	2	15	13	2	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	6	....	....	....	....	....	....	....	1 88	....	0.95	0.0	4	25	4	1	....	H. G. Pate
Dumas	Desha	162	28	80.0	+ 1 0	103	20†	49	15†	42	0.17	−3.62	0.14	0.0	2	17	10	3	s.	Ben Johnson
Dutton	Madison	1590	30	73.0	+ 1.4	100	24	40	13	43	2.70	−2.86	1 94	0.0	2	26	3	1	s.	J. M. Ricketts
El Dorado	Union	270	33	80.0	+ 0 6	102	22	53	15	33	2 82	−1.07	1.77	0 0	3	18	10	2	e.	J. J. Babb
England	Lonoke	229	26	79.4[a]	+ 1.2	102[a]	20	49[a]	15	39[a]	0.49	−3.19	0.38	0.0	4	25[a]	4[a]	0[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	79.4	+ 5 4	102	23†	47	14	34	0.20	−5 55	0.14	0.0	2	23	6	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	77 8	+ 3 6	104	23	48	15	41	0.18	−4.34	0.16	0.0	2	23	6	1	sw.	University of Arkansas
Fort Smith	Sebastian	457	52	80.8	+ 3.3	104	25	57	14	32	0.72	−3.00	0.46	0.0	4	21	5	4	ne.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2210	9	....	....	....	....	....	....	....	3.61	....	3 34	0.0	3	26	2	2	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	....	....	....	....	....	....	....	1.03	−2.80	0.78	0.0	3	25	3	2	....	T. J. Logan
Georgetown	White	200	21	....	....	....	....	....	....	....	1.23	−3.09	1.05	0.0	2	22	5	3	....	W. R. Owens
Gilbert	Searcy	675	9	....	....	....	....	....	....	....	1.49	....	1.04	0.0	4	25	3	2	....	S. G. Battenfield
Grannis	Polk	900	14	75.2	+ 0 2	103	22	45	16	40	1 80	−3.09	1 75	0.0	2	21	8	1	e.	W. E. McVay
Gravette	Benton	1250	36	77 8	+ 4 4	104	25	45	14	38	0 82	−4.82	0.33	0.0	3	24	6	0	sw.	A. F. Stevens
Harrison	Boone	1052	33	78.8[b]	+ 5.8	105	24	47[c]	16	43[c]	0.80	−3.40	0.79	0.0	2	27	1	2	sw.	Louis R. Keck
Helena	Phillips	250	61	77.5	− 0.8	101	29	49	14	32	3.47	−0.42	2.20	0.0	4	18	8	4	sw.	James A. Burnett
Higden	Cleburne	445	14	....	....	....	....	....	....	....	2.12	−2.08	1.05	0.0	4	24	6	0	sw.	Trumon Brown
Highland	Pike	....	14	82 5	....	105	22†	59	3	32	0.95	−3.12	0.51	0.0	2	19	10	1	s.	J. O. Cooley
Hope	Hempstead	377	63	80.0	+ 1.2	103	22†	49	16	39	2.54	−1.24	1.54	0.0	3	26	3	1	s.	N. P. O'Neal
Hot Springs	Garland	600	42	79.6	+ 1.8	101	22†	51	15	36	3.55	−1.04	2.04	0.0	6	21	7	2	....	National Park Service
Index.‡‡	Little River	275	8	....	....	....	....	....	....	....	0.12	....	0.09	0.0	2	27	2	1	....	H. G. Sanderson
Jessieville	Garland	750	7	....	....	....	....	....	....	....	2.06	....	1.30	0.0	3	18	8	4	....	U. S. Forest Service
Jonesboro	Craighead	345	38	80.1	+ 2.6	102	22	51	15	35	0.55	−3.38	0.27	0.0	3	26	3	1	sw.	Benedictine Sisters
Lead Hill	Boone	650	27	77.6	+ 2 7	104	22	41	14	46	0.20	−4.59	0.20	0 0	1	24	4	2	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	79 4	+ 2.0	100	22	55	16	29	0.99	−2.77	0.88	0.0	4	19	8	3	sw.	U. S. Weather Bureau
Lurton	Newton	2100	7	77.0[d]	....	97[d]	25	49[d]	14	38[d]	....	....	....	0.0	..	21[d]	2[d]	3[d]	s.	Miss Mary Sutton
Lutherville‡‡	Johnson	775	34	79 2	+ 3.4	104	22	52	16	42	0.96	−3.41	0.57	0.0	3	21	6	3	se.	H. G. Leunardt
Madison	St. Francis	....	3	....	....	....	....	....	....	....	0.58	....	0.43	0.0	2	27	0	3	....	J. W. Eppes
Magnolia	Columbia	315	17	78 9	− 0 1	100	21†	50	16	36	0.40	−3.10	0.35	0.0	2	13	15	2	e.	State Agri. School
Malvern	Hot Springs	277	47	79.0	+ 1.2	105	22	47	15	41	0.94	−3.22	0.53	0.0	3	27	3	0	se.	Mrs. W. L Matthews
Mammoth Spring	Fulton	600	29	76.6	+ 2 4	100	21	41	14	39	1.45	−3.02	1.20	0.0	3	25	3	2	s.	S. F. Whittaker
Marianna	Lee	235	21	79.5	+ 1.2	100	20	51	14	33	1.96	−1.98	1.36	0.0	4	16	12	2	e.	C. N. Houck
Marked Tree	Poinsett	229	28	78.6	+ 0.6	100	22	48	15	38	1.00	−2.27	1.00	0.0	1	19	11	0	n.	Charles Walton
Marshall	Searcy	1070	19	74.4	− 1.1	100	30	44	14	46	2 00	−3.08	2.00	0.0	1	20	8	2	sw.	A. J. Parks
Mena	Polk	1185	45	77.5	+ 1.1	101	22†	49	15†	36	1.93	−2.95	1.10	0.0	2	21	4	5	sw.	E. W. St. John
Morrilton	Conway	347	14	79.0	....	104	22	50	16	36	2.02	−1.86	1 65	0.0	4	23	6	1	sw.	Miss Ruby Cook
Mountain Home	Baxter	800	21	77.8	+ 8.4	103	22†	47	14†	43	0.00	−4.83	0.00	0.0	0	21	8	1	s.	B. S. Halbert
Mount Ida	Montgomery	650	34	75 2	− 0.6	102	22†	42	15†	44	1 09	−3.33	0 50	0.0	4	19	8	3	se.	G A. Whittington
Newport	Jackson	231	50	78.6	+ 0.8	102	22	49	15	37	2.83	−1 07	1.37	0.0	4	25	4	1	n.	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	1.38	....	0 78	0.0	2	24	4	2	....	U. S. Forest Service
Oden	Montgomery	800	7	....	....	....	....	....	....	....	1.39	....	0.78	0.0	3	18	11	1	sw.	U. S. Forest Service
Okay	Howard	288	4	78.1	....	103	25	46	16	42	0.63	....	0 32	0.0	4	24	5	1	s.	Charles R. Jackson
Osceola	Mississippi	240	37	80.4	+ 3.1	102	20†	50	14	39	1.97	−1 41	1.58	0.0	5	19	10	1	s.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	38	79.2	+ 1.4	105	23	52	14†	38	0.86	−3.64	0.86	0.0	1	25	4	1	se.	Orkney O. Milton
Paragould	Greene	301	10	....	....	....	....	....	....	....	0.70	....	0.36	0 0	3	25	4	1	se.	W. R. Heagler
Parkin	Cross	....	3	....	....	....	....	....	....	....	1.14	....	0.73	0.0	3	22	3	5	....	Carroll King
Patterson	Woodruff	196	17	....	....	....	....	....	....	....	1.53	−3.38	0.87	0.0	2	27	2	1	nw.	W. E. Baker
Piggott	Clay	307	9	....	....	....	....	....	....	....	0.43	....	0.43	0.0	1	20[h]	2[h]	0[h]	....	V. C. Wright
Pine Bluff	Jefferson	215	46	79 1	− 0.1	100	22	52	16	33	0.97	−2.95	0.48	0 0	4	21	5	4	sw	Miss Theresa Scheu
Pocahontas	Randolph	300	40	78 0	+ 0.6	100	21†	48	15†	41	1.73	−1.67	1.10	0.0	3	19	8	3	sw.	Benedictine Sisters
Portland	Ashley	122	27	78.3	− 1.1	100	20†	49	15†	39	1.05	−2.35	0.67	0.0	3	15	11	4	sw.	W. E. Edmiston
Prescott	Nevada	329	45	79 8	+ 1.1	102	21†	51	16	37	1.98	−1.82	1 35	0.0	3	17	11	2	s.	Craig Williams
Rison	Cleveland	243	33	76 4	− 2.2	102	27	50	14†	33	2.70	−1.06	2.10	0.0	2	21	7	2	nw.	Mrs. M. V Tisdale
Rogers	Benton	1385	42	77.6	+ 4 3	104	25	46	14	41	0.13	−4.76	0.08	0.0	2	23	2	5	s.	Carl A. Starck
St. Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	....	.	..	.	.	....	Mrs. Amelia Browning
St. Francis	Clay	290	6	....	....	....	....	....	....	....	0.73	....	0.42	0.0	2	27	3	0	....	S. T. Rooney
Searcy	White	236	23	77.4	+ 0.2	101	22	48	15†	37	3.55	−0.41	2.42	0.0	5	22	4	4	sw.	Arthur D. Smith
Springbank‡‡	Miller	240	26	....	....	....	....	....	....	....	1.28	−2 52	0.70	0.0	4	21	7	2	..	Miss Grace Field
Story	Montgomery	700	9	....	....	....	....	....	....	....	0.80	....	0.50	0.0	4	22	7	1	s.	S. C. Story
Stuttgart	Arkansas	209	46	79.6	+ 1 8	103	22	51	14†	37	0.55	−3.39	0.52	0.0	2	23	7	0	sw.	Mrs. Kress Swim
Subiaco	Logan	1050	36	80 6	+ 3 0	107	23†	51	15†	41	0.75	−3.31	0 68	0.0	3	21	6	3	se.	New Subiaco Abbey
Sunset	Washington	....	2	76 5	....	97	23	53	14	27	1.65	....	1 04	0.0	3	25	4	1	sw.	Walter James
Texarkana	Miller	332	48	79.2	0.0	104	22†	50	15†	37	0.72	−2.84	0.45	0.0	3	24	4	2	s.	H. S. Brashear
Thornburg	Perry	650	13	75.2	....	104	23	40	14†	46	0.53	−4.58	0 43	0.0	3	20	8	2	e.	Edward E. Holmes
Waldron	Scott	675	14	....	....	....	....	....	....	....	0.48	−3 77	0.38	0.0	3	..	..	..	....	Dr. Cheves Bevill
Warren	Bradley	206	39	80.2[d]	+ 1.2	98	30	53[g]	15	29[g]	2.96	−0.77	2.00	0.0	3	25	1	4	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	....	....	....	....	....	....	....	1.32	....	0.42	0.0	4	24	3	3	sw.	J. R. Huddleston
Whitecliffs	Little River	290	29	....	....	....	....	....	....	....	0.58	−2.82	0.52	0.0	3	23	5	2	s.	Charles Huff
Wilson	Mississippi	237	8	77.7	....	99	21	48	15†	39	0.20	....	0.20	0.0	1	24	5	1	s.	D. O. Anderson
Wynne	Cross	250	25	77.0	− 1 0	100	21	45	16	42	0.23	−3.58	0.23	0.0	1	25	5	0	s.	R. T. Cobbs
Yancopin	Desha	167	9	....	....	....	....	....	....	....	2.05	....	1.29	0.0	5	19	6	5	....	W. E. Barton
State Means				78.4	+1.4	107	23†	40	13†	46	1.30	−2.71	3.43	0.0	3	22	6	2	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville Route 1, Lamar; Springbank, Doddridge Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for June, 1933

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita												.10	.10								.40		1.07				.20					1.87
Arkadelphia	Ouachita												.64	.08											1.33			.74					2.79
Arkansas City	Mississippi											T.	T.	.83										.16									0.99
Arlberg	White												2.31														1.10						3.41
Batesville	White												.12	1.69										T.	T.			.78					2.59
Bee Branch	Arkansas											.04	.10												1.10		64						1.88
Bentonville***	Arkansas											T.	.14														T.						0.14
Big Lake Outlet	St. Francis													.75														.28					1.03
Black Rock	White											T.		.36														.18	T.				0.54
Blytheville	St. Francis											.05																.12	.02				0.19
Booneville	Arkansas											.08	.08									.11			.04	T.	1.62	.38					2.31
Brinkley	White											.07		3.43																			3.50
Calico Rock	White			T.										25														.12					0.37
Camden	Ouachita												.63	.28											.20			.37					1.48
Carthage	Ouachita												.20	.08														.39					0.67
Center Point	Red											.12	.67											T.			.03	.15					0.97
Clarendon	White												.02	.25														.05					0.32
Clinton	White											.10	.75											.16			T.				.02		1.03
Conway	Arkansas											.04		.06									.08	.56				.05					0.79
Corning	White												.05															1.12					1.17
Cotter	White																																0.00
Crossett	Ouachita												.45															.35					0.80
Danville	Arkansas											15																.20					0.35
Dardanelle	Arkansas												.43															.48					0.91
De Valls Bluff	White											.38	.05	.50														.95					1.88
Dumas	Mississippi												.03															.14	T.				0.17
Dutton	White											1.94											T.			T.	.76						2.70
El Dorado	Ouachita												.75	.30														1.77					2.82
England	Arkansas												.03									.05					.38	.03					0.49
Eureka Springs	White											.06													.14								0.20
Fayetteville	White												.16												.02		T.	T					0.18
Fort Smith***	Arkansas											.26	.23														.14	.09					0.72
Freeman Sprgs.	Arkansas												.16	3.34														T.	.11				3.61
Fulton	Red												.12	.18										.73	T.			T.					1 03
Georgetown	White													T.											.18			1.05					1.23
Gilbert	White												.08	1.04													.04		.33				1.49
Grannis	Red											1.75																.05					1.80
Gravette	Arkansas											.30	.19														.33	T.					0.82
Harrison	White												.01															.79					0.80
Helena	Mississippi												.09	1.17														.01			2.20		3.47
Higden	White												1.05	.20													.50	.37					2.12
Highland	Ouachita											.51																.44					0.95
Hope	Red												.75											1.54			.25						2.54
Hot Springs	Ouachita											1.15	.19	.03										.08		.06	2.04						3.55
Index	Red												.09													.03							0.12
Jessieville	Ouachita												1.30												.38			.38					2.06
Jonesboro	White											T.	.27	.20														.08	T				0.55
Lead Hill	White												T.													T.		.20					0.20
Little Rock***	Arkansas											.02	.88											.02			.07	T.					0.99
Lurton	White																																....
Lutherville	Arkansas										T.	.05	.34													T.	.57						0.96
Madison	St. Francis											T.		.15															T.		.43		0.58
Magnolia	Red											.05													.35								0 40
Malvern	Ouachita												.53													.01		.40					0.94
Mammoth Spg.	White																								.10			1.20	.15				1 45
Marianna	St. Francis										.20	.10	1.36																	.30			1.96
Marked Tree	St. Francis													1.00																			1.00
Marshall	White												2.00														T.						2.00
Mena	Ouachita												1.10															.83					1 93
Morrilton	Arkansas												.04	.18									T.		.15			1.65					2.02
Mountain Home	White																																0.00
Mount Ida	Ouachita											.50													.20		.28	.11					1.09
Newport	White												.03	.86											1.37			.57					2.83
Norman	Ouachita												.60													T.	T.	.78					1.38
Oden	Ouachita												.52													.09		.78					1.39
Okay	Red											.03	.24	.04													.32						0.63
Osceola	Mississippi											.09	.04	08														1.58			.18		1.97
Ozark	Arkansas											T.		.86											T.			T.					0.86
Paragould	St. Francis										T.	.36		.30														.04					0.70
Parkin	St. Francis											.73													.29						.12		1.14
Patterson	White													.87														.66					1.53
Piggott	St. Francis										T.	T.	T.														T.		.43				0.43
Pine Bluff	Arkansas												.48	.01										.19				.29					0.97
Pocahontas	White										.42		.21														1 10						1.73
Portland	Ouachita												.32		.06													.67					1.05
Prescott	Ouachita												T	.43											.20			1.35					1.98
Rison	Ouachita												.60															2.10					2.70
Rogers	White										T		.08															05					0.13
St. Charles	White																																....
St. Francis	St. Francis											T.	42	.31														T.		T.			0.73
Searcy	White												.04	.17											2.42			.65	.27				3.55
Springbank	Red												.70	.36									T.	.06	.16	T.							1.28
Story	Ouachita												.50										.10		.05	.15							0.80
Stuttgart	Arkansas													.03														.52					0.55
Subiaco	Arkansas											T	.02												T.	T.	.68	.05					0.75
Sunset	Arkansas										.24	T.	1.04												.37								1.65
Texarkana	Red												.45	.15													.12						0.72
Thornburg	Arkansas											.04		.06										T.		T.	.43						0.53
Waldron	Arkansas																					.03			.07		.38						0.48
Warren	Ouachita												.46	2.00														.50					2.96
Waters	Ouachita												.42													.32	.20	.38					1.32
Whitecliffs	Red												.52	.03											T.			.03					0.58
Wilson	Mississippi																											.20					0.20
Wynne	St. Francis													.23														T.					0.23
Yancopin	Arkansas											.02		.32														1.29		.28	.14		2.05

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.9	4.8	4.8	4.1	4.0	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.2	3.2	3.2	3.2	3.0	2.9	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.8	2.7	2.7	
Calico Rock	do	18	4 3	4.2	3.8	3.0	2.7	2.5	2.1	2.2	2.1	2.0	1.8	1.7	1.8	1.3	1.8	1.6	1.4	1.4	1.3	1.3	0.9	1 2	1.1	1 1	1.1	1.1	0.7	0.6	0.6	0 5	
Batesville	do	23	10.1	9.7	9.4	9.0	8.3	8.0	7.5	7.4	7.3	7.2	7.0	6.8	7.0	6.8	6.2	6.5	6.3	6.3	6.2	6.1	6.0	5.7	5.9	5.8	5.8	5.8	6.0	5.6	5.4	5.3	
Newport	do	26	19.8	18.8	17.8	16.8	15.8	14.5	12 9	11 0	9.3	8.0	7.1	6.4	6.4	5.9	5.4	5.0	4.8	4.5	4.3	4.1	4.0	3.9	3.6	3.5	3.5	3.4	3.8	4.2	3.8	3.4	
Georgetown	do	22	23.4	22.9	22.4	21.9	21.5	21.1	20.7	20.2	19.4	18.3	16.7	15.4	14.0	12.6	11.4	10.5	9.5	8.7	7.9	7.3	6.9	6.5	6.0	5.8	5.5	5.2	5.0	5.0	5.3	5.4	
De Valls Bluff	do	24	25.0	24.7	24.2	23.7	23.3	22.9	22.5	22.0	21.8	21.5	21.1	20.7	20.2	19.4	18.4	17.4	16.3	15.5	14.5	13.5	12.8	12.0	11.5	10.8	10.4	10.0	9.8	9.5	9.4	9.6	
Clarendon	do	30	30.4	30.2	29.9	29.6	29.2	28.9	28.5	28.1	27.8	27.4	27.0	26.7	26.2	25.6	24.9	24.2	23.4	22.5	21.4	20.4	19 3	18.2	17.2	16.3	15.5	14.7	14.1	13.4	12.8	12.5	
Gilbert	Buffalo	30	4.3	4.0	3.6	3.0	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.9	3.7	3.0	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	
Black Rock	Black	14	16.8	15.9	15.0	13.6	12.3	10.6	9.5	8.2	7.5	6.9	6.4	6.2	6.6	5.9	5.6	5.3	5.0	4.8	4.6	4.4	4 3	4.3	4.3	4.2	4.0	3.9	4 7	4.6	4.4	4.1	
Arkadelphia	Ouachita	12	0.8	0.8	-0.1	1.1	0.1	-0.4	-0.6	-0.6	0.6	-0.6	0.2	0.4	-0.6	-0.6	-0.8	-1.0	1.0	-1.0	-0.6	-1.2	-1.2	-1.2	-1.2	-1.0	-1.0	-1.2	-1.2	-0.8	-1.2	-1.2	
Camden	Ouachita	26	6.4	6.2	6.1	6.0	5.5	5.5	4.9	4.7	4.7	4.9	1.6	4.6	4.8	5.0	5.4	5.2	4.7	4.4	4.8	4.2	4.0	3.9	4.0	3.8	3.8	3.8	4.1	4.4	4.9	4.7	
Fulton	Red	28	23.0	20.7	18.8	16.9	15.1	13.7	12.7	12.3	11.8	11.3	10.8	10.3	10.0	9.6	9.4	9.2	8.9	8.7	8.5	8.3	8.1	7.9	7.8	7.5	7.5	7.4	7 3	7.1	7.0	6.9	
Helena	Mississippi	44	50.5	50.6	50.6	50.4	50.2	49.8	49.3	48.5	47 4	45.9	44.1	41.9	39.4	36.1	32.7	29.4	26.4	24.0	22.2	21.1	20.2	19.6	17.8	16.8	16.2	15.8	15.2	11.8	14.5	14.0	
Arkansas City	do	48	53.0	53.3	53.5	53.6	53.6	53.6	53.5	53.3	53.1	52.7	52.1	51.4	50 3	49.1	47.6	45.7	43.4	40.7	37.7	34.8	32.2	30.0	28.0	25.9	23 8	22.0	20.7	19.2	18.1	17 0	

Daily temperatures for June, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	90	88	90	93	92	95	102	95	100	100	91	95	85	84	85	88	92	95	100	101	104	100	100	100	101	102	95	97	96	101		95.2
	Minimum	58	58	58	59	68	67	67	68	64	66	69	64	65	56	51	50	52	58	62	63	68	68	70	69	69	75	70	71	75	74		64.4
Batesville §§	Maximum	85	84	87	89	92	85	95	93	96	96	95	92	78	78	79	84	89	91	95	98	100	98	100	98	97	95	90	95	96	97		91.9
	Minimum	56	52	52	55	69	68	63	68	63	62	64	69	62	46	45	44	48	52	56	60	63	63	69	63	66	70	67	69	72	66		60.7
Bee Branch	Maximum	85	83	89	92	96	98	97	96	97	96	91	89	78	78	82	88	90	94	97	101	101	103	101	97	100	98	90	99	99	100		93.5
	Minimum	57	58	56	59	70	70	66	66	65	67	70	68	65	50	49	48	51	56	59	63	68	69	72	68	69	72	79	72	72	73		64.2
Bentonville	Maximum	84	83	85	88	91	92	90	90	92	94	93	82	76	78	81	83	87	88	89	95	96	98	100	99	100	97	94	96	97	99		90.6
	Minimum	55	60	59	63	68	70	65	65	68	64	67	63	57	47	51	52	54	59	59	63	66	69	65	67	72	72	69	71	74	75		63.6
Blytheville	Maximum	84	85	89	91	94	97	100	96	96	95	94	94	78	79	82	88	92	96	99	100	102	100	100	99	96	97	94	97	99	99		93.7
	Minimum	58	55	59	62	69	69	70	70	68	70	70	68	63	48	46	49	53	59	92	64	66	70	71	71	71	72	70	73	75	76		64.9
Booneville	Maximum	87	85	89	93	96	100	95	97	96	98	95	81	82	81	88	89	95	96	99	102	103	104	105	106	107	103	94	95	98	98		95.2
	Minimum	56	59	57	61	65	64	64	63	65	67	69	67	65	50	49	50	51	56	58	62	66	66	65	70	72	71	71	73	73	73		63.3
Brinkley	Maximum	86	85	90	92	93	96	97	95	95	95	93	93	76	76	79	88	92	96	98	100	100	100	96	98	97	99	95	98	99	100		93.2
	Minimum	57	54	55	58	69	68	68	68	64	66	69	65	63	50	51	49	54	59	62	64	67	68	70	66	62	68	72	74	73	73		63 5
Calico Rock§§	Maximum	85	84	88	91	95	99	97	96	99	98	95	90	78	79	82	87	91	94	96	99	103	103	101	101	101	94	95	100	103	103		94 2
	Minimum	57	55	55	57	64	65	62	63	66	67	75	69	60	45	46	47	48	52	55	60	65	65	70	65	65	73	68	70	72	74		61.8
Camden§§	Maximum	87	86	89	92	91	93	94	94	95	92	90	93	90	88	85	88	90	92	98	99	98	101	97	98	100	99	95	96	96	98		93.5
	Minimum	57	56	55	58	66	64	66	66	64	67	67	65	65	50	48	47	52	56	60	63	65	68	72	67	67	71	69	69	74	74		62.9
Carthage §§	Maximum	86	87	87	92	92	94	94	93	95	92	92	92	80	80	81	85	89	92	95	98	106	102	95	96	98	99	94	97	97	99		92.4
	Minimum	56	54	54	56	65	63	62	64	63	65	68	64	66	48	45	45	50	55	59	62	66	66	74	66	65	72	68	72	71	71		61.8
Center Point	Maximum	88	90	93	94	94	95	96	95	98	94	95	90	85	83	84	90	92	95	98	101	101	104	100	102	105	102	100	99	101	101		95.5
	Minimum	60	59	59	63	64	66	65	67	65	70	68	66	65	55	54	52	59	60	62	68	69	73	75	69	73	74	71	72	74	75		65.7
Conway	Maximum	86	84	88	91	94	98	96	95	97	96	92	90	80	80	82	87	90	94	97	99	101	102	102	98	100	100	94	99	99	100		93.7
	Minimum	60	61	58	61	66	67	67	67	65	69	70	68	66	51	50	50	53	57	60	65	71	68	72	70	70	74	69	73	74	79		65.0
Corning	Maximum	84	86	89	92	95	96	99	97	95	99	94	93	79	79	84	89	93	96	99	101	101	101	102	100	101	99	90	98	99	100		94.3
	Minimum	57	54	56	59	69	70	69	70	68	67	67	67	58	46	44	45	50	54	59	62	64	68	69	67	71	69	70	72	76	76		63.1
Crossett §§	Maximum	86	84	89	91	91	92	93	92	94	85	90	91	83	80	81	87	91	93	98	98	100	100	88	96	97	97	93	94	96	96		91.5
	Minimum	59	59	57	60	64	68	68	69	68	68	70	66	68	53	50	51	56	58	65	66	67	69	73	66	70	71	70	72	75	75		65 0
Dardanelle	Maximum	85	84	88	91	92	96	94	94	96	95	90	77	87	87	81	87	91	94	96	98	97	99	101	99	100	99	92	97	98	98		92.8
	Minimum	58	61	58	63	69	70	69	66	68	69	70	68	68	52	50	50	52	57	60	64	69	67	68	70	70	74	72	73	75	76		65.2
Dumas	Maximum	86	87	94	93	93	95	97	95	98	89	94	94	91	80	83	91	95	98	100	103	103	103	99	97	98	101	98	99	102	101		95.4
	Minimum	58	57	56	57	67	67	67	70	68	68	72	66	68	50	49	49	54	60	62	65	69	69	74	67	70	72	70	74	75	75		64.8
Dutton	Maximum	82	83	83	88	89	92	89	89	91	93	80	77	78	79	81	84	87	90	92	94	98	98	96	100	95	91	91	94	93	94		89.0
	Minimum	46	60	49	52	65	65	60	72	58	60	60	58	40	42	43	45	48	49	54	56	55	59	59	63	66	65	66	65	64	65		57.0
El Dorado	Maximum	85	86	89	91	92	93	94	94	94	91	88	89	82	79	81	87	91	94	98	99	100	102	97	99	100	97	95	95	98	98		92.6
	Minimum	62	63	60	61	63	70	70	70	70	72	70	68	67	54	53	54	59	62	66	71	71	73	76	73	72	74	72	75	77	76		67.5
England	Maximum	88	86	90	91	92	94	95	93	96	97	91	92	83	81	83	88	93	96	100	102	101	101	99	100	..	101	91	96	98	98		93.7
	Minimum	59	57	57	60	70	71	67	71	66	68	70	68	67	51	49	50	54	59	63	66	71	70	74	70	..	70	72	74	76	67		65.1
Eureka Springs	Maximum	87	86	86	88	92	95	92	90	94	97	95	88	79	81	84	86	88	91	92	96	99	101	102	101	102	100	96	97	98	97		92.7
	Minimum	57	61	60	63	72	71	68	69	71	66	68	67	58	47	53	58	58	64	63	66	70	76	69	67	73	73	71	73	76	76		66.1
Fayetteville	Maximum	85	84	85	89	92	94	91	90	94	98	95	84	78	79	81	85	87	88	91	95	98	101	104	102	102	98	95	96	98	99		91.9
	Minimum	53	58	55	64	72	70	68	68	67	64	66	66	60	49	48	52	52	56	56	63	65	66	63	64	75	73	75	74	75	75		63.7
Fort Smith	Maximum	86	85	89	92	95	97	94	94	95	97	93	75	82	80	81	85	89	92	96	98	98	99	102	101	104	102	94	99	100	101		93.2
	Minimum	62	66	63	66	72	72	71	70	72	72	70	69	65	57	57	57	58	63	64	68	72	70	71	74	76	75	73	75	76	78		68.5
Gravette	Maximum	85	82	85	87	91	93	89	91	93	97	95	85	77	80	85	86	88	89	95	68	101	102	103	101	104	99	96	97	100	100		92.5
	Minimum	54	59	58	63	70	67	65	64	61	69	65	64	57	45	51	50	50	57	61	66	67	67	66	67	73	72	70	70	74	75		63.2
Harrison	Maximum	87	85	89	90	97	101	96	97	96	98	93	84	78	81	83	88	91	94	97	101	101	101	100	103	101	97	86	99	100	102		93.9
	Minimum	..	..	..	..	66	67	62	68	65	65	69	67	58	48	49	47	..	58	54	59	61	64	62	66	67	72	69	70	70	87		63.6
Helena	Maximum	82	80	87	90	89	92	95	93	96	89	91	92	74	75	78	83	87	91	92	93	96	96	94	94	98	98	93	99	101	97		90.5
	Minimum	57	54	58	61	68	69	67	68	67	65	70	66	65	49	51	51	56	59	63	65	66	69	73	63	70	74	70	74	72	74		64.5
Hope	Maximum	87	90	92	94	93	94	95	95	99	96	97	90	84	80	81	88	93	95	98	100	102	103	103	100	100	101	101	97	99	100		91.9
	Minimum	56	56	56	62	69	77	67	70	65	65	67	64	67	52	56	49	54	57	59	66	72	71	65	68	72	72	71	77	75	79		65.2
Hot Springs	Maximum	85	85	89	92	92	95	96	95	98	95	93	86	81	81	81	87	91	93	97	99	98	101	101	99	100	101	95	96	95	95		93.1
	Minimum	56	58	58	62	72	71	71	72	68	70	66	65	64	58	51	52	55	60	63	68	71	72	74	58	70	70	71	76	75	77		66.1
Jonesboro	Maximum	85	85	89	91	93	97	98	95	95	95	94	92	76	77	82	87	89	94	97	101	101	102	101	97	98	97	91	97	98	101		93.2
	Minimum	60	57	60	62	70	71	72	73	70	70	71	70	65	55	51	52	56	60	66	70	71	74	75	70	73	73	70	73	75	76		67.0
Lead Hill	Maximum	89	86	90	92	99	100	98	98	98	99	95	87	80	82	86	90	93	95	98	101	100	104	103	103	102	97	89	101	103	103		95.4
	Minimum	53	55	53	56	62	63	60	60	66	66	66	67	53	41	43	46	47	52	54	58	62	63	63	65	67	72	69	70	71	71		59.8
Little Rock	Maximum	83	81	87	89	90	91	92	91	94	92	86	86	76	76	78	84	88	91	95	98	97	100	97	95	98	97	89	93	95	95		90.1
	Minimum	64	65	63	65	69	70	71	69	70	74	71	70	64	58	57	55	59	63	66	71	76	74	76	74	74	73	71	76	75	76		68.6
Lurton	Maximum	93	86	82	83	88	93	89	90	94	..	..	..	..	73	76	79	86	96	87	96	91	88	93	95	97	90	88	88	95	96		88.9
	Minimum	62	60	59	61	69	69	70	69	56	..	..	..	..	49	54	56	59	68	60	69	69	71	72	67	70	69	71	69	75	71		65.2
Lutherville	Maximum	86	84	88	91	94	95	94	95	98	96	91	74	78	78	82	85	90	93	96	100	98	104	102	100	101	92	94	97	103	101		92.7
	Minimum	58	62	60	61	69	70	70	68	70	69	69	66	65	53	53	52	55	58	63	65	78	62	70	70	71	75	70	72	73	74		65.7
Magnolia	Maximum	85	85	90	91	93	94	90	92	95	94	91	91	82	80	80	86	90	92	97	99	100	100	97	98	99	97	95	95	95	97		92 3
	Minimum	60	58	57	60	63	65	70	70	66	70	68	67	67	55	56	50	54	58	62	67	69	70	73	69	72	73	72	74	76	75		65.5
Malvern	Maximum	88	87	91	93	93	96	96	95	00	99	93	89	81	82	84	88	92	95	100	102	101	105	104	101	101	101	96	98	98	99		94.9
	Minimum	55	57	55	58	65	64	64	64	63	68	69	65	67	53	47	48	52	56	59	63	70	67	73	67	67	73	69	73	74	72		63.2
Mammoth Spring	Maximum	83	81	84	87	91	94	95	94	93	95	94	89	80	79	81	84	88	92	95	98	100	99	98	97	98	90	86	92	94	95		90.9
	Minimum	57	55	55	57	68	67	65	64	68	67	68	67	61	41	45	46	49	53	57	61	64	66	71	66	71	72	69	71	73	74		62 3
Marianna	Maximum	89	83	86	90	92	93	96	94	91	91	91	91	88	77	80	86	89	93	96	100	98	99	94	96	95	96	94	98	98	97		92.0
	Minimum	64	62	64	65	64	71	69	71	69	79	69	68	68	51	53	55	58	62	63	68	69	71	72	69	70	71	71	75	75	74		67.0
Marked Tree§§	Maximum	85	84	89	91	92	94	97	94	93	94	95	92	75	77	80	86	90	93	95	99	98	100	98	96	96	96	91	98	99	97		92.1
	Minimum	60	56	60	61	68	71	70	71	68	68	71	68	62	54	48	51	52	57	63	66	67	70	71	69	70	72	70	72	72	75		65.1
Marshall	Maximum	79	76	82	88	94	94	92	92	93	93	93	86	78	75	75	80	84	88	90	90	96	95	92	95	96	89	87	96	99	100		88.9
	Minimum	53	56	50	60	66	60	60	68	63	63	65	63	56	44	46	47	47	42	54	58	62	61	64	64	68	72	68	72	76	70		59.9
Mena	Maximum	83	82	88	90	90	92	92	92	94	91	88	83	79	77	81	85	89	91	94	96	97	101	101	98	101	98	94	95	97	97		91.3
	Minimum	55	57	56	60	68	68	70	67	65	66	66	64	66	52	49	49	53	56	59	64	68	66	68	69	69	73	68	72	73	74		63.7
Morrilton §§	Maximum	85	83	88	89	92	98	93	92	95	94	92	88	78	78	79	86	88	92	96	101	102	104	102	98	97	101	88	93	94	94		92.0
	Minimum	61	62	59	62	70	74	68	67	67	69	71	68	66	52	53	50	54	57	61	67	72	71	72	70	70	75	69	74	73	74		65.9
Mountain Home	Maximum	85	83	86	90	95	98	95	95	96	96	93	89	78	79	82	84	91	96	97	100	101	103	102	101	101	93	94	101	102	103		93.6
	Minimum	57	56	55	57	63	65	63	63	68	68	68	66	59	47	47	49	48	57	56	61	65	66	69	65	67	72	67	70	70	72		61.9
Mount Ida	Maximum	85	84	87	90	92	93	92	92	98	94	88	88	80	79	81	86	88	92	96	99	100	102	102	99	99	97	93	95	98	97		92.2
	Minimum	50	52	51	54	59	61	59	61	58	62	64	63	63	45	42	42	45	50	52	57	66	62	63	62	65	68	67	68	68	64		58.1
Newport	Maximum	86	85	90	90	91	97	97	93	96	96	93	92	75	77	81	87	89	93	97	100	101	102	100	94	101	95	89	94	96	96		92.4
	Minimum	60	57	57	60	69	69	67	70	67	67	72	70	65	50	49	50	54	58	62	65	68	69	67	68	72	71	70	83	75	75		64.9
Ozark§§	Maximum	86	87	88	92	96	96	96	96	97	98	95	72	82	82	82	85	90	91	95	100	100	101	105	101	104	102	96	100	101	102		93 9
	Minimum	57	63	59	62	66	68	68	65	67	68	69	68	65	52	52	53	54	58	60	64	65	66	67	69	72	73	70	73	72	73		64.6
Pine Bluff	Maximum	84	82	88	90	90	91	92	91	94	91	85	89	79	78	79	85	88	93	96	99	97	100	95	96	99	98	92	94	95	96		90.9
	Minimum	62	61	59	62	71	70	69	72	69	70	71	69	68	56	54	52	57	62	66	69	64	72	75	72	73	73	71	76	77	78		67.3
Pocahontas	Maximum	85	85	89	89	95	97	98	95	94	98	94	93	77	79	81	85	89	94	95	98	100	100	99	98	98	95	90	96	97	97		92.7
	Minimum	58	54	55	67	66	66	66	65	67	65	67	67	61	54	48	48	48	53	59	62	66	68	70	71	69	68	69	70	74	74		63.2
Portland	Maximum	85	84	89	92	93	93	95	93	94	90	93	91	87	78	82	88	90	94	97	100	98	100	95	96	97	98	93	95	97	97		92.5
	Minimum	60	59	57	57	62	65	65	65	67	69	70	67	67	52	49	49	55	58	64	68	69	68	71	65	68	70	70	71	73	74		64.1
Prescott	Maximum	87	86	88	92	93	95	95	94	96	95	94	91	83	82	82	88	91	93	97	100	102	102	102	98	101	100	99	96	97	98		93.9
	Minimum	62	58	58	62	65	67	67	68	67	70	69	65	66	55	53	51	56	59	63	67	71	72	75	67	72	73	70	73	75	75		65.7
Rison	Maximum	81	81	83	86	88	86	90	89	90	87	86	84	78	75	73	79	82	89	92	93	94	94	94	94	95	94	102	95	96	95		88.2
	Minimum	58	58	58	60	67	66	66	68	65	67	68	65	65	50	51	50	54	59	64	68	71	69	72	69	70	69	69	73	75	75		64.6
Searcy	Maximum	85	82	87	89	90	95	95	92	94	92	91	89	81	77	79	85	87	93	95	100	100	101	99	95	96	96	86	94	95	96		91.2
	Minimum	58	57	58	58	65	67	65	67	65	66	70	67	66	52	48	48	52	58	61	64	67	67	70	68	69	71	68	71	73	73		63.6
Stuttgart	Maximum	85	85	89	90	92	95	95	93	92	93	92	93	78	79	81	88	88	94	98	100	100	103	96	100	100	99	94	97	97	99		92.8
	Minimum	60	61	59	62	68	67	68	70	68	70	73	69	66	51	51	51	57	57	66	69	72	72	76	70	73	71	71	75	76	75		66.5
Texarkana	Maximum	86	87	89	92	91	92	92	93	95	96	94	88	84	80	82	86	87	91	98	101	101	104	98	102	104	99	97	98	98	99		93.5
	Minimum	63	60	58	63	63	62	64	65	65	68	65	58	60	53	50	50	56	61	61	70	75	72	75	70	73	73	71	73	73	74		64.8
Thornburg	Maximum	84	83	86	89	92	95	97	93	98	95	87	86	80	81	82	85	87	81	97	101	100	102	104	101	98	102	93	96	98	99		92.4
	Minimum	50	50	48	56	64	70	60	60	57	62	64	63	63	40	40	40	43	48	51	56	64	58	62	62	65	69	61	72	72	70		58 0
Warren	Maximum	86	84	88	91	91	93	94	93	92	92	89	89	87	78	79	84	88	91	94	97	96	97	93	95	97	96	91	94	97	98		91.1
	Minimum	..	..	..	..	..	..	..	72	71	71	73	67	66	56	53	55	59	63	68	72	75	74	75	73	73	75	71	75	77	78		69.2
Wilson	Maximum	82	82	87	89	93	97	95	93	91	95	93	90	76	76	80	85	90	93	98	98	99	98	96	95	95	95	92	96	96	96		91.4
	Minimum	56	54	57	59	60	71	71	72	70	68	65	67	61	50	48	48	53	56	59	64	67	71	69	71	70	71	69	74	74	75		64.0
Wynne	Maximum	84	82	88	90	91	94	96	93	93	92	93	88	75	77	81	87	91	94	95	98	100	98	97	97	98	98	94	99	99	99		92.0
	Minimum	55	54	55	57	66	67	66	69	66	65	64	67	60	47	50	45	51	56	60	61	62	67	64	66	67	71	67	70	73	72		62.0

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark.7 21-33-1000

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE, Meteorologist

Vol. XXXVIII LITTLE ROCK, ARK., JULY, 1933 No. 7

GENERAL SUMMARY

Temperatures were continuously above normal in the western portion of the State the first half of the month with maximum temperatures of 100° or higher occurring on an average of about seven days, while departures were not so marked in central and eastern portions. The average temperature for the State, based on the reports of 63 stations, was 81.4° which is 1.1° above the mean for the past 43 years. Of the stations for which normals have been computed, eleven located mostly in the eastern half of the State had negative departures. Monthly means ranged 76.9° at Dutton to 84.9 at Subiaco. The highest temperature recorded was 109° at Booneville on the 10th and at Grannis on the 11th; the lowest, 55° at Dutton on the 16th. The greatest daily range was 41 at Dutton and Thornburg on the 14th.

Several stations reported heavy showers on either the 3d or 4th, the 9th or 10th, and from the 16th to the 19th, but the rainfall was generally local with the western portion of the State receiving the least amount. Rain was general over the State from the 23d to the 30th in connection with the tropical disturbance which moved across northern Louisiana. It began in the southern portion on the 22d and rained most of the time for four days and in some sections even longer. Amounts were excessive in southern and eastern sections with considerable damage to crops, but in the western portion and in the upper Ouachita and upper White valleys daily amounts were generally light to moderate. The average precipitation for the State for the 88 stations reporting was 5.01 inches which is 1.15 inches above the mean for the past 43 years. Monthly amounts ranged from 1.16 inches at Ozark to 12.89 inches at Crossett. El Dorado in Union County had 12.09 inches and six other stations over 9.00 inches. Rainfall was heaviest in southern border counties and in the lower portion of the Arkansas and White river valleys, while it was lightest in the west-central portion and in some sections of the Ozarks. The greatest 24-hour amount was 7.13 inches at Crossett on the 26th. The average number of days with 0.01 inch or more precipitation was 9 though a number of stations reported as many as eleven and one other seventeen rainy days.

The high temperatures and the light rainfall the first half of the month were unfavorable for all crops except cotton. Early corn, meadows, pastures, tomatoes, and other minor crops were seriously damaged except in a few localities where heavy showers occurred. However, conditions were much more favorable the latter part of the month except that there was too much rain in southern and eastern portions. Cotton was injured by the excessive rain in some localities but late corn, pastures, and other crops were greatly benefited. The soil at the close of the month was in good condition for fall planting except in some northwestern counties where more rain was needed.

T.A.M.

Tornado: July, 1933

Prescott, 22d, 3:40 p. m., from east, path 300 feet wide and one mile long, property damage $3,000.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	..	..	..
Light Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Moderate Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Heavy Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorms	..	..	19	1	..	..	..	2	18	14	9	1	1	2	27	3	2	5	5	1	4	3	3	6	12	11	6	3	8	6	6

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29.92	30.10	1	29.74	11	5.3	17	se	3	....	....	....	73
Fort Smith	29.92	30.10	29	29.70	11	7.2	27	s	13	75	57	53	50
Little Rock	29.95	30.14	29	29.75	27	7.3	20	ne	26	81	57	61	65
Memphis	29.97	30.17	29	29.73	27	6.0	15	nw	3	77	62	60	55

COMPARATIVE DATA FOR JULY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	−3.8	103	50	7.24	+3.38	12.86	2.10	0.0	10	13	8	10
1892	79.0	−1.3	104	52	3.58	−0.28	7.51	0.65	0.0	10	10	11	10
1893	80.9	+0.6	103	59	2.94	−0.92	7.31	0.51	0.0	6	17	11	3
1894	78.4	−1.9	108	51	3.98	+0.12	10.52	1.08	0.0	6	17	9	5
1895	78.9	−1.4	104	55	7.34	+3.48	16.74	1.34	0.0	12	12	10	9
1896	83.4	+3.1	110	52	1.61	−2.25	7.50	0.00	0.0	4	16	11	4
1897	82.4	+2.1	109	50	3.25	−0.61	8.19	0.65	0.0	5	16	11	4
1898	79.9	−0.4	105	50	4.25	+0.39	13.97	0.60	0.0	8	12	13	6
1899	79.0	−1.3	100	52	5.14	+1.28	10.12	0.97	0.0	8	15	11	5
1900	79.7	−0.6	102	51	4.46	+0.60	8.37	1.09	0.0	9	10	15	6
1901	83.7	+3.4	116	50	2.49	−1.37	7.55	0.20	0.0	6	15	13	3
1902	79.4	−0.9	105	50	4.49	+0.63	13.94	0.37	0.0	6	14	12	5
1903	79.6	−0.7	105	53	3.86	0.00	8.27	1.31	0.0	9	13	12	6
1904	77.9	−2.4	104	49	4.43	+0.57	9.06	1.06	0.0	10	13	13	5
1905	76.7	−3.6	106	51	7.60	+3.74	22.35	1.84	0.0	13	10	13	8
1906	76.7	−3.6	99	48	5.96	+2.10	12.95	0.97	0.0	10	13	9	9
1907	81.4	+1.1	108	53	1.96	−1.90	5.32	T.	0.0	4	21	8	2
1908	79.2	−1.1	103	48	3.00	−0.86	5.95	0.97	0.0	8	15	12	4
1909	81.9	+1.6	106	50	2.51	−1.35	6.94	0.65	0.0	5	19	9	3
1910	79.4	−0.9	105	41	5.46	+1.60	12.44	0.10	0.0	10	15	12	4
1911	78.4	−1.9	106	43	4.83	+0.97	9.48	2.42	0.0	11	9	14	8
1912	81.3	+1.0	104	56	2.82	−1.04	7.15	0.38	0.0	6	15	13	3
1913	81.5	+1.2	104	55	4.31	+0.45	11.54	0.52	0.0	8	13	14	4
1914	82.6	+2.3	107	54	2.69	−1.17	7.51	0.32	0.0	7	11	15	5
1915	77.1	−3.2	107	43	2.40	−1.46	9.79	0.32	0.0	5	20	7	4
1916	82.8	+2.5	106	55	2.09	−1.77	5.89	0.25	0.0	6	19	9	3
1917	79.6	−0.7	106	50	5.10	+1.24	10.60	2.00	0.0	8	15	9	7
1918	79.6	−0.7	111	49	1.53	−2.33	5.93	0.06	0.0	4	19	7	5
1919	81.2	+0.9	104	54	1.91	−1.95	7.35	0.10	0.0	5	19	8	4
1920	79.8	−0.5	105	52	4.22	+0.36	8.40	0.85	0.0	7	15	10	6
1921	82.0	+1.7	107	54	2.42	−1.44	5.46	0.30	0.0	6	19	8	4
1922	80.2	−0.1	106	48	4.12	+0.26	8.90	0.96	0.0	7	14	11	6
1923	79.9	−0.4	105	48	3.53	−0.33	7.86	0.33	0.0	6	16	9	6
1924	79.0	−1.3	110	40	2.35	−1.51	9.46	0.00	0.0	5	18	8	5
1925	81.8	+1.5	109	47	4.99	+1.13	10.41	0.59	0.0	10	11	11	9
1926	79.8	−0.5	109	42	3.55	−0.31	8.03	0.61	0.0	8	17	9	5
1927	79.6	−0.7	104	49	4.25	+0.39	8.63	0.58	0.0	6	17	9	5
1928	80.3	0.0	102	52	3.66	−0.20	9.84	0.46	0.0	8	17	8	6
1929	81.2	+0.9	105	51	3.07	−0.79	8.44	0.44	0.0	7	17	10	4
1930	84.7	+4.4	115	42	0.74	−3.12	3.80	0.00	0.0	2	21	8	2
1931	81.0	+0.7	106	48	6.00	+2.14	13.00	2.13	0.0	11	12	11	8
1932	82.5	+2.2	108	50	5.00	+1.14	12.31	1.67	0.0	9	16	9	6
1933	81.4	+1.1	109	55	5.01	+1.15	12.89	1.16	0.0	9	12	10	9
Period	80.3	......	116	40	3.86	......	22.35	0.00	0.0	7	15	10	6

Daily River Stages for July, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.6	3.6	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.0	4.2	3.8	3.7	3.5	3.6	4.3	5.4	5.7	5.0	4.7	5.1	4.8	4.7	4.1	4.0	3.7	3.5
Ozark	do	22	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.6	1.0	0.7	0.5	0.4	0.4	0.9	1.9	2.0	1.7	1.4	1.6	1.4	1.4	1.1	0.8	0.7
Dardanelle	do	22	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.7	4.0	3.9	3.7	3.7	3.7	3.8	4.8	4.9	4.7	4.5	4.6	4.6	4.4	4.1	3.9
Morrilton	do	20	-0.5	-0.6	-0.6	-0.7	-0.7	-0.9	-0.9	-1.1	-1.2	-1.0	-1.0	....	....	....	....	....	....	....	....	....	-0.9	-0.9	-0.3	0.8	1.0	0.6	0.5	0.6	0.6	0.3	-0.1
Little Rock	do	23	0.2	0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.5	-0.4	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.7	-0.6	-0.1	-0.1	-0.3	-0.4	-0.5	-0.2	0.9	1.1	0.9	0.6	0.7	0.7	0.6
Pine Bluff	do	25	5.3	5.2	5.1	5.0	4.9	4.9	4.9	4.8	4.7	4.7	4.7	4.6	4.6	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.7	4.7	4.7	4.6	4.7	6.1	6.6	6.8	6.0	6.0	6.0
Yancopin	do	29	9.9	9.4	9.1	8.9	8.7	8.4	8.2	8.1	8.1	8.1	8.1	8.0	8.0	7.8	7.6	7.5	7.4	7.4													
Danville	Petit Jean	20	2.1	1.7	1.6	1.5	1.4	1.3	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	1.1	1.1	1.3	1.1	1.2	1.4	1.8	1.6	1.3

Climatological Data for July, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	82.5^{b}	+1.8	107^{b}	11	65^{b}	16	35^{c}	2.63	−0.92	1.00	0.0	8	0^{b}	23^{b}	6^{b}	ne.	J. W. Campbell
Arkadelphia	Clark	250	38	....	....	....	....	....	....	....	3.33	−0.50	9.91	0.0	12	12	10	9	sw.	W. K. Bown
Arkansas City	Desha	145	49	....	....	....	....	....	....	....	7.94	+4.32	2.31	0.0	11	16	0	15	....	Herbert Neff
Arlberg	Stone	700	11	....	....	....	....	....	....	....	2.15	−1.79	1.09	0.0	3	16	8	7	ne	J. D. Reeves
Batesville	Independence	277	34	78.9	−0.7	102	2	58	18†	36	4.44	+1.18	1.48	0.0	8	13	7	11	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	81.8	+1.4	105	2	64	18†	34	2.35	−1.06	0.95	0.0	6	16	4	11	s.	J. E. Scanlan
Bentonville	Benton	1303	28	79.8	+2.4	101	2	62	16	33	4.57	+0.87	1.72	0.0	10	11	9	11	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	3	....	....	....	....	....	....	....	4.46	....	1.74	0.0	5	18	5	8	....	C. J. Brooks
Black Rock	Lawrence	259	32	....	....	....	....	....	....	....	5.35	+1.70	3.44	0.0	8	16	2	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	8	80.4	....	101	2	60	18	31	6.51	....	2.58	0.0	8	21	3	7	s.	Samuel Norris
Booneville	Logan	465	19	83.9	+2.6	109	10	67	20	34	2.16	−1.12	0.73	0.0	11	4	18	9	e.	F. H. Randolph
Brinkley	Monroe	205	46	80.7	−0.3	104	3	58	18	35	9.38	+5.55	4.15	0.0	9	20	3	8	se.	R. J. Torry
Calico Rock	Izard	361	29	81.2	+1.3	105	2	59	20	39	3.71	+0.27	1.10	0.0	7	11	9	11	ne.	E. R. Wiseman
Camden	Ouachita	158	48	82.2^{d}	+1.2	105	3	67^{h}	20†	34^{h}	8.26	+4.47	3.29	0.0	9	9	7	15	e.	J. M. Knight
Carthage	Dallas	....	28	80.2^{a}	....	104	3	64^{a}	13	34^{a}	7.16	+3.10	2.65	0.0	12	10	12	9	s.	P. K. Wylie
Center Point	Howard	470	34	83.6	+2.1	105	3	65	27†	30	2.24	−1.48	0.72	0.0	7	7	18	6	sw.	John C. Floyd
Clarendon	Monroe	172	29	....	....	....	....	....	....	....	9.53	+6.55	5.13	0.0	10	10	4	17	s.	J. W. Bishop
Clinton	Van Buren	516	12	....	....	....	....	....	....	....	2.03	−0.34	0.88	0.0	6	12	13	6	se.	A. L. Stephens
Conway	Faulkner	309	50	82.5	+0.9	106	3	65	18†	33	6.67	+3.30	2.20	0.0	11	17	7	7	s	E. E. Cordrey
Corning	Clay	293	40	80.7	+1.5	102	2	59	17†	38	3.92	+0.46	1.64	0.0	6	17	8	6	s.	Winfred D. Polk
Cotter	Baxter	408	6	....	....	....	....	....	....	....	2.11	....	0.80	0.0	7	16	6	9	nw.	O. B. McSpadden
Crosset	Ashley	175	21	81.5	....	103	3	65	18	29	12.89	+8.54	7.13	0.0	9	7	9	15	sw.	G. A. Gifford
Danville	Yell	327	17	....	....	....	....	....	....	....	2.96	−0.20	0.95	0.0	9	4	21	6	s.	J. M. Patterson
Dardanelle	Yell	330	47	82.4	+0.7	102	2†	66	20†	29	1.39	−1.98	0.41	0.0	6	6	19	6	s.	Geo. N. Goodier
DeValls Bluff	Prairie	153	6	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Dumas	Desha	162	28	82.8	+1.0	107	3	63	18†	33	8.01	+4.41	4.11	0.0	10	5	14	12	s.	Ben Johnson
Dutton	Madison	1590	30	76.9	+1.7	104	10	55	16	41	2.95	−1.26	1.54	0.0	7	12	15	4	s.	J. M. Ricketts
El Dorado	Union	270	33	82.8	+0.8	104	3	67	27	27	12.09	+8.15	5.50	0.0	10	0	18	13	se.	J. J. Babb
England	Lonoke	229	26	81.2^{e}	−0.1	107^{e}	3	64^{e}	18	32^{e}	8.39	+5.76	....	0.0	11	13^{e}	6^{e}	7^{e}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	81.2	+3.2	103	2†	62	6	33	1.72	−2.37	0.53	0.0	7	13	13	5	sw.	Geo. W. Nicholds
Fayetteville	Washington	1451	46	81.6	+3.6	102	2†	63	16	34	4.25	+0.10	2.81	0.0	11	10	15	6	ne.	University of Arkansas
Fort Smith	Sebastian	457	52	84.1	+2.6	104	10	69	25	27	2.95	−0.42	1.35	0.0	10	5	14	12	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	9	....	....	....	....	....	....	....	2.98	....	1.60	0.0	6	17	3	11	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	....	....	....	....	....	....	....	5.39	+2.07	2.15	0.0	9	10	8	13	....	T. J. Logan
Georgetown	White	200	21	....	....	....	....	....	....	....	7.64	+4.95	2.75	0.0	10	13	2	16	....	W. R. Owens
Gilbert	Searcy	675	9	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Grannis	Polk	900	14	80.6	+1.8	109	11	62	17†	38	3.96	−0.11	0.90	0.0	15	6	16	9	ne.	W. E. McVay
Gravette	Benton	1250	36	80.9	+3.7	104	2	61	16†	31	4.23	+0.12	1.36	0.0	6	8	15	8	se.	A. F. Stevens
Harrison	Boone	1052	33	80.4	+3.6	104	2	61	17	36	3.30	−0.73	1.35	0.0	9	19	9	3	ne.	Louis R. Keck
Helena	Phillips	250	61	80.8	−0.8	100	3	64	18	29	8.70	+4.94	3.92	0.0	7	5	14	12	sw.	James A. Burnett
Higden	Cleburne	445	14	....	....	....	....	....	....	....	2.94	+0.08	0.87	0.0	7	15	12	4	s.	Trumon Brown
Highland	Pike	....	14	84.4	....	105	11	66	28	34	2.90	+0.43	1.45	0.0	9	2	22	7	s.	J. O. Cooley
Hope	Hempstead	377	63	83.0	+1.6	106	11	60	22	37	4.46	+0.14	2.23	0.0	8	14	11	6	s.	N. P. O'Neal
Hot Springs	Garland	600	42	82.0	+0.5	103	10	66	27	30	2.37	−1.84	0.94	0.0	12	7	17	7	s.	National Park Service
Index.‡‡	Little River	275	8	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Jessieville	Garland	750	7	....	....	....	....	....	....	....	3.40	....	1.00	0.0	9	3	19	9	....	U. S. Forest Service
Jonesboro	Craighead	345	38	81.8	+1.4	103	2	63	18	31	5.33	+2.10	3.75	0.0	7	21	4	6	sw.	Benedictine Sisters
Lead Hill	Boone	650	27	81.7	+2.3	107	2†	59	17	39	1.29	−2.99	0.32	0.0	9	21	4	6	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	81.0	+0.1	101	3	67	27	23	3.97	+0.47	1.51	0.0	12	10	5	16	e.	U. S. Weather Bureau
Lurton	Newton	2100	7	79.0^{d}	....	99^{d}	13	59^{e}	7	35^{e}	3.55	....	1.47	0.0	4	21^{b}	2^{b}	6^{h}	s.	Miss Mary Sutton
Lutherville.‡‡	Johnson	775	34	81.7	+2.1	105	3	65	14†	38	4.06	+0.37	1.14	0.0	10	11	10	10	se.	H. G. Lennardt
Madison	St. Francis	....	3	....	....	....	....	....	....	....	9.86	....	5.15	0.0	7	13	0	18	....	J. W. Eppes
Magnolia	Columbia	315	17	82.5	+0.4	103	11	67	20	29	10.04	+6.60	3.35	0.0	11	1	24	6	se.	State Agri. School
Malvern	Hot Springs	277	47	82.2	+1.1	108	3	65	20	34	3.51	−0.01	1.05	0.0	11	16	9	6	se.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	29	79.2	+1.0	98	2†	61	19	33	3.39	−0.02	1.80	0.0	5	13	12	6	s.	S. F. Whittaker
Marianna	Lee	235	21	81.0	+0.2	102	3	62	18	26	6.58	+3.52	3.38	0.0	10	5	15	10	ne.	C. N. Houck
Marked Tree	Poinsett	229	28	80.1	−0.7	100	1†	59	18	36	5.27	+2.01	2.41	0.0	7	19	7	5	n.	Charles Walton
Marshall	Searcy	1070	19	78.5	−0.4	101	2	58	20	37	3.47	−0.31	0.92	0.0	11	15	6	10	s.	A. J. Parks
Mena	Polk	1185	45	80.4	+0.5	101	2†	65	19†	32	5.11	+1.07	1.24	0.0	17	7	8	16	sw.	E. W. St. John
Morrilton	Conway	347	14	80.7	....	102	2†	66	20†	30	2.89	+0.44	1.06	0.0	9	10	12	9	se.	Miss Ruby Cook
Mountain Home	Baxter	800	21	80.6	+2.4	106	2	60	20	38	4.33	−0.01	2.30	0.0	6	5	13	13	s.	B. S. Halbert
Mount Ida	Montgomery	650	34	80.2	+0.6	107	3	61	22	38	2.49	−1.08	0.65	0.0	9	11	10	10	e.	G. A. Whittington
Newport	Jackson	231	50	80.7	−0.5	100	2†	61	18	33	7.55	+4.49	2.34	0.0	7	12	12	7	n.	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	2.57	....	0.92	0.0	11	6	10	15	....	U. S. Forest Service
Oden	Montgomery	800	7	....	....	....	....	....	....	....	4.77	....	1.48	0.0	11	6	15	10	se.	U. S. Forest Service
Okay	Howard	288	4	82.4	....	106	3	63	27	34	6.26	....	2.51	0.0	12	9	15	7	s.	Charles R. Jackson
Osceola	Mississippi	240	37	81.6	+1.2	101	2	63	17†	31	4.85	+1.36	2.00	0.0	5	16	8	7	s.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	38	84.6	+2.8	106	2	67	16†	34	1.16	−2.24	0.43	0.0	5	15	1	15	e.	Orkney O. Milton
Paragould	Greene	301	10	....	....	....	....	....	....	....	7.30	....	2.78	0.0	7	19	8	4	se.	W. R. Heagler
Parkin	Cross	....	3	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Patterson	Woodruff	196	17	....	....	....	....	....	....	....	7.29	+4.22	2.00	0.0	7	19	3	9	sw.	W. E. Baker
Piggott	Clay	307	9	....	....	....	....	....	....	....	3.99	....	1.50	0.0	7	19	6	6	ne.	V. C. Wright
Pine Bluff	Jefferson	215	46	81.6	−0.8	103	3	67	27	26	6.31	+2.87	2.05	0.0	13	11	9	11	sw.	Miss Theresa Schou
Pocahontas	Randolph	300	40	80.4	+0.2	101	2†	60	7	35	3.65	−0.55	1.65	0.0	7	10	11	10	ne.	Benedictine Sisters
Portland	Ashley	122	27	81.8	0.0	103	3	62	18	32	9.07	+5.23	5.33	0.0	10	3	17	11	s.	W. E. Edmiston
Prescott	Nevada	329	45	83.3	+1.4	105	3	66	28	31	3.58	+0.37	1.20	0.0	11	6	13	12	s.	Craig Williams
Rison	Cleveland	243	33	81.8	+0.3	103	3	65	27	33	7.88	+4.47	2.60	0.0	9	11	11	9	sw.	Mrs. M. V. Tisdale
Rogers	Benton	1385	42	81.0	+3.9	104	2†	61	16†	37	4.50	+0.42	2.85	0.0	7	14	10	7	s.	Carl A. Starck
St. Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	....	.	..	.	.	....	
St. Francis	Clay	290	6	....	....	....	....	....	....	....	3.34	....	1.54	0.0	6	21	4	6	....	S. T. Rooney
Searcy	White	236	23	79.6	−1.1	100	2	62	20	29	6.65	+4.09	1.77	0.0	10	20	3	8	sw	Arthur D. Smith
Springbank‡‡	Miller	240	26	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Story	Montgomery	700	9	....	....	....	....	....	....	....	3.12	....	0.60	0.0	9	16	9	6	s.	S. C. Story
Stuttgart	Arkansas	209	46	82.3	+1.3	105	3	64	18	30	8.64	+5.02	3.36	0.0	9	12	11	8	sw.	Mrs. Kress Swim
Subiaco	Logan	1050	36	84.9	+3.4	106	3	65	27	36	1.78	−1.53	0.93	0.0	6	9	10	12	se.	New Subiaco Abbey
Sunset	Washington	....	2	79.2	....	99	3†	62	27	24	1.35	....	0.38	0.0	8	13	13	5	sw.	Walter James
Texarkana	Miller	332	48	82.2	−0.2	108	11	63	19	31	7.70	+4.28	3.14	0.0	13	7	7	17	s.	H. S. Brashear
Thornburg	Perry	650	13	80.6	....	106	3	60	7†	41	3.61	−0.58	1.05	0.0	12	9	15	7	s.	Edward E. Holmes
Waldron	Scott	675	14	....	....	....	....	....	....	....	5.71	+2.27	2.04	0.0	14	3	13	15	se.	Dr. Cheves Bevill
Warren	Bradley	206	39	82.7	+0.5	103	3	67	26†	25	7.42	+4.08	2.50	0.0	11	14	9	8	se.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	....	....	....	....	....	....	....	3.30	....	1.61	0.0	8	3	15	13	sw.	J. R. Huddleston
Whitecliffs	Little River	290	29	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Wilson	Mississippi	237	8	79.8	....	100	2	59	18	30	4.00	....	1.50	0.0	5	17	7	7	s.	D. O. Anderson
Wynne	Cross	250	25	79.6	−1.7	100	2†	61	17	35	8.63	+5.24	4.72	0.0	7	16	8	7	s.	R. T. Cobbs
Yancopin	Desha	167	9	....	....	....	....	....	....	....	9.40	....	4.59	0.0	10	11^{a}	5^{a}	14^{a}	....	W. E. Barton
State Means				81.4	+1.1	109	10†	55	16	41	5.01	+1.15	7.13	0.0	9	12	10	9	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for July, 1933

Day of Month

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita												.23							1.00				.21	.18	.16		.25	.10	.50			2.63
rkadelphia	Ouachita				.75	.01					.15	T.	.91				T		T.	T.				.02	.40	.27	.08	.10	.19	.19	.26		3.33
rkansas City	Mississippi										.45	.05					1.32	.04					.40		.10	1.14	2.31	1.70	.24	19	T.		7.94
rlberg	White																									.91		1.09	.15				2.15
atesville	White									T.	1.48						.06							T.	.21	.07	.81	1.37	.37		.07		4.44
ee Branch	Arkansas																							T.	.10	.67	.43	.95	.10	.10	T.		2.35
entonville ***	Arkansas			1.12					T.	.48	T					.02			1.62	.10				.22	.67	.01		T	.03		T	.30	4.57
ig Lake Outlet	St. Francis									.44	T.														T.	1.30	.88	1.74	.10				4.46
lack Rock	White				.40						.04					.04									.13	.22	.44	3.44	.64				5.35
lytheville	St. Francis	.02								.57	.23													.16	T.	2.58	1.20	1.70	T.	.05			6.51
ooneville	Arkansas							.03			.03		T.			.70		.02		.01		T.		.25	.30	.03	.05	.73			.01		2.16
rinkley	White				.54						1.25	35												T.	.12	.59	2.00	4.15	.02		.36		9.38
alico Rock	White									.35	.06					.05									T.	.90	1.10	.85	.40				3.71
amden	Ouachita												.10				.15							.10	3.12	3.29	.48	.05		.30	.67		8.26
arthage	Ouachita											.14	.32	.10				2.65							.06	.85	1.40	.35	.17	.02	.87	.23	7.16
enter Point	Red															T.		.01		.45			.72	.42	.22			.25		.17	T.		2.24
larendon	White										1.25	.28											.80	.05	.04	.50	1.75	5.13	.10		.13		9.53
linton	White															T.			T.				T.	.02	.46	.37	.28	.88	.02	T.	T.		2.03
onway	Arkansas			2.20							.58								.03					.04	1.04	.42	.97	.24	.07	.94	.14		6.67
orning	White										.14					.07										1.64	.46	1.46	.15				3.92
otter	White									.23	T.									.06						.80	.32	.44	.21	.05			2.11
rossett	Ouachita										T.	.28				.25							T.	.10	1.34	2.87	7.13	.19		.03	.70		12.89
anville	Arkansas				.15								.08				.05			.05					.28	.25	.95	.90	.25				2.96
ardanelle	Arkansas											.23													.19	.16	.22	.41	.18				1.39
e Valls Bluff	White										1.80																						
umas	Mississippi								T		.23	.11					.13			T.			T.	.15	.45	1.40	4.11	.85	.10		.48		8.01
utton	White		T.		T.					T		T.						T.	T.	.30					1.54	.18	.10	.66	.05	.12			2.95
l Dorado	Ouachita				T.						T.		.09			.58	.15						T.	.45	1.65	5.50	3.02	.12	.18	T.	.35		12.09
ngland	Arkansas			.09						.36	.63					.06				.14				.08	1.44	*	4.80	.11		.68			8.39
ureka Springs	White			.22						.53									.27	.25					.18	.22		.05					1.72
ayetteville	White			.04	T.					.12									.06	2.81		.12		.42	.46	.11		.07	.02		T.	.02	4.25
ort Smith ***	Arkansas										T.	.08		T.		.38	T.	.05	.04	T.				.49	.90	.71	.10	.18	T.		T.	.02	2.95
reeman Sprgs.	Arkansas																T.	.12							.22		1.60	.07	.58	.39			2.98
ulton	Red				T.		T.							T.	T.				T.	.93	.10		.35	.13	2.15	.84	.27	.18		T.	.44		5.39
eorgetown	White									.47	.83											T.	.12	.23	.60	1.75	2.75	.12	.53	.24			7.64
ilbert	White				T.	T.				.10		.01																					
rannis	Red				.05						T.	.18		T.		.01		.78	.02	.90			.60	.36	.14	.23	.02	.05	.45	.15	.02	T.	3.96
ravette	Arkansas			1.36						.48		T.		T					1.06	.24				.25	.84						T.		4.23
arrison	White			.35						1.35						.01			.48							.15	.06	.34	.55		.01		3.30
elena	Mississippi										3.92	.25												.12		.22	1.98	2.15		.06			8.70
igden	White										.26	.18													.20	.41	.87	.64		.38			2.94
ighland	Ouachita											.03				.02				.07			.22	.16	.61	.06		1.45		.28			2.90
ope	Red					T.										.06			T	.59	T.		.16	.88	2.23	.35	.08				.11		4.46
ot Springs	Ouachita			.06						.15						.20		.29					.03	.15	.94	.01	.14	.11		.26	.03		2.37
ndex	Red																																
essieville	Ouachita				1.00						.15	.25												*	1.00	.35			.25	*	.40		3.40
onesboro	White									.25						T.									.02	.36	.73	3.75	.19	T.	.03		5.33
ead Hill	White								.32	.17									.09	.07					.24	.03	.05	.02	.30				1.29
Little Rock ***	Arkansas			.41			T.			.09	T.					.06			T.	.03				.23	1.44	.21	.85	.16	.14	.34	.01		3.97
urton	White																							.51	1.23			1.47		.34			3.55
utherville	Arkansas			1.10						T.	.20					.16			.02	.15				.09	.37	1.14		.73	.10				4.06
Madison	St. Francis										2.03	.05					.25								.48	.45	1.45	5.15			T.		9.86
Magnolia	Red				.03	.03																1.70	.75	.35	3.20	3.35	.05		.14	.40	.04		10.04
Malvern	Ouachita				.15						.15		.38				1.05								.40	.56	.20	.10	.05	.35	.12		3.51
Mammoth Spg.	White									T.	.22	T.														.42	T.	1.80	.85			.10	3.39
Marianna	St. Francis									2.20	.02	.05				.12								.12	.02	.46	3.38	.20	.01				6.58
Marked Tree	St. Francis										.04													T.	.27	.40	2.00	2.41	.13	.02			5.27
Marshall	White				.11					.12									.05	.08					.77	.91	.31	.92	.10	.08	.02		3.47
Mena	Ouachita				.59						T.	.15	.03		.04		1.24		.07	.23	.01			.32	.93	.53	.24	.59	.08	.02	.03	.01	5.11
Morrilton	Arkansas				1.06						.08	T.								.14					.15	.51	.50	.30	.07	T.		.08	2.89
Mountain Home	White									.55	.02					T.									2.30	.56		.80	.10				4.33
Mount Ida	Ouachita			04									.15			.32			.65					.15	.63			.36	.05	.14			2.49
Newport	White										2.34														.51	.46	1.80	1.87	.52		.05		7.55
Norman	Ouachita											.01	.14				.30		.02	.92					.45	.17	.09	.24	.01		.22		2.57
Oden	Ouachita				1.48								.03				1.00	.03	.25	.03				.09	.83	.90		.12	.01			T.	4.77
Okay	Red			.15												.03		.11		2.51			.44	.68	1.08	.46	.13	.07	.12	.48			6.26
Osceola	Mississippi																								T.	1.00	2.00	1.20	.03			.60	4.83
Ozark	Arkansas				T.							T.				T	T.			.09					T.	.10	.21	.33	.43				1.16
Paragould	St. Francis				T						.37			.13	T					T.	T.					2.78	1.01	2.76	.21		.04		7.30
Parkin	St. Francis																																
Patterson	White										.76													.92	.22	2.00	1.60	1.39	.40				7.29
Piggott	St. Francis	T.								.10						T.								.16	.90	.92	.36	1.50			.05		3.99
Pine Bluff	Arkansas				.03						.44	.12					.04			.01				.10	.78	1.39	2.05	.48	.08	.62	.17		6.31
Pocahontas	White									.03						.23								.23	.45	.26	.80	1.65					3.65
Portland	Ouachita								T.		.04	.43					.15							.24	.21	1.92	5.33	.63		.04	.08		9.07
Prescott	Ouachita																.22			.02			.01	.42	1.20	.80	.06	.08	.23	.11	.43		3.58
Rison	Ouachita											.25					.82							.66	1.35	1.40	2.60	.15		.10	.55		7.88
Rogers	White			.52						.30									.21	2.85				.02	.30			.30					4.50
St. Charles	White																																
St. Francis	St. Francis	T.		.08						T	T.					T.				T.					.12	.74	.76	1.54	.10		T.	T.	3.34
Searcy	White									T.	.96	1.57												.40	.06	.44	1.77	1.40	.02	.02		.01	6.65
Springbank	Red																																
Story	Ouachita				.20												.42				.42			.34	.22	.52	28	.60	.12				3.12
Stuttgart	Arkansas										.54	.05								.04			T.		.08	.65	3.20	3.36	T.	.05	.67		8.64
Subiaco	Arkansas									T.	T.		.24										T.		.17	.33	.02	.93	.09				1.78
Sunset	Arkansas			T.		T.				T.		T.				.07			.05	.33					.24	.18		.38	.01	T.	.09		1.35
Texarkana	Red					T.							.06	.16	.53		.07		.13	1.13			.18	.51	3.14	1.00	.10	.06			63		7.70
Thornburg	Arkansas				.12					.11	T.					.07						.05	.06	.10	1.05	.42	.62	.86	.07	.08	T		3.61
Waldron	Arkansas			.07						T.	T.	.04				2.04		.33	.03	.02				1.26	.37	1.05	.31	.11	.04	.02	.02	T.	5.71
Warren	Ouachita										T	.50					.22			T.				.40	.50	2.50	2.10	.30	.20	.50	.10	.10	7.42
Waters	Ouachita				.32												.25	*	.35						1.61	.62		*	.15				3.30
Whitecliffs	Red																																
Wilson	Mississippi										.75														.10	.40	1.25	1.50					4.00
Wynne	St. Francis										1.80	.26													.62	.28	.77	1.72	.18				8.63
Yancopin	Arkansas									.01	.64	.03					T.	.07		T.				.04	.12	2.52	4.59	1.36	.02	T.	T.		9.40

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.8	2.8	2.8	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8
Calico Rock	do	18	0.5	0.9	1.1	1.3	0.5	0.5	0.3	0.3	0.5	0.4	0.6	0.5	0.6	1.0	0.7	0.6	0.4	0.3	0.3	0.0	-0.1	-0.1	0.1	0.2	1.0	0.5	0.6	0.3	0.6	1.0	0.6
Batesville	do	23	5.2	5.0	5.5	5.6	5.8	5.3	5.2	5.0	5.0	5.7	5.1	5.2	5.2	5.3	5.3	5.2	5.1	5.0	4.9	4.9	4.6	4.7	4.5	4.5	4.9	6.1	5.4	5.5	5.3	5.3	5.5
Newport	do	26	3.1	2.9	2.9	2.9	2.9	2.8	2.6	2.4	2.3	2.3	3.4	2.7	2.5	2.4	2.3	2.2	2.2	2.0	1.9	1.8	1.8	1.5	1.5	1.4	1.4	2.0	2.9	3.2	3.5	3.0	2.7
Georgetown	do	22	5.0	4.7	4.3	4.0	3.8	3.7	3.5	3.4	3.3	3.7	4.2	4.0	3.6	3.3	3.0	2.9	2.8	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.9	2.2	2.9	3.5	4.0	4.1	4.2
De Valls Bluff	do	24	9.7	9.4	9.0	8.7	8.4	8.2	8.0	8.0	7.8	7.6																					
Clarendon	do	30	12.5	12.3	11.9	11.6	11.2	10.9	10.7	10.6	10.5	10.4	10.2	10.1	10.5	10.7	10.6	10.3	10.0	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.8	8.9	11.4	11.6	11.4	11.7	12.0
Gilbert	Buffalo	30	2.5	2.5	2.5	2.5	3.7	2.9	2.6	2.6	2.7	2.7	2.7																				
Black Rock	Black	14	3.9	3.8	3.7	3.6	3.5	3.3	3.3	3.3	3.3	3.2	3.2	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.0	3.1	3.0	2.6	2.5	2.4	2.7	2.9	3.4	4.4	3.6	3.1	2.8
Arkadelphia	Ouachita	12	-1.2	-1.2	-1.2	-1.2	-1.4	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	1.2	-1.4	-1.4	-1.0	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.0	-1.2	-1.2	-2.2	-1.2	-1.2	-1.2
Camden	Ouachita	26	4.3	3.9	4.0	3.9	3.6	3.8	3.9	3.9	3.9	3.9	3.8	3.8	4.0	3.9	3.8	3.8	3.9	3.8	3.9	3.9	3.8	3.9	3.9	3.9	4.4	4.4	4.8	4.9	4.9	5.0	4.8
Fulton	Red	28	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8	8.0	7.8	7.4	7.3	7.5	7.7	7.9	7.5	7.4	7.3	7.2	7.2
Helena	Mississippi	44	13.7	13.7	13.4	12.8	12.6	13.3	14.7	16.3	17.2	17.4	16.5	15.5	14.9	14.6	14.1	13.6	13.3	12.9	12.4	12.0	11.9	12.0	11.8	10.9	10.4	10.1	10.3	10.6	11.3	12.2	13.2
Arkansas City	do	43	16.1	15.4	15.0	14.5	13.9	13.5	13.7	14.7	16.1	17.4	17.7	17.3	16.5	15.8	15.2	14.8	14.3	13.8	13.4	12.9	12.4	12.2	12.2	12.0	11.5	11.4	11.1	11.2	11.5	12.0	12.7

Daily temperatures for July, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	90	87	92	101	95	94	94	98	104	102	107	101	103	104	100	100	101	92	88	95	101	94	83	80	83	82	76	83	..	..	92	93.9
	Minimum	76	74	76	76	75	70	71	74	75	75	76	75	68	70	67	65	67	69	69	68	67	71	72	72	71	70	66	66	68	..	..	71.1
Batesville §§	Maximum	93	102	96	90	86	91	94	95	88	85	97	93	94	93	92	92	90	83	90	94	98	95	86	86	78	71	80	87	86	90	90	90.1
	Minimum	72	71	[illegible]	72	62	64	62	68	76	73	74	69	63	63	68	61	59	58	65	[illegible]	64	68	69	73	72	70	67	70	72	71	72	67.7
Bee Branch	Maximum	101	105	104	94	90	89	96	[illegible]	93	100	98	95	97	100	97	92	94	90	96	97	98	96	92	86	82	74	76	88	85	92	92	93.1
	Minimum	73	72	77	74	69	68	67	71	77	75	76	75	68	66	73	68	68	64	69	64	69	70	71	74	70	69	66	69	71	72	74	70.6
Bentonville	Maximum	98	101	100	91	89	90	95	92	96	95	97	95	90	96	90	91	95	77	86	90	94	93	83	81	84	82	81	87	87	82	84	90.2
	Minimum	75	73	74	72	67	66	70	73	69	76	76	74	71	68	68	62	62	67	65	65	71	70	73	70	67	64	64	68	69	71	74	69.5
Blytheville	Maximum	100	101	97	91	91	94	91	96	85	93	96	93	95	96	93	92	91	85	93	97	99	97	86	92	76	73	83	86	89	91	94	91.7
	Minimum	75	76	75	66	67	64	63	72	73	73	71	65	65	70	71	65	61	60	65	67	69	72	73	72	71	68	68	70	71	72	72	69.1
Booneville	Maximum	99	104	106	99	94	97	95	[illegible]	103	109	104	101	99	103	100	94	96	86	87	97	102	96	89	84	83	87	82	88	88	85	93	95.2
	Minimum	71	71	75	78	73	68	74	74	78	76	77	80	73	69	70	68	71	72	70	67	70	75	71	74	71	69	68	70	72	74	75	72.6
Brinkley	Maximum	100	102	104	90	89	92	95	96	93	95	95	92	95	97	92	92	92	92	93	97	98	99	86	85	78	75	78	86	89	93	91	92.5
	Minimum	72	77	74	68	68	67	67	76	76	73	72	71	70	70	68	66	68	58	67	62	67	70	71	73	79	68	67	67	70	70	71	69.3
Calico Rock§§	Maximum	103	105	98	92	91	91	97	100	94	97	98	95	[illegible]	101	94	93	96	86	95	98	102	98	96	87	81	75	76	[illegible]	87	91	92	93.3
	Minimum	73	72	75	74	62	65	68	71	76	75	75	76	65	63	61	63	60	63	67	59	67	69	73	71	72	70	66	68	73	73	74	69.0
Camden§§	Maximum	99	102	105	97	90	93	92	96	96	95	104	97	100	100	100	97	94	93	92	97	98	93	[illegible]	85	82	79	[illegible]	83	[illegible]	90	[illegible]	93.5
	Minimum	75	74	71	73	77	..	..	..	..	..	..	..	..	72	72	70	65	70	71	67	70	71	73	71	70	68	67	67	72	71	73	71.0
Carthage §§	Maximum	97	101	104	94	92	93	92	94	96	93	97	[illegible]	[illegible]	100	96	91	90	[illegible]	[illegible]	94	93	[illegible]	[illegible]	74	76	77	78	85	87	87	92	[illegible]
	Minimum	..	69	73	75	75	68	66	70	74	76	73	75	[illegible]	69	70	71	66	[illegible]	65	[illegible]	[illegible]	76	71	72	69	68	66	65	67	69	71	69.6
Center Point	Maximum	102	104	105	101	93	93	98	98	101	[illegible]	102	99	102	103	102	98	[illegible]	95	[illegible]	97	[illegible]	91	[illegible]	[illegible]	[illegible]	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	75	75	75	[illegible]	76	72	[illegible]	74	76	77	77	[illegible]	75	73	73	69	[illegible]	71	[illegible]	70	71	72	72	73	71	[illegible]	[illegible]	65	71	72	[illegible]	[illegible]
Conway	Maximum	101	104	106	[illegible]	87	91	[illegible]	96	96	101	96	95	99	102	100	[illegible]	95	91	92	97	[illegible]	97	[illegible]	93	[illegible]	77	79	90	86	91	92	93.8
	Minimum	73	73	74	71	69	69	70	73	79	75	75	[illegible]	68	69	72	69	70	65	70	[illegible]	70	72	[illegible]	72	71	[illegible]	67	68	72	71	[illegible]	71.2
Corning	Maximum	100	102	[illegible]	89	94	93	[illegible]	99	89	96	99	96	96	99	93	95	94	[illegible]	98	100	101	100	[illegible]	[illegible]	77	75	81	88	[illegible]	91	93	[illegible]
	Minimum	76	76	78	65	66	63	[illegible]	70	69	[illegible]	69	65	63	64	70	64	59	[illegible]	66	62	66	[illegible]	71	71	71	67	[illegible]	71	71	72	73	[illegible]
Crossett §§	Maximum	91	97	103	101	81	94	95	95	97	87	[illegible]	96	98	93	95	90	[illegible]	94	[illegible]	95	98	[illegible]	91	76	71	79	[illegible]	82	92	92	[illegible]	91.4
	Minimum	71	71	75	76	74	70	[illegible]	72	75	76	76	77	71	72	72	76	67	[illegible]	71	[illegible]	72	72	[illegible]	72	[illegible]	66	67	67	71	70	72	71.6
Dardanelle	Maximum	100	102	102	96	90	91	[illegible]	97	94	102	98	95	95	98	94	94	93	[illegible]	[illegible]	95	[illegible]	[illegible]	[illegible]	[illegible]	77	82	77	89	86	89	93	[illegible]
	Minimum	76	74	77	77	[illegible]	69	[illegible]	73	80	75	76	78	67	69	81	67	69	[illegible]	71	[illegible]	[illegible]	71	[illegible]	73	71	[illegible]	66	70	73	74	[illegible]	72.2
Dumas	Maximum	101	102	107	100	[illegible]	95	[illegible]	[illegible]	97	91	98	96	101	102	99	91	96	95	95	97	[illegible]	92	[illegible]	80	86	79	99	87	91	96	97	94.1
	Minimum	75	75	75	79	73	[illegible]	[illegible]	[illegible]	76	75	77	75	68	78	71	69	67	63	63	[illegible]	[illegible]	71	72	74	75	68	65	65	72	71	73	71.4
Dutton	Maximum	99	101	[illegible]	[illegible]	89	[illegible]	[illegible]	91	[illegible]	104	98	96	90	98	91	94	93	81	[illegible]	[illegible]	97	[illegible]	[illegible]	[illegible]	[illegible]	80	69	83	[illegible]	80	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	65	65	60	66	61	[illegible]	70	[illegible]	70	78	62	57	[illegible]	55	57	61	60	[illegible]	62	[illegible]	[illegible]	67	62	[illegible]	62	[illegible]	67	67	[illegible]	63.9
El Dorado	Maximum	97	99	104	102	[illegible]	94	[illegible]	96	96	95	103	[illegible]	97	92	94	90	[illegible]	95	90	97	97	87	86	77	72	76	87	86	88	90	92	92.1
	Minimum	77	77	77	77	77	[illegible]	73	[illegible]	[illegible]	80	[illegible]	77	76	73	74	73	71	72	73	70	73	[illegible]	73	71	68	[illegible]	67	71	73	72	74	73.6
England	Maximum	99	100	107	[illegible]	[illegible]	94	[illegible]	96	[illegible]	..	..		[illegible]	99	[illegible]	96	..	[illegible]	88	95	[illegible]	[illegible]	[illegible]	[illegible]	75	78	77	..	86	90	[illegible]	91.8
	Minimum	77	73	[illegible]	76	71	69	[illegible]	70	[illegible]				[illegible]	70	70	69	..	64	67	65	70	[illegible]	72	70	[illegible]	65	67	..	67	70	75	70.5
Eureka Springs	Maximum	99	103	103	[illegible]	[illegible]	92	97	94	91	[illegible]	[illegible]	[illegible]	97	101	[illegible]	[illegible]	[illegible]	[illegible]	89	92	90	[illegible]	[illegible]	[illegible]	86	84	75	[illegible]	89	85	[illegible]	92.9
	Minimum	77	76	72	71	66	[illegible]	70	75	68	73	75	71	70	68	73	64	64	[illegible]	64	65	71	[illegible]	72	70	[illegible]	68	64	68	68	72	73	69.6
Fayetteville	Maximum	98	[illegible]	102	[illegible]	[illegible]	91	[illegible]	[illegible]	97	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96	95	97	94	85	90	[illegible]	[illegible]	91	[illegible]	[illegible]	82	80	[illegible]	[illegible]	85	[illegible]	92.5
	Minimum	76	78	[illegible]	71	67	67	[illegible]	75	73	71	75	70	[illegible]	65	75	[illegible]	66	71	66	67	72	72	[illegible]	68	[illegible]	66	64	69	70	73	71	70.6
Fort Smith	Maximum	[illegible]	103	103	[illegible]	[illegible]	94	[illegible]	97	100	101	102	[illegible]	95	100	[illegible]	96	96	[illegible]	[illegible]	[illegible]	97	97	[illegible]	[illegible]	[illegible]	89	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	77	77	80	[illegible]	74	71	[illegible]	77	79	[illegible]	[illegible]	[illegible]	75	75	[illegible]	70	71	[illegible]	70	[illegible]	[illegible]	[illegible]	73	71	[illegible]	71	70	70	73	75	75	74.3
Gravette	Maximum	[illegible]	[illegible]	102	[illegible]	91	94	97	[illegible]	[illegible]	102	[illegible]	96	[illegible]	98	94	92	96	[illegible]	90	92	[illegible]	[illegible]	[illegible]	[illegible]	84	[illegible]	[illegible]	[illegible]	[illegible]	85	[illegible]	92.6
	Minimum	76	74	74	71	67	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67	73	61	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66	70	62	67	[illegible]	70	72	69.2
Harrison	Maximum	101	104	[illegible]	[illegible]	85	91	97	94	91	[illegible]	[illegible]	[illegible]	93	97	91	94	95	[illegible]	92	[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	82	77	87	[illegible]	[illegible]	[illegible]	92.2
	Minimum	71	71	70	[illegible]	63	63	65	73	71	[illegible]	72	[illegible]	[illegible]	64	71	[illegible]	[illegible]	[illegible]	[illegible]	62	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	69	[illegible]	72	71	68.5
Helena	Maximum	95	[illegible]	100	90	[illegible]	90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93	95	96	92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80	82	79	85	[illegible]	91	[illegible]	[illegible]
	Minimum	75	75	76	[illegible]	69	[illegible]	[illegible]	73	70	72	[illegible]	[illegible]	71	70	70	[illegible]	[illegible]	64	69	[illegible]	71	[illegible]	[illegible]	71	70	[illegible]	69	71	[illegible]	70	74	70.9
Hope	Maximum	[illegible]	[illegible]	105	[illegible]	[illegible]	97	[illegible]	[illegible]	99	[illegible]	[illegible]	100	106	102	102	94	97	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80	[illegible]	86	[illegible]	[illegible]	90	[illegible]	95.2
	Minimum	76	[illegible]	74	[illegible]	76	[illegible]	72	77	77	[illegible]	[illegible]	[illegible]	73	72	73	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61	[illegible]	65	[illegible]	65	67	[illegible]	70	72	[illegible]
Hot Springs	Maximum	97	[illegible]	102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]	81	90	[illegible]	[illegible]
	Minimum	76	[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]	69	72	70	[illegible]	[illegible]	[illegible]	71	[illegible]	71	[illegible]	72	72	70	69	[illegible]	67	71	71	[illegible]	71.8
Jonesboro	Maximum	[illegible]	[illegible]	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94	94	93	[illegible]	96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]	87	[illegible]	[illegible]	92.8
	Minimum	[illegible]	77	80	70	[illegible]	65	[illegible]	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69	[illegible]	67	68	[illegible]	70	68	[illegible]	[illegible]	[illegible]	[illegible]	71	66	[illegible]	70	72	72	[illegible]	70.9
Lead Hill	Maximum	[illegible]	[illegible]	99	[illegible]	[illegible]	96	[illegible]	96	[illegible]	99	100	[illegible]	[illegible]	100	[illegible]	95	98	[illegible]	[illegible]	99	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	92	[illegible]	[illegible]	95.2
	Minimum	71	[illegible]	73	[illegible]	62	[illegible]	[illegible]	70	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60	59	67	60	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69	[illegible]	[illegible]	70	71	72	[illegible]
Little Rock	Maximum	[illegible]	[illegible]	101	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93	97	[illegible]	91	90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	74	[illegible]	87	84	88	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	72	72	[illegible]	75	78	[illegible]	[illegible]	77	72	[illegible]	73	71	70	[illegible]	70	69	[illegible]	[illegible]	[illegible]	[illegible]	71	67	67	[illegible]	72	72	[illegible]	72.1
Lurton	Maximum	[illegible]	97	97	[illegible]	..	89	[illegible]	[illegible]	[illegible]	[illegible]	..	93	99	[illegible]	[illegible]	[illegible]	95	[illegible]	97	96	[illegible]	[illegible]	[illegible]	[illegible]	..	..	79	[illegible]	[illegible]	84	[illegible]	90.9
	Minimum	[illegible]	[illegible]	71	[illegible]	..	[illegible]	[illegible]	[illegible]	72	[illegible]	..	70	70	..	65	[illegible]	69	[illegible]	62	[illegible]	[illegible]	[illegible]	[illegible]	67	..	..	63	62	[illegible]	68	[illegible]	67.1
Lutherville	Maximum	[illegible]	[illegible]	105	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	102	[illegible]	[illegible]	96	[illegible]	92	[illegible]	95	[illegible]	90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.3
	Minimum	[illegible]	72	70	[illegible]	70	69	[illegible]	72	77	77	[illegible]	[illegible]	70	65	74	70	71	[illegible]	66	66	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	71.1
Magnolia	Maximum	[illegible]	[illegible]	94	[illegible]	[illegible]	94	[illegible]	95	[illegible]	[illegible]	[illegible]	[illegible]	99	[illegible]	97	93	94	[illegible]	93	93	[illegible]	[illegible]	[illegible]	74	[illegible]	81	[illegible]	84	[illegible]	90	[illegible]	92.4
	Minimum	[illegible]	[illegible]	73	[illegible]	77	[illegible]	[illegible]	73	76	[illegible]	[illegible]	[illegible]	76	72	72	[illegible]	71	[illegible]	69	67	[illegible]	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	71	72	73	[illegible]	72.6
Malvern	Maximum	[illegible]	102	108	[illegible]	93	[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	[illegible]	99	104	[illegible]	95	94	[illegible]	89	97	[illegible]	[illegible]	[illegible]	[illegible]	82	[illegible]	77	87	[illegible]	91	[illegible]	93.5
	Minimum	72	70	74	[illegible]	71	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	73	[illegible]	70	[illegible]	69	68	[illegible]	70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	[illegible]	67	67	71	70	[illegible]	[illegible]
Mammoth Spring	Maximum	[illegible]	[illegible]	94	91	[illegible]	89	92	[illegible]	79	[illegible]	[illegible]	[illegible]	94	95	[illegible]	90	92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	84	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	73	71	[illegible]	[illegible]	[illegible]	65	[illegible]	70	[illegible]	73	[illegible]	[illegible]	[illegible]	63	75	[illegible]	62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	74	72	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]
Marianna	Maximum	[illegible]	[illegible]	102	[illegible]	[illegible]	92	[illegible]	[illegible]	92	[illegible]	[illegible]	[illegible]	93	95	92	[illegible]	90	[illegible]	[illegible]	92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.7
	Minimum	77	[illegible]	77	[illegible]	71	[illegible]	[illegible]	74	74	75	74	[illegible]	68	74	71	[illegible]	65	[illegible]	69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	71.4
Marked Tree§§	Maximum	100	100	[illegible]	[illegible]	[illegible]	92	[illegible]	95	[illegible]	94	[illegible]	[illegible]	97	[illegible]	92	93	91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87	87	[illegible]	[illegible]	[illegible]	91.5
	Minimum	75	75	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	71	[illegible]	70	[illegible]
Marshall	Maximum	99	101	100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mena	Maximum	[illegible]	101	101	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	74	72	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Morrilton §§	Maximum	96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	74	73	[illegible]	[illegible]	71	70	72	[illegible]	77	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mountain Home	Maximum	104	[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	[illegible]	81	95	[illegible]	91	[illegible]	99	94	[illegible]	[illegible]	82	[illegible]	[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	77	73	[illegible]	[illegible]	[illegible]	94	[illegible]
	Minimum	72	71	77	70	[illegible]	[illegible]	67	70	71	75	73	79	[illegible]	[illegible]	72	61	63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	68	65	[illegible]	[illegible]	70	73	68.3
Mount Ida	Maximum	97	101	107	[illegible]	[illegible]	92	[illegible]	95	98	100	105	96	99	101	[illegible]	[illegible]	92	[illegible]	[illegible]	92	[illegible]	[illegible]	[illegible]	[illegible]	79	[illegible]	75	[illegible]	[illegible]	[illegible]	91	[illegible]
	Minimum	67	65	[illegible]	70	67	65	[illegible]	70	[illegible]	72	71	75	64	65	67	66	63	[illegible]	67	65	[illegible]	[illegible]	72	71	69	67	[illegible]	65	[illegible]	71	73	67.9
Newport	Maximum	[illegible]	100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93	97	93	[illegible]	97	91	[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	97	86	[illegible]	77	76	[illegible]	87	85	90	91	91.0
	Minimum	76	75	78	71	[illegible]	67	[illegible]	72	77	74	75	72	67	68	74	68	[illegible]	61	69	[illegible]	67	[illegible]	72	[illegible]	73	[illegible]	67	68	72	72	[illegible]	70.4
Ozark§§	Maximum	103	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	105	102	[illegible]	100	[illegible]	[illegible]	101	100	[illegible]	92	99	[illegible]	[illegible]	85	[illegible]	85	91	80	[illegible]	91	87	95	[illegible]
	Minimum	[illegible]	72	76	[illegible]	[illegible]	[illegible]	[illegible]	74	78	76	[illegible]	79	72	71	[illegible]	[illegible]	73	74	70	67	[illegible]	[illegible]	74	[illegible]	70	69	67	68	72	[illegible]	[illegible]	73.1
Pine Bluff	Maximum	96	[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	93	92	[illegible]	95	[illegible]	[illegible]	96	[illegible]	92	[illegible]	93	[illegible]	94	[illegible]	[illegible]	[illegible]	79	77	74	78	85	82	[illegible]	90	[illegible]
	Minimum	[illegible]	75	[illegible]	[illegible]	[illegible]	72	[illegible]	75	[illegible]	75	[illegible]	[illegible]	70	[illegible]	[illegible]	71	70	[illegible]	[illegible]	[illegible]	72	73	[illegible]	[illegible]	72	[illegible]	67	[illegible]	72	[illegible]	[illegible]	73.2
Pocahontas	Maximum	98	101	101	[illegible]	90	[illegible]	[illegible]	[illegible]	91	96	99	97	96	[illegible]	[illegible]	95	[illegible]	[illegible]	95	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79	79	78	86	[illegible]	[illegible]	92	[illegible]
	Minimum	75	74	75	[illegible]	[illegible]	[illegible]	60	70	77	72	69	69	[illegible]	66	69	[illegible]	[illegible]	61	[illegible]	[illegible]	[illegible]	[illegible]	70	71	71	67	65	71	70	71	69	[illegible]
Portland	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92	95	97	99	90	[illegible]	97	[illegible]	97	[illegible]	83	91	[illegible]	[illegible]	97	[illegible]	[illegible]	90	[illegible]	[illegible]	[illegible]	86	87	92	92	92	[illegible]
	Minimum	[illegible]	74	[illegible]	[illegible]	74	70	69	[illegible]	[illegible]	75	75	77	71	[illegible]	71	71	66	62	[illegible]	66	[illegible]	[illegible]	71	74	68	67	68	71	72	70	72	71.0
Prescott	Maximum	[illegible]	102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	97	102	[illegible]	[illegible]	101	[illegible]	95	99	95	[illegible]	[illegible]	[illegible]	[illegible]	93	[illegible]	86	82	81	86	[illegible]	93	[illegible]	94.7
	Minimum	75	75	76	[illegible]	[illegible]	[illegible]	[illegible]	73	77	77	77	77	72	[illegible]	[illegible]	69	65	70	69	67	71	[illegible]	72	71	69	69	68	66	70	71	72	71.9
Rison	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98	93	100	[illegible]	100	[illegible]	[illegible]	92	[illegible]	94	95	97	101	[illegible]	[illegible]	81	86	76	79	[illegible]	[illegible]	93	[illegible]	93.0
	Minimum	75	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	75	[illegible]	68	[illegible]	[illegible]	68	67	[illegible]	[illegible]	[illegible]	71	70	71	71	69	66	65	67	70	69	73	70.6
Searcy	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92	[illegible]	[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90	[illegible]	93	[illegible]	[illegible]	78	74	79	87	[illegible]	[illegible]	90	89.6
	Minimum	73	72	75	[illegible]	[illegible]	68	[illegible]	[illegible]	72	72	73	73	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67	70	71	73	71	68	66	69	70	70	71	69.5
Stuttgart	Maximum	[illegible]	101	[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	[illegible]	92	96	91	[illegible]	[illegible]	[illegible]	95	[illegible]	[illegible]	[illegible]	95	[illegible]	[illegible]	89	81	79	75	78	86	88	92	93	92.4
	Minimum	[illegible]	[illegible]	77	[illegible]	[illegible]	69	72	73	78	75	77	[illegible]	69	73	71	71	[illegible]	61	[illegible]	[illegible]	[illegible]	[illegible]	73	71	71	[illegible]	67	69	73	72	74	72.2
Texarkana	Maximum	[illegible]	103	[illegible]	[illegible]	[illegible]	96	[illegible]	[illegible]	101	100	108	100	101	[illegible]	[illegible]	95	[illegible]	[illegible]	86	[illegible]	[illegible]	[illegible]	[illegible]	75	80	[illegible]	79	86	83	85	91	[illegible]
	Minimum	[illegible]	75	75	[illegible]	[illegible]	71	72	73	[illegible]	75	77	75	73	[illegible]	72	68	73	[illegible]	63	71	73	70	71	[illegible]	68	70	69	65	67	70	71	71.2
Thornburg	Maximum	97	[illegible]	106	[illegible]	[illegible]	92	[illegible]	[illegible]	[illegible]	[illegible]	101	[illegible]	100	[illegible]	[illegible]	93	[illegible]	91	87	101	[illegible]	[illegible]	101	83	84	76	71	86	[illegible]	87	[illegible]	92.9
	Minimum	73	[illegible]	77	[illegible]	[illegible]	62	[illegible]	72	71	73	[illegible]	[illegible]	60	[illegible]	66	70	[illegible]	67	[illegible]	69	[illegible]	71	72	71	69	68	65	62	69	70	71	68.2
Warren	Maximum	97	[illegible]	103	[illegible]	[illegible]	93	[illegible]	98	97	[illegible]	97	96	[illegible]	97	95	92	91	92	87	94	[illegible]	[illegible]	84	81	77	75	82	84	[illegible]	90	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	78	71	[illegible]	71	[illegible]	77	79	79	72	75	74	72	70	71	72	70	[illegible]	71	73	[illegible]	70	67	67	70	72	71	74	73.6
Wilson	Maximum	[illegible]	100	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]	91	91	93	[illegible]	93	[illegible]	90	90	[illegible]	[illegible]	[illegible]	95	[illegible]	[illegible]	95	90	75	74	78	87	88	93	93	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	63	[illegible]	[illegible]	71	72	72	71	65	[illegible]	68	[illegible]	64	[illegible]	[illegible]	65	67	[illegible]	73	73	74	70	67	67	70	72	72	71	[illegible]
Wynne	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91	97	[illegible]	[illegible]	94	[illegible]	[illegible]	96	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]	97	91	84	85	76	85	77	89	91	93	95	[illegible]
	Minimum	[illegible]	72	75	70	65	67	66	71	[illegible]	70	72	70	64	[illegible]	71	63	64	64	63	[illegible]	62	61	79	71	68	57	65	65	68	70	70	[illegible]

[illegible] the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark [illegible]-1600

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XXXVIII Little Rock, Ark., August, 1933 No. 8

GENERAL SUMMARY

Maximum temperatures during August, 1933 were below the average in nearly all portions, while minimum temperatures were generally somewhat above the normal. Only three stations reported temperatures as high as 101° and four others 100°. The average temperature for the State, based on the reports of 62 stations, was 79.1° which is 0.6° below the mean for the past 43 years. Of the stations for which normals have been computed, only 10 had positive departures. Monthly means ranged from 73.2° at Dutton in the Ozarks to 83.2° at Center Point in the southwestern portion. The highest temperature recorded was 101° at Amity, Booneville, and Ozark on the 10th which is the lowest maximum temperature for the State since 1906, while the lowest for the month was 49° at Dutton on the 16th.

Showers occurred on an average of 8 days during the month though several stations had as many as 11 and one reported 15 rainy days. Rainfall was heavy to excessive on the 3d and 4th, from the 11th to the 13th, and on the 17th, 28th, and 29th, but the distribution was irregular. In Ashley County, Crossett in the western portion had only 1.04 inches while Portland in the eastern portion had 4.56 inches, 3.50 inches of which fell in two hours on the 29th. One other station had about 1.00 inch while 6 had over 7.00 inches. The average precipitation for the State for the 87 stations reporting was 4.42 inches which is 0.72 inch above the mean for the past 43 years. Of the stations with records of 10 years or more, 41 had positive departures and 28 negative. Monthly totals ranged from 1.01 inches at Warren to 7.88 inches at Freeman Springs. The greatest amount measured in any 24 hours was 4.12 inches at Booneville on the 12th.

The weather was generally favorable for cotton the first 10 days of the month but thereafter the heavy to excessive rainfall caused rank growth, considerable shedding, and complaints of boll weevil damage in many sections. Cotton began opening in southern and central portions by the middle of the month and a few bales were ginned about the 17th or 18th. The rains came too late to benefit early corn but late corn has grown under conditions which were mostly favorable. The weather was favorable for pastures, meadows, rice, and minor crops in nearly all sections.

T. A. M.

Windstorms

Crossett, 12th, one killed and one injured when tree fell across wagon.

Helena, 12th, considerable damage to plate glass windows, trees, and awnings during heavy rainstorm.

Little Rock, 12th, several trees blown down and minor damage from lightning during heavy rainstorm.

Killed and Injured by Lightning

Helena, 12th, one killed.
Roberts Town, 14th, one killed, two injured.
Near Stamps, 27th, one killed, one slightly injured.
Near Elaine, 29th, one killed, four injured.

Moderate Hail

Helena, 12th, slight damage to gardens and shrubbery.

Correction: July, 1933

Mena, highest temperature should be 104° on the 11th.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog												2			3							1								1	3
Light Hail												2												1							
Moderate Hail												1																			
Heavy Hail																															
Thunderstorms	.	19	22	7	6	2	9	17	..	3	18	22	6	20	2	2	6	11	3	3	8	1	.	2	6	1	11	29	14	2	6

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29 95	30.13	15	29.78	24	4.3	12	se	12	....	....	....	58
Fort Smith	29.95	30.13	15	29.76	24	6.4	24	sw	12	85	63	66	50
Little Rock	29.97	30.16	15	29.78	24	5.9	23	sw	14	86	59	66	66
Memphis	29.97	30.17	6	29.77	23	5.6	24	w	3	82	61	66	64

COMPARATIVE DATA FOR AUGUST

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	−3.3	108	39	2.75	−0.97	5.80	0.25	0.0	5	21	8	2
1892	78.3	−1.4	106	47	4.39	+0.67	8.54	0.78	0.0	9	13	11	7
1893	77.3	−2.4	102	48	3.08	−0.64	9.40	0.65	0.0	5	18	9	4
1894	78.1	−1.6	104	48	4.68	+0.91	18.01	1.27	0.0	8	12	11	8
1895	79.4	−0.3	102	55	2.64	−1.08	6.20	0.63	0.0	4	18	9	4
1896	82.6	+2.9	112	48	2.32	−1.40	5.75	0.50	0.0	5	17	9	5
1897	79.6	−0.1	111	45	2.59	−1.13	5.97	0.25	0.0	5	17	10	4
1898	79.4	−0.3	108	54	4.35	+0.63	8.42	1.86	0.0	7	13	13	5
1899	82.2	+2.5	112	54	2.04	−1.68	6.45	0.07	0.0	4	19	9	3
1900	81.1	+1.4	108	57	2.95	−0.77	8.08	0.06	0.0	5	16	12	3
1901	80.5	+0.8	109	52	2.95	−0.77	8.53	0.58	0.0	6	14	13	4
1902	80.7	+1.0	108	51	2.55	−1.17	7.45	0.00	0.0	4	19	9	3
1903	78.7	−1.0	105	47	4.34	+0.62	11.03	0.95	0.0	8	15	12	4
1904	78 1	−1.6	105	46	2.81	−0.91	6.40	0.33	0.0	6	16	12	3
1905	79.1	−0.6	103	51	3.73	+0.01	7.25	0.86	0.0	6	18	10	3
1906	77.9	−1.8	100	42	4.92	+1.20	11.41	0.50	0.0	10	14	10	7
1907	82.0	+2.3	113	54	2.92	−0.80	8.52	0.52	0.0	6	16	10	5
1908	79.3	−0.4	108	52	4.48	+0.76	8.50	1.14	0.0	8	15	10	6
1909	82.4	+2.7	111	47	1.27	−2.45	4.86	0.00	0.0	4	20	8	3
1910	79.2	−0.5	104	43	3.92	+0.20	9.76	0.90	0.0	8	13	12	6
1911	78.0	−1.7	107	45	8.19	+4.47	19.54	3.02	0.0	12	11	11	9
1912	78.7	−1.0	105	45	3.30	−0.42	10.24	0.93	0.0	7	15	10	6
1913	82.1	+2.4	107	46	1.62	−2.10	8.00	0.01	0.0	3	20	10	1
1914	78.5	−1.2	104	57	6.81	+3.09	13.74	2.82	0.0	12	8	11	12
1915	74.7	−5.0	102	40	10.44	+6.72	19.55	3.41	0.0	11	9	9	13
1916	81.8	+2.1	107	46	2.63	−1.09	6.45	0.28	0.0	5	17	9	5
1917	77.1	−2.6	104	43	4.10	+0.38	8.13	0.90	0.0	8	16	7	8
1918	82 6	+2.9	115	52	3.90	+0.18	12.17	0.99	0.0	7	15	9	7
1919	80.6	+0.9	113	55	4.29	+0.57	10.24	1.16	0.0	7	16	8	7
1920	76.8	−2.9	102	46	4.08	+0.36	8.55	1.14	0.0	8	13	9	9
1921	81.5	+1.8	106	56	5.46	+1.74	10.72	0.87	0.0	8	15	9	7
1922	80.4	+0.7	111	51	1.90	−1.82	8.43	0 21	0.0	5	18	8	5
1923	81.9	+2.2	109	49	2.43	−1.29	7.68	T.	0.0	4	18	8	5
1924	82.2	+2.5	108	43	2.40	−1.32	6.46	T.	0.0	5	20	8	3
1925	80.3	+0.6	108	47	1.81	−1.91	7 14	0.00	0.0	4	22	7	2
1926	80.7	+1.0	110	47	5.50	+1.78	12.91	1.08	0.0	10	14	10	7
1927	76.6	−3.1	105	43	6.01	+2.29	12.74	0.48	0.0	10	12	10	9
1928	81.3	+1.6	105	51	4.62	+0.90	10.57	0.73	0.0	7	17	8	6
1929	80.8	+1.1	110	41	1.29	−2.43	4.73	0.00	0.0	3	22	7	2
1930	81.8	+2 1	114	46	2.53	−1.19	7.93	0.23	0.0	5	17	10	4
1931	76.7	−3.0	103	42	4.71	+0.99	14.67	1.29	0.0	9	15	9	7
1932	81.5	+1.8	104	47	1.78	−1.94	5.98	0.00	0.0	5	19	10	2
1933	79.1	−0.6	101	49	4.42	+0.70	7.88	1.01	0.0	8	12	11	8
Period	79.7	.....	115	39	3.72	......	19.55	0.00	0.0	7	16	10	5

Daily River Stages for August, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.5	7.8	8.8	7.7	6.8	8.3	9.1	9.0	7.8	6.8	6.1	5.6	6.3	6.0	6.1	5.4	4.8	5.1	4.9	5.2	5.4	5.0	7.3	10.3	9.9	10.7	11.3	10.1	12.1	12.6	11.4
Ozark	do	22	0.4	8.0	4.4	5.2	4.1	3.4	5 0	5.9	5.2	4.2	3.1	2.3	2.2	2 5	2.3	2.2	1.5	1.2	1.2	1.2	1.2	1.6	1.2	4.2	6.8	6.3	7.8	7.4	6.7	9.2	8.4
Dardanelle	do	22	3.8	3.7	3.7	7.1	7.4	6.6	6 3	7.3	7.9	7.3	6 6	5.8	5.3	5.2	5.6	5.3	5.2	4.9	4.4	4.5	4.4	4.4	4.6	4.4	7.0	8.4	8.3	9.8	9.1	9.1	10.9
Morrilton	do	20	-0.4	-0.7	-0.8	-0.1	4.4	3.8	2.8	3.5	4.7	4.8	3.7	2.8	2.0	1.3	1.7	1.8	1.5	1.4	0.6	0.2	0.2	0.3	0.4	0.5	0.7	5.1	5.5	6.5	6.9	6.0	8.1
Little Rock	do	23	0.4	0.1	-0.1	-0.3	0.0	3.7	3.5	2.7	3.3	4.4	4.4	4.4	2.7	2.0	2.0	1.6	1.5	1.5	1.3	1.2	0.6	0.5	0.4	0.5	0.7	0.8	4.5	5.1	6.4	6.5	6.0
Pine Bluff	do	25	5.8	5.6	5.2	5.0	4.8	5.8	8.9	8.8	7.9	7.8	9.3	9.2	8 6	7.9	7.3	6.9	6.9	6.9	6.8	6.6	6.1	5.6	5.4	5.4	5.4	5.6	5.9	9.4	10.0	10.8	10.8
Danville	Petit Jean	20	1.6	1.3	1.3	1.1	1.1	1.1	1.1	1.9	1.9	1.8	1.7	1.4	1.5	1.7	5.6	5.4	3.2	3.7	3.2	2.6	2.4	1.6	1.5	1.5	1.4	1.2	1.2	1.1	1.1	9.8	6.2

Climatological Data for August, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	81.5	+ 1.1	101	10	64	13†	33	5.30	+1.32	2.32	0.0	4	2	26	3	e.	J. W. Campbell
Arkadelphia	Clark	250	38	....	....	......	......	.....	.....	......	2.74	−1.32	1.72	0.0	8	14	9	8	ne.	W. K. Bown
Arkansas City	Desha	145	49	......	....	......	......	.....	.....	......	2.26	−1.49	0.88	0.0	6	23	3	5	......	Herbert Neff
Arlberg	Stone	700	11	......	......	......	......	.....	.....	......	4.81	−0.13	1.46	0.0	8	13	12	6	ne	J. D. Reeves
Batesville	Independence	277	34	76.4	− 2.7	98	11	56	25	36	3.51	−0.92	0.82	0.0	13	15	8	8	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	78.5	− 1.1	98	10	58	16	32	4.11	+0.17	0.97	0.0	7	14	7	10	s	J. E. Scanlan
Bentonville	Benton	1303	28	76.2	− 6.6	93	10	59	31	29	6.82	+2.64	3.89	0.0	8	5	13	13	sw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	3	......	......	......	......	......	......	......	5.57	......	1.60	0.0	7	21	4	6	......	C. J. Brooks
Black Rock	Lawrence	259	32	......	......	......	......	......	......	......	3.45	−0.92	1.02	0.0	8	23	0	8	s	Vernon C. Howe
Blytheville	Mississippi	252	8	78.4	......	95	1†	59	15	30	4.87	......	1.83	0.0	8	22	7	2	s.	Samuel Norris
Booneville	Logan	465	19	80.7	− 1.3	101	10	63	16	33	7.72	+1.40	4.12	0.0	13	5	17	9_{a}	ne.	F. H. Rendolph
Brinkley	Monroe	205	46	79.2^{a}	− 1.2	96^{a}	1†	60^{a}	25	32^{a}	2.26	−1.23	0.62	0.0	8	17^{a}	8^{a}	5^{a}	ne.	R. J. Torry
Calico Rock	Izard	361	29	77.8	− 1.2	95	10	52	16	39	2.99	−1.97	1.35	0.0	7	13	7	11	se.	E. R. Wiseman
Camden	Ouachita	155	48	80.7	+ 0.3	95	9†	64	24	28	2.23	−0.86	1.04	0.0	6	10	10	11	s.	J. M. Knight
Carthage	Dallas	....	28	79.4^{a}	....	96	28	62^{a}	16	28^{a}	5.23	+2.45	2.27	0.0	6	10	18	3	sw.	P. K. Wylie
Center Point	Howard	470	34	83.2	+ 1.0	99	9†	65	13	30	2.11	−0.73	0.53	0.0	6	9	21	1	s.	John C. Floyd
Clarendon	Monroe	172	29	......	......	......	......	......	......	......	4.00	−0.14	0.94	0.0	10	12	5	14	n.	J. W. Bishop
Clinton	Van Buren	516	12	......	......	......	......	......	......	......	4.01	−0.61	1.53	0.0	6	13	12	6	se.	A. L. Stephens
Conway	Faulkner	309	50	80.6	− 0.8	100	10	59	16	33	2.10	−1.35	1.02	0.0	8	20	7	4	e.	E. E. Cordrey
Corning	Clay	293	40	77.6	− 0.7	96	26	57	15†	38	5.29	+1.61	3.09	0.0	6	21	5	5	sw.	Winfred D. Polk
Cotter	Baxter	408	6	......	......	......	....	......	......	......	3.97	.....	2.08	0.0	7	9	9	13	nw.	O. B. McSpadden
Crossett	Ashley	175	21	81.2	......	96	1	63	16†	28	1.04	−2.61	0.67	0.0	3	13	11	7	sw.	G. A. Gifford
Danville	Yell	327	17	......	......	......	......	......	......	......	3.12	−0.31	0.75	0.0	10	2	22	7	s.	J. M. Patterson
Dardanelle	Yell	330	47	79.8	− 1.0	98	10	59	16	29	4.17	+0.51	1.45	0.0	10	3	18	10	s.	Geo. N. Goodier
Dumas	Desha	162	28	81.4	+ 0.3	99	1†	62	24	31	4.37	+0.90	1.50	0.0	9	10	14	7	s	Ben Johnson
Dutton	Madison	1590	30	73.2	− 1.4	91	2†	49	16	37	4.06	−0.06	2.30	0.0	6	9	16	6	s.	J. M. Ricketts
El Dorado	Union	270	33	81.6	− 0.2	95	9†	67	24†	25	3.50	+0.03	1.65	0.0	8	9	14	8	se.	J. J. Babb
England	Lonoke	229	26	80.4^{i}	− 0.2	96^{i}	11†	64^{i}	15†	30^{i}	2.08	−1.94	1.12	0.0	8	8^{i}	10^{i}	4^{i}	s.	Dr R. H. Hardin
Eureka Springs	Carroll	1465	33	77.1	− 1.2	95	7†	58	16	32	5.15	+0.22	1.60	0.0	13	7	13	11	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	77.2	− 0.8	94	7	59	16	32	5.93	+1.82	2.27	0.0	9	6	15	7	s.	University of Arkansas
Fort Smith	Sebastian	457	52	80.6	+ 0.1	97	10	65	16	27	6.19	+2.91	1.82	0.0	11	5	14	12	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	9	......	......	......	......	......	......	......	7.88	.....	2.18	0.0	12	15	1	15	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	......	......	......	......	......	......	......	2.84	+0.12	0.87	0.0	7	10	9	12	......	T. J. Logan
Georgetown	White	200	21	......	......	......	......	......	......	......	4.75	+0.92	1.47	0.0	6	17	1	13	......	W. R. Owens
Gilbert	Searcy	675	9	......	......	......	......	......	......	......	3.70	......	1.35	0.0	7	18	9	4	......	S. G. Battenfield
Grannis	Polk	900	14	78.8	− 0.4	98	7	60	14	34	3.10	+0.06	1.40	0.0	10	8	20	3	sw.	W. F. McVay
Gravette	Benton	1250	36	76.4	− 1.0	97	7	57	15†	39	5.19	+1.11	2.06	0.0	11	5	13	13	sw.	A. F. Stevens
Harrison	Boone	1052	33	77.2	+ 0.7	98	10†	52	16	39	3.11	−0.69	1.43	0.0	12	19	3	9	sw.	Louis R. Keck
Helena	Phillips	250	61	79.1	− 1.5	96	1†	61	30	29	3.81	+0.12	1.63	0.0	8	4	20	7	n.	James A. Burnett
Higden	Cleburne	445	14	......	......	.....	......	......	......	......	....	....	...	....	..	..	..	..	.....	Trumon Brown
Highland	Pike	....	14	83.0	......	98	6†	65	15	28	2.38	−1.07	1.14	0.0	5	2	25	4	s.	J. O. Cooley
Hope	Hempstead	377	63	81.2	− 1.0	98	2†	65	17†	30	4.21	+0.84	1.51	0.0	6	8	14	9	s	N. P. O'Neal
Hot Springs	Garland	600	42	81.8	+ 1.1	100	10	61	13	33	4.20	+0.46	1.70	0.0	6	7	21	3	......	National Park Service
Jessieville	Garland	750	7	......	......	......	......	......	......	......	2.61	....	1.06	0.0	4	8	14	9	......	U. S. Forest Service
Jonesboro	Craighead	345	38	79.4	− 0.6	97	18	62	16	28	2.31	−1.21	0.58	0.0	8	20	7	4	nw.	Benedictine Sisters
Lead Hill	Boone	650	27	77.8	− 0.8	99	1†	50	24	45	5.91	+1.90	1.85	0.0	9	19	4	8	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	79.2	− 0.6	95	10	65	16	25	6.51	+2.79	2.71	0.0	8	11	8	12	e.	U. S. Weather Bureau
Lurton	Newton	2100	7	......	......	......	......	......	......	......	....	......	....	...	..	..	..	..	......	Miss Mary Sutton
Lutherville‡‡	Johnson	775	34	78.6	− 0.8	97	10	59	16	30	6.93	+2.92	2.37	0.0	9	13	10	8	se.	H. G. Lennardt
Madison	St. Francis	....	3	...	......	....	...	......	......	......	4.02	......	1.30	0.0	9	18	0	13	......	J. W. Eppes
Magnolia	Columbia	315	17	82.0	− 0.2	97	1†	66	25†	26	1.79	−1.17	0.75	0.0	5	1	21	6	e	State Agri. School
Malvern	Hot Springs	277	47	80.8	+ 0.7	99	10	61	24	33	3.80	+0.31	2.23	0.0	5	21	9	1	se.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	29	75.6	− 1.8	92	10	55	16	28	6.32	+1.96	2.20	0.0	9	13	10	8	sw.	S. F. Whittaker
Marianna	Lee	235	21	79.0	− 0.8	94	1†	63	6	27	3.67	+0.61	1.34	0.0	8	6	18	7	ne.	C. N. Houck
Marked Tree	Poinsett	229	28	78.0	− 1.0	97	1	60	15	09	5.16	+1.47	1.31	0.0	10	13	14	4	n.	Charles Walton
Marshall	Searcy	1070	19	74.5^{i}	+ 0.9	94	10	61^{h}	26	28^{h}	4.80	− 0.41	2.06	0.0	7	10	14	7	se.	A. J. Parks
Mena	Polk	1185	45	77.9	− 1.9	95	10	62	15	27	6.71	+2.37	1.82	0.0	15	12	9	10	sw.	E. W. St. John
Morrilton	Conway	347	14	79.2	. ..	98	10	59	16	30	2.42	0.80	0.78	0.0	7	14	7	10	e.	Miss Ruby Cook
Mountain Home	Baxter	800	21	77.0	− 0.6	100	10	53	16	37	4.36	+0.24	1.78	0.0	9	9	7	15	s.	B. S. Halbert
Mount Ida	Montgomery	650	34	78.7	− 0.7	97	10	59	16	31	6.64	+3.28	2.50	0.0	11	8	15	8	e.	G. A. Whittington
Newport	Jackson	231	50	78.8	− 1.2	95	1†	60	16	31	4.36	+0.88	1.05	0.0	11	12	10	9	n.	J. D. Renderson
Norman	Montgomery	750	5	......	......	......	......	......	......	......	6.24	......	3.25	0.0	7	6	14	11	......	U. S. Forest Service
Oden	Montgomery	800	7	......	....	......	....	..	......	......	4.37	......	1.52	0.0	11	1	22	8	se.	U. S. Forest Service
Okay	Howard	288	4	80.6	......	96	8†	50	12	45	3.26	......	2.03	0.0	7	13	15	3	s.	Charles R. Jackson
Osceola	Mississippi	240	37	80.4^{a}	+ 1.4	98^{a}	1†	61^{a}	15	33^{a}	2.92	−0.30	1.35	0.0	5	17^{a}	9^{a}	4^{a}	s.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	38	80.0	− 1.6	101	10	62	16	30	3.37	−0.51	0.99	0.0	10	12	4	15	se.	Orkney O. Milton
Paragould	Greene	301	10	....	......	......	......	......	......	......	4.51	......	2.02	0.0	6	18	9	4	ne.	W. R. Heagler
Patterson	Woodruff	196	17	......	......	......	......	......	......	......	6.86	+3.84	1.34	0.0	7	24	1	6	sw.	W. E. Baker
Piggott	Clay	307	9	......	......	......	......	......	......	......	6.47	.....	2.48	0.0	8	16	11	4	sw.	V. C. Wright
Pine Bluff	Jefferson	215	46	81.0	− 0.7	95	10†	66	16†	26	2.19	−0.96	0.68	0.0	7	16	6	9	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	77.2	− 2.2	95	1	56	25	35	4.08	−0.61	1.65	0.0	6	9	12	10	ne.	Benedictine Sisters
Portland	Ashley	122	27	80.8	− 0.6	96	28	63	25	29	4.56	+1.20	3.50	0.0	5	7	20	4	s.	W. E. Edmiston
Prescott	Nevada	329	45	81.4	− 0.1	96	9†	65	13†	26	7.78	+4.50	3.07	0.0	7	13	11	7	s.	Craig Williams
Rison	Cleveland	243	33	80.5	− 1.2	99	14	62	16†	31	4.12	+1.02	1.15	0.0	7	19	4	8	w.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	42	77.0	− 0.2	95	7†	57	16	33	6.69	+2.94	1.76	0.0	8	13	9	9	s.	Carl A. Starck
St. Charles	Arkansas	175	3	......	. .	......	......	......	......	......	...	......	....	....	..	..	..	..	......	
St. Francis	Clay	290	6	......	......	......	......	......	......	......	4.34	......	1.98	0.0	5	18	7	6	......	S. T. Rooney
Searcy	White	236	23	77.5	− 2.6	94	10	60	16	27	5.31	+1.58	1.63	0.0	9	19	6	6	ne.	Arthur D. Smith
Story	Montgomery	700	9	......	.	......	......	......	......	....	4.86	.....	1.80	0.0	9	11	15	5	s.	S. C. Story
Stuttgart	Arkansas	209	46	80.3	− 0.5	96	2	64	16	26	7.36	+3.83	2.45	0.0	8	15	9	7	ne.	Mrs. Kress Swim
Subiaco	Logan	1050	36	80.4^{b}	− 1.0	100^{c}	10	60	16	34^{e}	4.37	+0.59	1.37	0.0	10	11	6	14	e.	New Subiaco Abbey
Sunset	Washington	....	2	75.2	... .	92	18	60	30	26	7.27	......	2.85	0.0	12	12	11	8	sw.	Walter James
Texarkana	Miller	332	48	80.8	− 1.4	96	9	65	15†	28	2.68	−0.39	1.44	0.0	6	15	5	11	s.	H. S. Brashear
Thornburg	Perry	650	13	77.7	.....	96	1	63	16	39	3.73	+0.01	1.22	0.0	9	14	12	5	s.	Edward E. Holmes
Waldron	Scott	675	14	... .	......	.....	......	......	.....	......	5.48	+2.86	2.79	0.0	9	2	14	15	ne	Dr. Cheves Bevill
Warren	Bradley	206	39	80.6	− 0.8	94	2†	66	24	22	1.01	−2.58	0.86	0.0	2	20	7	4	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	... .	... ..	.	.....	......	......	.....	4.95	......	0.94	0.0	10	4	11	16	sw.	J. R. Huddleston
Wilson	Mississippi	237	8	77.4	... .	95	1†	58	15	31	3.63	......	1.50	0.0	7	18	5	8	s.	D. O. Anderson
Wynne	Cross	250	25	78.0	− 2.0	96	1†	60	15†	36	5.99	+2.05	1.28	0.0	9	13	11	7	s.	R. T. Cobbs
Yancopin	Desha	167	9	......	......	......	...	... ..	.....	......	7.11	......	2.40	0.0	9	10	12	9	......	W. E. Barton
State Means				79.1	−0.6	101	10	49	16	45	4.42	+0.70	4.12	0.0	8	12	11	8	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:– Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for August, 1933

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ity	Ouachita													2.32		.99							.09							1.90			5.30
adelphia.	Ouachita			.03	.15	.06							.05	1.72		.42							.02							.29			2.74
ansas City	Mississippi				.20	T.							.88	.23		.31														.30	.34		2.26
berg.	White			.37					.83			.41	*	.10				1.46											1.04	.60			4.81
esville.	White			.72	.82				.18	.04		.12	.06	.23	.18	.04		.08		.06										.66	.32		3.51
Branch.	Arkansas			.97								.72	.23	.72				.41											.80	.26			4.11
ntonville ***	Arkansas	.01	T.	1.08		T.			1.14		T	.04	T.								.36	.05			T.	T.		2.04	2.10				6.82
Lake Outlet	St. Francis			1.26	.82							1.40		T.				.12	.14											1.60	.23		5.57
ck Rock	White			.94	.10					.60		.39		.12				.17											T.	.15	1.02		3.49
rtheville	St. Francis		.11	.50	.79							1.83		.09					.16											1.18	.21		4.87
onesville	Arkansas		.23	.75	T.	.11						.01	4.12		.98	.13		.03				.08			T.	.06		.07	1.09	.06		T.	7.72
nkley	White			.23	.13							.62		.06		.53			.50											.09	.13		2.29
ico Rock	White			.33	T.				T.	.10		.27	.04					.25	T.	T.		T.							T.	1.35	.65	T.	2.99
mden	Ouachita				T.	.51	.56							1.04	T.	.03													.04		.05		2.23
rthage	Ouachita						.45					.17		.11	1.92		2.27													.31			5.23
nter Point	Red			.31					.15				.83	T.	08			.32										T	.42				2.11
rendon	White			.94	.64							.81	.02	.10		.15			.62		.02									.56	.14		4.00
nton	White			.19		T.						1.30	.36					.64										T.	1.53	.05			4.01
nway.	Arkansas		.18			.03						.23	.03	1.02				.05											.30	.26			2.10
rning	White			.60	.08							.60						.12												.80	3.09		5.29
tter.	White			.90	.06					T		.32		.10				.46				T.	.05						T.	2.08			3.97
ssett	Ouachita						.27							.67		.10															T.		1.04
nville.	Arkansas			.08	.35		.25						.10	.75		.32							.60						.20	.42	.05		3.12
rdanelle	Arkansas			.29	.25	.02						T.	.19	.75		.48						.01							1.45	.28	.85		4.17
mas	Mississippi	T.		T.	.18							.38	.02	.40	.42			.52											.60	1.50	.35		4.37
tton	White			.88	T.	T.		.65	.06			T.	.03								T.						T.		2.30	.14			4.06
Dorado	Ouachita				.20	.72	.16							1.65		.03								T.					.02		.25	.37	3.40
gland	Arkansas		.10	.20								.02	.30	.10	1.12													T.	.15	.09			2.08
reka Springs	White		.69	.65		.07		.10	.23			.35		.73				.05			.12	03				.42		.11	1.60				5.15
yetteville	White			2.27		.02			1.28	T.		.12	T.								.08	T.			T.	T		.02	1.94	.02		.18	5.93
rt Smith ***	Arkansas			1.58	T.	T.			T			.03	.51				.01	.23			T.	.11			.53	1.29	.14	.14	1.62	T.		T.	6.19
eeman Sprgs.	Arkansas			.13	.24		.11		.08	.73		2.09	.04	.65		.58		T.											.24	2.18	.81		7.88
lton	Red				.20	.41		.87						.63				.17					T.						.06	.47	T.		2.84
orgetown	White			1.00	1.10							.52						1.47												.61	.05		4.75
ibert	White			.26					.55			.06		.24				.34											1.35	.90			3.70
annis	Red			T.	T.	.03	T.	.04	.38				.28		.57			1.40							T.	T	.16	.30	.18		T.	.06	3.40
ayette	Arkansas	T.	T.	.53					.85		.09			.08					.58		.62	.10			.06	.07		.15	2.06	T.			5.19
arrison	White			.61	.04	.06		.07	.21			.14	.11					.05			.01	.03							1.43	.35			3 11
elena	Mississippi				.14								.31	.28		.70		.03										.12		.60	1.63		3.81
gden	White																																
ghland	Ouachita				.78		.07						1 14		.18														.21				2.38
ope	Red		.06	1.26	.78								T.	T.														1.51	.48	.12			4.21
ot Springs	Ouachita					.15							.99		.50			.20											.66	1.73			4.20
ssieville	Ouachita					T.	1.00							.45		.20												T.		.96			2.61
nesboro	White			T	.34							T.	.48	.05		T.		.02	.04		.24									.56	.58		2.31
ad Hill	White		.61	.36				T.	1.58		.05	.37						.33			T	.03				T.		T.	.76	1.85			5.94
ttle Rock ***	Arkansas		.07	01		T.						.04	2.71		1.49			.04			T.	T.					T.	T.	1.58	.60			6.54
rton	White																																
therville	Arkansas		.30	.45		.42						.35	.22	.34	1.05						T.	T.						T.	2.37	1.45			6.95
dison	St. Francis			.17	.20							.56	.16		1.30	.95			.02											.03	.68		4.02
agnolia	Red			.33										.75														.63		.04	.04		1.79
alvern	Ouachita					.02							.10	2.23		.45														1.00			3.80
ammoth Spg.	White			.65	T					.82		.35		.20	T.			.20			2.20								.10	1.60	.20		6.32
arianna	St. Francis			.35								1.34		.05	.48			.09			.14								.88	.34			3.67
arked Tree	St. Francis			1.02	.27							1.31	.26	.28	.04				.36		.07									1.16	.39		5.16
arshall	White			.60					.13					.10				.16			T.	T.							2.00	1.76	.05		4 80
ena	Ouachita	.01		T.	.12	T.	.57		.03	.05			T.	.45		T.		1.82	.01		.04		.52				.82	.06	.63	1.57	.01	T.	6.71
orrilton	Arkansas			.06		T.	.06					T.	.14	.70		.04		T				T.								.78	.64		2.42
ountain Home	White		.53	.25					.08			.38		.04				.63		.05	T.	T.							.62	1.78			4.36
ount Ida	Ouachita		.75					1.19	.06				2.50		.32		.57		.14			.12						.05	.90	.04			6.64
ewport	White			.47	.75					.20		.36	.19	.05	1.05	.07		.40												.73	.09		4.36
orman	Ouachita			1.01		.03				.04				3.25				.55					.26							1.10			6.24
den	Ouachita			.55	.22		.51		.12					1.52		T.		.32				.52		.01			.02		.16	.42			4.37
kay	Red			.38	2.03	.01	.04	T.					.31	.13				.36											T.				3.26
sceola	Mississippi			T.	.21							1.35							.18											1.06	.12		2.92
zark	Arkansas			.99	.43							.42	.08	.15		.38		T.	.26				.02						.09	.55			3.37
aragould	St. Francis			.38	2.02							.99						.20												.68	.24		4.51
atterson	White			.46	1.34							1.31					1.30	.93												1.29	.23		6.86
iggott	St. Francis		.25	.18								2.10		.30				.69											.11	2.48	.36		6.47
ine Bluff	Arkansas				.68								.22	.46		.38			.02											.15	.28		2.19
ocahontas	White		1.65	.18								.59						.21											.25	1.20			4.08
ortland	Ouachita				T									.43		.24	T.													.04	3.50	.35	4.56
rescott	Ouachita			.52	3.07	.21								1.80		.36							02							1.80			7.78
ison	Ouachita				.90	.13							.08	.54		1.15														1.02	.30		4 12
ogers (near)	White			.96		T.			1.05			.22		.18							.36					1.76		.67	1.49				5.69
t. Charles	White																																
t. Francis	St. Francis				.10							1.98		T.					.42			T.	T.						T.	.12	1.72	T.	4.34
earcy	White			1.22	.37							.85	.35	.12		.09		.65												1.63	.03		5.31
tory	Ouachita					.86			.42	.36			.40	1.80				.28											.05	.64	.05		4.86
tuttgart	Arkansas			.47	2.14								.20	.25		1.44					.29									2.45	.12		7.36
abiaco	Arkansas		.56	1.32	T.	.18						.23	.53	.01	.13													T.	1.37	.03		.01	4.37
unset	Arkansas			1.53		T.		.16	2.25			.10	.04					T.	.15	T.	.02				.05	.05		.06	2.85	.01			7.27
exarkana	Red			.20										.50				.33									.06		1.44	.15			2.68
hornburg	Arkansas		.54	.56					.03			T.	.40	.24	1.22			.35			T.	T					T.	T	.37	.02			3.73
aldron	Arkansas	T.		.54	.17			T	.06				2.79		T.			.35			.06							T.	1.43	.05		.03	5.48
arren	Ouachita						T.							.86		T.														T.	.15		1.01
aters	Ouachita			.15	*	.94	.52							.89				.61					.91	.19				.05		.69			4.95
ilson	Mississippi			.15	.35							85		.13					.35											1.50	.30		3.63
ynne	St. Francis			1.28	67							.90		.81	.67	.95		.05												.71	.45		5.99
ancopin	Arkansas	.10		.01	.46	T.							.02	.88		1.98			.02											1.24	2.40		7.11

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
otter	White	21	2.7	2.7	2.7	2.7	2.7	2.7	4.4	3.7	3.4	3.2	2.8	2.7	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.1	3.1	3.0
alico Rock	do	18	0.4	0.3	0.3	0.4	0.2	1.7	2.2	1.6	1.2	1.1	0.5	0.3	0.4	0.7	0.4	0.9	0.6	0.5	0.2	0.5	0.2	0.1	-0.2	-0.3	-0.2	0.0	0.0	-0.1	0.2	0.6	0.6
atesville	do	23	5.3	5.0	5.2	5.6	5.2	5.0	6.7	7.2	6.3	5.8	5.6	5.2	5.1	5.0	5.3	5.0	5.4	5.3	5.1	4.9	5.0	4.8	4.8	4.4	4.3	4.4	4.5	4.5	4.6	5.0	5.3
ewport	do	26	2.5	2.3	2.3	3.9	3.3	2.5	2.1	3.0	3.2	2.9	2.4	2.2	2.1	1.9	1.9	1.9	1.8	2.0	1.8	1.7	1.5	1.5	1.8	1.1	1.1	0.9	0.9	0.9	1.0	1.0	2.1
eorgetown	do	22	3.8	3.5	3.3	4.5	5.2	5.9	5.3	4.3	4.0	4.1	4.2	4.0	3.6	3.3	3.1	2.9	2.8	2.7	2.6	2.5	2.4	2.1	1.9	1.7	1.6	1.4	1.2	1.1	1.1	1.3	1.2
larendon	do	30	12.1	12.0	11.8	11.5	11.7	12.1	12.7	12.8	12.5	12.0	11.9	11.8	11.6	11.3	11.0	10.7	10.4	11.0	11.2	10.9	10.5	10.2	10.0	9.8	9.6	9.4	9.1	8.9	8.6	8.4	8.3
lack Rock	Black	14	2.8	2.6	3.1	2.9	2.8	2.6	2.5	2.4	2.9	2.6	2.6	2.5	2.5	2.6	2.5	2.5	2.6	2.4	2.3	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	5.8	4.6
rkadelphia	Ouachita	12	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.4	-1.4	-1.4	-1.2	-1.2	-1.2	2.4	1.8	1.2	-0.2	-0.6	-0.8	-1.0	-1.0	-1.2	-1.2	-1.2	-1.2	-1.4	-1.0	-1.2	-1.0	-1.4	-0.8	-0.8
amden	Ouachita	26	4 4	4.1	3.8	3.7	3.9	4.8	5.4	5.1	4.5	4.0	3.9	3.9	4.0	4.7	7.4	6.9	6.6	5.6	5.0	4.8	4.4	4.3	4.1	3.9	3.8	3.7	3.6	3.9	3.7	3.8	3.8
ulton	Red	28	7.0	6.7	6.4	6.3	7.5	9.8	10.1	13.3	14.2	13.4	12.1	11.1	10.5	9.9	9.4	9.0	8.8	8.6	10.4	11.0	9.9	9.2	8.7	8.4	8.1	7.7	7.5	7.3	7.2	8.0	10.5
Helena	Mississippi	44	14.1	14.6	14.5	14.3	14.2	14.1	13.9	13.5	13.1	12.8	12.5	12.5	12.5	11.8	11.0	10.4	10.4	10.7	11.3	12.0	12.1	11.4	10.0	9.0	8.3	7.7	7.0	6.7	6.5	6.1	5.8
rkansas City	do	48	13.5	14.4	15.0	15.2	15 1	15.0	14.8	14.7	14.7	14.6	14.2	14.0	14.0	13.9	13.4	12.6	11.7	11.2	11.1	11.5	12.0	12.3	12.0	11.0	9.8	8.9	8.2	7.5	7.1	7.5	7.8

Daily temperatures for August, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	95	95	89	92	89	98	98	97	96	101	95	99	92	95	98	90	91	95	89	90	95	96	100	92	94	96	97	97	89	79	90	93.8
	Minimum	72	73	72	72	73	71	73	72	71	71	72	71	64	65	65	64	65	65	66	68	70	71	67	69	66	67	71	72	70	69	68	69.2
Batesville §§	Maximum	82	92	89	80	90	86	89	90	92	95	98	94	90	86	74	89	90	93	92	89	89	91	90	90	90	94	89	85	70	85	79	88.1
	Minimum	69	74	71	70	68	63	63	65	70	70	71	68	67	66	64	58	58	63	64	63	64	60	60	57	56	58	63	68	68	67	62	64.8
Bee Branch	Maximum	95	94	86	85	77	87	92	88	94	98	94	95	92	88	84	90	90	92	92	87	83	90	88	90	90	90	89	90	73	85	90	89.0
	Minimum	70	75	73	71	69	71	68	73	70	71	70	71	66	72	63	58	68	65	66	69	71	67	66	61	62	65	69	70	67	67	65	68.0
Bentonville	Maximum	90	92	80	74	76	91	93	89	90	93	92	90	88	87	86	87	91	92	91	76	84	90	89	89	78	87	79	76	70	76	84	85.5
	Minimum	74	74	71	69	68	66	72	72	70	75	72	67	60	67	63	59	64	64	62	70	68	64	64	67	67	66	67	68	62	61	59	66.8
Blytheville	Maximum	95	95	85	82	86	87	91	89	95	94	87	93	89	88	85	90	89	94	94	90	92	92	88	91	91	94	93	89	76	85	90	89.6
	Minimum	74	73	71	68	63	61	66	73	72	72	67	71	69	64	59	64	67	68	66	63	64	69	63	61	63	65	71	72	70	69	67	67.3
Booneville	Maximum	94	100	91	86	81	94	96	92	97	101	98	98	92	91	86	90	92	97	93	90	90	94	91	93	86	94	86	89	84	82	89	91.5
	Minimum	76	73	70	74	70	71	74	74	70	73	76	65	65	67	66	63	67	64	66	70	73	73	65	72	69	70	73	70	70	69	68	69.9
Brinkley	Maximum	96	96	83	84	84	88	93	94	96	95	86	..	95	84	84	91	90	95	96	92	93	91	88	89	92	93	94	93	83	84	90	90.4
	Minimum	72	74	72	71	68	65	63	72	72	72	70	..	69	69	65	61	67	68	66	66	66	69	67	61	60	66	70	71	72	69	64	67.9
Calico Rock§§	Maximum	95	96	90	80	80	87	93	90	94	98	92	95	91	87	86	91	91	95	96	87	87	93	92	94	93	95	89	83	72	83	87	89.7
	Minimum	70	70	73	71	70	66	68	74	74	72	70	69	68	68	62	52	62	64	65	64	68	62	61	55	58	59	63	70	67	65	64	65.9
Camden§§	Maximum	94	94	92	90	91	91	92	94	95	93	95	91	90	92	89	90	88	93	92	92	94	93	91	92	93	94	91	93	90	86	91	91.8
	Minimum	71	72	76	73	72	71	70	70	70	71	72	75	67	68	67	66	71	69	68	67	69	70	67	64	65	66	69	71	73	70	69	69.6
Carthage §§	Maximum	95	93	92	90	88	89	90	91	94	95	94	92	90	90	87	90	90	93	91	91	93	92	90	90	91	92	90	96	88	80	90	90.9
	Minimum	..	74	74	73	70	70	67	69	68	71	72	71	65	67	66	62	67	67	66	66	68	69	65	63	64	64	67	70	73	68	65	68.0
Center Point	Maximum	96	96	90	89	92	95	97	96	99	99	96	97	95	94	94	95	95	97	94	99	96	95	98	94	96	97	91	97	93	93	94	95.1
	Minimum	74	75	74	74	73	70	74	73	73	72	73	69	65	70	68	68	69	69	71	71	69	69	75	71	67	73	73	73	71	70	71	71.2
Conway	Maximum	95	94	87	84	81	89	94	93	96	100	94	97	92	90	88	91	92	95	96	91	93	95	93	95	94	93	91	93	81	85	90	91.7
	Minimum	71	76	73	73	72	72	69	74	71	73	71	72	68	73	68	59	70	68	67	68	71	69	66	62	63	66	71	71	71	69	66	69.5
Corning	Maximum	95	94	88	84	86	88	90	90	95	94	90	95	91	87	84	88	89	95	95	90	93	94	92	95	94	96	93	80	74	84	88	90.0
	Minimum	72	73	71	67	62	60	61	71	72	74	68	71	69	61	57	59	64	67	63	62	66	66	60	57	58	60	66	73	64	66	63	65.3
Crossett §§	Maximum	96	95	95	93	92	90	92	94	95	94	94	92	89	92	89	91	89	92	92	94	95	94	93	91	92	93	92	94	91	91	90	92.5
	Minimum	72	74	74	72	72	70	68	69	70	71	74	73	69	70	67	63	69	69	67	66	70	72	71	63	64	68	72	69	73	72	74	69.9
Dardanelle	Maximum	95	94	85	87	81	89	94	90	95	98	94	90	93	91	86	88	90	93	91	88	89	95	93	93	91	93	91	84	78	83	88	90.0
	Minimum	74	74	71	73	72	72	72	75	72	73	74	67	66	69	67	59	68	65	67	70	71	70	64	64	68	67	72	71	71	70	66	69.5
Dumas	Maximum	99	99	96	90	87	91	93	97	98	98	94	94	91	92	88	95	92	95	92	94	97	94	91	92	94	97	97	98	88	82	94	93.5
	Minimum	74	74	74	73	70	70	67	68	72	72	70	73	68	68	64	65	69	69	68	67	68	72	69	62	63	67	70	71	71	71	68	69.3
Dutton	Maximum	89	91	85	75	72	86	80	81	89	90	89	89	88	89	85	86	87	90	89	75	85	91	90	87	82	77	89	76	71	76	82	84.2
	Minimum	66	67	68	68	66	65	67	69	65	69	67	61	57	60	57	49	60	54	54	62	64	58	55	58	59	60	66	65	64	60	67	62.2
El Dorado	Maximum	93	94	93	90	91	90	91	92	95	94	94	89	90	91	88	90	87	91	91	91	93	92	92	90	92	92	92	95	89	89	90	91.3
	Minimum	70	76	77	74	73	72	72	72	73	74	75	72	69	71	69	70	72	71	70	71	72	75	70	67	67	69	72	74	75	73	73	71.9
England	Maximum	94	93	86	87	88	90	94	..	..	..	96	91	90	91	91	96	..	..	..	..	96	93	91	..	..	94	90	95	88	80	93	91.2
	Minimum	72	73	73	72	71	71	69	..	..	..	73	70	68	67	64	70	..	..	..	..	67	72	68	..	..	64	70	72	70	68	65	69.5
Eureka Springs	Maximum	94	91	87	76	75	89	95	87	90	93	90	92	89	88	90	90	92	95	94	87	88	95	94	95	81	91	82	78	72	75	85	87.7
	Minimum	73	70	69	67	67	65	71	73	71	75	69	69	61	67	62	58	63	65	64	69	68	94	64	65	67	65	68	68	64	60	59	66.5
Fayetteville	Maximum	90	92	89	79	77	89	94	89	89	92	92	92	89	88	87	87	91	93	90	88	84	91	92	90	83	90	87	77	73	76	83	87.2
	Minimum	74	75	68	69	69	68	74	70	70	76	73	69	62	67	62	59	64	61	63	70	70	66	61	68	68	65	68	67	66	62	60	67.2
Fort Smith	Maximum	94	95	89	83	81	93	97	93	96	97	94	94	92	90	87	88	91	94	93	85	87	94	92	92	85	90	78	83	84	80	86	89.6
	Minimum	76	76	71	74	73	71	74	76	74	77	78	70	67	69	68	65	68	67	69	73	74	73	70	74	69	71	73	71	72	69	69	71.6
Gravette	Maximum	92	94	89	75	80	94	97	92	91	96	93	92	90	91	90	89	93	96	90	83	83	89	91	87	81	89	80	77	75	76	85	87.7
	Minimum	72	73	68	65	66	66	71	71	68	72	70	68	58	65	64	59	60	57	60	63	67	66	65	68	61	64	66	65	60	59	57	65.0
Harrison	Maximum	93	96	89	80	75	88	94	84	95	98	93	93	94	88	88	91	90	97	98	82	88	94	92	95	95	85	83	78	75	76	87	88.8
	Minimum	72	73	72	69	67	66	70	73	70	75	71	67	63	66	62	52	70	61	62	67	61	61	60	57	60	62	61	70	65	63	62	65.5
Helena	Maximum	96	94	90	83	83	88	91	94	94	94	86	96	88	83	83	89	90	93	93	92	93	90	88	89	90	91	93	94	83	80	91	89.7
	Minimum	75	74	72	70	68	69	62	72	70	72	72	69	68	66	63	65	68	68	68	67	68	70	69	62	68	68	70	72	70	61	66	68 5
Highland	Maximum	96	97	95	97	93	98	98	94	95	94	94	96	97	96	93	91	92	94	96	95	96	98	97	95	94	97	95	94	96	96	95	95.3
	Minimum	72	71	70	72	69	72	73	73	72	74	74	73	72	71	65	66	68	69	72	70	71	72	70	70	69	71	70	69	70	71	71	70 7
Hope	Maximum	97	98	96	91	90	90	94	95	98	96	94	95	96	88	92	93	95	94	94	96	97	94	93	90	93	92	90	94	86	87	95	93.3
	Minimum	72	74	72	70	72	70	72	72	71	72	73	67	66	66	67	66	65	69	67	66	69	74	65	67	65	67	65	71	71	69	69	69.1
Hot Springs	Maximum	96	94	92	94	88	94	97	95	99	100	92	98	94	94	91	91	92	96	94	93	95	99	98	93	94	97	92	93	87	81	92	93.7
	Minimum	73	72	74	73	70	72	70	73	70	76	78	70	61	69	65	63	70	69	68	68	73	72	68	66	67	71	72	71	70	68	66	69.9
Jonesboro	Maximum	96	94	89	79	86	87	91	89	95	96	90	94	90	86	82	89	90	97	92	89	96	90	89	91	90	94	89	87	77	85	89	89.6
	Minimum	75	76	73	70	65	64	63	75	72	76	69	74	69	68	68	62	68	72	70	66	69	71	66	66	63	69	72	76	68	68	66	69.3
Lead Hill	Maximum	99	97	91	81	77	90	95	93	95	99	93	95	92	90	89	91	91	95	97	83	88	94	92	95	91	96	86	81	76	80	87	90.3
	Minimum	71	73	72	69	67	66	70	71	71	74	70	68	64	66	61	52	63	61	61	68	68	60	60	50	60	61	62	70	65	64	63	65.2
Little Rock	Maximum	93	90	83	82	80	85	89	91	93	95	87	92	91	85	83	87	87	91	90	87	89	90	86	88	88	89	88	90	81	80	86	87.6
	Minimum	74	73	74	73	72	74	72	75	75	73	74	67	68	66	66	65	73	71	71	70	72	74	70	68	67	71	74	72	69	68	68	70.9
Lutherville	Maximum	96	94	86	80	72	88	94	94	94	97	89	95	91	90	87	89	90	94	91	83	88	92	92	93	89	92	84	88	75	85	88	89.0
	Minimum	72	74	70	70	68	70	71	73	71	73	70	67	64	61	64	59	68	64	67	71	71	69	68	65	66	67	72	68	67	67	64	68.1
Magnolia	Maximum	97	95	95	90	90	91	92	94	97	94	94	92	90	94	88	92	92	92	93	95	94	92	90	90	92	90	94	93	90	90	92	92.4
	Minimum	73	73	76	74	76	72	73	73	74	73	74	73	68	71	68	69	70	70	70	71	72	75	68	68	66	66	71	72	74	72	73	71.5
Malvern	Maximum	97	95	90	92	89	93	95	95	97	99	95	96	94	89	88	92	91	94	92	91	95	96	94	94	95	96	93	98	89	81	90	93.1
	Minimum	70	73	73	73	80	71	69	71	69	71	71	68	66	68	65	62	71	69	66	66	72	74	65	61	65	65	69	70	72	68	65	68.6
Mammoth Spring	Maximum	91	90	86	78	85	86	86	88	89	92	87	89	90	85	84	83	88	90	91	80	83	88	86	88	89	89	90	85	75	74	84	86.1
	Minimum	69	72	71	69	62	67	69	73	70	74	65	68	68	64	60	55	64	64	65	62	63	64	59	60	62	64	64	62	62	63	61	65 0
Marianna	Maximum	94	93	88	82	82	90	91	92	94	92	90	92	89	85	84	89	87	90	90	91	91	89	87	87	90	91	91	91	87	83	87	89 0
	Minimum	75	75	72	71	69	63	64	71	72	73	70	72	69	68	64	65	69	70	69	68	69	70	69	65	64	65	70	71	71	70	68	69.1
Marked Tree§§	Maximum	97	94	83	80	85	87	90	91	94	94	85	92	89	86	84	88	88	93	94	90	92	90	88	91	91	93	91	90	73	84	90	88.9
	Minimum	73	74	70	69	65	62	63	68	70	72	67	68	67	67	60	63	66	67	69	65	64	64	71	62	62	66	68	73	69	68	65	67.0
Marshall	Maximum	89	89	83	77	74	84	84	87	87	94	89	88	88	88	84	84	84	83	85	85	78	86	89	84	84	89	90	84	83	72	79	84.6
	Minimum	72	73	70	67	66	68	68	72	69	72	78	68	68	75	77	66	..	..	..	..	..	..	..	..	63	61	65	68	66	66	63	64.4
Mena	Maximum	92	93	85	91	86	91	88	88	94	95	91	93	90	90	88	87	88	90	90	81	88	90	86	87	80	87	80	76	83	80	86	87.5
	Minimum	75	71	71	69	71	70	73	71	68	72	72	69	63	71	62	64	65	63	63	67	70	70	64	68	65	67	70	70	70	67	67	68.3
Morrilton §§	Maximum	93	92	84	81	76	88	90	91	94	98	90	93	91	85	83	89	92	93	90	87	90	94	90	91	92	93	94	88	78	81	81	88.8
	Minimum	73	75	72	73	72	71	70	74	71	72	75	71	68	70	67	59	65	66	67	70	71	71	67	63	65	67	72	73	71	69	67	69.6
Mountain Home	Maximum	97	95	88	80	78	88	94	95	96	100	91	95	90	87	86	90	90	94	92	83	85	91	90	88	92	95	88	79	74	79	87	88.9
	Minimum	60	72	70	68	68	65	66	67	72	73	67	67	66	65	62	53	63	63	64	65	68	62	63	65	57	61	63	71	64	64	62	65.0
Mount Ida	Maximum	95	93	86	90	87	91	96	93	93	97	90	95	91	92	86	90	88	93	89	88	91	92	91	89	90	91	92	92	87	82	88	90.6
	Minimum	68	68	70	70	71	69	70	70	69	68	69	67	62	66	63	59	67	63	62	63	67	70	61	65	66	67	70	69	69	67	66	66.8
Newport	Maximum	95	95	87	80	85	87	90	92	93	94	87	94	92	85	83	89	90	94	94	90	91	89	89	92	93	93	89	84	77	86	89	89.3
	Minimum	72	74	71	70	68	65	66	75	72	74	70	72	70	65	65	60	67	68	69	67	68	67	66	64	62	66	71	73	67	68	65	68.3
Ozark§§	Maximum	98	100	88	84	88	91	87	85	95	101	95	85	92	96	87	90	90	95	91	82	90	96	90	93	86	95	82	87	83	82	87	90.0
	Minimum	75	74	69	69	73	72	72	75	72	73	75	71	65	69	68	62	67	65	66	70	74	72	65	67	73	69	71	72	71	68	66	70.0
Pine Bluff	Maximum	94	94	93	85	85	87	91	91	94	95	91	93	88	90	84	90	88	93	93	93	95	91	89	91	92	91	91	94	86	78	91	90.4
	Minimum	73	77	77	75	72	72	70	73	74	75	77	70	68	70	67	66	74	70	70	70	70	75	72	67	66	69	72	74	74	70	68	71.5
Pocahontas	Maximum	95	92	90	87	86	87	90	90	92	94	91	92	91	87	86	87	89	94	93	89	92	93	92	91	91	94	90	85	80	83	88	89.7
	Minimum	69	68	70	68	61	62	63	71	70	73	67	70	68	63	58	57	65	65	65	64	67	66	66	58	56	62	66	62	62	65	63	64.8
Portland	Maximum	95	95	95	92	89	89	91	94	95	95	94	93	88	91	87	90	90	92	90	95	94	92	91	89	92	94	94	96	90	87	88	91.8
	Minimum	74	74	73	73	71	70	67	70	71	70	72	74	70	69	66	66	68	69	66	68	67	71	70	66	63	67	69	72	71	73	73	69.8
Prescott	Maximum	95	94	91	87	91	91	93	94	96	95	96	95	91	91	89	91	90	94	93	93	95	94	93	90	93	93	92	95	91	86	91	92.4
	Minimum	74	74	74	70	71	70	71	72	71	73	73	75	65	69	66	65	71	70	69	69	71	74	69	69	68	69	70	71	71	69	69	70.4
Rison	Maximum	96	94	93	92	90	90	93	94	96	95	94	92	90	99	93	94	91	94	93	93	96	95	91	92	92	93	93	95	88	82	91	92.7
	Minimum	70	74	72	73	69	69	67	69	71	72	73	68	66	65	63	62	71	68	67	67	66	72	66	62	63	65	69	72	71	68	66	68.3
Searcy	Maximum	93	93	83	81	79	86	89	90	92	94	85	92	89	82	82	87	87	92	92	87	89	90	87	89	89	90	89	88	75	85	87	87.5
	Minimum	69	70	70	70	67	68	66	72	71	70	68	71	68	70	64	60	67	65	67	68	67	68	67	63	62	66	70	70	68	67	65	67.5
Stuttgart	Maximum	95	96	90	86	85	88	92	93	95	95	88	94	89	86	86	90	90	94	94	90	93	90	89	89	90	93	90	93	85	82	90	90.3
	Minimum	74	74	71	73	71	70	68	74	75	74	74	73	69	67	66	64	71	70	70	68	68	73	69	66	65	68	73	74	71	69	67	70.3
Texarkana	Maximum	92	94	93	90	90	94	95	93	96	95	94	94	91	93	83	91	90	94	90	91	95	95	94	89	91	92	92	93	92	88	90	92.1
	Minimum	72	73	75	72	70	70	74	71	71	71	71	73	67	67	65	65	68	70	70	69	70	70	72	68	68	65	69	65	65	70	69	69.5
Thornburg	Maximum	96	90	84	86	79	89	95	91	93	95	90	93	91	90	89	89	87	94	89	90	92	93	92	92	94	95	94	90	82	81	90	90 2
	Minimum	76	69	71	69	69	69	69	70	64	76	73	65	62	62	62	53	66	61	66	58	67	65	59	56	67	56	66	68	68	66	59	65.2
Warren	Maximum	93	94	92	89	89	88	90	90	93	93	92	92	86	89	85	86	87	90	90	92	90	90	89	87	88	90	92	94	90	85	86	89.7
	Minimum	73	75	77	74	72	71	70	70	74	74	75	77	68	68	67	67	72	71	69	70	71	74	71	66	67	69	72	75	74	71	71	71.5
Wilson	Maximum	95	95	84	82	83	85	91	90	95	94	91	92	90	85	82	88	87	92	91	87	90	89	87	86	90	90	90	89	75	83	87	88.2
	Minimum	74	74	72	68	62	60	64	72	70	72	66	70	67	66	58	63	66	69	67	63	64	69	64	59	59	66	70	71	69	68	65	66.7
Wynne	Maximum	96	95	85	84	84	83	92	92	94	93	83	95	96	91	96	90	89	92	94	88	91	93	91	88	90	91	92	91	83	80	87	90.0
	Minimum	71	71	69	70	66	62	61	70	70	70	67	69	65	61	60	60	66	67	65	65	67	68	65	60	60	67	68	70	69	66	62	66.0

§§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau, Little Rock, Ark.9-29-33-1000

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

H. S. COLE

Vol. XXXVIII Little Rock, Ark., September, 1933 No. 9

GENERAL SUMMARY

This was the warmest and wettest September since September 1925. Although maximum temperatures were not unseasonably high, mean temperatures were below the normal for only one or two days during the entire month with departures of 10° or more occurring from the 17th to the 19th and during the last week of the month. The average temperature for the State, based on the reports of 62 stations, was 78.5° which is 4.1° above the mean for the past 43 years. All stations for which normals have been computed had positive departures. Monthly means ranged from 72.0° at Dutton to 82.0° at Highland. The highest temperature recorded was 102° at Hope on the 18th; the lowest, 41° at Dutton on the 21st. The greatest daily range was 47° at Hope on the 21st and at Dumas on the 22d.

Rainfall was heavy to excessive in most of the northern half of the State during the first four days of the month and at several stations in the northern portion of the southern half, more than half of the monthly total for a number of stations occurring during this four-day period. Showers with heavy local rains occurred about the middle of the month and rainfall was general over the State from the 24th to the 29th. Heavy to excessive rains occurred during the latter period, Georgetown reporting 4.50 inches and Gravette 4.20 inches on the 29th. The average precipitation for the State for the 87 stations reporting was 5.10 inches which is 1.77 inches above the mean for the past 43 years. Of the stations with records of 10 years or more, 23 had negative departures and 46 positive. Monthly totals ranged from 0.17 inch at Magnolia to 14.92 inches at Grannis with stations in the northwestern portion receiving the heaviest rainfall and those in southern border counties and south-central sections the least. The greatest amount measured in any 24-hour period was 8.92 inches at Grannis on the 12th. The average number of rainy days was 8.

The cloudy, rainy weather the first and last of the month was unfavorable for cotton but otherwise the weather was generally favorable except in localities where heavy to excessive rains occurred about the middle of the month. In sections where rainfall was heaviest considerable damage was done and numerous complaints were received of rank growth, shedding, and boll weevil activity. Army worms appeared the latter part of the month but the crop was far enough advanced to prevent serious damage. Late corn, rice, meadows, and minor crops grew under conditions mostly favorable except in localities where rainfall was heaviest and in some southern sections where the soil was too dry. Flood stage was reached at Fort Smith on the 5th and a loss of $3,600 was reported, very little damage occurring elsewhere.

T.A.M

Damage from Windstorm

Bentonville, 26th, considerable damage to roofs of buildings, porches, and small buildings.

Damage from Lightning

Near Bentonville, 26th, barn and contents destroyed, loss $1,500.

Near Eureka Springs, 26th, general store and contents destroyed, loss $5,000.

Killed and Injured by Lightning

Cabot, 1st, 3 killed, 8 injured during electrical storm.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	..	..	2	2	2	3	2	..	..	..	..	..	..	..	3	1	1	1	.	.	1	.	.	..		.	..	7	2	1	..
Light Hail	..	..	.	.	..	..	..	..	..	.	.	.	..	..	.	.	.	.	.	..	..		..	.	..	1	..	1	..	..	..
Moderate Hail	..	..	.	..	..	..	.	.	.	..	.	.	.	.	.	.	..	.	..	.	..	..	..	..	..	.	.		.	..	..
Heavy Hail	..	..	..	..	..		.	..	..	.	.	..	..	..	..	..	..	..		..	.	..	..	..	..	.	.	.	..	.	..
Thunderstorms	23	27	20	18	2		.	..	6	12	10	14	9	9	8	.	2	..	3	3	.	.		28	8	10	19	20	15	7	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level) Mean	Highest	Date	Lowest	Date	Wind Average hourly velocity	Maximum velocity	Direction	Date	Relative humidity 7 a.m.	12 noon	7 p.m.	Percentage of sunshine
Bentonville	29.91	30.15	20	29.65	11	5.0	22	s	25	....	...	....	68
Fort Smith	29.92	30.13	20	29.68	11	6.4	29	s	24	88	63	64	74
Little Rock	29.94	30.12	20	29.72	11	6.5	22	nw	19	88	56	69	70
Memphis	29.95	30.09	20	29.74	11	6.4	22	n	28	83	60	70	68

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature Mean	Departure	Highest	Lowest	Precipitation Average	Departure	Greatest monthly	Least monthly	Average snowfall	Number of days Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	73.4	−1.0	102	40	0.94	−2.39	5.80	0.00	0	2	22	6	2
1892	70.8	−3.6	96	32	2.14	−1.19	6.12	T.	0	3	23	4	3
1893	74.0	−0.4	103	36	3.75	+0.42	8.27	0.71	0	5	19	5	6
1894	73.1	−1.3	100	38	3.56	+0.23	8.94	0.40	0	6	14	8	8
1895	77.1	+2.7	105	32	1.36	−1.97	3.88	0.03	0	4	19	7	4
1896	73.3	−1.1	106	35	3.25	−0.08	6.07	0.69	0	10	11	9	10
1897	76.6	+2.2	108	33	0.60	−2.73	2.87	0.00	0	2	21	7	2
1898	75.2	+0.8	104	40	7.35	+4.02	21.95	3.26	0	8	15	6	9
1899	71.9	−2.5	109	28	1.21	−2.12	3.00	T.	0	3	20	7	3
1900	78.0	+3.6	104	48	4.25	+0.92	9.17	1.24	0	7	12	12	6
1901	72.6	−1.8	101	32	3.08	−0.25	8.87	0.17	0	4	18	8	4
1902	68.4	−6.0	99	30	5.06	+1.73	9.31	2.63	0	8	15	8	7
1903	70.7	−3.7	102	34	2.47	−0.86	7.38	0.40	0	5	18	7	5
1904	75.4	+1.0	101	37	2.46	−0.87	6.18	0.16	0	5	15	9	6
1905	74.2	−0.2	100	44	3.90	+0.57	8.03	0.50	0	8	16	7	7
1906	75.7	+1.3	100	47	6.24	+2.91	12.27	2.33	0	10	11	9	10
1907	73.9	−0.5	106	38	2.22	−1.11	13.63	0.02	0	4	19	8	3
1908	73.4	−1.0	101	29	4.00	+0.67	9.65	0.84	0	7	13	8	9
1909	74.7	+0.3	108	31	2.84	−0.49	8.05	0.36	0	5	18	7	5
1910	76.4	+2.0	101	44	2.41	−0.92	9.34	0.05	0	5	18	8	4
1911	79.0	+4.6	102	46	3.67	+0.34	10.00	0.00	0	6	18	9	3
1912	78.5	+4.1	106	32	2.40	−0.93	5.33	0.33	0	4	18	8	4
1913	71.7	−2.7	108	33	10.10	+6.77	17.84	3.78	0	13	9	9	12
1914	74.4	0.0	101	38	3.19	−0.14	10.61	0.41	0	5	16	9	5
1915	74.9	+0.5	100	34	1.43	−1.90	4.79	T.	0	3	16	8	6
1916	72.5	−1.9	102	30	3.40	+0.07	7.51	0.39	0	6	19	6	5
1917	71.8	−2.6	99	37	1.76	−1.57	5.26	0.06	0	4	18	7	5
1918	67.3	−7.1	104	29	4.63	+1.30	10.10	1.80	0	7	16	5	9
1919	74.6	+0.2	108	40	2.72	−0.61	6.30	0.42	0	4	15	8	7
1920	74.9	+0.5	100	30	3.56	+0.23	8.25	1.13	0	6	17	6	7
1921	79.6	+5.2	104	35	3.38	+0.05	6.96	0.67	0	6	14	9	7
1922	76.2	+1.8	106	37	1.25	−2.08	5.89	T.	0	3	22	5	3
1923	73.0	−1.4	98	45	5.56	+2.23	13.91	1.69	0	9	12	7	11
1924	69.7	−4.7	103	29	3.99	+0.66	11.10	0.86	0	7	17	5	8
1925	80.5	+6.1	113	47	5.96	+2.63	15.61	0.58	0	7	16	7	7
1926	76.8	+2.4	101	40	3.99	+0.66	14.55	0.27	0	7	14	8	8
1927	75.9	+1.5	105	32	3.37	+0.04	11.96	0.75	0	6	16	8	6
1928	70.5	−3.9	101	32	0.45	−2.88	2.60	0.00	0	1	22	5	3
1929	73.4	−1.0	102	41	2.46	−0.87	5.86	0.31	0	5	15	8	7
1930	75.7	+1.3	106	35	4.10	+0.77	11.80	1.21	0	8	15	8	7
1931	78.4	+4.0	102	34	1.00	−2.33	4.32	0.00	0	3	22	7	1
1932	73.8	−0.6	103	35	2.54	−0.79	7.99	0.30	0	6	12	10	8
1933	78.5	+4.1	102	41	5.10	+1.77	14.92	0.17	0	8	15	8	7
Period	74.4	......	113	23	3.33	......	21.95	0.00	0	6	17	7	6

Daily River Stages for September, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	14.2	13.3	15.6	20.6	22.3	18.6	17.3	14.6	12.4	10.9	10.3	9.4	10.0	8.6	8.3	7.8	8.5	8.4	7.6	7.0	6.7	6.6	6.6	6.3	6.1	5.8	5.4	5.3	5.3	5.6	
Ozark	do	22	10.4	10.8	12.1	15.3	17.7	15.4	14.2	12.2	10.2	8.3	7.4	6.5	5.8	6.2	5.0	4.5	4.2	4.9	4.6	3.7	3.2	2.9	2.9	2.8	2.5	2.3	2.0	1.7	1.4	1.4	
Dardanelle	do	22	9.9	12.6	12.3	15.3	18.5	18.6	16.7	15.4	13.3	11.3	9.9	9.2	8.7	8.3	8.2	7.6	7.3	7.1	7.4	7.1	6.7	6.3	6.1	6.0	6.0	5.8	5.7	5.4	5.3	5.2	
Morrilton	do	20	8.0	9.6	10.3	12.5	16.6	17.8	16.1	14.6	12.6	10.2	8.2	6.8	6.0	5.2	5.4	4.3	3.7	3.2	3.5	3.7	3.0	2.2	1.7	1.6	1.6	1.4	1.2	1.0	0.7	0.4	
Little Rock	do	23	8.0	8.0	10.1	10.9	14.5	17.0	16.5	15.0	13.8	11.5	9.5	7.7	6.5	5.9	5.2	5.2	4.3	3.7	3.4	3.7	3.8	3.1	2.5	2.1	2.1	2.0	1.9	1.7	1.7	1.3	
Pine Bluff	do	25	10.8	12.4	12.7	14.3	15.8	19.1	20.2	19.4	18.2	16.9	15.2	13.4	11.9	11.4	10.4	9.8	9.8	8.9	8.6	8.3	8.3	8.5	7.8	7.3	7.1	7.0	6.9	6.8	6.7	6.7	
Danville	Petit Jean	20	3.6	3.2	2.9	10.1	7.8	6.7	5.2	4.2	2.6	2.2	1.9	1.8	7.1	4.4	2.7	2.5	2.4	1.9	1.7	1.6	1.6	1.5	1.5	1.5	1.7	1.8	1.8	1.8	1.8	1.7	

Climatological Data for September, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	79.2[a]	+4.6	95[a]	18	52[a]	22	40[b]	3.35	+0.25	1.20	0.0	5	11	19	0	s.	J. W. Campbell
Arkadelphia	Clark	250	38	....	....	....	....	....	....	....	1.12	−1.87	0.60	0.0	6	15	10	5	se.	W. K. Bown
Arkansas City	Desha	145	49	....	....	....	....	....	....	....	2.63	−0.23	1.17	0.0	6	20	4	6	....	Herbert Neff
Arlberg	Stone	700	11	....	....	....	....	....	....	....	4.25	+0.65	1.13	0.0	8	12	12	6	ne.	J. D. Reeves
Batesville	Independence	277	34	77.2	+4.6	98	17	48	21	38	6.38	+2.69	1.98	0.0	12	14	4	12	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	78.5	+4.3	98	17†	51	21	38	6.57	+3.35	1.45	0.0	12	16	6	8	s	J. E. Scanlan
Bentonville	Benton	1303	28	74.7	+3.9	92	18	50	20†	33	8.62	+4.84	2.31	0.0	9	11	8	11	sw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	3	....	....	....	....	....	....	....	5.55	....	1.03	0.0	8	16	6	8	....	C. J. Brooks
Black Rock	Lawrence	259	32	....	....	....	....	....	....	....	9.78	+6.06	2.64	0.0	12	17	0	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	8	78.8	....	97	17†	51	21	31	8.52	....	2.38	0.0	11	18	7	5	s.	Samuel Norris
Booneville	Logan	465	19	80.0	+4.4	101	17†	48	21	46	2.94	−0.43	2.06	0.0	6	13	12	5	s.	F. H. Randolph
Brinkley	Monroe	205	46	79.6[a]	+4.8	101[a]	18	49[a]	21†	42[a]	4.46	+0.98	2.00	0.0	5	19[a]	3[a]	7[a]	sw.	R. J. Torry
Calico Rock	Izard	361	29	77.3	+4.9	96	17†	51	21	38	6.34	+2.76	1.32	0.0	11	20	2	8	se.	E. R. Wiseman
Camden	Ouachita	158	48	80.0	+4.6	98	17†	49	21†	42	1.19	−2.12	0.54	0.0	5	15	8	7	w.	J. M. Knight
Carthage	Dallas	....	28	78.6	....	98	17†	46	22	46	1.80	−1.49	1.04	0.0	4	14	15	1	sw.	P. K. Wylie
Center Point	Howard	470	34	81.3	+4.4	99	10†	51	21	40	6.08	+2.57	2.49	0.0	9	13	11	6	s.	John C. Floyd
Clarendon	Monroe	172	29	....	....	....	....	....	....	....	6.20	+2.51	1.93	0.0	12	17	4	9	s.	J. W. Bishop
Clinton	Van Buren	516	12	....	....	....	....	....	....	....	7.62	+3.90	2.95	0.0	8	18	7	5	w.	A. L. Stephens
Conway	Faulkner	309	50	80.2	+5.2	100	19	51	21†	40	5.33	+1.92	2.00	0.0	9	19	5	3	s	E. E. Cordrey
Corning	Clay	293	40	77.5	+5.1	97	16	49	21	37	4.05	+0.35	1.70	0.0	10	15	6	9	s.	Winfred D. Polk
Cotter	Baxter	408	6	....	....	....	....	....	....	....	5.60	....	1.20	0.0	8	17	5	8	sw.	O. B. McSpadden
Crosset	Ashley	175	21	80.6[b]	....	95[b]	15†	48[b]	22	44[c]	1.93	−0.62	0.90	0.0	5	12[b]	8[b]	8[b]	sw.	G. A. Gifford
Danville	Yell	327	17	....	....	....	....	....	....	....	5.82	+2.25	2.10	0.0	9	13	12	5	s.	J. M. Patterson
Dardanelle	Yell	330	47	79.0	+4.2	96	17†	51	21	37	4.73	+1.30	1.85	0.0	9	11	16	3	s.	Geo. N. Goodier
Dumas	Desha	162	28	81.2	+5.3	101	17	49	22	47	2.63	−0.71	1.55	0.0	5	10	16	4	s.	Ben Johnson
Dutton	Madison	1590	30	72.0	+3.5	90	17†	41	21	40	10.73	+5.85	3.98	0.0	10	17	9	4	s.	J. M Ricketts
El Dorado	Union	270	33	81.6	+4.8	99	18†	54	21†	40	1.43	−1.60	0.63	0.0	5	9	14	7	s.	J. J. Babb
England	Lonoke	229	26	80.0[b]	+5.0	100[b]	18	52[b]	21	38[b]	3.28	−0.25	0.72	0.0	11	18[b]	7[b]	3[b]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	76.2	+4.3	92	9†	52	21	33	6.43	+2.14	1.51	0.0	12	16	7	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	75.6	+3.4	91	17†	48	21	35	11.07	+7.42	2.89	0.0	11	16	10	4	sw.	University of Arkansa
Fort Smith	Sebastian	457	52	79.7	+5.7	97	18	56	21	34	7.16	+4.17	4.01	0.0	9	13	12	5	e.	U. S. Weather Burea
Freeman Springs‡‡	Pope	2240	9	....	....	....	....	....	....	....	7.27	....	1.44	0.0	12	16	7	7	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	....	....	....	....	....	....	....	3.98	+1.11	2.12	0.0	7	16	7	7	....	T. J. Logan
Georgetown	White	200	21	....	....	....	....	....	....	....	7.36	+3.42	4.50	0.0	7	18	0	12	....	W. P. Owens
Gilbert	Searcy	675	9	....	....	....	....	....	....	....	5.68	....	2.50	0.0	5	22	2	6	....	S. G. Battenfield
Grannis	Polk	900	14	76.9	+3.4	95	10†	46	21	40	14.92	+10.75	8.92	0.0	11	15	8	7	e.	W. E. McVay
Gravette	Benton	1250	36	74.6	+4.0	93	17	48	20	35	12.20	+8.38	4.20	0.0	9	15	5	10	sw.	A. F. Stevens
Harrison	Boone	1052	33	75.1	+5.1	93	18	47	21	36	5.31	+1.21	2.00	0.0	10	21	5	4	sw.	Louis R. Keck
Helena	Phillips	250	61	79.4	+4.1	98	19	51	21	35	3.22	−0.19	1.03	0.0	10	11	9	10	sw.	James A. Burnett
Higden	Cleburne	445	14	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Trumon Brown
Highland	Pike	....	14	82.0	....	101	16	56	21	35	1.99	−1.21	0.98	0.0	6	5	23	2	s.	J. O. Cooley
Hope	Hempstead	377	63	80.2[h]	+3.7	102[h]	18	47[h]	21	47[h]	2.11	−1.09	0.75	0.0	6	12[h]	6[h]	4[h]	....	N. P. O'Neal
Hot Springs	Garland	600	42	80.0	+4.6	98	18	55	21	36	2.37	−1.10	1.02	0.0	8	15	14	1	....	National Park Service
Jessieville	Garland	750	7	....	....	....	....	....	....	....	3.20	....	0.80	0.0	7	13	14	3	....	U. S. Forest Service
Jonesboro	Craighead	345	38	79.2	+4.8	97	18	53	21	36	5.77	+2.37	1.23	0.0	10	18	7	5	sw.	Benedictine Sisters
Lead Hill	Boone	650	27	76.6	+4.4	96	17†	46	21	42	8.12	+4.49	3.10	0.0	10	18	5	7	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	79.2	+5.1	95	19	59	22	28	6.00	+2.83	3.50	0.0	11	16	7	7	s.	U. S. Weather Bure
Lurton	Newton	2100	7	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Miss Mary Sutton
Lutherville‡‡	Johnson	775	34	78.1	+4.3	96	18	53	21	35	5.13	+1.09	2.00	0.0	9	13	10	7	sw.	H. G. Lennardt
Madison	St. Francis	....	3	....	....	....	....	....	....	....	2.23	....	0.83	0.0	6	16	1	13	....	J. W. Eppes
Magnolia	Columbia	315	17	80.9	+4.9	100	18	50	21†	42	0.17	−2.14	0.15	0.0	2	8	20	2	sw.	State Agri. School
Malvern	Hot Springs	277	47	79.6	+5.0	99	17†	49	22	44	3.70	+0.51	1.40	0.0	8	22	6	2	s.	Mrs. W. L Matthew
Mammoth Spring	Fulton	600	29	75.0	+3.6	91	17†	50	21	31	6.53	+2.72	1.28	0.0	8	13	9	8	s.	S. F. Whittaker
Marianna	Lee	235	21	79.1	+5.3	95	17	51	22	36	4.99	+2.11	1.73	0.0	7	7	20	3	ne.	C. N. Houck
Marked Tree	Poinsett	229	28	78.2	+4.6	97	17†	51	21†	37	4.31	+1.47	1.19	0.0	9	13	15	2	n.	Charles Walton
Marshall	Searcy	1070	19	75.8[d]	+3.6	94	18	61[g]	8	28[g]	5.71	+1.45	2.75	0.0	10	15	6	9	s.	A. J. Parks
Mena	Polk	1185	45	77.5	+5.5	95	10	50	21	37	7.21	+3.39	3.47	0.0	11	16	7	7	sw.	E. W. St. John
Morrilton	Conway	347	14	78.4	....	95	17†	54	22	36	4.22	+1.46	1.68	0.0	8	20	3	7	e.	Miss Ruby Cook
Mountain Home	Baxter	800	21	76.6	+5.4	96	18	48	21	40	4.10	−0.24	1.15	0.0	9	14	3	13	s.	B. S. Halbert
Mount Ida	Montgomery	650	34	77.0	+3.9	96	17†	43	21	44	3.03	−0.55	0.90	0.0	7	19	7	4	w.	G. A. Whittington
Newport	Jackson	231	50	79.4	+5.4	100	18	51	21	38	8.08	+4.47	2.87	0.0	10	14	4	12	n.	J. D. Henderson
Norman	Montgomery	750	5	....	....	....	....	....	....	....	3.70	....	1.10	0.0	8	13	9	8	....	U. S. Forest Service
Oden	Montgomery	800	7	....	....	....	....	....	....	....	4.57	....	2.50	0.0	9	12	13	5	s.	U. S. Forest Service
Okay	Howard	288	4	80.0	....	100	17†	47	21	45	4.49	....	2.31	0.0	8	21	6	3	s.	Charles R. Jackson
Osceola	Mississippi	240	37	81.0	+7.2	101	17†	56	22	35	2.53	−0.31	1.30	0.0	6	18	8	4	sw.	Mrs. Ruth H. Dougla
Ozark	Franklin	396	38	77.8	+2.0	95	17†	52	21†	38	7.40	+4.12	2.80	0.0	11	19	1	10	e.	Orkney O. Milton
Paragould	Greene	301	10	....	....	....	....	....	....	....	10.04	....	4.16	0.0	11	16	8	6	se.	W. R. Heagler
Patterson	Woodruff	196	17	....	....	....	....	....	....	....	4.67	+1.78	1.62	0.0	7	19	5	6	sw.	W. E. Baker
Piggott	Clay	307	9	....	....	....	....	....	....	....	6.80	....	1.54	0.0	12	17	2	11	sw.	V. C. Wright
Pine Bluff	Jefferson	215	46	81.4	+6.5	101	18	54	21†	39	4.11	+0.55	1.78	0.0	10	13	7	10	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	77.2	+3.8	96	17†	49	21	36	6.53	+2.96	1.80	0.0	12	9	6	15	sw.	Benedictine Sisters
Portland	Ashley	122	27	80.5	+4.1	98	19	48	22	42	1.26	−1.45	0.90	0.0	4	9	10	11	s.	W. E. Edmiston
Prescott	Nevada	329	45	80.8	+4.8	99	18†	51	21	41	1.48	−1.61	0.66	0.0	7	18	8	4	s.	Craig Williams
Rison	Cleveland	243	33	80.2	+4.2	99	17†	51	21	42	2.52	−0.81	0.86	0.0	4	18	9	3	sw.	Mrs. M. V Tisdale
Rogers (near)	Benton	1385	42	75.2	+4.2	94	18	49	21	36	10.05	+6.26	2.31	0.0	11	18	4	8	s.	Carl A. Starck
St. Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	....	..	.	..	.	....	
St. Francis	Clay	290	6	....	....	....	....	....	....	....	7.87	....	1.98	0.0	12	17	3	10	....	S. T. Rooney
Searcy	White	236	23	78.0	+3.8	95	17†	50	22	36	5.50	+2.52	1.83	0.0	11	19	4	7	sw.	Arthur D. Smith
Story	Montgomery	700	9	....	....	....	....	....	....	....	2.31	....	0.93	0.0	9	21	6	3	s.	S. C. Story
Stuttgart	Arkansas	209	46	80.2	+5.2	97	17†	53	21	35	3.74	+0.40	1.16	0.0	10	15	13	2	sw.	Mrs. Kress Swim
Subiaco	Logan	1050	36	79.0	+4.9	97	17†	51	21	39	3.66	+0.32	1.53	0.0	10	14	13	3	se.	New Subiaco Abbey
Sunset	Washington	....	2	74.8	....	90	17†	56	20	22	11.91	....	5.65	0.0	11	19	5	6	sw.	Walter James
Texarkana	Miller	332	48	79.9	+3.1	101	19	49	21	42	3.30	+0.39	1.67	0.0	4	15	4	11	s.	H. S. Brashear
Thornburg	Perry	650	13	77.4	....	98	18	43	21	46	5.33	+1.81	2.10	0.0	7	14	10	6	s.	Edward E. Holmes
Waldron	Scott	675	14	....	....	....	....	....	....	....	2.96	−0.41	1.21	0.0	6	12	8	10	sw	Dr. Cheves Bevill
Warren	Bradley	206	39	79.9	+3.9	96	16†	53	21†	34	1.30	−2.68	0.50	0.0	8	21	6	3	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	....	....	....	....	....	....	....	3.09	....	1.35	0.0	7	10	8	12	sw.	J. R. Huddleston
Wilson	Mississippi	237	8	77.9	....	97	18	48	21	37	2.28	....	0.95	0.0	6	19	3	8	s.	D. O. Anderson
Wynne	Cross	250	25	77.4	+3.1	95	17	47	21	38	2.42	−1.18	0.99	0.0	5	18	9	3	s.	R. T. Cobbs
Yancopin	Desha	167	9	....	....	....	....	....	....	....	5.20	....	2.26	0.0	7	16	5	9	....	W. E. Barton
State Means				78.5	+4.1	102	18	41	21	47	5.10	+1.77	8.92	0.0	8	15	8	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in mean and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:– Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. *Included in next measurement. Data in Italics partly interpolated. ***24 hours ending midnight. ||||24 hours ending 7 a. m.

Daily Precipitation for September, 1933

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita				.93								1.20	.47												.61					.14		3.35
Arkadelphia	Ouachita	.01			T.	T.						.01	.12	.02	T.	T.										.60			.36				1.12
Arkansas City	Mississippi			1.17		T.				.28	.45	T.	.10													.31				.32			2.63
Arlberg	White	1.13	.43	.30	1.06							.41														.60		.32					4.25
Batesville	White	.08	.44		1.98	.82								.17	.65		.03									.23	.02	.14	.05	1.77			6.38
Bee Branch	Arkansas	1.25	.43	1.45	1.05						.30		.05	.30		.10									.20	.30		.94		.20			6.57
Bentonville***	Arkansas	.55	2.31	1.37	.02								.34	.51						T.						T.	1.64	T.	1.51	.37	T.		8.62
Big Lake Outlet	St. Francis		.94	.40	.80	1.03								T.	T.						.68					.22		.55		.93			5.55
Black Rock	White	T.	1.81	.55	2.64	.18							.03	.12	1.42	.64										.72	.05	.10		1.52			9.78
Blytheville	St. Francis		.34	.90	.59	2.38								.04		.78					.03					.68		.63	.01	2.14			8.52
Booneville	Arkansas	T.	2.06	.47	.23						.02					T.				T.					T.	T	T	.12		.04			2.94
Brinkley	White		T.	2.00		.20																				.51		.89	T.	.86			4.46
Calico Rock	White	.10	.85	.83	1.32	T.	T.		T.					.45	.65	.72		T.				T.				.35	.03	.22	T.	.82	T.		6.34
Camden	Ouachita	.07		.54								.12														.38					.08		1.19
Carthage	Ouachita										.20	.18	1.04													.38							1.80
Center Point	Red			.19	.29						.20	.01	2.49												.05	.35	.09	2.41					6.08
Clarendon	White		.88	.61		1.93	.14				.50	.02					.51									.19	.01	.65	.03	.73			6.20
Clinton	White	2.30	.59	.54	2.95								.18												.30			.46		.30			7.62
Conway	Arkansas	.41	2.00	.51	.09						.08				.03										.76	.19	1.26						5.33
Corning	White		.11		1.70	.41								.37	.26	.02					.12					.66		.10		.30			4.05
Cotter	White	T.	.99	.50	.62										1.20	.42				T.						.10	T.	.97		.80			5.60
Crossett	Ouachita	.90	.03																							.76				.05	.19		1.93
Danville	Arkansas		1.20	.10	2.10	.30					.10		.60			.25										.72		.45					5.82
Dardanelle	Arkansas		1.85	.09	1.75	.03								.05												.43		.45	.03	.05			4.73
Dumas	Mississippi	.03	.30		.20							T.									T.				.55				T.	1.55			2.63
Dutton	White	1.24	3.98	1.79	.36									.50	34					T.					.23	T.	.21	1.43		.65			10.73
El Dorado	Ouachita			.63								.13	03													.07					.57		1.43
England	Arkansas	.23	.44	.08	.25	T.					.60	.02								T	.30				.57	.03	T.	.72	.04		T.		3.28
Eureka Springs	White	.52	1.51	.96	.07								.65	.23	.82											.35	.25	.20	.05	.82			6.43
Fayetteville	White	1.04	2.76	2.11									.03	.02	.69					T.					.02	.96	.09	.46		2.89			11.07
Fort Smith***	Arkansas	2.07	2.01	.24									.10	T.	.04	T.				T.					T.	1.56	.78	.16	T.	.20			7.16
Freeman Sprgs.	Arkansas	.03	.87	1.04	.90	.73							.20	.04	.71											1.44		1.05	.02	.24			7.27
Fulton	Red		T.	.04	.06							.03	1.02	T.												2.12	.11		.60				3.98
Georgetown	White		.60								.69			.34		.40										.52		.31	T.	4.50			7.36
Gilbert	White		1.24	.80											.87										.27				2.50				5.68
Grannis	Red	.01	.09	.23		.85					.28	.15	8.92												.20	.17	.12	3.90			T		14.92
Gravette	Arkansas	1.88	2.90	1.10								.14	.24													.36	.31	1.07		4.20			12.20
Harrison	White	.37	1.30	2.00								.02	.50	.19	.41										.27		.23		.02				5.31
Helena	Mississippi		.10	22		1.03				.04	.07		.12				.18				.10					.38				.98			3.22
Higden	White																																....
Highland	Ouachita			.06	.04					.19			.51												.21			.98					1.99
Hope	Red							.18	.27																.75	.05		.45		.41			2.11
Hot Springs	Ouachita	.01	1.02		.30							T.	.38	T						T.	.06				.30	T.	.03	.27					2.37
Jessieville	Ouachita		.25	.80	.20							.60					T.				.35					.55		.45					3.20
Jonesboro	White		.41	1.02	.70	.78								T	1.16						.06					.23		.14	.04	1.23			5.77
Lead Hill	White	.08	.88	1.40	T.							T.	.08	1.76	.01										.02	T.	T.	.50	.29	3.10	T		8.12
Little Rock***	Arkansas	3.36	.14	T	.48					T.	.18		.01	.02		T.				31	T.				.35	.01	.02	1.12					6.00
Lurton	White																																....
Lutherville	Arkansas	.40	1.68	2.00	.05							.50	.09	.03													T.	.18		.20			5.13
Madison	St. Francis		.83	.25						T.				.01												.40		T.	.02	.72			2.23
Magnolia	Red					.02							T.												.15								0.17
Malvern	Ouachita			1.40		.07					.02		.90								.16					.65		.25	.25				3.70
Mammoth Spg.	White		1.25	.90	.40	T.							T.	.20	1.28	.20										1.20	T.			1.10			6.53
Marianna	St. Francis	.98	1.67							.35															.11		.01	.14	1.73				4.99
Marked Tree	St. Francis		1.19	.57	.90	.26				.11					.23						.16					.08				.81			4.31
Marshall	White	.50	.60	.28	.68										.09	.03									.48	.21	T.	.09		2.75			5 71
Mena	Ouachita	.01	.23	3 47	.82	.01						T.	.21	.19	T	.08						T.				.01	.18	2.00		T.			7.21
Morrilton	Arkansas		1.68	T.	.50	T.						T.	.07			.43	.06				T.					.66	T.	.70		.12			4.22
Mountain Home	White	.08	.55	.57	T.								T.	.85	.50											.05	T.	1.15	.20	.15			4.10
Mount Ida	Ouachita			.21	.90								.03							.32						.32	.35	.90					3.03
Newport	White		.30	1.21	1.65	.17									.04	.19										2.87	.02	.01		1.62			8.08
Norman	Ouachita		.02	.06	.77							1.10		.42												.52		.79	.02				3.70
Oden	Ouachita		.10	.84	.21	.39					T.	.14	.04			T.	T.									.19	.16	2.50					4.57
Okay	Red			.52		T.	.06			T.	.47		.03												.57	.02	.51	2.31					4.49
Osceola	Mississippi			.37	.07						.15										.44					.20				1.30			2.53
Ozark	Arkansas		2.80	1.10	1.82									.20	.50	.03	T.			.03						.25	T.	.46		.20	.01		7.40
Paragould	St. Francis		.28	1.28	4.16	.87								.12	1.16	.84					.47					.18		.38		.30			10.04
Patterson	White		.82	.83		.47										.35										.35		.23		1.62			4.67
Piggott	St. Francis	.05	.51	1.50	1.54							T.	.65	.37	.32	.78										.08		.20	.40	.40			6.80
Pine Bluff	Arkansas		.04	1.23	.03	1.78	T.					.27	.12	.02							.22					.38			.02				4.11
Pocahontas	White	1.45	.15	.65	1.80								.05		1.10			.05								.40	.03	.17	.18	.50			6.53
Portland	Ouachita						.06				.90															.25				.05			1.26
Prescott	Ouachita										.20	.01	.05	.06	.19											.66			.31				1.48
Rison	Ouachita			.37							.68		.86													.61							2 52
Rogers (near)	White	1.08	2.31	1.58	.33								.15	.08	.41					T.					T	.79	.28	1.83		1.21			10.05
St. Charles	White																																....
St. Francis	St. Francis		.21	.66	1.94	1.98							.26	.16	.32	.82			T.		.12					.16	T.	.42	T.	.82	T.		7.87
Searcy	White		1.83	.03	03	1.50						.24				.77	T.									.47	.02	.53	.02	.06			5.50
Story	Ouachita		.12	.09	.93							.09	.11								.10					.59	.06	.22					2.31
Stuttgart	Arkansas		1.16	.75		.87	.03				.20		.04								.12					.28			.21	.08			3.74
Subiaco	Arkansas	.75	1.53	.57	.03								.13	.09		T.									.35		.01	.15		.05			3.66
Sunset	Arkansas	.62	5.65	2.05	1.40								.15	.06	.19					T.					.13	.09	75			.82			11.91
Texarkana	Red												.10													.95	.58		1.67				3.30
Thornburg	Arkansas		2.10		.96	.01									.01	.07				T.					1.50			.68					5.33
Waldron	Arkansas	T.	.93	.73	T.								T.		T.	T				T.	.04				T	T.	.02	1.21		.03			2.96
Warren	Ouachita		.05	.50			.10				.05		.20	.05							T.					.20				.15			1.30
Waters	Ouachita			.04	07	62								.31												.41	.29	1.35					3.09
Wilson	Mississippi		.45	.45						.10											.18					.15				.95			2.28
Wynne	St. Francis		.99																		.05					.31		.13		.94			2,42
Yancopin	Arkansas		.09	1.49		.50				.05	.20			T.	T.											.61		T.		2.26			5.20

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.0	3.0	3.3	6.1	5.6	11.7	10.8	6.8	5.6	4.5	4.3	4.1	3.7	3.6	3.8	4.4	3.8	3.6	3.4	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.3	3.3	
Calico Rock	do	18	1.1	1.2	1.4	3.2	6.7	6.5	9.7	6.9	4.4	3.4	2.4	2.2	1.8	2.2	1.9	2.0	1.8	1.3	1.3	0.6	0.9	0.9	0.7	0.5	0.2	0.2	0.4	0.3	0.6	2.4	
Batesville	do	23	5.6	5.8	5.8	7.8	11.0	11.2	14.9	15.3	11.3	9.3	8.1	7.4	7.0	6.5	7.3	6.6	6.6	6.5	6.0	5.9	5.2	5.4	5.4	5.2	5.2	5.0	5.0	5.2	5.7	5.4	
Newport	do	26	2.9	2.7	2.9	3.7	8.4	11.8	11.8	14.1	13.1	9.4	7.0	5.1	4.1	3.9	4.7	5.0	4.1	3.9	3.4	2.9	2.5	2.1	2.3	2.2	2.0	2.0	1.8	1.8	2.3	4.9	
Georgetown	do	22	1.4	2.4	3.2	3.4	4.2	8.4	11.7	13.0	14.2	14.3	13.3	11.5	9.8	8.1	7.0	6.4	6.6	6.4	5.8	5.2	4.6	4.1	3.4	3.2	3.1	3.0	2.9	2.7	2.9	3.0	
Clarendon	do	30	8.2	8.4	9.2	10.0	10.6	11.2	13.2	15.7	17.2	18.3	18.9	19.2	19.1	18.5	17.4	16.2	15.2	14.7	14.3	13.9	13.5	13.0	12.5	11.9	11.5	11.1	10.9	10.8	10.7	10.7	
Black Rock	Black	14	2.8	3.8	7.0	10.9	10.3	7.6	5.9	4.6	3.7	3.4	2.8	2.7	2.6	4.8	4.2	3.6	3.3	3.0	2.8	2.7	2.7	2.6	2.6	2.5	2.6	2.5	2.5	2.4	2.7	3.4	
Arkadelphia	Ouachita	12	-1.0	-1.2	-1.2	-1.0	-0.4	-0.8	-0.8	-0.8	-0.6	-0.6	-0.8	-1.2	-0.8	-0.2	-0.6	-0.6	-0.8	-0.8	-0.8	-0.8	-1.2	-1.0	-0.4	-1.0	-0.6	-1.2	-1.2	-0.6	-0.6	-0.8	
Camden	Ouachita	26	3 9	4.4	4.1	4.0	3.8	3.9	4.1	4.3	4.3	4.0	4.7	4.5	4.2	3.9	4.1	4.9	5.5	5.2	5.6	4.2	4.1	4.2	4.1	4.2	4.4	4.4	4.2	4.1	4.0	4.0	
Fulton	Red	28	11.1	11.3	11.1	11.5	12.1	11.7	11.1	10.7	10.1	9.8	10.7	10.1	9.5	10.7	11.6	13.2	12.0	11.1	11.1	10.9	11.5	11.8	10.8	10.0	9.5	9.0	8.4	8.3	10.2	11.5	
Helena	Mississippi	44	6.2	6.7	6.9	6.6	6.6	6.9	7.7	8.5	9.7	11.0	11.6	11.7	11.3	10.6	9.7	8.8	8.1	7.7	7.7	7.9	8.2	8.2	7.7	7.3	7.0	6.9	6.8	6.9	7.5	7.5	
Arkansas City	do	48	7.9	7.9	8.4	9.1	9 6	10.4	12.4	14.1	15.1	15.7	16.1	16.1	15.8	15.0	14.0	13.0	11.9	11.0	10.2	9.6	9.3	9.3	9.3	9.0	8.5	8.0	7.6	7.3	7.2	7.5	

Daily temperatures for September, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	90	92	90	92	92	92	93	94	94	94	89	81	92	93	97	95	97	98	96	86	80	92	93	92	88	85	..	92	93	92		91.5
	Minimum	69	72	73	71	70	70	65	65	66	69	67	68	65	69	69	69	69	69	69	69	53	52	53	61	71	72	68	..	65	68		66.8
Batesville §§	Maximum	88	87	90	81	90	92	92	93	94	93	89	96	89	93	90	92	98	95	93	83	86	86	89	90	85	86	77	86	81	89		88.9
	Minimum	64	72	72	71	66	63	62	63	69	68	67	70	70	69	70	68	67	68	70	55	48	50	58	55	65	72	73	67	67	65		65.5
Bee Branch	Maximum	86	85	89	81	88	92	93	92	94	96	90	89	92	93	94	95	98	98	96	89	86	90	91	91	85	87	82	87	85	90		90.1
	Minimum	71	69	70	71	69	67	65	66	69	70	69	69	71	70	70	69	69	70	69	56	51	52	59	57	71	73	71	68	69	67		66.9
Bentonville ***	Maximum	76	70	80	86	87	89	89	88	90	91	87	83	85	76	86	89	92	92	88	82	83	88	90	88	84	84	68	83	83	85		84.7
	Minimum	66	66	68	69	69	65	64	62	64	66	69	66	69	64	61	68	66	69	60	50	50	63	70	61	72	63	57	67	67	71		64.7
Blytheville	Maximum	91	90	90	82	90	92	94	94	94	95	91	93	94	94	92	95	97	97	94	83	82	87	87	91	90	85	78	83	82	90		89.9
	Minimum	66	70	71	70	68	67	67	68	73	70	72	71	73	69	72	72	72	70	71	59	51	56	59	60	71	73	67	65	66	68		67.6
Booneville	Maximum	89	76	85	89	92	92	94	93	96	92	91	91	93	92	95	98	101	101	100	92	94	96	97	94	91	88	86	96	95	92		92.7
	Minimum	73	68	70	72	70	68	65	65	67	69	67	71	71	69	61	68	67	68	68	56	48	57	68	62	74	73	73	69	71	72		67.3
Brinkley	Maximum	93	90	93	89	90	92	93	94	..	92	92	91	95	97	97	97	98	101	98	86	89	91	91	94	90	88	87	89	91	94		92.5
	Minimum	68	71	70	71	70	68	64	69	..	70	69	70	74	71	70	69	70	71	72	65	49	49	53	54	69	73	68	65	65	68		66.7
Calico Rock§§	Maximum	90	79	85	84	90	91	93	92	94	95	92	91	92	89	91	95	96	96	95	82	87	90	94	91	88	88	72	86	77	82		88.9
	Minimum	66	69	71	72	66	67	64	63	65	68	68	68	70	70	69	70	69	70	69	55	51	52	58	55	65	73	67	66	67	67		65.7
Camden§§	Maximum	90	93	94	95	92	92	93	97	94	93	89	91	93	94	96	97	98	98	98	88	89	91	90	93	90	90	85	93	93	93		92.7
	Minimum	71	72	71	71	71	70	65	66	71	69	70	72	72	69	69	69	69	69	69	72	49	49	53	55	71	72	73	66	67	66		67.3
Carthage §§	Maximum	92	91	93	94	92	92	93	93	93	92	90	91	92	94	96	97	98	97	98	85	88	92	91	93	90	89	79	92	92	92		92.0
	Minimum	66	70	70	69	69	68	62	65	68	68	69	69	69	69	68	69	67	69	68	68	48	46	51	52	55	71	73	65	67	64		65.1
Center Point	Maximum	93	96	94	97	97	96	97	97	97	99	89	86	95	96	96	97	98	98	99	90	91	95	95	91	91	89	82	92	94	93		94.0
	Minimum	73	73	73	73	71	71	65	67	70	69	69	68	70	70	73	70	69	70	69	72	51	55	60	68	73	71	67	67	71	71		68.6
Conway	Maximum	93	89	93	88	93	93	93	94	95	94	92	90	95	95	92	96	98	99	100	90	90	91	93	94	89	89	85	90	88	94		92.5
	Minimum	72	70	72	72	70	68	66	68	71	72	70	70	73	71	71	69	70	71	70	60	51	51	59	59	71	74	73	69	70	68		68.0
Corning	Maximum	89	83	83	81	90	92	94	93	94	94	93	91	90	92	88	97	95	95	93	89	85	87	88	93	89	85	78	73	73	90		88.6
	Minimum	65	70	72	71	69	65	65	65	69	68	71	71	72	69	70	69	72	68	73	56	49	53	61	56	70	70	69	65	65	64		66.4
Crossett §§	Maximum	90	..	95	95	93	92	92	94	95	..	94	89	93	94	98	94	91	98	98	89	88	92	90	92	92	92	93	90	92	94		92.8
	Minimum	71	72	..	72	72	71	67	68	74	76	..	70	73	69	67	72	70	69	71	73	50	45	55	64	70	73	73	74	69	66		68.5
Dardanelle	Maximum	88	84	88	86	91	91	91	91	94	88	90	89	90	90	91	95	96	96	95	87	88	91	94	91	87	86	88	89	87	92		90.1
	Minimum	73	70	70	72	68	68	64	64	68	71	69	71	73	69	70	71	68	70	71	58	51	54	65	60	71	74	73	69	70	69		67.8
Dumas	Maximum	95	92	96	92	91	92	93	91	91	91	90	94	97	98	98	99	101	98	100	88	88	96	95	94	93	99	90	94	90	95		94.1
	Minimum	68	72	72	73	70	69	68	74	73	71	70	71	74	71	71	69	71	71	72	71	50	49	52	65	70	73	73	69	62	68		68.4
Dutton	Maximum	81	72	79	87	84	88	87	88	89	87	85	82	86	81	85	87	90	90	86	81	81	81	87	84	84	80	77	81	81	82		83.8
	Minimum	66	63	64	63	64	57	55	55	57	59	61	60	65	63	65	63	60	60	63	48	41	51	60	53	61	70	66	66	61	65		60.2
El Dorado	Maximum	90	92	93	95	92	91	92	92	91	93	85	91	93	96	96	98	98	99	99	88	90	94	93	90	93	92	86	96	93	94		92.8
	Minimum	74	74	74	73	72	72	69	71	74	72	71	73	74	73	70	74	71	73	71	75	54	54	57	61	73	75	74	70	73	69		70.3
England	Maximum	90	90	91	91	91	93	94	..	..	94	90	88	93	96	94	97	99	100	98	85	90	90	90	90	86	87	81	91	92	91		91.5
	Minimum	70	72	71	70	74	69	68	..	..	69	70	71	73	71	71	69	70	71	72	66	52	54	55	65	71	73	73	69	71	65		68.4
Eureka Springs	Maximum	80	71	78	87	85	91	91	91	92	92	88	88	84	78	87	88	92	92	89	83	85	89	89	88	84	82	74	82	83	87		85.7
	Minimum	68	66	67	69	68	65	65	63	65	66	70	67	69	68	61	71	70	71	74	53	52	72	72	66	71	72	59	66	65	71		66.8
Fayetteville	Maximum	81	73	82	87	87	90	89	90	90	90	88	83	82	79	86	88	91	91	88	80	83	88	89	87	85	82	76	84	85	85		85.3
	Minimum	67	65	65	69	68	65	64	61	64	66	69	66	69	69	63	70	76	68	71	50	48	64	70	63	70	72	59	67	65	70		65.8
Fort Smith***	Maximum	90	73	86	89	91	92	91	91	93	92	91	81	88	84	92	92	96	97	94	86	90	94	94	91	89	88	76	91	92	91		89.5
	Minimum	72	68	70	72	72	72	69	68	70	71	72	72	72	72	68	72	71	73	73	63	56	63	71	67	73	74	65	70	73	72		69.9
Gravette	Maximum	81	72	81	86	91	89	89	92	91	87	82	83	86	83	89	90	93	91	87	83	84	88	89	87	83	82	76	84	83	86		85.6
	Minimum	64	64	64	65	64	64	60	63	64	68	65	67	57	58	62	68	65	68	71	48	49	69	69	63	69	68	55	65	65	69		63.7
Harrison	Maximum	85	73	74	84	86	91	90	91	92	90	90	90	80	84	88	90	91	93	91	81	83	90	89	88	84	85	85	81	79	88		86.2
	Minimum	67	67	69	70	69	63	63	62	61	66	66	67	65	69	68	68	68	68	68	54	47	63	60	58	59	60	61	66	66	62		64.0
Helena	Maximum	89	91	92	93	89	89	90	93	89	87	89	89	93	94	93	95	97	96	98	83	84	87	88	91	92	88	85	94	87	91		90.6
	Minimum	70	71	72	71	70	69	68	70	71	71	72	69	72	72	71	73	71	69	73	62	51	52	59	68	68	72	73	67	62	69		68.3
Highland	Maximum	92	94	95	96	96	98	97	99	98	90	91	95	96	96	95	101	99	98	96	94	91	95	96	90	94	95	94	92	93	94		95.0
	Minimum	74	70	71	71	70	71	63	73	72	69	69	71	72	69	72	73	71	71	70	68	55	61	62	64	67	70	72	66	67	68		68.9
Hope	Maximum	92	94	95	98	98	94	92	88	..	..	..	88	94	97	98	98	100	102	100	89	94	95	95	83	92	..	..	..	..	..		94.4
	Minimum	70	72	70	70	69	63	67	65	..	..	..	72	69	67	68	68	69	67	68	69	47	51	57	57	71	..	..	..	..	..		65.9
Hot Springs	Maximum	89	86	88	92	91	94	94	94	92	90	88	84	92	94	95	94	97	98	95	84	91	94	93	91	89	83	80	89	93	91		90.9
	Minimum	74	71	72	72	70	69	66	67	71	71	70	70	73	70	71	70	70	70	70	66	55	59	68	67	71	74	70	66	72	72		69.2
Jonesboro	Maximum	91	87	91	88	88	90	91	92	92	94	91	91	92	92	91	95	96	97	95	86	89	90	92	87	86	87	80	84	78	91		89.8
	Minimum	69	70	72	71	70	69	69	71	73	72	72	72	74	69	72	72	74	72	75	54	53	60	61	70	62	71	69	65	66	68		68.6
Lead Hill	Maximum	87	75	76	89	89	91	92	93	94	95	93	90	88	84	90	94	96	96	94	84	88	94	93	93	88	89	80	81	80	91		88.9
	Minimum	68	69	69	70	69	64	62	60	62	64	67	67	69	68	67	68	67	67	66	50	46	52	63	55	71	74	61	67	66	64		64.4
Little Rock.***	Maximum	88	86	90	87	88	88	88	90	88	89	87	84	90	92	92	93	94	94	95	83	85	87	88	87	85	84	81	88	86	89		88.2
	Minimum	70	71	73	72	71	72	69	70	74	73	71	71	75	74	73	73	73	74	74	66	60	59	62	68	71	71	70	68	70	69		70.3
Lutherville	Maximum	87	75	82	89	92	93	92	93	94	92	90	85	90	88	91	91	95	96	94	85	88	90	93	90	86	86	84	87	85	90		89.1
	Minimum	70	66	68	70	63	66	65	65	68	68	63	68	70	68	69	70	68	70	70	58	53	57	66	63	70	73	72	68	69	69		67.1
Magnolia	Maximum	90	93	95	95	94	90	94	93	92	92	87	91	94	95	95	95	97	100	98	94	90	92	93	91	92	92	84	93	95	94		93.0
	Minimum	73	74	73	73	71	71	64	63	71	70	70	74	72	71	68	70	68	70	70	73	50	50	60	70	72	74	73	67	72	68		68.8
Malvern	Maximum	92	91	93	93	93	94	94	95	93	91	91	86	93	95	95	95	99	99	97	87	96	96	94	93	87	89	82	92	94	93		92.5
	Minimum	72	70	71	71	70	68	63	65	70	69	68	70	71	68	71	67	67	68	67	68	70	49	54	60	71	74	70	66	71	65		66.8
Mammoth Spring	Maximum	81	78	82	81	86	85	86	88	89	88	87	87	84	85	86	88	91	91	90	78	80	81	85	87	82	86	81	78	80	86		84.6
	Minimum	65	68	72	70	68	64	63	63	62	65	66	65	69	67	65	67	71	75	73	54	50	52	61	56	68	71	68	64	65	65		65.3
Marianna	Maximum	88	89	90	88	89	89	89	90	90	87	88	89	89	92	91	92	95	93	94	92	83	87	86	89	89	88	86	90	86	89		89.2
	Minimum	70	70	69	71	71	70	68	71	73	71	72	70	74	72	73	72	71	71	74	67	53	51	65	62	76	74	70	67	69	69		69.0
Marked Tree§§	Maximum	91	89	90	86	90	92	93	93	93	93	90	90	91	93	92	95	97	97	94	81	87	88	89	91	88	87	80	87	80	90		89.9
	Minimum	66	70	70	69	70	67	65	67	69	70	71	70	71	69	70	71	70	70	70	61	51	51	53	59	62	70	74	65	65	66		66.5
Marshall	Maximum	79	75	74	80	87	86	85	86	87	93	84	89	80	89	78	87	93	94	93	87	85	83	82	82	79	79	78	75	77	84		83.7
	Minimum	70	73	69	69	68	65	62	61	65	65	67	67	72	67	66	67	79	79	..	..	..	..	..	..	..	73	63	64	65	65		68.0
Mena	Maximum	90	86	86	90	89	90	90	90	90	95	93	82	87	88	90	90	93	93	93	84	87	90	90	85	88	83	78	86	89	87		88.4
	Minimum	70	68	67	70	69	67	63	65	63	69	68	69	69	68	66	69	68	67	68	64	50	57	66	60	72	71	66	65	70	66		66.6
Morrilton §§	Maximum	89	84	87	84	88	90	90	92	93	90	88	85	92	89	89	94	95	94	95	85	84	90	86	86	85	83	83	87	84	87		88.1
	Minimum	65	70	71	72	70	70	68	68	70	73	70	71	72	72	72	70	71	73	72	63	55	54	58	62	66	72	73	70	69	69		68.5
Mountain Home	Maximum	84	76	76	85	87	92	92	91	92	94	91	90	93	87	90	94	95	96	95	82	88	82	94	93	88	90	79	82	77	90		88.2
	Minimum	69	68	68	70	68	64	63	62	65	65	67	67	68	66	67	70	68	69	67	55	46	52	63	57	70	72	61	66	66	65		64.9
Mount Ida	Maximum	89	90	90	88	93	91	91	93	95	91	88	83	91	93	93	94	96	96	96	86	87	91	92	90	88	84	81	90	92	91		90.4
	Minimum	70	68	68	70	67	65	60	58	64	65	64	67	66	64	65	62	65	62	63	59	43	47	66	58	69	70	68	64	67	67		63.6
Newport	Maximum	89	87	92	81	88	90	93	93	94	94	91	93	94	95	92	95	98	100	96	86	89	89	96	93	85	85	81	86	81	91		90.6
	Minimum	71	70	72	72	70	68	65	68	71	71	72	71	74	71	72	71	71	73	74	61	51	55	61	59	70	73	69	68	58	70		68.2
Ozark§§	Maximum	85	72	81	90	91	91	90	92	92	92	90	83	90	86	91	92	95	95	95	91	87	90	95	91	85	85	82	90	88	80		88.6
	Minimum	69	71	67	70	70	69	66	65	66	69	70	70	72	70	69	65	68	70	68	56	52	52	62	61	66	73	72	70	70	70		67.0
Pine Bluff	Maximum	91	90	93	92	89	90	91	91	90	91	89	90	94	96	94	96	100	101	100	90	89	93	93	93	91	88	81	94	93	95		92.3
	Minimum	74	70	73	72	72	73	69	70	74	72	72	73	74	73	74	71	73	74	75	70	54	54	60	66	70	75	75	70	70	69		70.4
Pocahontas	Maximum	88	91	87	81	90	91	93	93	94	94	90	91	91	91	88	94	96	96	94	82	85	86	86	90	84	87	83	77	77	89		88.7
	Minimum	65	69	71	69	68	67	65	65	69	68	69	70	70	66	71	70	70	69	71	60	49	50	57	54	68	70	65	61	65	64		65.6
Portland	Maximum	94	94	94	93	93	88	91	94	90	97	93	96	92	93	96	96	97	97	98	87	86	90	91	95	93	93	90	95	89	93		92.9
	Minimum	72	72	72	73	72	70	68	69	74	68	70	72	72	69	68	67	70	70	70	72	50	48	50	66	71	72	72	70	68	65		68.1
Prescott	Maximum	92	92	95	95	95	93	93	95	95	94	87	87	94	94	96	96	95	99	99	92	91	93	93	92	91	90	88	93	93	91		93.2
	Minimum	72	72	70	71	70	71	65	67	73	70	69	73	70	70	70	69	69	70	69	72	51	52	59	65	71	73	73	67	70	67		68.3
Rison	Maximum	91	91	94	96	72	93	94	95	92	91	89	91	94	96	96	97	99	99	99	89	90	95	94	95	90	90	83	95	96	96		92.7
	Minimum	71	72	70	70	69	69	65	66	71	79	68	71	72	70	70	68	69	71	71	68	51	53	54	64	69	73	72	67	67	66		67.6
Searcy	Maximum	86	89	91	85	88	90	89	91	92	91	89	88	90	92	91	94	95	95	95	86	85	85	88	90	85	84	84	87	85	90		89.0
	Minimum	69	69	71	70	69	68	65	67	73	71	69	68	72	70	70	69	70	70	70	60	53	50	55	58	69	71	70	68	67	68		67.0
Stuttgart	Maximum	91	89	94	96	90	96	93	91	86	92	90	90	92	95	94	95	97	97	96	86	88	89	90	92	90	86	82	91	89	92		90.9
	Minimum	73	73	72	71	70	70	69	71	75	72	71	72	73	72	73	71	72	74	73	67	53	54	57	65	70	74	72	68	70	70		69.6
Texarkana	Maximum	90	91	92	95	94	94	94	94	95	91	85	89	91	97	96	97	100	99	101	94	91	92	95	91	90	89	81	92	94	91		93.0
	Minimum	69	70	70	70	69	70	69	68	65	67	65	64	65	68	69	70	68	70	68	67	49	57	58	69	69	68	70	68	70	66		66.8
Thornburg	Maximum	91	91	89	85	89	90	89	91	93	90	90	90	92	92	92	93	95	98	97	84	89	90	91	90	86	84	83	89	89	90		89.7
	Minimum	70	68	70	71	65	60	57	60	64	68	64	69	69	64	64	63	65	67	63	55	43	46	71	65	69	74	70	67	70	79		65.0
Warren	Maximum	90	92	92	95	90	89	89	90	88	51	87	90	91	93	95	96	95	95	96	92	84	87	88	84	89	88	89	90	89	91		90.4
	Minimum	73	73	72	74	71	72	69	61	75	72	72	73	75	72	74	72	72	74	73	70	53	53	55	62	68	75	59	70	69	68		69.4
Wilson	Maximum	91	89	96	82	87	88	90	91	92	92	90	90	91	93	92	95	95	97	94	88	84	89	90	93	90	89	83	89	81	90		89.8
	Minimum	65	70	76	69	69	65	63	66	71	70	72	70	72	69	70	70	70	69	72	58	48	52	58	59	58	71	68	63	65	67		66.0
Wynne	Maximum	90	91	92	85	87	85	90	91	89	88	90	90	93	93	92	94	95	94	94	82	85	89	90	92	87	86	84	86	80	91		89.2
	Minimum	64	70	68	67	69	65	61	65	71	69	68	69	68	69	70	71	69	68	69	57	47	52	57	60	68	72	68	64	65	67		65.6

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark.—10-26-33-1000

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

ol. XXXVIII Little Rock, Ark., October, 1933 No. 10

GENERAL SUMMARY

Temperatures during October, 1933, averaged slightly above ormal, while precipitation was generally deficient except in he northwestern portion. The coldest weather of the month ccurred either the 8th or 9th or on the 25th or 26th, a few tations reporting freezing temperatures on these dates, while he highest temperatures occurred generally either on the 1st, 1th, 20th, or 21st, or during the last three days of the month vhen departures were from 10° to 15° above normal. The verage temperature for the State, based on the reports of 62 tations, was 62.6° which is 0.1° above the mean for the past 3 years. Of the stations with records of 10 years or more, 27 ad positive departures, 25 negative, and one normal. The ighest temperature recorded was 90° at Center Point on the st and at two other stations on later dates; the lowest, 30° at Dutton on the 8th. The greatest daily range was 48° at Calico Rock on the 11th.

Scattered showers occurred during the first ten days of the month and more general rains from the 12th to the 16th and rom the 19th to the 23d and showers on either the 26th or 27th. The average precipitation for the State for the 88 stations reporting was 2.83 inches which is 0.32 inch below the mean for the past 43 years. Of the stations with records of 10 years or more, only 16 had positive departures. The northwestern portion of the State received the heaviest rainfall while the greatest deficiency was in eastern, north-central, and south-central sections, with monthly totals ranging from 0.58 inch at Higden to 7.73 inches at Dutton. The average number of days with 0.01 inch or more was 5 though a number of stations had only two or three rainy days. The greatest amount measured in any 24-hour period was 4.33 inches at Texarkana on the 16th.

The weather during October was very favorable for all outdoor activities and the growth of nearly all crops. Cotton picking progressed rapidly and was almost completed by the close of the month except in the northeastern portion. Light frost occurred at a number of stations and heavy frost and freezing temperatures in some sections but practically no damage was done to growing vegetation. Late corn, beans, tomatoes, and other truck crops grew under favorable conditions except in some sections where rainfall was lightest and the soil too dry. Rice harvest was completed and threshing well along by the close of the month and the yield was above the average. Streams in all sections were at low stages most of the month.

T.A.M.

Damage by Lightning

Lutherville, 26th, barn and contents destroyed, loss $1,000.

Corrections: September, 1933

Ozark, maximum temperature on 30th should be 92°, mean maximum 89.0°, mean temperature 78.0°, departure from the normal +2.2°. Thornburg, minimum temperature on 30th should be 78°.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog			1							3						1	3				2	2		2				10	2	2	1
Light Hail															1				1		1	3				2					
Moderate Hail																															
Heavy Hail																															
Thunderstorms	4	1				1	1			1	3	12		1	21	11		1	11	13	5	20	1			20	3				

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30.07	30.39	2	29.80	15	5.6	16	sw	10	....	....	....	75
Fort Smith	30.06	30.34	2	29.85	7	7.6	23	sw	15	84	58	62	72
Little Rock	30.08	30.34	2	29.78	7	7.3	21	s	15	81	53	58	73
Memphis	30.08	30.33	18	29.74	7	6.8	22	n	7	79	52	57	74

COMPARATIVE DATA FOR OCTOBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	− 2.1	92	27	0.65	−2.50	2.54	0.00	0.0	2	25	4	2
1892	63.8	+ 1.3	92	27	3.26	+0.11	9.07	0.27	0.0	6	16	7	8
1893	60.5	− 2.0	99	23	1.30	−1.85	3.43	0.25	0.0	3	24	4	3
1894	63.0	+ 0.5	96	24	1.52	−1.63	3.79	0.10	0.0	3	22	5	4
1895	57.1	− 5.4	95	21	1.44	−1.71	2.91	0.37	0.0	4	19	6	6
1896	60.8	− 1.7	98	25	3.59	+0.44	7.01	1.50	0.0	6	18	5	8
1897	67.6	+ 5.1	99	28	2.01	−1.14	5.36	0.29	0.0	3	21	6	4
1898	60.0	− 2.5	100	23	5.44	+2.29	11.18	2.82	T.	8	16	7	8
1899	65.6	+ 3.1	101	28	2.88	−0.27	6.52	0.76	0.0	5	19	7	5
1900	66.0	+ 3.5	97	32	4.31	+1.16	8.43	1.19	0.0	6	14	10	7
1901	63.7	+ 1.2	95	27	2.07	−1.08	5.03	0.53	0.0	4	18	9	4
1902	62.5	0.0	90	27	2.68	−0.47	7.10	0.88	0.0	4	18	9	4
1903	60.9	− 1.6	97	26	2.22	−0.93	4.87	0.24	0.0	4	17	8	6
1904	62.5	0.0	100	20	0.94	−2.21	3.32	T.	0.0	2	23	5	3
1905	61.1	− 1.4	92	23	4.49	+1.34	8.31	1.57	0.0	7	15	11	5
1906	58.2	− 4.3	94	25	2.38	−0.77	4.08	0.28	0.0	6	18	5	8
1907	61.9	− 0.6	96	23	3.08	−0.12	10.85	1.26	0.0	6	16	7	8
1908	59.2	− 3.3	93	24	0.48	−2.67	2.12	0.00	0.0	2	21	6	4
1909	63.0	+ 0.5	98	24	2.15	−1.00	4.84	0.00	0.0	3	21	6	4
1910	62.9	+ 0.4	96	16	5.19	+2.04	16.01	1.27	T.	6	21	5	5
1911	62.7	+ 0.2	101	25	1.67	−1.48	4.18	0.41	T.	5	14	9	8
1912	63.8	+ 1.3	96	22	2.97	−0.18	6.55	0.51	0.0	4	18	8	5
1913	60.1	− 2.4	95	18	5.41	+2.26	9.31	2.28	0.6	9	13	9	9
1914	63.0	+ 0.5	93	21	1.74	−1.41	5.35	0.00	0.0	5	13	8	10
1915	63.4	+ 0.9	94	26	2.83	−0.32	6.79	0.10	0.0	4	22	4	5
1916	62.8	+ 0.3	96	21	2.30	−0.85	5.06	0.57	0.0	4	21	4	6
1917	56.6	− 5.9	99	12	1.89	−1.26	4.12	0.20	T.	5	21	5	5
1918	65.6	+ 3.1	100	30	3.99	+0.84	8.58	1.10	0.0	8	13	5	13
1919	66.6	+ 4.1	98	33	10.90	+7.75	18.28	6.31	0.0	14	6	5	20
1920	64.2	+ 1.7	93	25	4.39	+1.24	8.18	1.66	0.0	7	16	6	9
1921	61.6	− 0.9	96	27	0.72	−2.43	1.47	T	0.0	3	23	4	4
1922	63.1	+ 0.6	98	20	1.47	−1.68	4.35	0.15	0.0	4	18	6	7
1923	59.2	− 3.3	94	20	3.53	+0.38	7.34	0.90	0.0	7	12	9	10
1924	64.9	+ 2.4	96	21	0.29	−2.86	2.13	0.00	0.0	1	24	4	3
1925	58.7	− 3.8	98	13	7.73	+4.58	13.89	3.57	0.1	10	12	5	14
1926	64.9	+ 2.4	99	23	5.77	+2.62	12.08	2.49	0.0	8	15	5	11
1927	66.0	+ 3.5	100	30	3.13	−0.02	8.25	0.82	0.0	5	22	4	5
1928	66.3	+ 3.8	100	27	4.74	+1.59	11.58	1.33	0.0	8	16	7	8
1929	62.2	− 0.3	93	19	4.29	+1.14	9.33	1.11	0.0	7	15	7	9
1930	60.1	− 2.4	92	17	4.89	+1.74	8.45	1.49	0.0	6	17	5	9
1931	67.1	+ 4.6	98	26	2.35	−0.80	10.22	0.65	0.0	4	17	7	7
1932	60.8	− 1.7	94	26	3.41	+0.26	6.12	0.91	0.0	6	19	4	8
1933	62.6	+ 0.1	90	30	2.83	−0.32	7.73	0.58	0.0	5	19	7	5
Period	62.5	.. ...	101	12	3.15	......	18.28	0.00	T.	5	18	6	7

Daily River Stages for October, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Fort Smith	Arkansas	22	6.3	8.3	7.9	7.4	7.0	6.4	6.1	6.0	5.8	5.3	5.0	4.8	4.8	5.8	6.4	6.8
Ozark	do	22	1.8	2.4	4.2	3.9	3.3	3.1	2.5	2.3	2.0	1.7	1.4	1.3	1.2	1.2	1.0	2.7
Dardanelle	do	22	5.0	5.2	5.7	7.1	6.6	6.3	6.0	5.6	5.5	5.2	5.0	4.9	4.7	4.6	4.6	5.3
Morrilton	do	20	0.2	0.2	0.7	2.2	3.0	2.4	2.0	1.5	1.0	0.8	0.5	0.3	0.0	-0.2	-0.3	-0.1
Little Rock	do	23	1.0	0.7	0.7	1.0	2.3	3.0	2.6	2.1	1.8	1.3	1.1	0.9	0.7	0.5	0.3	0.3
Pine Bluff	do	25	6.4	6.1	5.5	5.7	5.7	7.0	7.6	7.3	7.0	6.6	6.1	5.9	5.7	5.4	5.2	5.0
Danville	Petit Jean	20	1.7	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.3

Stations	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	7.0	7.1	7.7	7.4	7.0	8.0	9.7	9.3	10.3	9.9	8.4	7.5	7.3	7.2	6.6
Ozark	2.9	3.2	3.3	3.7	3.7	4.3	6.0	6.7	5.9	7.3	6.0	4.5	3.6	3.4	3.3
Dardanelle	5.7	5.9	6.1	6.2	6.9	6.7	8.0	8.9	8.9	8.5	9.1	8.0	6.1	5.5	5.4
Morrilton	1.1	1.4	1.8	1.9	2.6	3.0	5.5	6.0	6.2	5.4	6.1	6.5	4.2	3.1	2.4
Little Rock	0.3	1.0	1.6	2.0	2.1	2.6	3.0	5.3	5.8	5.9	5.3	5.9	5.1	4.1	3.1
Pine Bluff	4.9	4.9	5.8	6.4	6.7	6.9	7.3	7.8	9.8	10.2	10.1	9.8	9.8	9.4	8.4
Danville	1.3	2.1	2.2	2.2	2.1	4.6	7.0	9.2	5.9	3.5	2.6	2.5	2.3	2.1	1.9

Climatological Data for October, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	63.5	+ 0.3	85	6†	39	9†	41	2.74	-0.52	2.00	0.0	2	17	13	1	ne.	J. W. Campbell
Arkadelphia	Clark	250	38	...	...	...	...	...	...	...	0.99	-2.13	0.56	0.0	4	16	8	7	ne.	W. K. Bown
Arkansas City	Desha	145	49	...	...	...	...	...	...	...	1.33	-1.04	0.95	0.0	3	20	3	8	...	Herbert Neff
Arlberg	Stone	700	11	...	...	...	...	...	...	...	4.00	-0.56	1.98	0.0	6	16	12	3	ne.	J. D. Reeves
Batesville	Independence	277	34	53.8	- 1.8	87	15	33	26	44	2.59	-0.67	0.91	0.0	7	21	3	7	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	62.5	+ 0.2	86	11	37	26	39	2.76	-0.59	1.17	0.0	6	19	8	4	s	J. E. Scanlan
Bentonville	Benton	1303	28	58.4	- 0.5	80	6	37	8	32	5.33	+1.83	2.45	0.0	8	14	8	9	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	...	3	...	...	...	...	...	...	...	2.56	...	1.27	0.0	3	22	1	8	...	C. J. Brooks
Black Rock	Lawrence	259	32	...	...	...	...	...	...	...	4.12	+0.78	1.35	0.0	7	18	1	12	n	Vernon C. Howe
Blytheville	Mississippi	252	8	61.2	...	84	21	37	26	36	3.08	...	1.83	0.0	6	23	3	5	sw.	Samuel Norris
Booneville	Logan	465	19	65.0	+ 1.6	90	2†	34	9	44	2.12	-1.35	0.80	0.0	7	15	9	7	e.	F. H. Randolph
Brinkley	Monroe	205	46	63.6a	+ 1.2	86a	11	32a	26	41a	1.82	-1.28	1.22	0.0	3	21	5	5	ne.	R. J. Torry
Calico Rock	Izard	361	29	59.0	- 4.9	88	11	36	25†	48	2.65	-0.52	0.65	0.0	7	17	7	7	se.	E. R. Wiseman
Camden	Ouachita	158	48	64.4	+ 4.6	85	5†	37	9†	43	2.28	-0.62	1.45	0.0	3	12	10	9	nw.	J. M. Knight
Carthage	Dallas	...	28	62.0	...	86	11	35	9†	47	2.30	-0.84	1.70	0.0	2	23	7	1	n.	P. K. Wylie
Center Point	Howard	470	34	66.5	+ 1.2	90	1	38	9	40	3.89	+0.63	2.52	0.0	3	21	9	1	ne.	John C. Floyd
Clarendon	Monroe	172	29	...	...	...	...	...	...	...	1.48	-1.89	1.26	0.0	4	13	6	12	n.	J. W. Bishop
Clinton	Van Buren	516	12	...	...	...	...	...	...	...	1.74	-2.74	0.82	0.0	5	22	5	4	nw.	A. L. Stephens
Conway	Faulkner	309	50	64.2	+ 1.0	89	11	37	26	42	3.28	+0.41	1.37	0.0	7	25	8	3	n.	E. E. Cordrey
Corning	Clay	293	40	60.4	+ 0.7	89	11	33	26	43	3.78	+0.42	1.70	0.0	7	22	4	5	w.	Winfred D. Polk
Cotter	Baxter	408	6	...	...	...	...	...	...	...	3.09	...	0.78	0.0	6	20	6	5	nw.	O. B. McSpadden
Crosset	Ashley	175	21	66.4	...	88	15	37	26	40	2.55	-1.69	1.50	0.0	3	17	4	10	ne.	G. A. Gifford
Danville	Yell	327	17	...	...	...	...	...	...	...	3.00	-1.43	0.95	0.0	6	20	7	4	e.	J. M. Patterson
Dardanelle	Yell	330	47	63.4	+ 0.2	86	1	39	9†	42	1.79	-1.22	0.79	0.0	6	10	16	5	n.	Geo. N. Goodier
Dumas	Desha	162	28	64.6	- 0.2	89	21	35	26	43	1.88	-1.55	0.73	0.0	4	16	7	8	n.	Ben Johnson
Dutton	Madison	1590	30	55.8	- 0.6	76	30	30	8	41	7.73	+3.92	2.05	0.0	6	17	8	6	n.	J. M. Ricketts
El Dorado	Union	270	33	68.0	+ 2.6	85	11†	40	26	38	2.86	-0.38	2.40	0.0	5	15	10	6	ne.	J. J. Babb
England	Lonoke	229	26	64.0	+ 0.2	86	11†	36	26	39	2.05	-0.22	0.86	0.0	4	21	5	5	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	60.1	- 0.4	83	30	36	8†	32	3.91	+0.44	1.14	0.0	9	20	5	6	se.	Geo. W. Nicholds
Fayetteville	Washington	1451	46	60.3	- 0.5	84	1	35	8	33	5.92	+2.56	2.54	0.0	7	20	5	6	ne	University of Arkansas
Fort Smith	Sebastian	457	52	63.8	+ 1.0	84	6	42	9	36	2.35	-0.64	1.07	0.0	9	16	9	6	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	9	...	...	...	...	...	...	...	5.44	...	1.29	0.0	8	20	6	5	s.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	...	...	...	...	...	...	...	2.05	-0.55	1.50	0.0	3	16	7	8	...	T. J. Logan
Georgetown	White	200	21	...	...	...	...	...	...	...	1.14	-2.60	0.55	0.0	3	20	1	10	...	Mrs. W. R. Owens
Gilbert	Searcy	675	9	...	...	...	...	...	...	...	4.71	...	1.50	0.0	7	20	5	6	...	S. G. Battenfield
Grannis	Polk	900	14	64.0	+ 1.8	85	1	35	9	42	3.04	-2.18	0.78	0.0	7	20	10	1	ne.	W. E. McVay
Gravette	Benton	1250	36	59.0	- 0.5	79	1†	33	9	34	6.89	+3.38	2.93	0.0	6	17	4	10	ne.	A. F. Stevens
Harrison	Boone	1052	33	58.6	- 0.6	83	11	35	25	37	4.04	+0.88	1.58	0.0	6	21	5	5	sw.	Louis R. Keck
Helena	Phillips	250	61	63.5	+ 0.2	85	21†	35	26	35	0.93	-1.83	0.67	0.0	4	15	13	3	ne.	James A. Burnett
Higden	Cleburne	445	14	...	...	...	...	...	...	...	0.58	-3.96	0.43	0.0	3	24	6	1	n.	Trumon Brown
Highland	Pike	...	14	66.8	...	87	6	40	26	33	2.27	-1.83	1.75	0.0	2	12c	15	1	s.	J. O. Cooley
Hope	Hempstead	377	63	64.4c	- 1.4	86c	20	35c	9	45c	1.42	-1.96	0.60	0.0	3	20c	3c	5c	n.	N. P. O'Neal
Hot Springs	Garland	600	42	65.4	+ 1.4	88	1	42	26	36	2.46	-0.82	1.00	0.0	4	14	14	3	...	National Park Service
Index	Little River	275	8	...	...	...	...	...	...	...	2.38	...	2.00	0.0	3	19	0	12	...	H. C. Sanderson
Jessieville	Garland	750	7	...	...	...	...	...	...	...	1.73	...	0.85	0.0	5	13	15	3	...	U. S. Forest Service
Jonesboro	Craighead	345	38	62.2	- 0.2	85	31	35	26	38	1.48	-1.88	1.03	0.0	7	26	4	1	ne.	Benedictine Sisters
Lead Hill	Boone	650	27	60.2	- 0.4	85	11	34	25	45	3.83	+0.42	1.34	0.0	7	23	3	5	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	63.4	- 0.2	82	11	42	26	29	1.61	-1.10	0.90	0.0	7	15	12	4	e.	U. S. Weather Bureau
Lurton	Newton	2100	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Miss Mary Sutton
Lutherville‡‡	Johnson	775	34	62.8	+ 0.8	84	5†	39	8†	38	6.64	+2.68	3.26	0.0	7	19	1	11	se.	H. O. Lennardt
Madison	St. Francis	...	3	...	...	...	...	...	...	...	1.83	...	1.58	0.0	3	19	0	12	...	J. W. Eppes
Magnolia	Columbia	315	17	67.2a	+ 1.0	87a	1	36a	9	41a	3.18	-0.37	2.20	0.0	3	8a	19a	3a	ne.	State Agri. School
Malvern	Hot Springs	277	47	64.8	+ 1.7	87	11	36	9†	43	1.38	-1.56	0.80	0.0	4	26	3	2	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	29	59.0	+ 0.1	82	31	34	26	34	2.87	-0.46	1.18	0.0	7	19	8	4	nw.	S. F. Whittaker
Marianna	Lee	235	21	63.2	- 0.1	87	1	34	26	36	1.49	-2.08	1.25	0.0	4	15	14	2	ne.	C. N. Houck
Marked Tree	Poinsett	229	28	60.2	- 0.8	85	31	33	26†	43	1.79	-2.49	1.33	0.0	3	19	11	1	s.	Charles Walton
Marshall	Searcy	1070	19	58.0	- 3.8	84	1	33	25	39	2.54	-1.75	0.96	0.0	6	20	6	5	s.	A. J. Parks
Mena	Polk	1185	45	62.8	0.0	82	5†	38	26	37	2.60	-1.07	0.87	0.0	6	21	5	5	n.	E. W. St John
Morrilton	Conway	347	14	60.8	...	83	11	39	26	41	2.52	-1.62	0.86	0.0	6	18	5	8	n.	Miss Ruby Cook
Mountain Home	Baxter	800	21	59.8	- 0.4	87	11	84	25	43	2.83	-1.54	0.85	0.0	6	19	3	9	w.	B. S. Halbert
Mount Ida	Montgomery	650	34	61.6	+ 0.2	87	6	31	9	47	3.11	-0.78	1.75	0.0	3	18	7	6	e.	G. A. Whittington
Newport	Jackson	231	50	61.6	- 0.3	85	31	35	26	34	1.69	-1.19	0.81	0.0	4	19	8	4	s.	J. D. Henderson
Norman	Montgomery	750	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	U. S. Forest Service
Oden	Montgomery	800	7	...	...	...	...	...	...	...	2.91	...	1.75	0.0	4	17	9	5	se.	U. S. Forest Service
Okay	Howard	288	4	65.6	...	89	3	32	9	46	2.04	...	1.07	0.0	5	20	10	1	s.	Charles R. Jackson
Osceola	Mississippi	240	37	63.4a	+ 1.4	87	31	35a	26	38a	1.86	-0.94	1.50	0.0	3	19	6	6	n	Mrs. Ruth H. Douglas
Ozark	Franklin	396	38	61.8	- 1.6	84	5†	38	8†	42	6.33	+3.11	2.10	0.0	8	19	0	12	e.	Orkney O. Milton
Paragould	Greene	301	10	...	...	...	...	...	...	...	2.19	...	1.12	0.0	6	22	6	3	ne.	W. R. Heagler
Parkin	Cross	...	2	...	...	...	...	...	...	...	3.30	...	2.85	0.0	3	18	3	10	...	Carroll King
Patterson	Woodruff	196	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	W. E. Baker
Piggott	Clay	307	9	...	...	...	...	...	...	...	3.16	...	1.20	0.0	6	22	4	5	sw.	V. C. Wright
Pine Bluff	Jefferson	215	46	66.0b	+ 1.8	87b	11†	42b	26	38b	1.71	-1.20	0.95	0.0	3	13a	12a	5a	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	60.3	- 1.3	84	1	34	26	38	3.93	+0.62	1.35	0.0	5	20	6	5	ne.	Benedictine Sisters
Portland	Ashley	122	27	65.4	+ 0.8	90	21	34	26	39	0.73	-2.17	0.38	0.0	2	16	6	9	n.	W. E. Edmiston
Prescott	Nevada	329	45	66.4	+ 1.8	86	1†	38	26	41	1.35	-1.31	0.97	0.0	3	15	11	5	e..	Craig Williams
Rison	Cleveland	243	33	66.0a	- 1.8	89a	1	36a	26	43a	1.94	-1.23	1.54	0.0	5	23a	4a	3a	n.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	42	60.2	+ 0.6	81	30†	34	8	37	5.60	+2.50	2.10	0.0	7	16	10	5	s	Carl A. Starck
St. Charles	Arkansas	175	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
St. Francis	Clay	290	6	...	...	...	...	...	...	...	3.02	...	1.09	0.0	6	22	3	6	...	S. T. Rooney
Searcy	White	236	23	61.3	- 1.0	83	11†	35	26	38	1.58	-1.33	0.71	0.0	5	17	7	7	ne.	Arthur D. Smith
Story	Montgomery	700	9	...	...	...	...	...	...	...	2.28	...	0.96	0.0	5	22	6	3	ne.	S. C. Story
Stuttgart	Arkansas	209	46	64.2	+ 1.1	85	11†	36	26	44	1.06	-2.14	0.91	0.0	3	22	5	4	ne.	Mrs. Kress Swim
Subiaco	Logan	1050	36	63.3	- 0.5	85	11	39	10	44	3.39	0.00	1.15	0.0	7	24	3	4	ne.	New Subiaco Abbey
Sunset	Washington	...	2	60.0	...	80	6	35	8†	26	6.20	...	1.81	0.0	7	20	9	2	sw.	Walter James
Texarkana	Miller	332	48	61.4	- 1.4	88	1	37	9†	40	5.17	+2.04	4.33	0.0	4	18	7	6	n.	H. S. Brashear
Thornburg	Perry	650	13	60.6	...	86	11	33	10†	46	2.89	-1.09	1.12	0.0	6	20	6	5	n.	Edward E. Holmes
Waldron	Scott	675	14	...	...	...	...	...	...	...	4.05	-0.19	1.81	0.0	4	13	10	8	w.	Dr. Cheves Bevill
Warren	Bradley	206	39	65.9	+ 1.9	85	1	38	26	33	1.62	-1.99	1.30	0.0	4	22	6	3	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	...	...	...	...	...	...	...	4.12	...	2.65	0.0	3	17	7	7	w.	J. R. Huddleston
Wilson	Mississippi	237	8	61.4b	...	89a	1†	36b	24†	39c	2.38	...	1.70	0.0	4	25	4	2	s.	D. O. Anderson
Wynne	Cross	250	25	61.7	- 1.1	84	11†	31	26	38	1.14	-2.86	1.02	0.0	2	20	5	6	n	R. T. Cobbs
Yancopin	Desha	167	9	...	...	...	...	...	...	...	0.99	...	0.71	0.0	5	19	5	7	...	W. E. Barton
State Means				62.6	+0.1	90	1†	30	8	48	2.83	-0.32	4.33	0.0	5	19	7	5	ne.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville Route 1, Lamar; Springbank, Doddridge Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for October, 1933

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita												.74				2.00																2.74
kadelphia	Ouachita												.33	T.		.04	.56							.06				T.					0.99
kansas City	Mississippi		.17			.21							T.				.95							T.				T.					1.33
lberg	White										.40	.51					.50		.24				1.98				.37						4.00
tesville	White	.06											.15	.02			.91						.27	.85				.33					2.59
e Branch	Arkansas												.22			.84				.11			1.17				.32	.10					2.76
ntonville ***	Arkansas											.67	.04		.12	.81	T.			T.	.34	1.45	1.00				.90						5.33
g Lake Outlet	St. Francis	1.05											T.	T			1.27	T.					T.	.24				T.					2.56
ack Rock	White												.73	.25			1.03				.13		1.35	.53				.10					4.12
ytheville	St. Francis	.52											.02	.08			1.83							.58				.05					3.08
oneville	Arkansas											.02	.35		.08	.56	.26				.05		.80				T.						2.12
inkley	White																1.22							.48				.12					1.82
lico Rock	White	.07	T.	T.		T.	T.						.60	T		.18	.60	T.	T.			T.	.40	.65	T.			.15	T.		T.		2.65
mden	Ouachita												.10				1.48							.70									2.28
rthage	Ouachita												.60				1.70																2.30
nter Point	Red												.42			2.52	.95										T.						3.89
rendon	White												.05				1.26							.14				.03					1.48
nton	White												.20			.82				.02			.22				.48						1.74
nway	Arkansas	.42											.15			.82	.08			T.			1.37				.35	.09					3.28
rning	White	.15											.30	.15			1.33			.10			1.70					.05					3.78
tter	White												.78			.13	.70					.60	.63	.25									3.09
ossett	Ouachita		.02		T									T.			1.50					T		1.03				T.					2.55
nville	Arkansas												.60			.15	.90					.05	.95	.35									3.00
r Lanelle	Arkansas												.37			.16	.79				T.	.02	T	.41				.04					1.79
mas	Mississippi	T.											T.			.73	.70						.20	.25				T					1.88
tton	White					T.						1.59			1.05	.60				2.04			2.05				.40						7.73
l Dorado	Ouachita		.03										.05	.17			2.40							.21									2.86
gland	Arkansas												.14			.30	.75						.86				T.						2.05
reka Springs	White	.04										.04	.90			.44	.63			.20	.25		1.14				.30						3.94
yetteville	White											T.	1.29			.84	.09			.03	.28		2.54				.85						5.92
rt Smith ***	Arkansas											.50	.02	T.	.01	.45	.01			.10	1.07		.18	T.			.01						2.35
eeman Sprgs.	Arkansas												.67			.18	1.12				.57	1.29	1.15	.18				.28					5.44
lton	Red		.05										.50	T			1.50											T					2.05
orgetown	White												T.				.55						T.	.48				.11					1.14
lbert	White						.67						.90			.17	.10			.37			1.50					1.00					4.71
annis	Red											.70	.13			.45	.50			.78	.46	T.	.02										3.04
ayette	Arkansas											T.	.36		T.	.28	.95			T.	1.57		2.93				.80						6.89
rrison	White												1.58			.84	.20				.35		.80				.27						4.04
lena	Mississippi													.03			.67							.20				.03					0.93
gden	White																			.05			.43				.10						0.58
ghland	Ouachita									.52						1.75																	2.27
pe	Red												.40			.42	.60																1.42
t Springs	Ouachita	T.											.52			1.00	.37			T			.57										2.46
dex	Red												.32	.06			2.00																2.38
ssieville	Ouachita												.40			*	.85				.15			.33									1.73
nesboro	White	.02											.04	.08			1.03	.09					T.	.10	T.			.12					1.48
ad Hill	White												.61			.85	.52			.04	.21		1.34				.26						3.83
ttle Rock ***	Arkansas	T.										.09	.11			.33	.12			.04			.90				.02						1.61
ron	White																																..
therville	Arkansas												.47			1.15				.35	1.09		3.26				.23	.09					6.64
dison	St. Francis																1.58							.20				.05					1.83
gnolia	Red												.40			.58	2.20																3.18
lvern	Ouachita												.35			.08	.80							.15									1.38
mmoth Spg.	White	.28											.12				1.18				.10		.65	.35				.19					2.87
rianna	St. Francis												.02			1.25							.13					.09					1.49
rked Tree	St. Francis												T.				1.33							.28				.18					1.79
rshall	White												.70			.50	.06				.12		.96				.20						2.54
ena	Ouachita												.87	T.		.24	.47			.24	.65		T.	.13				T.					2.60
rrilton	Arkansas	.20											.26			.22	.84							.86				.14					2.52
ountain Home	White												.58			.70	.20				.30		.85				.20						2.83
ount Ida	Ouachita												.65			1.75				.71													3.11
wport	White												.05				.81							.56				.27					1.69
rman	Ouachita																																....
den	Ouachita												.54				1.75				.61			.01									2.91
kay	Red												.44	.03		.44	1.07						T.					.06					2.04
ceola	Mississippi	.10												T.			1.50											.26					1.86
ark	Arkansas												.86			.20	.91				.09	1.20	2.10	.47				.50					6.33
ragould	St. Francis												.41	.31			1.12	.03					.04	.28									2.19
rkin	St. Francis																2.85							.35				.10					3.30
tterson	White																																....
ggott	St. Francis	.51											.63				.75			.04			1.20					.03					3.16
ne Bluff	Arkansas												.28				.95							.48				T.					1.71
cahontas	White												.76			.95	.75						1.35				.12						3.93
rtland	Ouachita		.38														.35																0.73
escott	Ouachita												.33				.97											.05					1.35
son	Ouachita												.13			*	1.54						*	.27									1.94
gers (near)	White												1.12			.54	.34			.38	.29		2.10				.83						5.60
. Charles	White																																...
. Francis	St. Francis	T.											T.	.68			.69	.32			.12		T.	1.09	T			.12					3.02
arcy	White	.19											.05				.39							.71				.24					1.58
ory	Ouachita												.70			.96	.40			.16				.06									2.28
uttgart	Arkansas												.05				.91							.10				T.					1.06
biaco	Arkansas											T	.27			.88	.09			.03	.89		1.15				.08	T.					3.39
nset	Arkansas						.30						1.14			1.20	.70				.73		1.81				.32						6.20
xarkana	Red		.16										.55	.13			4.33																5.17
ornburg	Arkansas												.56			1.08	.02			.08		1.12					.03						2.89
aldron	Arkansas												1.05			.32	.87				1.81		T.				T.						4.05
arren	Ouachita		T.										.10	T.			1.30							.20				.02					1.62
aters	Ouachita												.86				2.65			.61													4.12
ilson	Mississippi	.38												.10			1.70											.20					2.38
ynne	St. Francis																1.02							.12									1.14
ncopin	Arkansas												.07				.71							.05	T.			.04				.12	0.99

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
otter	White	21	3.2	4.9	4.9	4.9	4.4	3.8	3.6	3.6	3.6	3.2	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.4	3.4	3.4	3.5	3.6	3.8	4.8	4.8	9.4	7.5	6.1	5.1	4.9	4.9
lico Rock	do	18	2.7	3.5	3.1	3.3	2.0	1.5	1.4	1.2	1.3	0.6	0.3	0.2	0.4	0.5	0.2	1.1	0.8	0.6	0.4	1.4	1.2	2.0	2.8	3.3	3.9	7.5	5.6	4.3	3.6	3.5	3.6
tesville	do	23	7.6	8.1	8.4	8.3	8.2	6.9	6.5	6.0	5.9	5.8	5.3	5.0	4.8	4.8	5.0	5.1	5.7	5.5	5.3	6.0	6.0	6.0	7.4	8.4	8.6	10.3	12.6	10.3	9.0	8.5	8.5
ewport	do	26	6.9	6.1	5.5	4.8	4.7	4.2	3.4	3.0	2.6	2.4	2.1	1.9	1.7	1.6	1.6	1.6	1.8	2.0	1.9	1.9	2.2	2.0	3.1	4.3	5.0	5.0	8.0	8.2	6.6	5.4	4.8
eorgetown	do	22	4.7	6.8	7.6	7.5	7.0	6.6	6.2	5.6	4.7	4.0	3.6	3.2	2.8	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.5	2.8	4.0	5.0	5.6	7.4	8.8	8.5	7.7
arendon	do	30	10.7	11.1	12.4	13.5	14.0	14.0	13.8	13.5	13.0	12.4	11.8	11.2	10.7	10.3	9.9	9.7	9.4	9.2	9.1	9.0	9.1	9.1	9.2	9.3	9.5	10.1	10.9	11.7	12.7	13.9	14.5
ack Rock	Black	14	3.0	3.0	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.1	1.9	1.8	1.8	1.8	2.3	2.3	2.1	1.9	1.9	1.8	2.5	4.0	3.7	3.2	2.8	2.7	2.5	2.5	2.5	2.4
rkadelphia	Ouachita	12	-0.4	-0.2	-1.2	-1.0	-1.0	-0.8	-0.8	-1.0	-1.0	-1.0	-1.0	-0.8	-0.8	-0.8	-0.8	-1.0	0.6	0.4	-0.2	0.4	-0.2	0.4	-0.4	-0.2	0.0	-0.4	-0.4	-0.6	0.0	-0.6	0.6
mden	Ouachita	26	4.2	4.4	4.3	4.4	4.2	4.2	4.2	4.4	4.5	4.2	4.1	4.1	4.8	4.2	4.2	4.4	4.3	4.2	5.5	6.8	5.8	5.4	5.4	5.4	5.0	5.1	5.0	4.6	4.6	4.5	4.7
lton	Red	28	11.1	9.7	8.5	8.0	7.9	7.7	7.3	6.9	6.7	6.5	6.3	6.2	6.1	6.0	6.0	6.6	9.2	10.3	10.9	10.4	9.6	8.8	8.3	7.7	7.5	7.5	7.3	7.2	8.0	8.2	7.9
elena	Mississippi	44	8.0	8.8	9.0	8.9	8.5	8.0	7.6	7.6	7.9	7.9	7.3	6.6	6.1	5.6	5.1	5.0	4.8	4.5	4.2	4.2	4.1	4.2	3.7	3.2	2.7	3.0	4.2	5.2	5.7	5.7	5.1
rkansas City	do	48	7.7	7.8	8.3	8.8	8.9	8.8	8.5	8.2	8.2	8.3	8.3	8.0	7.3	6.6	6.0	5.5	5.0	4.7	4.4	4.0	3.8	3.9	4.0	3.9	3.6	3.4	3.8	4.9	5.9	6.6	7.1

Daily temperatures for October, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	78	77	76	79	82	85	84	68	74	81	83	81	69	81	79	79	78	73	78	85	82	71	70	78	64	67	71	68	85	83	85	77.2
	Minimum	68	57	52	50	50	50	51	43	39	40	42	51	58	51	52	59	48	48	47	50	59	62	52	46	42	39	39	47	49	51	51	49.8
Batesville §§	Maximum	75	72	75	77	80	82	76	65	69	76	83	73	70	77	87	74	71	67	73	79	80	54	67	75	59	64	64	69	82	81	83	73.5
	Minimum	66	46	41	44	45	45	43	40	37	37	39	46	43	43	48	56	39	44	39	39	51	52	49	43	38	33	38	39	45	50	49	44.1
Bee Branch	Maximum	84	72	73	76	82	83	80	73	74	78	86	79	70	78	78	77	74	70	73	78	79	77	64	77	73	63	69	64	78	80	81	75.6
	Minimum	66	43	49	49	51	48	47	40	39	41	47	62	50	47	60	60	40	49	42	54	58	52	48	48	39	37	49	44	49	56	56	49.4
Bentonville ***	Maximum	72	70	72	73	77	80	69	58	66	74	78	65	67	76	75	65	70	66	75	69	77	55	65	68	58	49	66	69	76	79	79	69.6
	Minimum	50	44	45	45	46	49	46	37	40	42	58	52	48	48	60	43	39	41	53	59	55	48	47	45	38	41	40	45	49	56	58	47.3
Blytheville	Maximum	74	72	75	76	74	73	75	64	68	75	81	68	68	75	77	75	69	62	78	82	84	71	65	71	62	65	57	72	82	82	83	72.7
	Minimum	64	50	48	52	50	44	49	42	44	44	52	54	45	50	55	64	44	45	42	54	62	49	50	45	39	37	53	46	56	55	57	49.7
Booneville	Maximum	89	90	86	86	90	90	80	70	68	75	85	75	75	80	79	85	74	70	75	85	83	81	63	83	73	65	65	64	83	82	81	78.5
	Minimum	63	71	55	52	54	47	45	38	34	37	41	61	58	44	62	60	42	40	51	60	63	61	52	53	44	42	45	48	57	56	60	51.5
Brinkley	Maximum	82	75	77	79	83	81	79	69	72	80	86	77	74	84	83	81	..	79	80	84	85	74	68	75	65	66	64	75	84	83	83	77.6
	Minimum	70	53	48	55	47	45	47	47	40	39	47	61	47	45	58	61	..	44	39	54	59	55	50	45	39	32	48	47	53	55	54	49.5
Calico Rock§§	Maximum	72	72	73	77	80	83	70	65	70	78	88	69	71	78	75	71	74	65	79	72	80	55	66	75	58	62	66	65	80	82	83	72.7
	Minimum	64	45	43	43	46	48	43	41	39	37	40	50	47	85	48	59	42	39	42	51	53	51	48	46	36	36	39	40	45	46	50	45.2
Camden§§	Maximum	84	79	78	81	85	84	84	77	75	80	85	82	73	85	78	81	79	73	82	84	84	79	70	76	67	69	71	75	82	83	82	78.9
	Minimum	66	59	49	53	47	47	53	44	37	33	42	49	54	50	53	62	50	51	46	52	58	61	52	46	46	37	39	44	50	54	55	49.8
Carthage §§	Maximum	80	77	78	79	84	83	82	68	73	81	86	81	70	82	78	82	76	70	80	83	84	79	64	75	60	66	68	70	81	82	81	76.9
	Minimum	65	57	45	46	49	48	48	36	35	37	39	52	56	48	49	53	46	50	43	45	53	54	50	45	44	35	37	43	49	51	53	47.1
Center Point	Maximum	90	82	80	80	86	85	83	70	75	81	82	82	76	81	77	78	80	73	80	85	82	75	73	83	77	70	76	70	83	83	81	79.3
	Minimum	72	58	51	52	48	54	49	41	38	41	50	62	58	55	61	62	58	54	53	63	64	65	54	48	48	40	48	48	55	60	59	53.7
Conway	Maximum	84	77	78	82	85	84	81	70	75	82	89	81	74	82	85	81	76	72	76	85	83	75	69	78	68	68	69	66	85	85	85	78.4
	Minimum	65	53	47	48	50	50	48	41	41	40	49	62	54	48	61	60	43	47	42	56	60	54	50	49	41	37	51	45	47	56	55	50.0
Corning	Maximum	79	73	75	79	73	77	74	66	75	82	89	81	80	75	76	74	70	67	66	78	82	74	66	74	67	65	56	71	81	82	83	74.5
	Minimum	63	46	43	45	46	40	46	39	43	39	53	61	43	41	52	57	40	40	40	52	61	47	45	42	40	33	48	38	48	51	53	46.3
Crossett §§	Maximum	85	77	81	80	83	82	79	69	74	80	84	84	77	85	88	84	82	75	85	85	85	76	63	75	63	68	73	82	85	86	83	79.2
	Minimum	73	60	52	58	51	51	56	49	40	40	50	56	57	54	64	63	55	58	50	55	60	60	53	51	46	37	45	45	55	60	62	53.7
Dardanelle	Maximum	86	76	77	80	82	84	78	68	72	81	84	79	70	79	76	78	69	69	76	79	82	75	65	78	63	61	68	58	80	80	81	75.6
	Minimum	70	55	48	46	47	50	47	40	39	39	51	62	57	56	61	61	43	49	46	57	61	58	52	54	43	40	49	48	46	54	56	51.1
Dumas	Maximum	80	75	79	80	84	84	82	70	76	83	83	83	68	80	84	82	81	70	86	88	89	75	65	78	62	70	70	77	84	84	83	78.5
	Minimum	68	50	49	59	48	48	52	43	41	42	49	40	54	49	62	61	48	52	44	54	61	60	50	48	42	35	46	46	55	58	55	50.6
Dutton	Maximum	73	71	74	72	71	69	60	64	73	75	73	68	73	73	65	67	68	69	69	70	75	75	65	75	59	51	65	69	74	76	75	69.5
	Minimum	53	41	36	37	39	37	32	30	32	45	48	45	47	55	44	34	43	44	44	47	51	49	45	46	32	37	38	40	42	49	47	42.2
El Dorado	Maximum	84	79	80	81	84	85	85	76	75	82	86	84	76	86	80	82	82	76	85	87	88	82	71	73	67	72	74	80	83	85	82	80.5
	Minimum	70	62	53	57	53	53	58	50	44	44	53	62	57	55	65	62	56	58	52	59	62	66	54	49	48	40	50	48	57	67	60	55.6
England	Maximum	80	78	77	80	82	82	81	70	72	80	86	80	71	83	82	81	78	71	78	84	85	73	67	74	65	66	69	76	86	83	84	77.5
	Minimum	69	54	49	55	52	51	50	42	41	41	50	61	53	47	62	62	44	47	42	54	57	56	49	47	41	36	49	45	52	56	55	50.6
Eureka Springs	Maximum	77	72	74	74	79	81	71	63	68	77	79	65	67	77	76	66	71	68	76	67	80	70	63	72	60	49	67	73	78	83	81	71.7
	Minimum	57	45	44	45	49	50	49	36	39	46	62	55	47	51	59	51	39	41	49	58	63	45	46	52	36	38	41	44	51	56	60	48.5
Fayetteville	Maximum	84	70	72	75	78	79	69	65	66	75	78	66	71	76	76	66	70	67	74	73	78	74	68	72	61	58	67	69	77	80	79	72.0
	Minimum	60	46	45	44	45	49	44	35	37	43	62	57	49	49	62	56	39	42	52	58	64	43	48	51	35	41	39	46	50	52	55	48.6
Fort Smith***	Maximum	79	75	77	78	83	84	75	61	71	80	80	76	71	79	76	70	75	70	79	73	82	69	63	77	59	58	68	65	81	83	80	74.1
	Minimum	62	55	54	52	53	54	52	43	42	44	55	62	59	55	63	53	46	52	49	60	63	57	55	57	46	43	48	48	52	60	61	53.4
Gravette	Maximum	79	70	72	73	78	79	71	62	67	74	78	67	70	75	75	63	69	66	74	70	77	74	69	64	63	57	64	68	76	78	78	71.0
	Minimum	52	44	46	43	45	47	42	34	33	40	57	52	53	48	59	51	39	41	51	56	63	59	45	48	35	39	34	44	49	54	54	47.0
Harrison	Maximum	76	69	68	72	78	78	72	64	64	74	83	71	66	73	78	64	69	65	75	65	77	73	61	72	60	52	63	67	75	78	78	70.3
	Minimum	60	44	42	43	45	46	43	38	43	37	61	57	46	47	59	56	39	40	49	58	61	46	47	49	35	39	40	42	43	48	53	47.0
Helena	Maximum	78	74	77	78	80	78	78	65	71	77	82	80	71	81	81	79	77	66	78	83	85	74	66	75	62	68	67	75	85	[illegible]	82	76.0
	Minimum	65	57	51	59	48	43	48	36	37	44	54	60	48	52	60	60	47	49	47	57	62	55	45	44	39	35	48	48	[illegible]	[illegible]	51	[illegible]
Highland	Maximum	86	80	81	83	86	87	85	75	74	76	80	82	83	79	80	82	81	82	80	82	81	80	81	83	74	70	79	83	85	81	82	80.7
	Minimum	59	52	56	55	54	55	54	44	46	44	47	53	50	52	50	53	51	53	54	63	64	63	57	55	48	40	49	52	53	54	51	52.3
Hope	Maximum	..	84	78	80	83	85	83	69	75	83	85	81	71	85	81	81	79	..	..	86	84	75	67	76	65	70	71	67	85	84	85	78.5
	Minimum	..	58	49	52	46	47	52	44	35	38	49	60	55	50	65	61	50	..	..	48	62	59	52	46	47	36	48	46	50	54	53	50.4
Hot Springs	Maximum	88	75	77	78	86	85	85	75	74	80	80	79	73	79	74	78	77	72	76	81	81	78	69	78	73	64	68	71	81	82	84	77.5
	Minimum	72	56	50	51	53	51	54	45	44	44	60	61	57	52	60	60	48	52	50	61	63	59	50	50	43	42	50	48	52	58	58	53.4
Jonesboro	Maximum	84	72	75	76	76	78	77	66	70	82	84	73	69	78	82	75	74	64	78	82	84	73	65	73	63	65	58	63	83	84	85	74.5
	Minimum	66	54	49	50	52	46	50	41	45	44	54	59	47	48	54	64	41	46	41	54	61	50	50	45	38	35	50	45	53	54	56	49.8
Lead Hill	Maximum	79	73	74	77	81	84	73	64	69	80	85	73	72	79	79	68	76	67	79	69	82	72	67	74	63	61	66	68	83	82	83	74.9
	Minimum	61	43	41	41	42	45	47	38	37	35	44	57	46	45	59	57	38	38	45	53	52	46	48	50	34	37	47	39	44	48	50	45.4
Little Rock.* **	Maximum	77	71	73	76	78	81	78	63	69	76	82	76	68	78	79	77	73	65	74	82	80	68	63	72	69	63	63	69	79	79	80	73.3
	Minimum	62	57	54	53	55	55	55	45	45	47	54	60	54	53	63	57	51	53	49	60	63	53	50	51	43	42	51	47	53	60	61	53.1
Lutherville	Maximum	81	75	76	78	84	83	76	67	72	80	84	74	71	79	77	75	75	72	77	74	80	71	68	77	74	58	69	63	79	81	80	75.2
	Minimum	66	53	50	48	49	50	48	39	39	42	52	60	53	54	60	59	43	50	45	59	60	49	49	51	39	39	42	44	52	58	59	50.4
Magnolia	Maximum	87	81	79	80	83	84	84	77	75	81	85	83	75	85	79	82	80	76	84	86	86	84	66	75	73	71	72	76	82	85	..	79.9
	Minimum	74	61	52	55	54	49	52	48	36	40	52	60	57	56	65	63	55	57	53	61	63	64	54	48	45	40	50	45	58	60	..	54.5
Malvern	Maximum	86	77	76	81	86	86	84	75	77	81	87	84	73	83	81	81	77	71	77	84	81	78	69	73	72	69	71	68	84	84	84	78.0
	Minimum	67	56	53	51	46	48	49	41	36	38	49	60	57	50	62	60	44	50	44	53	59	60	50	45	44	36	49	45	49	50	55	50.5
Mammoth Spring.	Maximum	78	76	72	74	76	78	74	67	69	73	81	75	66	70	66	68	69	61	70	76	75	70	64	72	67	64	64	66	79	80	82	71.5
	Minimum	64	48	44	44	46	49	44	39	43	39	62	47	46	44	54	56	41	41	40	51	53	46	44	45	36	34	35	45	54	52	50	48.5
Marianna	Maximum	87	79	76	77	79	77	76	75	70	75	82	79	74	78	81	78	74	70	77	81	83	81	78	72	69	64	66	73	80	81	80	76.5
	Minimum	56	51	50	59	50	47	53	43	45	43	53	61	50	48	56	52	47	50	41	53	61	51	50	41	40	34	50	49	55	54	55	49.9
Marked Tree§§	Maximum	75	74	77	77	78	78	76	64	68	78	84	73	72	80	82	75	73	66	78	80	84	64	67	72	58	66	56	74	84	84	85	74.3
	Minimum	67	51	48	49	48	42	44	41	42	40	41	51	45	44	45	57	42	42	40	40	53	61	50	43	38	33	33	46	46	52	52	46.0
Marshall	Maximum	84	70	70	77	74	74	74	68	66	74	77	77	70	68	69	64	69	69	74	72	73	76	62	65	65	54	62	62	70	73	73	70.2
	Minimum	61	43	39	39	41	44	40	37	35	35	53	59	44	50	58	59	37	37	47	56	63	43	44	46	53	40	46	41	45	53	55	45.9
Mena	Maximum	78	74	76	76	82	82	77	65	72	77	72	77	70	73	75	71	75	70	70	80	70	75	68	75	65	68	69	71	79	80	79	[illegible]
	Minimum	65	55	54	50	48	49	44	42	39	40	54	59	57	51	61	58	43	51	50	59	62	62	51	52	41	38	46	46	50	56	57	51.4
Morrilton §§	Maximum	73	72	73	76	81	81	75	62	69	77	83	75	68	77	77	74	73	65	70	79	75	65	64	74	56	61	64	57	77	78	78	71.9
	Minimum	73	54	51	50	51	52	52	44	45	42	42	53	55	50	52	60	44	46	45	47	58	60	50	50	42	39	40	45	46	47	57	49.7
Mountain Home..	Maximum	75	72	71	75	80	84	76	65	70	80	87	70	72	80	74	69	75	66	79	63	82	60	67	75	64	59	66	63	83	84	84	73.5
	Minimum	56	45	43	44	45	47	43	37	42	37	47	56	46	45	54	52	38	39	43	56	59	45	47	48	34	37	48	41	43	58	54	46.1
Mount Ida	Maximum	78	76	77	78	83	87	84	69	75	79	82	83	72	79	76	80	76	72	74	82	81	72	71	81	66	68	72	69	81	81	81	76.9
	Minimum	63	49	40	40	40	42	44	36	31	32	42	60	57	46	59	58	39	43	41	52	60	55	52	47	44	34	48	40	45	48	50	46.4
Newport	Maximum	82	72	74	75	76	80	78	66	70	68	78	73	70	80	80	75	73	69	73	78	80	74	65	74	65	67	62	73	83	84	85	74.3
	Minimum	68	52	49	62	50	47	48	40	43	40	52	53	47	46	55	63	42	47	40	52	49	51	50	45	39	35	50	44	50	53	55	48.9
Ozark§§	Maximum	80	77	80	80	84	84	76	67	71	80	82	76	70	78	76	71	70	70	75	71	82	66	64	78	60	59	69	62	78	80	80	74.1
	Minimum	70	49	50	48	48	50	46	38	38	38	40	50	56	55	57	61	42	44	47	49	62	60	53	53	43	42	43	49	49	50	56	49.5
Pine Bluff	Maximum	84	77	79	84	84	83	83	73	75	82	87	80	72	65	..	..	80	72	82	87	81	72	66	76	68	70	71	76	86	86	84	78.8
	Minimum	69	58	52	59	53	52	55	43	43	44	54	61	57	52	..	..	51	52	52	57	62	59	50	48	44	42	51	49	56	59	59	53.2
Pocahontas	Maximum	84	74	76	78	77	76	77	69	69	76	83	76	71	74	77	73	70	68	70	77	79	74	67	73	68	64	61	71	80	82	83	74.1
	Minimum	63	49	46	50	49	44	48	40	45	38	50	56	45	44	50	56	40	42	38	51	54	46	45	43	35	34	48	40	47	52	55	46.5
Portland	Maximum	83	76	79	78	81	80	80	71	73	78	83	83	76	85	82	82	79	72	84	87	90	78	67	74	65	70	73	78	85	84	79	78.6
	Minimum	69	58	51	59	52	50	56	46	35	39	45	52	59	50	63	62	52	56	50	52	58	61	53	49	44	34	48	46	57	57	56	52.2
Prescott	Maximum	86	78	78	81	85	85	83	80	75	82	86	82	79	84	79	82	79	76	81	86	84	81	71	77	75	69	72	70	84	83	82	79.8
	Minimum	69	58	51	55	53	53	56	46	40	41	50	60	55	52	63	62	50	53	47	58	63	62	52	48	47	38	49	45	52	56	57	52.9
Rison	Maximum	89	78	81	83	86	85	84	79	74	84	88	83	78	85	82	84	82	74	..	88	86	78	67	77	73	70	73	77	86	86	86	81.0
	Minimum	67	57	49	57	47	49	49	39	37	41	51	58	55	50	63	60	49	51	..	46	60	59	49	46	42	36	47	45	55	58	57	51.0
Searcy	Maximum	76	72	73	76	79	78	77	68	70	71	83	74	69	78	82	78	73	64	70	80	80	71	64	74	64	64	63	70	82	81	83	73.8
	Minimum	65	53	49	53	51	50	47	39	41	40	45	60	48	47	59	62	42	47	40	52	53	50	49	45	39	35	49	45	50	55	53	48.8
Stuttgart	Maximum	83	76	78	79	83	81	79	74	73	79	85	80	74	84	81	78	79	69	82	84	84	77	68	76	67	68	69	77	85	84	85	[illegible]
	Minimum	70	56	49	56	52	50	50	40	39	40	41	40	44	49	62	61	46	50	45	56	60	55	51	47	42	36	52	47	56	59	57	50.3
Texarkana	Maximum	88	78	79	81	83	86	85	70	75	80	84	84	71	78	78	82	78	74	83	82	81	78	72	78	65	68	72	73	82	83	84	78.5
	Minimum	68	56	50	48	50	49	50	45	37	40	45	59	55	48	65	60	52	53	43	51	53	51	52	50	52	37	40	45	52	52	55	50.4
Thornburg	Maximum	79	72	76	77	81	84	79	65	71	79	86	80	72	81	82	79	77	71	77	82	79	73	67	75	65	61	68	64	82	85	84	75.9
	Minimum	61	49	39	39	42	41	42	35	35	33	49	60	54	44	60	59	35	40	46	55	55	40	38	45	47	33	48	40	43	46	54	45.4
Warren	Maximum	85	82	76	78	80	79	79	78	76	75	81	81	77	79	79	78	75	73	77	80	80	77	76	72	71	69	68	73	80	80	78	77.2
	Minimum	69	60	51	57	53	53	59	45	53	44	52	57	59	54	65	62	53	56	50	58	61	62	51	49	49	38	49	48	57	61	59	51.6
Wilson	Maximum	89	72	76	76	75	76	76	73	69	76	83	72	69	79	82	76	73	70	78	82	84	83	71	64	67	67	66	..	89	84	85	76.1
	Minimum	..	49	47	55	46	40	47	40	43	40	52	59	45	40	50	52	40	45	41	54	61	49	42	36	45	36	49	44	..	53	53	46.7
Wynne	Maximum	81	73	75	76	78	74	76	63	67	78	84	74	70	81	80	76	73	67	79	82	84	78	70	76	64	65	67	71	83	83	82	75.2
	Minimum	61	52	44	50	45	40	44	39	37	40	50	58	48	46	60	50	43	50	48	55	60	53	51	45	36	31	45	46	50	63	55	48.2

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

JAN -5 1934

3

ARKANSAS SECTION

H. S. COLE

ol. XXXVIII Little Rock, Ark., November, 1933 No. 11

GENERAL SUMMARY

Temperatures were considerably below normal from the 4th o the 11th of November and on the 15th and 16th, and slighty below in most sections from the 23d to the 25th, while they vere above normal nearly all of the remainder of the time. he coldest for the month occurred either on the 8th, 10th, or 6th, while the warmest weather was reported either the 1st or d, the 20th, or during the latter part of the month. The verage temperature for the State, based on the reports of 62 tations, was 53.0° which is 1.5° above the mean for the past 3 years. Of the stations for which normals have been comouted, only four had negative departures. Monthly means anged from 47.6° at Dutton to 58.0° at El Dorado. The highst temperature reported was 85° at Conway on the 20th; the owest, 20° at Dutton on the 8th and at both Dutton and Vynne on the 10th and 16th. The greatest daily range was 4° at Calico Rock on the 20th.

Precipitation for the month was confined principally to three eriods. Moderate to locally heavy rains occurred from the 2d o the 5th and again on either the 20th or 21st, and light showers about the 24th, fair weather prevailing in most sections the emainder of the time. The average precipitation for the State or the 89 stations reporting was 1.88 inches which is 1.75 nches below the mean for the past 43 years. Of the stations vith records of 10 years or more, only three, Amity, Danville, nd Malvern, had positive departures. Monthly totals ranged rom 0.50 inch at Crossett to 4.91 inches at Malvern. Five stations had monthly totals of less than 1.00 inch while only hree had more than 4.00 inches. The greatest amount measured in any 24-hour period was 3.85 inches at Malvern on the 1st. The average number of days with 0.01 inch or more vas 4.

Favorable weather conditions continued during November. The gathering of fall crops was farther advanced than usual luring October and this work was nearly completed by November 30th, only a small amount of cotton remaining in the fields n the northeastern portion of the State by the last of the month. The rains during the first week were very beneficial o fall crops. Beans, cabbage, turnips, tomatoes, and other all truck were plentiful until the freezing temperatures of the th when considerable damage resulted. Some late corn was njured by the killing frost but most staple crops had already natured. All streams of the State remained at low stages luring the month though the rains were generally sufficient or soil moisture except in some southern counties where it was oo dry. More than the usual amount of fall plowing had been lone by the close of the month.

T.A.M.

Moderate Hail:--Grannis, 20th, some damage to fall truck. Portland and Yancopin, 21st, no damage.
Heavy Hail;--Prescott, 20th, no report on damage.

Correction: September, 1933

Fort Smith, greatest 24-hour precipitation should be 4.03 inches.

Miscellaneous Phenomena
Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	1			1	1			2				14	2			1		1	2		5	2			9				1	3	
Light Hail																				3	1		1								
Moderate Hail																					3										
Heavy Hail																				1											
Thunderstorms				10																18	19			1							

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 10	30.51	16	29.69	21	7.0	21	sw	28	....	....	....	70
Fort Smith	30.12	30.52	16	29.73	20	7.9	28	sw	17	74	48	55	56
Little Rock	30.15	30.59	16	29.74	21	8.2	22	sw	27	73	50	56	63
Memphis	30.13	30.62	16	29.74	21	8.6	30	nw	13	74	57	56	67

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	−1 8	87	10	5.56	+1.93	10.03	0.95	...	8	13	7	10
1892	49.9	−1.6	79	20	5.83	+2.20	11.74	1.78	1.2	9	11	7	12
1893	49.3	−2.2	84	10	4.21	+0.58	7.13	2.24	0.0	5	14	8	8
1894	50.4	−1.1	81	12	1.12	−2.51	3.28	0.00	T.	2	19	6	5
1895	49.9	−1.6	82	16	4.82	+1.19	7.68	2.82	0.1	6	14	5	11
1896	52.8	+1.3	88	8	4.34	+0.71	9.51	1.26	0.1	7	14	7	9
1897	51.6	+0.1	88	15	2.82	−0.81	5 80	0.86	T.	6	16	6	8
1898	47.5	−4.0	87	9	3.20	−0.43	6.46	1.50	T.	4	13	8	9
1899	54.3	+2.8	87	17	2.61	−1.02	5.86	1.06	T.	6	13	8	9
1900	51.4	−0.1	90	18	4.28	+0.65	9.39	1.79	T.	6	15	7	8
1901	50.5	−1.0	88	15	2.99	−0.64	4.83	1.57	0.0	5	16	7	7
1902	56.5	+5.0	90	18	6.66	+3.03	13.11	3.55	T.	9	8	9	13
1903	47.6	−3.9	89	2	0.64	−2.99	1.85	0.00	0.1	3	13	9	8
1904	51.4	−0.1	89	17	1.38	−2.25	4.90	0.00	T.	3	17	5	8
1905	53.2	+1.7	88	9	3.28	−0.35	6.23	0.88	T.	5	16	5	9
1906	50.2	−1.3	88	13	5.90	+2.17	19.56	2.09	0.1	6	14	7	9
1907	49.0	−2.5	84	10	5.71	+2.08	9.32	1.97	T.	6	16	5	9
1908	53.8	+2.3	88	5	5.40	+1.77	8.75	1.30	T.	8	15	6	9
1909	59.3	+7.8	90	16	3.75	+0.12	7.98	1.38	0.0	7	13	8	9
1910	51.5	0.0	85	17	0.47	−3.16	1 45	T.	0.0	3	16	9	5
1911	46.8	−4.7	86	5	3.18	−0.45	4.84	1.41	0.2	7	14	8	8
1912	50.5	−1.0	89	13	1.66	−1.97	4.20	T.	T.	2	19	7	4
1913	57.6	+6.1	85	20	2.47	−1.16	5.16	T.	0.0	5	10	9	11
1914	52.6	+1.1	88	11	2.32	−1.31	5.62	0.44	T.	4	15	6	9
1915	54.8	+3.3	88	17	5.40	+1.77	9.14	1.24	0.1	6	16	5	9
1916	52.1	+0.6	87	10	2.95	−0.68	5.15	1.14	T.	5	20	4	6
1917	50.7	−0.8	85	11	1.96	−1.67	7.07	0.35	T.	4	17	4	9
1918	49.7	−1.8	88	18	3.91	+0.28	6.13	1.60	0.1	6	15	4	11
1919	51.4	−0.1	86	14	6.27	+2.64	11.97	2.42	T.	7	17	3	10
1920	47.8	−3.7	89	10	1.95	−1.68	5.78	0.21	T.	5	15	4	11
1921	54 9	+3.4	88	17	5.53	+1.90	13.77	1.10	T.	7	13	6	11
1922	52.9	+1.4	88	20	3.89	+0.26	8.82	0.86	0.0	6	16	6	8
1923	50.8	−0.7	81	21	3.34	- 0.29	6.11	0.65	0.3	6	15	4	11
1924	53.4	+1.9	88	15	2.36	−1.27	5.60	0.20	T.	4	16	5	9
1925	50.4	−1.1	89	15	5.67	+2.04	14.41	1.04	T.	8	16	4	10
1926	47.2	−4.3	81	10	3.33	−0.30	5.59	0.87	0.7	6	14	5	11
1927	56.7	+5.2	96	20	3.67	+0.04	8.18	0.93	0.1	6	7	8	15
1928	50.2	−1.3	82	13	4.25	+0.62	7.71	1.80	T.	8	13	3	14
1929	46.1	−5.4	85	7	2.61	−1.02	6.57	0.78	2 3	8	10	6	14
1930	50.5	−1.0	87	16	4.15	+0.52	9.35	1.95	T.	7	16	4	10
1931	57.6	+6.1	88	18	6.34	+2.71	9.19	2.49	T.	9	9	6	15
1932	46.7	−4.8	82	9	1.98	−1.65	4.76	0.48	0 1	6	16	4	10
1933	53.0	+1.5	85	20	1.86	−1.77	4.91	0.50	T.	4	16	6	8
Period	51.5	.....	96	2	3.63	... .	19.56	0.00	0.1	6	14	6	10

Daily River Stages for November, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	6.3	6.0	5.8	5.6	6.3	11.2	11.3	10.0	8.8	7.8	7.4	6.8	6.5	6.3	6.3	6.0	5.7	5.4	5.3	5.2	5.2	5.4	5.6	5.7	5.8	5.3	5.0	5.0	5.0	5.0	
zark	do	22	2.9	2.3	2.2	2.0	2.0	4.4	7 8	7.3	6.0	5.0	4.0	3 3	3.0	2 7	2.4	2.2	2.0	1.7	1.5	1.3	1.2	1.3	1.8	1.8	1.8	1.8	1.4	1.3	1.2	1.0	
ardanelle	do	22	5.2	4.9	4.6	4.5	4.5	4.4	8 4	10.0	9.2	8.1	7.2	6.7	6.3	6.0	5.8	5.6	5.5	5.3	5.0	4.8	4.8	4.7	4.6	4.4	4.4	4.4	4.4	4.3	4.3	4.2	
orrilton	do	20	2.2	2.0	1.4	1.2	1.2	1.3	1.8	6.6	6.8	5.5	4.3	3.3	2.5	2.0	1.6	1.4	1.2	0.9	0.6	0.3	0.3	0.3	0.3	0.4	0.7	0.6	0.7	0.5	0.1	0.0	
ittle Rock	do	23	2.6	2.4	2.1	1.8	1.5	1.4	1.5	1.7	6.5	6.4	5.2	4.2	3.3	2.6	2.1	1.8	1.5	1.4	1.0	0.6	0.7	0.7	0.7	0.6	0.5	0.8	0.8	0.8	0.6	0.4	
ine Bluff	do	25	7.8	7.3	7.2	7.0	6.6	6.2	6.1	6.2	7.8	10.7	10.6	9.4	8.6	7.7	7.3	6.9	6.6	6.3	6.0	5.7	5.7	5.4	5.3	5.3	5.2	5.3	5.4	5.4	5.4	5.3	
anville	Petit Jean	20	1.8	1.8	2.3	3.5	4.0	4.1	3.7	3.5	3.2	2.7	2.5	2.3	2.2	2.0	1.9	1.8	1.8	1.7	1.6	1.6	1.7	3.1	4.2	4.1	4.1	4.0	3.7	3.4	3.1	2.7	

Climatological Data for November, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Amity	Clark	700	38	53.4	+1.0	82	1	29	26	41	4.80	+1.11	3.50	0.0	2	10	16	4	w.	J. W. Campbell
Arkadelphia	Clark	250	38								2.96	-0.73	1.93	0.0	3	15	4	11		W. K. Bown
Arkansas City	Desha	145	49								1.09	-2.80	0.47	0.0	5	17	4	9		Herbert Neff
Arlberg	Stone	700	11								1.60	-2.06	0.80	0.0	4					J. D. Reeves
Batesville	Independence	277	34	48.5	-0.7	79	1	21	10	48	1.41	-2.08	0.54	0.0	5	22	3	5	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	53.0	+2.3	79	28	25	10	40	3.07	-0.41	1.50	0.0	4	16	4	10	s.	J. E. Scanlan
Bentonville	Benton	1303	28	49.8	-1.6	79	1	28	10	35	2.71	-0.43	0.92	0.0	5	11	10	9	sw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi		3								1.05		0.68	0.0	2	19	3	8		C. J. Brooks
Black Rock	Lawrence	259	32								1.54	-2.62	0.65	0.0	4	18	1	11	n.	Vernon C. Howe
Blytheville	Mississippi	252	8	54.0^{i}		79^{i}	1	27^{i}	8	36^{i}	1.34		0.84	0.0	3	17	8	5	nw.	Samuel Norris
Booneville	Logan	465	19	53.3	+0.8	80	12	27	8†	47	1.96	-1.47	1.01	0.0	3	17	6	7	w.	F. H. Randolph
Brinkley	Monroe	205	46	53.5	+1.8	83	1	22	10	47	1.66	-2.53	0.83	0.0	3	20	0	10	sw.	R. J. Torry
Calico Rock	Izard	361	29	48.6	+1.6	82	20†	23	16	54	1.37	-1.65	0.60	0.0	4	19	3	8	sw.	E. R. Wiseman
Camden	Ouachita	158	48	54.4	+2.4	82	21	28	16	48	0.82	-3.32	0.64	0.0	2	12	8	10	nw.	J. M. Knight
Carthage	Dallas		28	52.0		82	2	27	10†	44	1.40	-2.34	0.75	0.0	2	21	6	3	n.	P. K. Wylie
Center Point	Howard	470	34	57.0	+2.8	82	2	30	8†	42	1.03	-2.52	0.86	0.0	2	16	8	6	s	John C. Floyd
Clarendon	Monroe	172	29								1.14	-2.77	0.72	0.0	5	9	7	14	n.	J. W. Bishop
Clinton	Van Buren	516	12								2.14	-2.49	1.21	0.0	3	19	6	5	sw.	A. L. Stephens
Conway	Faulkner	309	50	55.2	+3.5	85	20	26	10†	48	2.02	-1.91	1.25	0.0	2	22	3	5	s.	E. E. Cordrey
Corning	Clay	293	40	50.3	+2.0	79	1	21	10†	45	1.48	-2.10	0.60	0.0	4	21	1	8	sw.	Winfred D. Polk
Cotter	Baxter	408	6								1.86		0.70	0.0	5	17	4	9	nw.	O. B. McSpadden
Crosset	Ashley	175	21	56.3^{a}		83^{a}	21	30	10†	41^{a}	0.50	-3.76	0.36	0.0	3	17	2	11	ne.	G. A. Gifford
Danville	Yell	327	17								3.30	+0.06	2.00	0.0	3	17	6	7	e.	J. M. Patterson
Dardanelle	Yell	330	47	52.4	+0.6	78	1	27	10	38	1.95	-1.56	1.16	0.0	3	12	9	9	n.	Geo. N. Goodier
De Valls Bluff	Prairie	153	6								1.83		1.02	0.0	2					H. G. Pate
Dumas	Desha	162	28	55.2	+1.8	83	20	26	16	43	1.15	-2.91	0.90	0.0	3	12	10	8	n.	Ben Johnson
Dutton	Madison	1590	30	47.6	+1.0	76	1	20	8†	35	2.83	-1.14	1.25	T.	6	18	6	6	s.	J. M. Ricketts
El Dorado	Union	270	33	58.0	+3.2	83	21	34	8†	38	0.88	-3.41	0.68	0.0	4	15	6	9	nw.	J. J. Babb
England	Lonoke	229	26	53.9^{h}	+0.8	81^{h}	1	26^{i}	10	45^{i}	1.30	-2.40	0.70	0.0	2	12^{j}	3^{j}	5^{j}	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	51.8	+0.8	82	1	26	10	42	1.85	-1.42	0.66	0.0	7	14	10	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	50.8	+1.4	80	1	26	10	38	2.27	-0.70	0.98	0.0	8	16	8	6	sw.	University of Arkansas
Fort Smith	Sebastian	457	52	54.2	+3.2	78	1	32	10	37	1.62	-1.25	0.83	0.0	3	15	9	6	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	9								1.96		0.96	0.0	5	18	3	9	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	48								1.25	-2.31	1.25	0.0	1	16	6	8		T. J. Logan
Georgetown	White	200	21								1.76	-1.71	0.91	0.0	3	18	4	8		Mrs. W. R. Owens
Gilbert	Searcy	675	9																	
Grannis	Polk	900	14	53.0	+2.0	82	4	27	8†	42	4.09	-0.53	3.06	0.0	6	18	8	4	e.	W. E. McVay
Gravette	Benton	1250	36	49.2	+0.2	79	1	24	8†	38	2.49	-0.62	0.90	0.0	6	14	7	9	n.	A. F. Stevens
Harrison	Boone	1052	33	50.4	+1.5	80	30	24	10	42	1.79	-0.94	0.83	0.0	6	20	4	6	sw.	Louis R. Keck
Helena	Phillips	250	61	52.8	0.0	81	20	24	10†	42	1.94	-2.62	0.80	0.0	5	14	5	11	nw.	James A. Burnett
Higden	Cleburne	445	14								2.29	-1.75	1.70	0.0	4	21	5	4	n.	Trumon Brown
Highland	Pike		14	57.6		83	1	31	8	37	1.35	-2.36	0.95	0.0	2	13	13	4	s.	J. O. Cooley
Hope	Hempstead	377	63	55.2^{a}	+0.8	84^{a}	1	27^{a}	25	43^{a}	1.16	-3.28	1.04	0.0	2	18^{a}	7^{a}	4^{a}		N. P. O'Neal
Hot Springs	Garland	600	42	56.6	+4.2	81	1	30	10	35	2.49	-1.66	1.57	0.0	2	13	13	4		National Park Service
Index	Little River	275	8								1.25		1.25	0.0	1	15	0	15		H. C. Sanderson
Jessieville	Garland	750	7								2.18		1.33	0.0	2	15	1	14	s.	U. S. Forest Service
Jonesboro	Craighead	345	38	53.0	+1.8	79	1	25	10	35	1.30	-2.12	0.75	0.0	4	19	8	3	nw.	Benedictine Sisters
Lead Hill	Boone	650	27	50.1	+2.1	82	30	21	10†	51	1.43	-2.19	0.98	0.0	6	19	5	6	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	53.6	+1.5	77	20	32	8	37	1.68	-2.51	0.90	0.0	3	13	9	8	sw.	U. S. Weather Bureau
Lurton	Newton	2100	7																	Miss Mary Sutton
Lutherville ‡‡	Johnson	775	34	53.3	+2.5	78	1†	26	8	38	1.73	-1.75	1.12	0.0	3	14	4	12	sw.	H. G. Lennardt
Madison	St. Francis		3								1.39		0.70	0.0	2	17	1	12		J. W. Eppes
Magnolia	Columbia	315	17	57.8	+3.6	83	10	30	25	49	0.81	-3.42	0.81	0.0	1	8	17	5	sw.	State Agri. School
Malvern	Hot Springs	277	47	54.6	+2.6	82	1	23	8	46	4.91	+0.55	3.85	0.0	4	19	7	4	n.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	29	50.2	+1.8	82	1	21	10†	48	2.37	-0.99	1.42	0.0	4	16	8	6	nw.	S. F. Whittaker
Marianna	Lee	235	21	53.8	+1.8	80	20	25	16	47	1.15	-2.07	0.71	0.0	3	9	16	5	ne.	C. N. Houck
Marked Tree	Poinsett	229	28	49.0^{b}	+0.2	80^{c}	1	22	16	47^{c}	1.11	-3.10	0.67	0.0	3	13	12	5	s.	Charles Walton
Marshall	Searcy	1070	19	50.4	-0.6	75	19	22	10	48	2.90	-0.80	1.33	0.0	6	17	4	9	n.	A. J. Parks
Mena	Polk	1185	45	53.2	+1.0	78	1	28	8	38	2.19	-1.29	1.25	0.0	5	15	8	7	n	E. W. St. John
Morrilton	Conway	347	14	50.8		76	20	28	25†	38	2.56	-1.26	1.64	0.0	3	16	5	9	n.	Miss Ruby Cook
Mountain Home	Baxter	800	21	50.9	+2.8	80	1†	22	10	48	1.79	-1.30	1.05	0.0	5	17	2	11	w.	B. S. Halbert
Mount Ida	Montgomery	650	34	52.6	+2.3	81	14	22	25	51	2.02	-2.08	1.10	0.0	3	16	6	8	w.	G. A. Whittington
Newport	Jackson	231	50	52.5	+1.5	81	1	23	10	44	1.12	-3.01	0.51	0.0	5	16	4	10	n.	J. D. Henderson
Norman	Montgomery	750	5								3.29		2.22	0.0	4	15	5	10		U. S. Forest Service
Oden	Montgomery	800	7								2.85		1.90	0.0	4	14	7	9	sw.	U. S. Forest Service
Okay	Howard	288	4	55.8		81	1†	25	25	47	1.49		1.09	0.0	4	17	9	4	nw.	Charles R. Jackson
Osceola	Mississippi	240	37	53.1	+3.1	82	1	24	10†	37	1.48	-2.91	0.92	0.0	3	16	10	4	s.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	38	51.0	-0.6	81	3	28	10	39	1.43	-1.76	0.52	0.0	5	18	4	8	se.	Orkney O. Milton
Paragould	Greene	301	10								1.57		0.53	0.0	4	19	8	3	nw.	W. R. Heagler
Parkin	Cross		2								1.07		0.67	0.0	2	18	5	7		Carroll King
Patterson	Woodruff	196	17								2.43	-1.99	2.15	0.0	3	17	7	6	n.	W. E. Baker
Piggott	Clay	307	9								1.39		0.93	0.0	3	21	1	8	sw.	V. C. Wright
Pine Bluff	Jefferson	215	46	56.2	+3.2	81	1	31	8†	40	2.57	-1.55	1.54	0.0	5	12	9	9	n.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	50.7	+0.7	82	1	21	10	44	1.45	-2.12	0.62	0.0	4	14	6	10	sw.	Benedictine Sisters
Portland	Ashley	122	27	55.8	+1.7	83	20†	28	10	45	1.00	-3.15	0.59	0.0	4	15	6	9	n.	W. E. Edmiston
Prescott	Nevada	329	45	56.8	+2.8	81	1	30	8†	40	1.49	-1.96	1.04	0.0	4	13	7	10	n	Craig Williams
Rison	Cleveland	243	33	56.2	+2.8	83	1	28	10	43	1.00	-2.50	0.74	0.0	2	16	10	4	sw.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	42	50.2	+1.4	81	1	25	10	44	2.10	-0.84	0.56	0.0	6	19	3	8	w.	Carl A. Starck
St. Charles	Arkansas	175	3																	
St. Francis	Clay	290	6								1.32		0.84	0.0	4	16	7	7		S. T. Rooney
Searcy	White	236	23	52.2	+1.4	82	2	23	10	48	1.61	-2.84	0.87	0.0	5	20	1	9	sw.	Arthur D. Smith
Story	Montgomery	700	9								3.20		1.80	0.0	2	20	5	5	n.	S. C. Story
Stuttgart	Arkansas	209	46	55.8	+3.6	81	1	26	10	42	1.95	-2.10	1.02	0.0	3	20	3	7	nw.	Mrs. Kress Swim
Subiaco	Logan	1050	36	54.7^{b}	+1.9	80^{b}	1†	28^{b}	10	39^{b}	2.06	-0.99	1.28	0.0	2	20	4	6	nw.	New Subiaco Abbey
Sunset	Washington		2	50.6		76	1	29	8	33	1.87		0.76	0.0	7	16	6	8	sw.	Walter James
Texarkana	Miller	332	48	56.2	+1.0	80	1†	29	8†	38	1.22	-2.06	1.22	0.0	1	17	4	9	n.	H. S. Brashear
Thornburg	Perry	650	13	51.2		79	2†	22	10†	47	2.90	-0.46	1.57	0.0	3	19	6	5	s.	Edward E. Holmes
Waldron	Scott	675	14								2.56	-1.28	1.17	0.0	5	16	4	10	nw.	Dr. Cheves Bevill
Warren	Bradley	206	39	56.2	+2.5	79	21	33	8†	37	0.96	-2.98	0.80	0.0	2	20	6	4	s	Miss Evelyn Hoyle
Waters	Montgomery	800	9								3.72		2.74	0.0	2	18	5	7	w.	J. R. Huddleston
Wilson	Mississippi	237	8	51.1		79	1	21	16	49	1.30		1.00	0.0	2	19	4	7	s.	D. O. Anderson
Wynne	Cross	250	25	50.1	-1.3	80	1	20	10†	39	2.12	-1.71	1.12	0.0	3	10	9	11	n.	R. T. Cobbs
Yancopin	Desha	167	9								1.46		0.80	0.0	5	11	10	9		W. E. Barton
State Means				53.0	+1.5	85	20	20	8†	54	1.88	-1.75	3.85	T.	4	16	6	8	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for November, 1933

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita				1.30																	3.50											4.80
Arkadelphia	Ouachita				1.00								.03									1.93											2.96
Arkansas City	Mississippi		.03		.44	.47							T.						T.	.03			.12										1.09
Arlberg	White			.80																		.62		*	.18								1.60
Batesville	White			.13	.45	.16																.54			.13								1.41
Bee Branch	Arkansas		.56		.84																	1.50		T.	.17								3.07
Bentonville***	Arkansas		.92	.12	.73																.81		T	.13	T.						T.		2.71
Big Lake Outlet	St. Francis		T.	T.		.68																.37			T.								1.05
Black Rock	White			.10		.64																.65			.15								1.54
Blytheville	St. Francis		T.			.84																.41			.09								1.34
Booneville	Arkansas		.07		.88																	1.01			T.					T.			1.96
Brinkley	White				.70	.13																.83											1.66
Calico Rock	White				.60	.30	T.	T.														.35			.12								1.37
Camden	Ouachita				.64								.18																				0.82
Carthage	Ouachita				.75																	.65											1.40
Center Point	Red				.86																	.17								T			1.03
Clarendon	White		T.		.72	.02							T.						.02			.36	.02		T.								1.14
Clinton	White		.21		72																	1.21											2.14
Conway	Arkansas				.77																	1.25											2.02
Corning	White			.15	.58																	.60			.15								1.48
Cotter	White		T.	.36	.70	.58																.17			.05								1.86
Crossett	Ouachita			T.	T.								.12						.36	T.		.02											0.50
Danville	Arkansas			.40	.90																	2.00											3.30
Dardanelle	Arkansas		.02		.77																	1.16			T.								1.95
De Valls Bluff	White				1.02																	.81											1.83
Dumas	Mississippi	T.	T		.90							.05							T.			.20											1.15
Dutton	White	.15	T.	.10																	.15	1.25		.15						.53			2.33
El Dorado	Ouachita				.68								.10						.06				.04										0.88
England	Arkansas				.70																	.60											1.30
Eureka Springs	White		.12	.38	.66	.05															.19	.33			.12								1.85
Fayetteville	White		.21	.23	.98	.01	.02														.16	.60	T.	T.	.06								2.27
Fort Smith***	Arkansas		T.	.03	.80	T.															.79	T.		T						T.			1.62
Freeman Sprgs.	Arkansas		.03	.09	.96																	.52			.36								1.96
Fulton	Red				1.25	T.						T.						T.							T.								1.25
Georgetown	White				.80																	.91			.05								1.76
Gilbert	White																																
Grannis	Red				.76	.03						.04									.10	3.06								.10			4.09
Gravette	Arkansas		.15	.48	.76	.04																.90			.16						T.		2.49
Harrison	White		.03	.61	.83																	.20			.10					.02			1.79
Helena	Mississippi					.60													.15			.80	.36		.03								1.94
Higden	White		.47																			1.70		.07	.05								2.29
Highland	Ouachita				.95																	.40											1.35
Hope	Red				1.04							.12									T.			T.									1.16
Hot Springs	Ouachita				.92																T.	1.57			T								2.49
Index	Red				1.25	T																											1.25
Jessieville	Ouachita				.85																	1.33											2.18
Jonesboro	White		.02	T.		.75																.44			.09								1.30
Lead Hill	White		.01	.10	.98																	.29		.04						.01			1.43
Little Rock***	Arkansas				.78													T.	T		.14	.76		T.									1.68
Lurton	White																																
Lutherville	Arkansas				1.12																	.50		T.	.11								1.73
Madison	St. Francis				T.	.70																.69											1.39
Magnolia	Red				.81																												0.81
Malvern	Ouachita				.95								.06						.05			3.85											4.91
Mammoth Spg.	White			.68	1.42																	.12			.15								2.37
Marianna	St. Francis				.71																	.43		.01									1 15
Marked Tree	St. Francis					.67	T.															.41			.03								1.11
Marshall	White		.20	.18	1.33	.03																.46	T.	.70									2.90
Mena	Ouachita			.01	.89	.02	.02															1.25											2.19
Morrilton	Arkansas		.08	T.	.84																	1.64			T.								2.56
Mountain Home	White			.10	1.05																	.28		.08							.28		1.79
Mount Ida	Ouachita				.90																	1.10			.02								2.02
Newport	White			.01	.28	.25																.51			.07								1.12
Norman	Ouachita				1.00																	2.22			.05				T.	.02			3.29
Oden	Ouachita			.14	.79	T.	T.															1.90									.02		2.85
Okay	Red				1.09							.07										.30			.03								1.49
Osceola	Mississippi			T.		.92																.48			.08								1.48
Ozark	Arkansas			.25	.50	.11																.52			.05								1.43
Paragould	St. Francis			.26	.41	.53																.37											1.57
Parkin	St. Francis					.67																.40											1.07
Patterson	White				2.15																	.08			.20								2.43
Piggott	St. Francis				.93																	.28			.18								1.39
Pine Bluff	Arkansas				.60								.10						.05			1.54	.28		T								2.57
Pocahontas	White		.05		.62																	.62			.16								1.45
Portland	Ouachita		.20		T.	.59								.11									.10										1.00
Prescott	Ouachita				1.04		.02															.41			.02								1.49
Rison	Ouachita				.74																	.26											1.00
Rogers (near)	White		.56	.41	.42																.22	.37			.12								2.10
St. Charles	White																																
St. Francis	St. Francis		T.	.06		.84	T.															.24			.18								1.32
Searcy	White		.01		.63	.05																.87			.05								1.61
Story	Ouachita				1.40																	1.80											3.20
Stuttgart	Arkansas				.93																	*	1.02		T.								1.95
Subiaco	Arkansas				1.28																T.	.78		T.									2.06
Sunset	Arkansas			.08	.76	.04															.11	.75			10					.03			1.87
Texarkana	Red				1.22							T																					1.22
Thornburg	Arkansas		.17	T.	1.16																	1.57											2.90
Waldron	Arkansas		.18	.06	1.11								.04									1.17		T.	T.					T.			2.56
Warren	Ouachita				.80	T.							.16							T.					T.								0.96
Waters	Ouachita				98																	2.74											3.72
Wilson	Mississippi				1.00																	.30											1.30
Wynne	St. Francis					1.12																.49			.51								2.12
Yancopin	Arkansas		.09		.80	14							.07										.36		T.								1.46

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.7	4.7	4.7	4.3	4.5	4.8	4.9	5.2	5.1	5.0	4.6	4.5	4.4	3.8	3.4	3.3	3.7	3.7	3.5	3.2	3.2	3.0	3.0	3.0	3 0	3.0	3.6	3.6	3.6	3.5	
Calico Rock	do	18	3.3	2.7	1.7	2.1	1.9	2.4	3.4	3.6	3.5	3.4	2.7	2.5	2.2	1.7	0.9	1.5	1.5	1.5	1.4	1.0	0.6	0.5	0.8	1.2	0.8	1.0	1.2	1.4	1.4	1.1	
Batesville	do	23	8.4	8.1	7.3	6.8	7.2	7.0	8.1	8.5	8.6	8.5	8.1	7.8	7.5	7.3	6.5	6.1	6.2	6.2	6.2	6.0	5.7	5.4	5.2	5.4	5.7	5.4	5.4	5.6	5.8	5.8	
Newport	do	26	4.7	4.4	4.1	3.4	3.3	3.4	3.4	4.1	4.5	4.5	4.4	3.9	3.6	3.4	3.2	2.5	2.5	2.5	2.4	2.4	2.2	2.0	1.9	1.7	1.8	1.7	1.6	1.6	1.8	1.9	
Georgetown	do	22	6.9	6.4	6.0	5.6	5.1	4.7	4.5	4.4	4.8	5.2	5.6	5.5	5.5	5.0	4.8	4.5	4.0	3.6	3.3	3.1	3.1	3.0	2.8	2.6	2.5	2.4	2.3	2.3	2.2	2.2	
Clarendon	do	30	14.5	14.1	13.7	13.3	13.0	12.6	12.2	11.8	11.7	11.7	11.9	12.2	12.4	12.5	12.3	11.9	11.8	11.4	11.0	10.6	10.4	10.3	10.2	10.1	9.9	9.7	9.6	9.5	9.4	9.3	
Black Rock	Black	14	2.3	2.3	2.3	2.2	2 5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.6	1.6	
Arkadelphia	Ouachita	12	-0.6	0.0	-0.4	0.4	-0.6	-0.4	-0.4	0.4	0.4	-0.4	-0.6	-0.8	-0.8	-0.4	-0.6	-0.8	-1.0	-1.0	-1.0	-0.8	0.4	4.2	2.6	2.0	1.8	2.0	0.0	0.2	1.8	1.6	
Camden	Ouachita	26	4.4	4.6	4.4	4.5	4.1	4.8	4.5	4.5	4.4	4.7	4.9	4.8	4.4	4.2	4.0	4.0	4.1	4.2	4.0	4.0	3.9	8.9	9.8	9.0	9.0	9.2	7.0	6.2	5.7	6.1	
Fulton	Red	28	7.5	7.3	6.8	6.7	6.5	6.3	6.2	6.1	6.1	7.6	8.0	7.5	7.0	6.6	6.2	6.0	5.9	6.0	5.9	5.9	5.9	5.9	7.4	9.3	8.8	8.4	7.9	7.9	7.6	7.1	
Helena	Mississippi	44	4.5	4.2	4.0	3.9	3 8	3.4	3.5	3.6	3.7	4.4	5.9	6.6	6.2	5.3	4.6	4.1	3.8	3.6	3.2	3.0	3.4	3.5	3.3	3.2	2 9	2.9	3.4	3.8	4.0	4.2	
Arkansas City	do	48	6.9	6.2	5.6	5.2	4 9	4.6	4.3	3.9	3.8	3.8	4.5	6.1	7.3	7.5	6.9	6.0	5.3	4.7	4.2	3.8	3.4	3.3	3.4	3.3	3.1	2.9	2.7	2.8	3.1	3.4	

Daily temperatures for November, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	82	81	67	60	55	50	56	66	64	60	65	77	58	78	61	60	67	67	68	79	73	66	60	55	63	63	70	75	78	75		66.5
	Minimum	55	53	57	50	50	46	41	31	31	31	31	39	41	40	40	32	32	41	34	38	44	35	37	41	30	29	34	39	48	58		40.3
Batesville §§	Maximum	79	78	59	50	52	49	53	56	55	54	70	72	52	70	49	55	63	63	73	77	70	63	54	48	60	58	69	71	76	78		62.5
	Minimum	48	48	52	46	45	44	41	23	24	21	22	32	40	34	29	22	22	34	26	31	33	30	36	38	27	26	27	42	51	40		34.5
Bee Branch	Maximum	78	76	68	57	53	51	55	59	59	56	70	69	71	73	66	57	65	66	72	78	75	65	58	49	60	60	69	79	75	77		65.5
	Minimum	52	57	50	46	46	42	43	26	35	25	37	38	39	42	33	27	36	45	32	41	55	35	36	43	27	43	33	40	61	50		40.5
Bentonville ***	Maximum	79	74	49	50	43	45	46	56	49	60	69	73	51	65	51	58	68	61	73	73	57	60	49	50	59	56	68	67	70	72		60.0
	Minimum	55	45	41	43	41	39	31	29	30	28	44	43	32	40	30	30	44	34	38	46	40	38	32	37	35	35	42	50	50	59		39.7
Blytheville	Maximum	79	78	60	53	52	51	56	54	65	..	..	..	..	..	..	..	..	..	70	76	73	61	55	52	62	56	66	72	73	76		63.8
	Minimum	55	60	53	50	50	44	44	27	34	..	..	..	..	..	..	..	..	..	43	40	55	35	42	41	29	42	33	43	56	54		44.3
Booneville	Maximum	75	72	60	56	56	48	47	57	57	59	73	80	70	76	67	59	70	68	77	79	70	66	58	57	69	58	65	71	74	72		65.5
	Minimum	55	60	53	48	48	44	39	27	32	27	41	38	41	33	35	33	41	38	30	40	49	34	36	42	30	40	34	44	64	58		41.1
Brinkley	Maximum	83	79	72	56	55	54	58	60	62	58	65	74	66	76	65	58	71	67	74	82	66	66	60	51	65	63	70	76	79	77		66.9
	Minimum	52	61	54	49	46	44	40	24	33	22	32	42	43	38	34	23	34	51	27	38	54	31	36	42	29	41	30	45	56	52		40.1
Calico Rock§§	Maximum	80	73	55	48	50	49	47	59	53	60	75	77	52	69	49	57	68	63	78	82	68	66	50	45	62	58	71	70	75	82		63.0
	Minimum	49	50	48	46	44	43	41	27	28	24	24	34	35	33	28	23	24	31	26	28	32	32	37	40	25	25	28	31	36	53		34.2
Camden§§	Maximum	81	77	72	69	68	67	64	61	67	61	58	74	63	77	61	61	77	67	75	80	82	72	67	59	64	67	71	79	79	78		69.9
	Minimum	51	52	57	52	51	48	47	29	32	29	31	41	44	37	33	28	29	43	32	37	45	32	34	37	29	31	30	31	51	48		39.0
Carthage §§	Maximum	77	82	64	55	57	50	57	58	64	59	66	72	55	77	56	57	73	66	70	79	77	67	60	55	61	63	69	74	78	76		65.8
	Minimum	49	51	56	49	50	46	46	28	28	27	28	40	43	34	35	27	29	48	29	35	42	32	33	36	28	29	30	36	51	52		38.2
Center Point	Maximum	79	82	75	62	56	56	59	62	67	64	68	75	68	80	73	58	68	74	75	79	75	69	65	63	65	65	71	76	79	81		69.6
	Minimum	58	60	57	51	50	46	45	30	35	33	39	42	47	38	43	36	45	51	35	43	59	32	36	44	30	41	32	50	61	61		44.3
Conway	Maximum	82	78	71	59	57	53	63	62	67	62	73	80	71	79	65	60	70	69	77	85	73	69	60	57	67	65	73	76	80	76		69.3
	Minimum	52	60	54	48	48	45	45	27	34	26	37	39	45	40	37	27	37	42	32	37	52	34	36	42	26	42	32	42	62	55		41.2
Corning	Maximum	79	76	66	50	49	49	53	56	53	53	74	74	65	67	54	54	61	62	73	76	70	64	58	46	60	55	65	72	75	76		62.8
	Minimum	50	53	47	45	47	38	38	23	32	21	37	35	36	36	28	21	33	37	28	36	55	32	40	39	26	40	29	37	58	57		37.8
Crossett §§	Maximum	82	79	68	62	56	54	62	61	68	70	71	72	61	77	60	70	75	70	74	81	83	71	68	61	64	68	71	77	79	..		69.5
	Minimum	56	62	60	54	53	48	47	31	34	30	37	48	46	36	38	30	36	42	33	41	52	39	38	40	34	34	41	46	53	54		43.1
Dardanelle	Maximum	78	76	69	57	54	50	47	61	53	55	61	76	67	75	68	56	64	67	67	71	71	64	56	50	56	56	64	67	70	72		63.3
	Minimum	53	61	53	48	50	44	42	28	34	27	40	41	43	37	35	29	38	40	30	37	52	35	38	42	31	41	35	39	61	59		41.4
Dumas	Maximum	79	76	69	58	57	55	60	62	60	60	65	74	60	79	59	58	75	68	74	83	82	70	65	66	68	67	75	77	78	80		68.6
	Minimum	53	62	57	40	49	47	46	28	32	27	38	40	43	39	34	26	36	53	31	41	60	38	35	36	35	34	35	48	54	53		41.7
Dutton	Maximum	76	75	58	53	49	46	46	53	53	53	54	63	67	65	53	53	61	70	74	73	65	59	53	49	53	57	64	64	65	70		59.8
	Minimum	52	45	48	40	38	36	35	20	35	20	25	29	41	37	27	20	40	42	44	43	33	27	23	24	21	25	29	44	59	60		35.4
El Dorado	Maximum	80	77	71	61	60	57	61	63	68	65	58	74	68	78	73	61	76	70	75	81	83	77	68	61	65	67	72	77	80	78		70.2
	Minimum	56	52	61	52	53	49	47	34	36	35	38	44	49	40	43	36	41	57	38	45	65	39	44	46	34	43	34	47	55	59		45.7
England	Maximum	81	78	69	58	57	..	58	59	63	58	64	75	..	..	..	63	75	..	75	80	71	65	55	52	64	68	..	..	..	79		66.7
	Minimum	52	62	55	49	48	..	45	29	35	26	37	38	..	..	..	27	..	..	32	41	57	38	58	41	30	36	..	..	..	47		41.1
Eureka Springs	Maximum	82	73	50	49	47	50	50	57	50	61	72	73	72	66	52	59	65	63	73	75	62	62	52	52	61	58	68	68	71	73		62.2
	Minimum	55	49	41	43	40	38	34	27	37	26	49	51	30	41	29	30	44	36	43	54	48	41	30	35	36	36	42	50	64	62		41.4
Fayetteville	Maximum	80	74	51	54	49	44	47	55	51	58	69	71	67	65	55	59	66	62	71	73	58	60	55	50	58	56	68	67	72	72		61 2
	Minimum	51	50	42	46	42	39	34	28	36	26	45	39	33	39	32	30	45	35	33	51	45	37	30	37	34	35	43	51	64	62		40.5
Fort Smith***	Maximum	78	77	58	57	54	47	51	60	57	64	70	76	61	72	60	57	69	67	74	74	65	65	49	56	64	60	71	74	74	76		64.6
	Minimum	58	53	53	49	47	44	40	32	39	32	44	43	41	39	40	36	43	45	37	44	46	38	39	41	35	40	39	49	63	61		43.7
Gravette	Maximum	79	74	49	51	49	45	44	55	54	59	59	71	67	65	57	58	68	66	70	73	61	60	59	49	59	55	67	68	74	71		61.2
	Minimum	53	45	39	43	38	36	31	24	35	24	34	36	29	35	30	31	42	33	32	39	43	32	30	34	30	33	37	50	62	58		37.3
Harrison	Maximum	75	69	60	52	50	49	46	58	49	61	67	74	67	65	55	54	62	62	72	77	67	60	55	49	62	55	69	67	70	80		61.9
	Minimum	49	52	43	44	42	39	37	25	37	24	44	36	32	39	29	26	42	36	30	49	49	36	31	39	28	37	34	40	62	58		39.0
Helena	Maximum	80	78	69	58	54	51	58	57	62	54	65	70	60	75	63	55	68	66	72	81	68	62	59	58	65	61	67	73	74	77		65 3
	Minimum	58	60	53	50	45	43	41	25	32	24	37	41	35	33	30	24	39	45	33	42	55	35	33	42	31	33	36	45	51	54		40.2
Highland	Maximum	83	80	78	74	57	51	63	60	69	60	67	76	68	77	73	72	70	73	71	72	79	66	66	61	62	67	70	75	79	77		69.9
	Minimum	57	56	59	52	49	46	47	31	40	34	43	49	46	41	38	35	39	41	45	49	52	37	41	45	34	38	40	50	61	59		45.2
Hope	Maximum	84	76	76	63	57	53	60	65	67	61	63	73	60	75	60	59	74	69	..	78	79	69	68	58	63	67	71	77	79	74		68.2
	Minimum	52	53	52	50	50	46	45	30	33	30	42	43	45	37	39	30	41	47	..	40	55	32	36	[illegible]	27	36	28	50	60	55		42.1
Hot Springs	Maximum	81	80	69	65	55	50	57	60	64	60	69	76	72	77	70	58	67	69	76	76	72	64	59	55	64	65	68	73	78	75		67 5
	Minimum	54	62	54	48	46	45	46	31	53	30	44	44	46	45	38	32	44	52	41	51	56	39	43	41	32	46	40	51	60	60		45.8
Jonesboro	Maximum	79	78	67	52	49	49	56	56	55	55	72	73	64	69	56	56	64	61	73	73	72	64	57	57	61	58	67	73	76	78		64.0
	Minimum	53	58	52	47	45	40	40	29	39	25	43	39	40	40	34	27	36	45	38	47	57	40	40	42	29	43	32	41	59	58		41 9
Lead Hill	Maximum	80	69	60	59	49	55	49	62	51	65	72	78	70	67	54	56	68	65	75	79	69	64	58	49	64	58	79	69	75	82		65.0
	Minimum	41	50	45	44	42	41	37	22	32	21	33	31	33	35	25	21	41	30	26	32	43	31	35	39	24	40	28	31	54	48		35.2
Little Rock.* **	Maximum	76	74	61	53	54	48	56	56	60	56	64	73	63	73	52	54	69	63	74	77	68	64	53	50	61	59	67	73	76	73		63.3
	Minimum	58	61	51	48	48	45	40	32	40	35	42	40	41	39	39	34	42	45	37	45	50	40	43	40	34	43	39	50	60	59		44.0
Lutherville	Maximum	78	77	68	57	54	49	55	58	60	60	68	72	69	73	62	54	65	70	69	77	69	62	58	55	61	61	70	68	73	78		65 0
	Minimum	55	61	50	46	46	41	40	26	38	27	39	42	38	38	35	34	38	39	37	45	49	36	35	42	30	41	32	46	63	58		41.6
Magnolia	Maximum	80	78	71	61	57	55	62	62	69	83	62	74	71	78	71	60	70	77	74	80	82	71	70	68	65	70	73	79	80	81		71.1
	Minimum	56	62	59	53	53	48	47	31	34	34	44	45	45	38	43	35	46	58	35	40	66	34	37	35	30	32	24	52	54	53		44.4
Malvern	Maximum	82	79	74	59	57	52	61	60	66	61	62	75	68	81	73	60	74	68	75	80	73	65	59	56	63	65	69	76	78	75		68.2
	Minimum	51	60	55	48	51	47	46	23	31	27	32	41	49	35	33	27	35	53	30	38	57	33	38	43	29	34	29	42	58	55		41.0
Mammoth Spring	Maximum	82	80	74	49	48	47	45	48	46	55	73	76	68	71	53	55	65	68	75	78	73	64	63	47	54	61	65	68	73	79		63.5
	Minimum	52	54	46	44	43	41	40	23	28	21	30	32	34	32	32	21	38	25	27	33	50	52	42	40	27	30	28	34	52	54		36.8
Marianna	Maximum	78	76	73	65	61	55	57	56	60	55	67	72	68	73	69	55	70	66	72	80	73	63	59	54	59	61	68	74	75	76		66.5
	Minimum	53	60	55	50	44	44	41	29	37	26	36	44	43	40	33	25	35	34	33	33	58	36	40	44	31	37	38	46	53	53		41.0
Marked Tree§§	Maximum	80	78	59	59	50	48	55	55	57	44	60	48	43	46	42	55	66	62	72	78	73	64	64	..	..	..	67	72	74	78		61.1
	Minimum	52	52	53	49	49	40	40	26	27	23	24	37	40	35	30	22	23	43	29	31	39	34	36	40	29	29	30	43	45	54		36.8
Marshall	Maximum	74	74	62	59	47	48	48	52	52	57	74	74	70	65	57	52	63	63	75	73	69	61	58	[illegible]	54	55	66	66	69	73		61.9
	Minimum	50	55	44	43	40	39	39	23	32	22	43	34	34	36	27	23	41	51	27	40	49	46	31	34	28	35	33	49	61	59		38.9
Mena	Maximun.	78	77	67	55	54	46	51	58	60	60	68	74	69	76	61	49	64	65	65	70	62	63	60	54	63	61	67	71	73	73		63.8
	Minimum	53	57	53	49	44	42	40	28	35	29	41	45	43	38	39	30	39	40	36	51	50	37	35	39	30	43	39	52	61	59		42.6
Morrilton §§	Maximum	75	73	56	53	52	47	55	58	59	57	67	73	52	71	52	53	66	62	71	76	65	60	50	49	61	59	67	69	75	72		61.8
	Minimum	54	54	53	47	47	45	45	30	31	29	31	40	42	42	36	33	34	45	35	38	40	36	38	40	28	28	34	36	49	56		39.9
Mountain Home	Maximum	80	72	67	53	49	47	49	60	52	63	75	77	70	68	55	59	68	64	78	80	66	65	56	46	63	59	71	69	72	80		64.4
	Minimum	50	54	44	41	41	40	37	25	36	22	36	35	33	37	28	23	36	35	30	38	47	34	36	34	25	39	31	40	60	55		37.4
Mount Ida	Maximum	79	80	70	59	57	49	57	59	65	61	71	77	68	81	65	58	66	69	77	78	72	65	59	58	64	64	69	74	77	78		67.5
	Minimum	45	52	53	48	47	44	40	23	27	23	31	37	45	32	29	24	33	39	26	35	52	29	32	31	22	34	26	48	61	59		37.6
Newport	Maximum	81	80	66	55	52	51	54	57	56	56	71	69	64	71	62	57	60	62	73	79	72	69	57	48	62	60	67	74	77	78		64.7
	Minimum	52	57	51	47	45	44	42	26	33	23	41	48	39	37	34	25	35	44	29	38	57	34	38	42	29	39	32	44	51	54		40.3
Ozark§§	Maximum	79	75	81	55	50	48	52	57	60	56	66	71	52	72	56	55	68	64	69	76	66	64	49	55	59	60	71	70	75	79		63.7
	Minimum	55	56	52	49	49	44	40	29	29	28	29	38	41	34	35	32	35	39	32	39	38	35	34	35	32	32	32	33	45	45		38.2
Pine Bluff	Maximum	81	76	71	59	57	54	59	62	66	61	58	74	63	80	64	59	60	66	75	80	76	68	57	54	65	64	70	76	80	80		67.2
	Minimum	55	64	57	50	50	47	47	31	39	31	43	44	44	43	42	32	43	47	35	49	58	38	41	44	33	43	37	50	58	59		45.1
Pocahontas	Maximum	82	79	77	55	50	50	54	54	54	51	76	74	68	68	58	53	61	62	75	77	70	66	62	49	60	57	66	69	76	77		64.3
	Minimum	51	55	46	43	42	39	39	24	32	21	32	35	35	34	29	22	30	38	26	34	52	35	39	39	25	41	27	36	57	54		37.1
Portland	Maximum	80	75	68	63	58	56	60	58	66	60	67	70	62	73	70	59	74	66	71	83	82	70	65	61	68	66	71	79	81	83		68.8
	Minimum	55	61	61	54	48	48	46	30	32	28	35	39	48	33	37	30	36	55	30	38	64	38	40	48	33	42	30	46	49	49		42.8
Prescott	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		70.0
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		43.7
Rison	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		69.5
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		42.9
Searcy	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		65.0
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		39.4
Stuttgart	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		66.8
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		42.8
Texarkana	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		69.5
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		42.8
Thornburg	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		64.9
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		37.6
Warren	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		67.4
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		45.0
Wilson	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		63.9
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		38.3
Wynne	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		61.5
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		38.7

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark.—12-21-33-10

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

JUN 28 1934

H. S. COLE

ol. XXXVIII Little Rock, Ark., December, 1933 No. 12

GENERAL SUMMARY

Although maximum temperatures during December 1933 were not unusually high, the mean temperature for the State was the highest on record surpassing the correspondingly warm months of 1923 and 1931 by 0.2° and 0.6°, respectively. Temperatures were from 10° to 20° above normal the first five days of the month and again from the 14th to the 18th and were from 10° to 15° above normal from the 22d to the 24th and on the 31st, while they were considerably below normal from the 26th to the 28th, when the coldest weather of the month occurred in most sections. The average temperature for the State, based on the reports of 62 stations, was 49.3° which is 6.5° above the mean for the past 43 years. all stations for which normals have been computed having positive departures. Monthly means ranged from 42.9° at Dutton to 56.8° El Dorado with two stations in the extreme southern part of the State having departures of 10° above normal. The highest temperature recorded was 83° at Camden on the 5th; the lowest, 11°, at Osceola on the 27th. The greatest daily range was 50° at Lead Hill on the 4th.

Rainfall was moderate to heavy on either the 2d or 3d and on the 5th or 6th and excessive in many sections from the 15th to the 19th, some stations in southeastern and east-central portions receiving over 8.00 inches during this latter period. After the 19th rainfall was generally light to moderate except in the southwestern portion where over an inch occurred at a few stations on the 30th or 31st. Four stations in the northwestern portion of the State reported a measurable amount of snow, the greatest depth being 2.5 inches at Rogers and Bentonville, while the average depth for the State was only 0.1 inch. The average precipitation for the State for the 90 stations reporting was 5.41 inches which is 1.11 inches above the mean for the past 43 years. Monthly totals ranged from 1.80 inches at Gravette to 12.01 inches at Clarendon. Eight stations had monthly amounts of over 10.00 inches while four stations in the extreme northwestern portion had less than 2.00 inches. The greatest amount measured in any 24-hour period was 4.80 inches at Rison on the 18th. The average number of days with 0.01 inch or more rainfall was 7 while 11 stations had ten or more rainy days. No flood stages were recorded.

The warm weather of the month was favorable for out-door activities except from the 15th to the 19th when heavy to excessive rains occurred in eastern and southern portions. Considerable plowing has been done and oats, wheat, pastures, and other winter crops have grown under favorable conditions. The freezing temperatures of the 7th and 8th brought killing frost to extreme southern portions of the State for the first time this fall. The weather was too warm for fruit. T.A.M.

Tornado:--Three miles east of Crossett, 5th, 6:30 p.m., from sw, path 300 to 1200 feet wide and 6 miles long, 5 people injured, one seriously, property damage $8,000.

Damage from Lightning:--Texarkana, 2d, $1,000 damage to courthouse during heavy rain.

Heavy Hail:--Okay, 5th, no damage; Carthage, 6th, no damage; Grannis, 19th, slight damage to winter truck crops.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	7				1			1			2	4	15	19	2	2	1		3		2		4		1		1			3	
Light Hail		1			1	2											1														
Moderate Hail																															
Sleet						4						1							2						4	1					
Thunderstorms		14			11	5									9	12	19	6	3												

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 05	30.52	9	29.70	23	7.4	22	sw	14	....	....	....	64
Fort Smith	30.07	30.59	29	29.74	14	9.0	22	s	14	78	58	59	49
Little Rock	30.10	30.63	29	29.71	5	9.0	25	sw	10	79	67	67	40
Memphis	30.11	30.63	29	29.76	5	8.9	23	n	6	82	70	71	41

COMPARATIVE DATA FOR DECEMBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	+4.1	72	13	4.69	+0.39	7 50	1.48	......	7	14	7	10
1892	40.9	-1.9	83	-10	8.79	+4.49	16.44	3.17	0.7	10	7	6	18
1893	45.4	+2.6	79	3	1.83	-2.47	3.48	0.65	T.	5	14	8	9
1894	44.6	+1.8	82	-11	3.48	-0.82	7.15	1.45	1.3	6	14	6	11
1895	43.8	+1.0	78	5	3.96	-0.34	10.04	1.10	1.4	7	13	6	12
1896	45.8	+3.0	81	8	0.84	-3.46	2.75	0.15	T.	8	8	7	16
1897	40.3	-2.5	81	10	6.00	+1.70	9.12	2.74	2.2	8	10	5	16
1898	39.5	-3.3	76	-4	1.87	-2.43	3.68	0.56	2.9	5	16	6	9
1899	41.0	-1.8	74	8	4.08	-0.22	6.46	1.20	1.3	7	15	7	9
1900	44.9	+2.1	82	10	2.76	-1.54	8.28	0.46	T.	5	16	6	9
1901	38.5	-4.3	87	-6	4.42	+0.12	6.26	0.99	1.3	6	12	6	13
1902	40 8	-2.0	75	5	5.71	+1.41	10.20	2.80	3.3	8	10	6	15
1903	39.7	-3.1	74	6	3.44	-0.86	6.58	1.08	0.7	6	18	5	8
1904	42.9	+0.1	80	3	5.10	+0.80	10 93	0.55	0.6	7	12	7	12
1905	38.5	-4.3	69	7	4.96	+0.66	7.80	1.70	1.4	9	14	5	12
1906	46.5	+3.7	83	10	5.64	+1.34	9.76	1.15	0.2	8	8	7	16
1907	44.4	+1.6	85	11	2.70	-1.60	4.62	1.35	0 7	7	12	6	13
1908	46.0	+3.2	82	11	1.50	-2.80	5.30	0.09	0.2	5	13	7	11
1909	35.3	-7.5	82	1	5.26	+0.96	9.35	1.93	3 2	9	14	6	11
1910	40.8	-2.0	75	9	3.57	-0.73	6.00	0.59	0.8	6	13	6	12
1911	43.0	+0.2	78	3	7.00	+2.70	15.51	2.38	1.0	12	10	7	14
1912	41.7	-1.1	76	8	2.63	-1.67	6.49	0.05	1.2	7	14	7	10
1913	43.6	+0.8	77	14	3.26	-1.04	5.89	1.63	2.3	9	7	7	17
1914	36.1	-6.7	70	-11	6.26	+1.96	9.48	2.60	4.3	12	8	4	19
1915	43.9	+1.1	78	11	4.73	+0.43	9.60	1.97	0.3	7	12	4	15
1916	42.1	-0.7	82	-16	3.35	-0.95	7.13	0.90	4.5	6	14	6	11
1917	34.8	-8.0	81	-21	1.29	-3.01	2.75	0.20	6.2	3	13	6	12
1918	47.6	+4.8	88	9	5.62	+1.32	12.90	1.68	0.2	7	14	5	12
1919	40.4	-2.4	78	1	1.94	-2.36	6.94	0.06	T.	5	13	4	14
1920	43.2	+0.4	74	6	5.95	+1.65	9.19	2.14	0.4	8	13	5	13
1921	47.1	+4.3	82	11	2.78	-1.52	5.16	1.35	T	6	13	6	12
1922	47.8	+5.0	86	12	4.59	+0.29	8.28	1.00	T.	9	12	5	14
1923	49.1	+6.3	80	9	6.24	+1.94	11.80	3.38	T.	13	9	5	17
1924	41.4	-1.4	86	-8	3.65	-0.65	5.85	1.00	0.3	6	14	5	12
1925	40.2	-2.6	81	-6	1.71	-2.59	5.10	0.13	0.3	3	15	5	11
1926	43.3	+0.5	79	-3	7.15	+2 85	12.43	2.53	2.1	10	11	4	16
1927	40.9	-1.9	84	-2	4.18	-0.12	10.42	1.18	0.1	6	14	5	12
1928	43.4	+0.6	87	10	4.41	+0.11	8.34	1.67	T.	6	18	5	8
1929	44.4	+1.6	82	-5	3.84	-0.46	5.88	1.51	2.7	8	13	5	13
1930	40.6	-2 2	83	9	2.58	-1.72	5.31	0.95	0 9	6	15	5	11
1931	48.7	+5.9	78	17	7.79	+3.49	23.86	0.52	T.	14	9	5	17
1932	39.9	-2.9	79	-5	7.86	+3 56	13.57	3.97	3.6	12	11	4	16
1933	49.3	+6.5	83	11	5.41	+1.11	12.01	1 80	0.1	7	12	5	14
Period	42.8	....	88	-21	4.30	......	23.86	0.05	1.3	7	12	6	13

Daily River Stages for December, 1933

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4 8	4.8	4.8	4.8	4.6	4.6	4.6	5.5	5.7	6.0	8.0	9.0	9.4	8.4	7.5	7.0	6.8	6.0	5.8	5.6
Ozark	do	22	0.9	0.8	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0 7	0.6	0 5	0.4	0.4	0.3	0.3	0.2	2.7	2.8	2.4	5.0	5.5	5.6	4.7	3.8	3.3	2.9	2.4	2.1
Dardanelle	do	22	4.2	4.2	4.4	4.5	4.4	4.4	4 3	4.2	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.7	4.2	6.4	6.9	7.2	7.0	6.6	6.3	8.1	8.5	8.2	7.3	6.7	6.3	5.8	5.5
Morrilton	do	20	-0.2	-0.3	-0.3	0.0	0 1	0.0	-0.1	-0.3	-0.3	-0.3	-0.4	-0.5	-0.6	-0.7	-0.8	-0.8	-0.6	2.0	3.2	4.8	4.6	4.3	3.7	3.4	5.5	5.5	4.7	3.5	2.8	2.3	1.8
Little Rock	do	23	0 3	0.1	0.1	0.0	0 3	0.5	0.4	0.3	0.1	0.0	0.0	0.0	-0.2	-0.3	-0.4	-0.4	-0.4	1.9	3.9	5.2	6.3	5 8	5.1	4.4	4 8	5.6	5.5	4.7	3.7	3.0	2.5
Pine Bluff	do	25	4.8	4.8	4.7	4.6	4 6	5.2	4.9	4 8	4.2	4 1	4.1	4.1	4 1	4 1	4.0	4.0	4.1	4.4	6.4	8.7	9.7	10.3	10.0	9.7	9.4	9.2	9.7	9.7	9.5	8.0	7.1
Danville	Petit Jean	20	2.5	2.5	2.5	2.4	2.8	4.2	4.0	3.4	3.1	3.0	2.8	2.5	2.4	2.4	2.4	2.4	5.9	7.2	19.0	18.2	14.7	10.5	9.9	7.0	6.8	6.6	5.1	4.8	4.5	4.2	3.8

Climatological Data for December, 1933

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	38	49.1	+6.1	80	5	20	27†	42	4.18	+0.13	1.04	0.0	7	7	11	13	......	J. W. Campbell
Arkadelphia	Clark	250	38	......	......	......	......	......	......	......	5.71	+0.83	1.59	0.0	9	11	2	18	ne.	W. K. Bown
Arkansas City	Desha	145	49	......	......	......	......	......	......	......	7.62	+2.62	1.97	0.0	7	12	3	16	......	Herbert Neff
Arlberg	Stone	700	11	......	......	......	......	......	......	......	3.51	−1.01	1.78	0.0	8	..	..	..	......	J. D. Reeves
Batesville	Independence	277	34	43.5	+3.3	74	15	14	28	44	3.37	−0.32	0.89	0.0	9	12	1	18	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	41	48.0	+6.0	74	4	16	27	37	4.84	+0.96	2.40	0.0	9	12	3	16	s.	J. E. Scanlan
Bentonville	Benton	1303	28	45.3	+7.3	73	1†	16	26†	32	2.20	−0.17	1.51	2.5	8	12	7	12	sw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	3	......	......	......	......	......	......	......	5.69	......	2.04	0.0	6	15	2	14	......	C. J. Brooks
Black Rock	Lawrence	259	32	......	......	......	......	......	......	......	3.46	−0.26	0.82	0.0	10	16	0	15	s.	Vernon C. Howe
Blytheville	Mississippi	252	8	47.8	......	73	4	14	27	31	5.08	......	1.53	0.0	8	13	5	13	sw	Samuel Norris
Booneville	Logan	465	19	50.0	+6.2	79	5	20	27	41	5.32	+2.16	3.17	0.0	6	16	7	8	e.	F. H. Randolph
Brinkley	Monroe	205	46	50.4	+6.8	79	4	15	27	42	11.11	+6.25	3.12	0.0	9	10	6	15	ne.	R. J. Torry
Calico Rock	Izard	361	29	44.2	+5.1	77	4†	16	27†	46	3.65	+0.43	1.90	0.0	6	13	5	13	sw.	E. R. Wiseman
Camden	Ouachita	158	48	52.2	+7.2	83	5	22	27†	47	8.86	+4.18	2.00	0.0	7	8	6	17	s.	J. M. Knight
Carthage	Dallas	....	28	49.2	......	79	5	19	28	43	8.80	+3.60	2.10	0.0	8	12	9	10	s.	P. K. Wylie
Center Point	Howard	470	34	53.4	+8.5	79	4	21	27	39	4.44	+0.06	1.30	0.0	10	12	3	16	s.	John C. Floyd
Clarendon	Monroe	172	29	......	......	......	......	......	......	......	12.01	+7.01	3.30	0.0	12	8	4	19	ne.	J. W. Bishop
Clinton	Van Buren	516	12	......	......	......	......	......	......	......	4.00	−0.30	1.53	0.0	9	12	4	15	sw.	A. L. Stephens
Conway	Faulkner	309	50	50.1	+7.6	79	4†	17	27	42	5.63	+1.57	2.66	0.0	8	14	2	15	e.	E. E. Cordrey
Corning	Clay	293	40	46.5	+6.7	74	4†	13	27	40	2.09	−1.52	1.00	0.0	6	16	4	11	s.	Winfred D. Polk
Cotter	Baxter	408	6	......	......	......	......	......	......	......	2.26	......	0.85	0.0	5	9	7	15	nw.	O. B. McSpadden
Crossett	Ashley	175	21	53.2^{d}	......	80^{c}	2†	22^{d}	27	39^{e}	5.92	+1.70	1.94	0.0	7	10	3	18	s.	G. A. Gifford
Danville	Yell	327	17	......	......	......	......	......	......	......	5.22	+1.92	2.60	0.0	7	15	6	10	w.	J. M. Patterson
Dardanelle	Yell	330	47	*48.8*	+6.0	75	4	19	27	39	4.28	+0.99	2.50	0.0	8	8	8	15	n.	Geo. N. Goodier
De Valls Bluff	Prairie	153	6	......	......	......	......	......	......	......	9.42	......	3.15	0.0	6	..	..	..	......	H. G. Pate
Dumas	Desha	162	28	54.3	+7.7	82	4	20	27	38	7.56	+1.93	2.20	0.0	10	7	13	11	s.	Ben Johnson
Dutton	Madison	1590	30	42.9	+5.7	72	1	12	27†	46	2.71	−0.97	0.92	1.0	4	15	7	9	n.	J. M. Ricketts
El Dorado	Union	270	33	56.8	+10.4	79	4†	24	27	39	7.55	+1.94	2.70	0.0	8	9	8	14	sw.	J. I. Babb
England	Lonoke	229	26	50.5^{c}	+6.5	78^{c}	5	19^{c}	27	42^{c}	6.81	+2.16	2.15	0.0	8	11^{c}	2^{c}	15^{c}	......	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	33	47.3	+7.7	76	4	14	27	32	2.86	+0.03	1.15	T.	5	15	7	9	n.	Geo. W. Nichoalds
Fayetteville	Washington	1451	46	47.2	+7.6	73	4	17	27	37	1.94	−0.81	0.79	T.	6	14	8	9	sw.	University of Arkansas
Fort Smith	Sebastian	457	52	48.4	+6.3	73	4	21	27	33	1.92	−0.84	0.75	0.0	7	12	10	9	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	9	......	......	......	......	......	......	......	4.71	......	2.03	2.0	8	14	4	14	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	48	......	......	......	......	......	......	......	6.03	+2.38	1.58	0.0	8	11	2	18	......	T. J. Logan
Georgetown	White	200	21	......	......	......	......	......	......	......	7.30	+3.06	2.45	0.0	6	8	6	17	......	Mrs. W. R. Owens
Gilbert	Searcy	675	9	......	......	......	......	......	......	......	......	......	....	....	..	..	..	..	......	
Grannis	Polk	900	14	52.4	+7.6	80	5	20	27	46	5.65	+1.03	1.75	0.0	10	9	15	7	n.	W. E. McVay
Gravette	Benton	1250	36	45.6	+7.7	73	4	15	27	35	1.80	−0.54	1.20	T.	5	11	9	11	s.	A. F. Stevens
Harrison	Boone	1052	33	45.6	+7.5	73	1†	15	27	37	2.00	−0.61	0.72	0.0	7	19	3	9	sw.	Louis R. Keck
Helena	Phillips	250	61	50.9	+6.4	75	1†	16	27	35	8.33	+3.37	2.21	0.0	9	6	8	17	s.	James A. Burnett
Higden	Cleburne	445	14	......	......	......	......	......	......	......	4.15	+0.30	3.25	0.0	4	13	6	12	n.	Trumon Brown
Highland	Pike	....	14	52.0	......	78	4	22	27	42	3.14	−0.18	0.91	0.0	6	10	10	11	s.	J. O. Cooley
Hope	Hempstead	377	63	53.5	+6.5	81	5†	21	27	48	6.19	+1.78	1.68	0.0	9	14	4	13	sw.	N. P. O'Neal
Hot Springs	Garland	600	42	48.3	+4.3	70	1	17	27	26	3.68	−0.71	1.71	0.0	5	7	13	11	......	National Park Service
Index	Little River	275	8	......	......	......	......	......	......	......	4.95	......	1.30	0.0	9	14	1	16	......	H. C. Sanderson
Jessieville	Garland	750	7	......	......	......	......	......	......	......	2.89	......	1.01	0.0	5	5	15	11	sw.	U. S. Forest Service
Jonesboro	Craighead	345	38	48.1	+6.8	77	4	13	27	36	4.96	+0.59	1.81	0.0	10	14	6	11	nw.	Benedictine Sisters
Lead Hill	Boone	650	27	45.2	+5.4	80	4	14	28	50	1.87	−1.30	0.71	0.0	6	19	2	10	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	48.8	+4.6	75	5	18	27	31	3.52	−0.62	1.47	0.0	8	7	7	17	sw.	U. S. Weather Bureau
Lurton	Newton	2100	7	......	......	......	......	......	......	......	......	......	....	....	..	..	..	..	......	Miss Mary Sutton
Lutherville‡‡	Johnson	775	34	48.3	+7.1	75	4	15	27	33	4.64	+0.74	2.38	0.0	4	16	1	14	ne.	H. G. Lennardt
Madison	St. Francis	....	3	......	......	......	......	......	......	......	11.48	......	3.80	0.0	9	12	0	19	......	J. W. Eppes
Magnolia	Columbia	315	17	56.5	+8.1	81	1†	24	27	40	6.14	+1.33	1.97	0.0	9	10	10	11	sw.	State Agri. School
Malvern	Hot Springs	277	47	51.2	+7.8	77	5	19	27	41	4.01	−0.75	1.05	0.0	9	11	5	15	s.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	29	45.6	+6.4	78	15	15	27	43	4.08	+0.80	1.67	0.0	4	14	8	9	se.	S. F. Whittaker
Marianna	Lee	235	21	51.6	+8.4	74	15	20	27	38	11.48	+7.23	3.22	0.0	9	7	9	15	ne.	C. N. Houck
Marked Tree	Poinsett	229	28	46.6	+5.4	77	17	14	27†	47	6.73	+2.31	2.32	0.0	8	6	13	12	n.	Charles Walton
Marshall	Searcy	1070	19	45.4	+2.1	72	1	13	27	35	3.22	−0.49	1.60	0.0	5	15	2	14	s.	A. J. Parks
Mena	Polk	1185	45	50.0	+7.4	74	4†	19	27	32	2.83	−0.98	1.10	0.0	8	11	5	15	n	E. W. St. John
Morrilton	Conway	347	14	45.2	......	73	4	19	28	36	4.45	+1.04	1.20	0.0	10	10	6	15	n.	Miss Ruby Cook
Mountain Home	Baxter	800	21	46.0	+5.6	77	4	14	27	44	2.60	−1.10	0.88	0.0	5	11	4	16	s.	B. S. Halbert
Mount Ida	Montgomery	650	34	50.0	+7.2	77	5	18	7	48	3.60	−0.42	1.10	0.0	6	14	2	15	w.	G. A. Whittington
Newport	Jackson	231	50	47.9	+7.7	74	15	17	27	33	4.81	+0.75	1.80	0.0	10	9	11	11	s.	J. D. Henderson
Norman	Montgomery	750	5	......	......	......	......	......	......	......	3.11	......	0.69	0.0	10	7	3	21	......	U. S. Forest Service
Oden	Montgomery	800	7	......	......	......	......	......	......	......	3.48	......	1.78	0.0	7	8	10	13	sw.	U. S. Forest Service
Okay	Howard	288	4	52.4	......	81	4	22	27	47	4.37	......	2.40	0.0	6	14	4	13	s	Charles R. Jackson
Osceola	Mississippi	240	37	49.8	+6.9	75	4	11	27	35	6.18	+1.90	1.80	0.0	7	11	5	15	s.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	38	46.2	+5.0	72	1	20	27†	38	2.95	−0.54	1.01	0.0	6	14	2	15	se.	Orkney O. Milton
Paragould	Greene	301	10	......	......	......	......	......	......	......	5.78	......	1.88	0.0	8	11	7	13	ne.	W. R. Heagler
Parkin	Cross	....	2	......	......	......	......	......	......	......	8.83	......	3.00	0.0	6	16	0	15	......	Carroll King
Patterson	Woodruff	196	17	......	......	......	......	......	......	......	10.76	+6.62	3.95	0.0	7	9	3	19	n	W. E. Baker
Piggott	Clay	307	9	......	......	......	......	......	......	......	4.10	......	1.70	0.0	13	11	8	12	sw.	V. C. Wright
Pine Bluff	Jefferson	215	46	53.0	+8.1	81	5	21	27	38	10.40	+5.33	2.28	0.0	6	9	4	18	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	40	45.8	+5.7	75	15	12	27	37	3.35	−0.35	1.10	0.0	9	9	4	18	sw.	Benedictine Sisters
Portland	Ashley	122	27	56.2	+8.7	82	4†	21	27	44	5.75	+0.16	2.06	0.0	7	8	8	15	n.	W. E. Edmiston
Prescott	Nevada	329	45	53.6	+8.0	81	5	21	27	43	6.52	+2.16	1.45	0.0	9	10	4	17	s.	Craig Williams
Rison	Cleveland	243	33	53.6	+7.5	81	4†	18	27	43	10.17	+5.80	4.80	0.0	7	13	6	12	s.	Mrs. M. V Tisdale
Rogers (near)	Benton	1385	42	46.0	+7.2	76	4	15	27	42	2.53	+0.11	1.07	2.5	6	16	3	12	nw.	Carl A. Starck
St. Charles	Arkansas	175	3	......	......	......	......	......	......	......	......	......	....	....	..	..	..	.	......	
St. Francis	Clay	290	6	......	......	......	......	......	......	......	4.68	......	1.84	0.0	9	16	4	11	......	S. T. Rooney
Searcy	White	236	23	47.7	+4.9	75	4	16	27	40	6.37	+2.26	2.80	0.0	8	13	1	17	ne.	Arthur D. Smith
Story	Montgomery	700	9	......	......	......	......	......	......	......	3.82	......	1.60	0.0	6	14	2	15	s.	S. C. Story
Stuttgart	Arkansas	209	46	52.4	+8.6	80	5	18	27	36	10.74	+5.97	4.00	0.0	8	9	8	14	sw.	Mrs. Kress Swim
Subiaco	Logan	1050	36	48.9	+6.3	78	4	18	27	39	5.21	+2.02	2.53	0.0	6	16	4	11	ne.	New Subiaco Abbey
Sunset	Washington	....	2	47.2	......	71	4†	15	27	29	2.64	......	0.75	0.5	9	16	6	9	sw.	Walter James
Texarkana	Miller	332	48	53.6	+6.8	80	5	21	27	45	6.94	+3.19	2.30	0.0	7	18	1	12	n.	H. S. Brashear
Thornburg	Perry	650	13	47.8^{a}	......	80^{a}	4	15^{a}	28	45^{a}	5.71	+1.92	3.16	0.0	11	13	4	14	s.	Edward E. Holmes
Waldron	Scott	675	14	......	......	......	......	......	......	......	3.27	−0.27	1.81	0.0	5	13	2	16	ne.	Dr. Cheves Bevill
Warren	Bradley	206	39	54.9	+10.1	80	4†	21	27	37	9.01	+3.79	3.10	0.0	8	12	5	14	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	9	......	......	......	......	......	......	......	2.83	......	...	0.0	6	14	4	13	e.	J. R. Huddleston
Wilson	Mississippi	237	8	48.0^{b}	......	77^{b}	4	14^{b}	27	45^{b}	7.62	......	2.15	0.0	7	15^{b}	2^{b}	12^{b}	s	D. O. Anderson
Wynne	Cross	250	25	48.0	+5.6	75	4	12	28	35	9.43	+4.68	2.05	0.0	7	7	10	14	n.	R. T. Cobbs
Yancopin	Desha	167	9	......	......	......	......	......	......	......	8.95	......	2.09	0.0	9	11	1	19	......	W. E. Barton
State Means				49.3	+6.5	83	5	11	27	50	5.41	+1.11	4.80	0.1	7	12	5	14	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for December, 1933

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
nity	Ouachita		.32	.39			.62											.56	1.04	.30												.95	4.18
kadelphia.	Ouachita	T.	.49	.55			1.59					T.				.03	.39	.57	1.11	.32							T.					.66	5.71
kansas City	Mississippi			1.97			1.73	.55					T.		T.		T.	.40	1.10	1.63												.24	7.62
lberg.	White		.71															1.78	1.02														3.51
tesville.	White		T.	.36			.07							T.	T.	.02	.07	.89	.81	.74	.15						.26					T	3.37
e Branch.	Arkansas		.74			T.	.08									.46		2.40	.26	.70	.04					.12						.04	4.84
ntonville ***	Arkansas		.12			.01											.03	.18	1.47	.29						.05					.05		2.20
g Lake Outlet	St. Francis			.43			.52							T.			.54	.92	2.04	1.24	T.						T.						5.69
ack Rock	White	.04		.58			.02								.03	T.	.06	.82	.76	.79	.14				T.		.22						3.46
ytheville	St. Francis			.28			.43								T.		.68	1.02	1.53	1.02	.08						.04						5.08
oneville	Arkansas		1.05															3.17	.56	.50										.02	.02		5.32
inkley	White			1.26			1.72								.06		1.24	1.21	3.12	2.42	.02						.06						11.11
lico Rock	White		.45	.25	T.										T.	T.		1.90	.25	.70	.10	T.	T				T.						3.65
mden	Ouachita			1.70			.91										2.00	.88	1.76	.66												.95	8.86
rthage	Ouachita		.46	.90			1.01										2.10	1.24	2.05	.70												.34	8.80
nter Point	Red		.73			1.30	.24									.04	.25	.78	.22	.04											.41	.43	4.44
arendon	White			1.24			1.62	.14						T.	.01		1.82	.93	3.30	2.81	.04				.01		.08					.01	12.01
inton	White		1.04			.03								T.	.06			1.53	.44	.76	.02					.10						.02	4.00
nway.	Arkansas		.76				1.02									.04	.15	2.66	.34	.58						.08							5.63
rning	White	.15					.08							.05				1.00		.50							.31						2.09
tter.	White		.65												T.			.56	.10	.85	.10						T.						2.26
ossett	Ouachita			1.38			1.94										.45	.13	1.12	.68							T.					.22	5.92
nville.	Arkansas		.40	.30			.10											2.60	.50	1.10	.22												5.22
rdanelle	Arkansas		.36	.23			T.											2.50	.52	.42	.14						.05				T.	.06	4.28
e Valls Bluff	White			.95			1.02										.75	1.75	3.15	1.80						T.							9.42
mas.	Mississippi		.64	.65		T.	1.90									.05	.83	.80	2.20	.40	T.					T					.04	.05	7.56
tton	White		.92															.53	.63	.63						T.							2.71
Dorado	Ouachita		.04	2.06			.90										.41	.30	2.70	.24										T		.90	7.55
gland	Arkansas		1.00			.15	.43									.74	.73	1.10	2.15	.51													6.81
reka Springs	White		.30															.51	.78	1.15						.12							2.86
yetteville	White		.27										T.					.20	.59	.79	T.					.08					.01		1.94
rt Smith ***	Arkansas		.50														.21	.21	.75	.10						T				.06	.09		1.92
eeman Sprgs.	Arkansas		.97	.12												.02		2.03	.33	.96	.25						.03						4.71
lton	Red		.62	1.16			.82										.65	.43	.62	T.										T.	.15	1.58	6.03
orgetown	White		T.	1.20			1.15							T.	T.		.20	.40	2.45	1.90	T.						T.						7.30
lbert	White																																
annis	Red		1.70			.35	.10										.04	1.75	.75	.05										.15	.66	.10	5.65
avette	Arkansas		.01			.06													.50	1.20						T.	.03				T.		1.80
rrison	White		.51										.05		.01				.65	.72	.01					.05							2.00
lena	Mississippi			1.71			.55	.04									1.50	.50	2.21	1.63							.12					.07	8.33
gden	White		.53																3.25	.27						.10							4.15
ghland	Ouachita		.65														.81	.24	.50	.03											.91		3.14
pe	Red		1.68			.50	.46									.50	1.15	.25	.60	.05						T.	T.				1.00		6.19
t Springs	Ouachita		1.18															.21	1.71	.30												.28	3.68
dex	Red		1.20	.51			.94										.13	.18	.52	.05											.12	1.30	4.95
ssieville	Ouachita		T.	.73			.33										T.	.17	1.01	.65	T.					T.	T.						2.89
nesboro	White		T.	.58			.52							T.	.02	T.	.10	.47	1.81	1.22	.14				T.		.07					.03	4.96
ad Hill	White	T.	.58												T.			.28	.27	.71						.02					.01		1.87
ttle Rock.* **	Arkansas		.74			.48	T.						T	T.	T.	.08	.31	1.26	.56	T.				T.		.01				T.	.08	T.	3.52
rton	White																																
therville	Arkansas		.82															2.38	.80	.64													4.64
dison	St. Francis			1.12			1.80								.03	T.	1.75	1.12	3.80	1.78							.06					.02	11.48
gnolia	Red		.75	.14			.40									.71	1.97	1.02	.07												.14	.94	6.14
lvern	Ouachita		.51	.40			.53									.05	.12	.65	1.05	.35												.35	4.01
mmoth Spg.	White	T.		1.48										T.				1.67	.20	.73	T.						T.						4.08
rianna	St. Francis		1.65			T.	1.34							T.		.12	3.22	3.15	1.85	.02						.12					.01		11.48
rked Tree	St. Francis			.52			1.63								.01			.96	2.32	1.20	.03						.06				T.		6.73
rshall	White		.60															1.60	.30	.70						.02							3.22
na	Ouachita		.42	.25		T.						.05		T.	T.			1.10	.55	.36											.05	.05	2.83
rrilton	Arkansas		.41	.40			.12							T.	T.	T.	.30	1.10	1.20	.60	.10						.14					.08	4.45
untain Home	White		.72												T			.88	.12	.80						.08					T.		2.60
unt Ida	Ouachita		.70				.76											1.10	.62	.31												.11	3.60
wport	White			.35			.51							.01	.02		.03	.08	1.80	1.76	.16						.09						4.81
rman	Ouachita		.69	.18		.20											.02	.68	.59	.39						.05					.02	.29	3.11
en	Ouachita	T.	.67				.12					T.	T.					1.78	.50	.33						T.	.02				.06		3.48
ay	Red		.78			2.40	.22										.47	.10	.40														4.37
ceola	Mississippi						1.75										.48	.78	1.80	1.26	.08						.03						6.18
ark.	Arkansas		.73															.55	.50	1.01	.11										T.	.05	2.95
ragould	St. Francis			.74			.37								.11		.52	.66	1.88	1.38							.12					T.	5.78
rkin	St. Francis			.82			1.62										.52	1.40	3.00	1.47													8.83
tterson.	White		1.50				3.28									.05	.22	.71	3.95	1.05													10.76
ggott	St. Francis	.11	.30	.10		.09	.19						T.		.03	.03	.03	1.70	.61	.50						.30	.11						4.10
ne Bluff	Arkansas			1.27			1.05										2.02	2.12	2.28	1.66	T.						T.					T.	10.40
cahontas	White	.19	.91												.03	.05		1.10	.30	.40	.07					.30							3.35
rtland	Ouachita			.97			2.00	.29										.22	1.15	.95												.17	5.75
escott	Ouachita		.23	1.39			1.28										1.45	.39	.81	.12											.02	.83	6.52
son	Ouachita			1.75			.87									*	1.35	1.00	4.80	.40													10.17
gers (near)	White		.36															.28	.76	1.07	.03					.03							2.53
. Charles	White																																
. Francis	St. Francis		T.	.36			.16			T.				.14	T.	.04	.10	.58	1.84	.98	T.					T.	.48					T.	4.68
arcy	White			.78			.55										.30	.46	2.80	1.33	.10						.05						6.37
ory	Ouachita		*	.82			.20											1.15	1.60												T	.05	3.82
ttgart	Arkansas			1.60			.05										1.64	1.42	4.00	1.85	.04											.14	10.74
biaco	Arkansas		1.46															2.53	.88	.30										.03	.01		5.21
nset.	Arkansas		.68										.05	.02				.49	.75	.58	.03					.03					.01	T.	2.64
xarkana	Red		2.30	.50													1.48		.20	.30											.15	2.01	6.94
ornburg	Arkansas		.75			.39	.17					T.	T.			.04	.04	3.16	.50	.34						.15				T.	.07	.10	5.71
aldron	Arkansas		.76			T	T.						T.				T	1.81	.44	.04											.22		3.27
arren.	Ouachita			1.75			1.75						T.				.95	.16	3.10	1.05	T.					T.	T.				.10	.15	9.01
aters	Ouachita	.22	.92	T.			.16											*	1.44												.09		2.83
lson	Mississippi			.40			1.80										1.10	2.00	2.15		.05						.12						7.62
ynne	St. Francis			.93			1.51										1.15	1.90	2.05	1.77	.12												9.43
ncopin.	Arkansas			1.63			2.09	.12						.06			1.26	.27	2.06	1.34												.12	8.95

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
otter	White	21	3.5	3.5	3.5	3.4	3.3	3.6	3.6	3.5	3.2	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6	4.0	5.7	5.6	5.6	6.0	5.1	5.0	4.8	4.5	4.3	4.3	3.9
alico Rock	do	18	1.0	1.2	0.6	0.7	0.9	1.4	1.2	1.0	0.7	1.3	1.3	1.1	0.7	0.4	1.1	0.8	0.9	1.7	2.9	5.0	5.6	5.0	5.0	4.8	4.2	3.5	3.1	2.8	2.1	2.2	1.9
atesville	do	23	5.6	5.4	5.6	5.2	5.3	5.5	5.8	5.8	5.5	5.3	5.7	5.7	5.5	5.1	5.1	5.5	6.5	7.6	8.4	8.9	10.7	10.9	10.4	10.5	9.9	9.2	8.7	8.3	7.8	7.3	7.5
ewport	do	26	1.9	1.7	1.7	1.9	1.7	1.9	1.9	2.1	2.0	1.7	1.6	1.8	1.8	1.7	1.5	1.4	1.5	3.8	6.6	8.6	9.9	10.5	10.0	9.1	9.0	8.1	7.1	6.3	5.6	4.9	4.4
eorgetown	do	21	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.3	2.5	2.5	2.5	2.5	2.4	2.3	2.2	2.1	2.1	3.0	6.8	11.3	14.0	14.6	14.6	14.3	14.0	13.7	13.5	11.7	10.7	9.7	8.7
arendon	do	26	9.2	9.3	9.4	9.4	9.3	9.5	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.6	9.5	9.7	10.2	12.0	16.6	18.7	20.0	20.9	21.5	22.0	22.3	22.5	22.6	22.5	22.2	21.9	21.3
lack Rock	Black	14	1.6	1.6	2.3	2.4	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.7	2.3	7.4	7.3	7.7	6.5	5.6	5.0	4.7	4.5	4.5	3.9	3.6	3.4	3.1	2.9
rkadelphia.	Ouachita.	12	0.0	-0.4	2.0	1.6	2.2	1.6	2.6	2.0	1.6	1.0	0.2	1.4	2.0	1.4	0.4	1.6	1.6	3.2	3.8	4.0	3.6	3.2	3.0	3.0	2.6	2.2	1.0	0.6	1.4	2.4	2.0
amden	Ouachita.	26	6.5	6.3	5.5	5.3	7.4	7.7	8.7	9.9	9.6	8.8	5.7	6.4	5.8	6.7	6.9	7.5	7.1	8.1	11.2	13.8	14.8	14.7	13.7	12.8	10.4	10.4	9.2	7.8	7.4	6.9	7.6
ulton	Red	25	6.8	6.5	6.3	6.3	8.4	8.5	8.2	7.8	7.4	7.2	7.0	6.7	6.7	6.6	6.5	6.4	6.3	6.4	6.8	9.7	10.7	11.2	10.9	9.7	8.9	8.4	7.7	7.4	7.0	6.9	7.2
elena	Mississippi	41	4.7	4.8	4.9	4.4	3.9	3.8	4.3	4.4	4.2	4.5	5.1	6.5	7.7	8.3	8.4	8.3	8.2	8.4	9.1	9.8	12.3	14.7	16.1	17.6	19.3	20.4	21.5	22.0	22.0	21.9	21.5
rkansas City	do	48	3.6	3.9	4.3	4.4	4.2	3.9	3.7	3.9	4.2	4.2	4.1	4.4	5.2	6.3	7.1	7.6	7.8	7.9	8.4	9.6	11.0	13.3	15.8	17.7	19.0	20.5	21.7	22.8	23.5	23.8	23.7

Daily temperatures for December, 1933

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	79	66	73	75	80	62	61	60	60	55	53	48	52	70	72	68	72	54	44	56	71	76	70	75	51	48	40	41	44	60	55	61.0
	Minimum	52	52	44	40	39	42	25	25	31	31	40	44	34	36	40	55	55	46	36	36	34	34	37	43	36	32	20	20	24	34	37	37.2
Batesville §§	Maximum	67	64	68	73	69	53	58	58	51	65	49	35	45	68	74	68	62	48	45	60	64	70	65	65	36	38	31	41	40	55	63	56.4
	Minimum	50	41	39	33	33	38	19	20	21	21	34	23	32	34	44	42	43	40	40	32	29	28	31	35	25	27	16	14	15	23	28	30.6
Bee Branch	Maximum	73	62	65	74	70	68	57	60	54	67	66	47	42	57	73	66	65	59	50	57	63	70	67	68	59	38	33	42	39	49	58	58.6
	Minimum	50	53	46	37	53	37	23	33	25	30	42	31	33	40	56	45	58	41	37	38	32	35	34	47	28	31	16	20	28	30	46	37.3
Bentonville ***	Maximum	73	68	61	73	60	48	58	46	57	67	48	43	61	69	67	70	60	42	42	56	63	68	68	52	36	30	34	44	43	58	61	55.7
	Minimum	55	49	41	48	34	28	29	31	29	42	35	35	36	40	43	38	31	30	32	34	31	41	45	26	25	16	16	21	31	41	48	34.9
Blytheville	Maximum	65	61	66	73	68	66	55	56	49	64	48	40	45	70	73	65	65	56	61	48	62	68	70	69	46	34	26	38	42	60	68	57.3
	Minimum	54	52	51	42	53	36	26	35	26	37	36	31	34	44	63	54	55	43	42	36	33	38	44	46	27	23	14	17	21	31	47	38.4
Booneville	Maximum	74	73	67	78	75	60	61	60	63	74	63	49	58	74	77	70	63	53	48	60	66	75	70	65	61	43	38	41	39	50	60	61.7
	Minimum	51	57	41	39	60	35	23	32	26	36	40	39	33	41	62	36	53	44	36	38	30	34	38	51	33	31	20	22	32	35	43	38.4
Brinkley	Maximum	71	63	68	79	78	67	60	60	57	70	66	49	54	69	70	72	69	58	61	55	67	73	61	74	66	50	36	42	45	55	69	62.4
	Minimum	51	52	48	37	53	38	23	33	27	32	41	35	32	42	43	61	56	45	41	36	31	35	43	53	32	32	15	18	25	31	47	38.3
Calico Rock§§	Maximum	57	63	66	77	72	51	65	52	55	70	50	38	52	67	77	67	61	51	47	58	66	74	72	64	35	35	30	40	38	55	64	57.1
	Minimum	56	46	38	34	34	35	21	22	23	24	31	32	31	37	44	36	37	40	40	38	29	29	31	32	23	23	16	16	16	25	29	31.2
Camden§§	Maximum	77	65	70	79	83	63	62	69	63	74	61	55	77	80	75	70	71	63	49	61	68	74	74	74	47	51	43	42	53	57	66	65.0
	Minimum	46	46	48	36	36	43	26	29	30	50	42	45	34	40	49	60	61	57	40	42	34	33	34	56	39	34	22	22	30	37	42	39.5
Carthage §§	Maximum	73	63	68	78	79	54	58	65	55	71	51	57	68	74	72	69	68	58	45	60	66	71	69	72	39	48	33	40	44	59	61	60.9
	Minimum	47	47	49	36	36	42	24	25	29	29	41	45	35	36	44	60	60	51	37	39	33	33	34	44	37	34	20	19	22	33	37	37.4
Center Point	Maximum	72	72	72	79	76	64	62	70	65	71	63	53	64	74	73	69	68	65	52	70	72	73	73	72	69	52	48	41	45	48	72	65.1
	Minimum	55	61	41	40	55	35	25	32	29	37	47	45	34	50	65	53	64	48	37	39	34	37	42	51	37	32	21	30	33	38	46	41.7
Conway	Maximum	68	64	69	79	79	70	64	65	57	70	62	48	42	68	76	69	64	61	51	61	69	74	66	74	59	46	34	41	40	49	61	61.3
	Minimum	51	53	45	37	55	39	25	34	27	32	40	35	34	41	62	51	59	44	40	42	30	34	39	49	31	32	17	19	31	32	47	38.9
Corning	Maximum	70	61	64	74	66	64	57	53	50	62	53	39	50	64	74	69	65	57	51	52	65	69	71	65	45	33	28	39	45	58	67	57.4
	Minimum	50	46	47	34	54	34	23	32	23	36	33	28	33	38	63	45	55	38	41	33	29	35	39	45	24	23	13	15	19	29	48	35.6
Crossett §§	Maximum	..	80	..	..	80	54	60	67	70	73	75	64	77	79	78	75	70	65	58	55	70	72	75	58	57	46	41	42	55	62	67	65.2
	Minimum	..	..	48	..	..	42	27	29	32	34	38	48	40	44	64	62	61	59	42	38	34	36	39	52	43	38	22	24	33	39	48	41.3
Dumas	Maximum	76	66	71	82	79	70	61	66	71	70	63	51	74	75	74	80	73	68	62	56	66	75	74	71	64	45	38	41	50	55	68	65.6
	Minimum	51	52	52	44	58	40	29	29	38	36	49	42	36	45	64	53	63	58	46	42	34	38	42	55	37	36	20	23	35	36	51	43.0
Dutton	Maximum	72	62	59	70	64	49	55	50	55	71	52	59	60	65	69	69	64	62	45	60	61	69	68	57	50	37	34	44	41	43	48	56.9
	Minimum	44	52	32	34	40	25	18	32	18	25	27	24	30	32	34	26	36	35	31	32	25	29	32	30	29	25	12	12	25	26	24	28.9
El Dorado	Maximum	76	68	72	79	79	72	64	68	60	74	71	60	78	78	76	74	73	68	61	61	71	75	75	75	70	60	50	42	56	57	68	68.1
	Minimum	53	55	50	44	55	41	31	35	35	40	55	42	39	60	62	64	64	56	41	43	37	39	48	58	42	37	24	33	36	43	53	45.6
England	Maximum	72	64	68	77	78	62	59	61	71	..	64	49	47	..	72	65	69	58	58	52	64	73	73	..	63	44	36	41	43	54	63	60.7
	Minimum	50	49	46	42	55	41	44	35	29	..	44	37	33	..	42	63	57	46	38	42	35	38	44	..	34	34	19	22	31	32	47	40.3
Eureka Springs	Maximum	72	68	62	76	67	49	59	52	57	68	62	43	63	70	70	73	63	43	44	57	64	71	72	61	42	32	35	43	35	59	64	57.9
	Minimum	56	53	41	51	38	26	32	35	28	42	33	31	36	38	57	43	42	31	31	34	35	47	55	41	23	18	14	17	27	34	49	36.7
Fayetteville	Maximum	72	67	62	73	66	48	58	52	56	66	63	48	60	68	69	71	63	41	43	55	63	68	68	64	42	35	37	49	44	59	60	57.7
	Minimum	52	57	40	49	42	27	29	36	25	43	36	36	35	40	54	34	40	32	32	32	30	41	48	38	25	23	17	21	33	42	49	36.7
Fort Smith***	Maximum	75	73	66	78	70	51	62	54	56	68	52	46	55	74	72	66	66	49	43	59	64	69	70	59	38	38	32	40	39	50	62	57.9
	Minimum	57	54	44	45	43	36	30	38	32	40	44	40	34	43	50	42	44	42	37	38	36	39	42	37	34	26	21	24	32	36	45	38.9
Gravette	Maximum	72	68	68	73	64	45	59	55	56	66	59	47	60	70	68	70	63	42	44	55	63	66	69	64	37	35	34	43	42	57	59	57.2
	Minimum	54	54	37	44	38	25	26	36	34	33	32	35	34	40	49	35	33	27	30	29	29	37	43	32	24	17	15	20	31	37	45	34.0
Harrison	Maximum	73	72	60	72	71	46	61	49	55	73	57	45	53	63	72	64	62	52	44	56	65	72	71	58	37	32	31	38	37	54	63	56.7
	Minimum	49	49	42	39	42	29	24	39	22	39	34	30	34	40	58	30	38	34	36	36	29	41	48	36	20	21	15	16	26	33	45	34.6
Helena	Maximum	75	69	69	75	75	68	58	62	53	69	60	50	50	74	70	68	71	59	65	48	62	71	65	70	63	40	33	40	48	54	71	61.5
	Minimum	54	55	49	45	55	36	24	36	25	34	44	36	34	44	60	60	55	49	41	37	34	42	46	53	32	28	16	19	27	36	44	40.3
Highland	Maximum	75	69	70	78	70	61	60	68	77	74	70	52	69	69	75	74	70	65	53	58	64	66	65	59	51	55	46	41	49	52	59	63.4
	Minimum	54	61	47	47	46	39	28	33	35	36	36	44	34	38	46	60	59	47	37	39	41	42	39	40	38	35	22	27	33	34	39	40.5
Hope	Maximum	76	65	69	79	81	67	61	69	59	71	60	54	77	77	74	69	74	64	59	74	76	80	76	81	55	56	47	42	46	52	68	66.4
	Minimum	48	57	44	42	54	37	25	30	30	36	42	42	32	45	64	59	61	47	33	40	32	32	39	51	37	30	21	29	35	38	47	40.6
Hot Springs	Maximum	70	62	62	66	67	52	52	59	52	62	48	52	51	64	68	66	64	57	48	56	56	62	62	66	59	44	37	44	43	48	55	56.6
	Minimum	44	56	42	44	46	44	32	41	31	42	43	38	34	42	61	59	56	45	36	41	37	42	46	53	34	32	17	21	31	34	46	41.0
Jonesboro	Maximum	69	61	66	77	69	63	58	58	51	64	58	44	42	66	72	66	66	55	55	53	62	70	67	67	46	35	27	37	47	58	67	57.9
	Minimum	55	49	50	41	54	39	29	40	26	36	39	32	33	40	42	52	55	41	41	35	39	42	47	46	27	27	13	18	22	30	46	38.3
Lead Hill	Maximum	65	64	64	80	77	50	65	52	56	74	58	49	53	70	75	66	62	46	48	57	71	73	77	60	40	34	32	42	38	55	67	58.7
	Minimum	53	49	43	30	44	29	20	26	20	26	31	34	35	36	50	28	40	34	37	35	26	29	29	37	19	22	15	14	22	27	47	31.8
Little Rock.***	Maximum	65	63	67	74	75	52	57	61	52	68	58	44	43	70	71	68	69	52	46	58	65	71	66	70	39	41	31	38	40	52	58	57.5
	Minimum	53	56	48	44	47	36	29	37	33	37	44	34	33	42	64	56	51	43	39	42	39	42	45	39	32	25	18	22	29	36	51	40.2
Lutherville	Maximum	70	64	61	75	74	66	59	60	57	66	57	48	48	56	73	64	64	54	48	55	65	71	71	65	55	38	30	41	40	47	62	58.2
	Minimum	55	55	41	43	55	37	26	37	28	34	42	36	33	40	55	40	52	42	34	36	34	41	42	48	30	30	15	18	30	37	43	38.4
Magnolia	Maximum	81	69	71	81	81	75	62	68	65	74	67	65	78	79	73	72	70	67	53	65	72	74	75	74	70	50	48	41	53	55	66	67.5
	Minimum	54	61	46	48	60	40	28	34	35	40	51	48	38	61	64	63	65	52	40	39	36	38	50	58	42	36	24	33	35	40	50	45.5
Malvern	Maximum	71	65	71	73	77	69	60	69	59	70	66	49	58	72	71	68	72	61	53	64	68	73	69	74	63	47	49	42	42	48	50	62.8
	Minimum	50	56	40	36	55	42	24	30	27	29	43	41	35	42	64	61	60	45	38	42	32	33	36	52	34	32	19	21	33	34	38	39.5
Mammoth Spring	Maximum	73	71	70	75	76	52	63	58	56	64	60	46	50	62	78	69	64	53	54	50	59	70	71	52	44	34	29	39	46	53	65	58.3
	Minimum	51	52	36	34	47	34	20	23	21	34	30	29	34	42	52	38	50	34	36	34	30	28	33	30	24	18	15	16	20	33	42	32.9
Marianna	Maximum	73	70	68	71	72	73	63	60	56	70	65	50	46	72	74	69	70	65	64	56	63	71	67	72	69	62	50	40	44	56	62	63.3
	Minimum	52	52	44	45	55	40	27	37	28	36	35	36	34	45	54	53	50	52	43	40	34	41	47	52	31	33	17	20	27	31	50	40.0
Marked Tree§§	Maximum	67	62	67	74	71	51	56	58	50	66	49	37	46	70	73	69	77	61	48	50	62	70	68	70	38	36	31	40	45	68	68	58.0
	Minimum	56	46	49	38	41	40	25	26	26	26	36	34	31	35	44	65	54	42	42	35	31	37	40	43	27	27	14	14	18	21	32	35.3
Marshall	Maximum	72	64	63	67	66	60	56	56	49	68	68	54	48	61	66	66	60	49	40	54	60	64	62	62	49	29	30	38	39	48	55	55.6
	Minimum	52	47	38	39	57	31	22	31	21	41	33	30	34	38	59	35	47	35	34	35	28	34	48	49	20	22	13	16	24	34	43	35.2
Mena	Maximum	72	69	70	74	74	56	58	66	59	67	59	48	59	69	72	68	66	53	47	65	67	71	69	67	55	44	39	39	40	50	55	60.2
	Minimum	50	58	42	49	56	34	26	36	30	40	45	40	32	45	52	42	53	44	34	38	35	39	46	54	33	31	19	25	31	37	42	39.9
Morrilton §§	Maximun.	64	61	64	73	72	53	58	61	54	62	48	38	41	66	72	65	59	47	41	57	64	68	63	67	34	39	28	38	36	51	51	54.7
	Minimum	51	51	49	37	37	39	27	27	28	28	34	38	34	34	41	47	48	43	39	39	36	36	39	39	30	31	21	19	22	31	34	35.8
Mountain Home	Maximum	65	63	65	77	74	52	63	50	54	76	65	44	52	66	76	68	64	45	47	60	67	76	75	61	40	34	32	41	37	55	65	58.4
	Minimum	52	48	42	35	45	32	22	34	22	32	34	29	33	38	55	36	44	37	35	35	29	33	37	39	21	20	14	16	21	29	42	33.6
Mount Ida	Maximum	74	68	73	74	77	65	60	67	60	68	62	68	67	70	74	69	69	60	49	67	70	76	69	73	62	47	41	41	43	48	56	63.5
	Minimum	46	56	34	31	53	37	18	25	22	27	29	38	27	40	65	42	60	49	36	41	26	28	32	55	32	28	19	19	31	35	47	36.4
Newport	Maximum	71	63	67	69	69	65	57	59	50	64	61	44	42	66	74	68	68	58	52	57	64	63	64	68	55	38	29	39	39	55	59	58.0
	Minimum	53	45	48	40	54	39	25	33	27	34	38	30	33	41	65	51	56	42	41	35	31	31	36	53	28	29	17	19	23	29	46	37.8
Ozark§§	Maximum	72	70	63	71	71	54	59	57	55	65	55	45	54	65	70	68	62	50	50	55	64	68	70	65	39	42	34	42	42	51	62	57.7
	Minimum	51	53	42	37	39	36	25	25	28	27	36	40	34	35	46	36	36	46	37	37	31	31	34	36	32	25	20	20	23	35	39	34.6
Pine Bluff	Maximum	76	73	70	80	81	63	60	66	55	72	66	50	56	74	72	66	70	58	59	59	69	72	72	73	60	45	35	40	45	57	64	63.2
	Minimum	56	57	49	42	62	41	28	36	32	37	46	38	36	44	65	61	58	51	40	44	35	38	46	52	36	33	21	24	32	37	50	42.8
Pocahontas	Maximum	73	67	65	72	70	64	57	55	48	61	59	42	46	57	75	71	66	58	51	54	61	68	67	62	50	34	28	39	44	52	66	57.3
	Minimum	49	45	45	35	52	35	23	30	23	31	35	26	32	40	53	45	55	36	39	30	28	32	34	42	23	22	12	14	26	27	45	34.3
Portland	Maximum	77	75	72	82	82	73	62	68	61	74	71	60	77	79	78	75	76	73	65	59	69	70	75	79	72	47	45	43	54	58	68	68.4
	Minimum	45	54	53	38	55	40	26	31	31	33	51	49	43	59	64	64	64	58	41	44	32	37	43	55	41	37	21	29	37	38	51	44.0
Prescott	Maximum	74	70	70	80	81	75	61	69	64	75	65	53	76	78	76	68	71	67	55	65	70	74	73	73	61	51	46	42	45	56	64	66.1
	Minimum	50	58	43	40	42	39	28	32	32	37	42	45	33	44	65	58	56	49	38	42	34	37	41	54	38	31	21	28	34	37	42	41.0
Rison	Maximum	76	70	71	81	81	77	61	69	61	73	70	56	72	76	75	68	69	67	61	62	65	66	70	76	64	50	40	42	50	66	61	66.0
	Minimum	53	56	46	43	59	38	26	35	29	35	48	40	34	42	63	59	59	52	38	43	45	48	42	33	34	33	18	22	30	37	39	41.3
Searcy	Maximum	67	65	66	75	72	67	58	61	52	65	64	46	41	70	73	69	68	56	52	55	63	70	62	72	56	39	28	39	39	52	64	58.9
	Minimum	51	48	45	35	51	39	22	30	25	28	41	31	31	39	62	52	55	41	39	33	31	33	37	43	27	27	16	18	25	29	46	36.5
Stuttgart	Maximum	77	67	70	79	80	66	60	64	56	71	65	54	50	72	72	66	68	58	60	56	71	73	72	74	68	53	37	40	45	56	66	63.4
	Minimum	54	54	46	43	53	39	28	36	30	36	45	38	35	44	55	61	57	48	40	43	36	40	46	52	34	35	18	22	30	34	48	41.3
Subiaco	Maximum	77	71	65	78	74	58	60	59	58	68	59	48	51	71	73	68	65	52	48	57	65	70	71	65	52	43	32	40	40	48	63	59.6
	Minimum	52	55	46	39	54	35	26	34	28	31	42	37	32	41	64	40	49	43	36	39	32	36	38	47	31	29	18	21	31	35	43	38.2
Texarkana	Maximum	75	68	73	79	80	64	62	65	62	70	62	62	78	78	73	68	72	65	46	62	73	74	73	75	65	55	41	42	47	52	63	65.3
	Minimum	52	58	41	45	57	37	26	32	31	40	48	43	33	55	62	54	62	42	36	33	33	36	52	55	39	29	21	31	33	35	44	41.8
Thornburg	Maximum	74	62	67	80	77	63	61	63	51	66	70	45	47	..	73	66	66	60	49	60	66	75	64	69	58	42	35	40	38	48	55	59.7
	Minimum	44	53	36	36	63	34	19	28	20	42	33	34	33	..	39	47	56	42	36	39	27	30	36	55	29	29	16	15	31	31	44	35.9
Warren	Maximum	75	75	70	80	80	73	60	68	61	70	66	55	74	76	75	72	73	64	62	57	67	70	72	74	69	67	41	42	50	58	67	66.5
	Minimum	54	53	50	45	61	40	30	34	33	40	52	42	37	42	66	63	58	58	42	44	35	42	41	38	37	35	21	27	30	40	51	43.3
Wilson	Maximum	71	72	76	77	72	71	55	55	50	66	65	48	48	73	73	68	65	67	62	47	64	69	67	..	..	40	39	39	44	61	65	61.0
	Minimum	35	34	32	32	40	37	25	36	25	37	36	31	33	32	62	58	45	43	42	34	32	40	44	..	..	33	14	17	21	28	38	35.0
Wynne	Maximum	65	69	65	75	73	60	59	56	50	67	55	52	44	73	70	65	63	53	62	50	52	60	62	68	59	36	31	40	45	59	66	58.2
	Minimum	49	52	43	40	51	38	24	26	23	34	35	32	29	40	59	57	51	41	37	34	36	46	50	55	31	25	13	12	21	36	48	37.7

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark.—1-25-34-10

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

JUN 28 1934

H. S. COLE

Vol. XXXVIII Little Rock, Ark., Year, 1933 No. 13

GENERAL SUMMARY

The outstanding features of the weather in Arkansas during the year 1933 were the warm months of January and December, the cold weather of February, the severe hailstorms in April, and the excessive rain in some sections of the State in July and December. January was the warmest January since 1907 and December the warmest on record. February was the coldest February since 1929 but the low of 13° below zero did not approach the record of 29° below established in 1905. In March temperatures averaged slightly above normal, while in April they were somewhat below. From May to July temperatures were warmer than usual but extremes were well within the limits established in previous years. A comparatively cool August was followed by a warm September but thereafter temperatures were not unusually high until in December. The average temperature for the State for the year was 63.2° which is 1.9° above the mean for the past 43 years. Annual means ranged from 59.3° at Marshall in the Ozarks to 66.9° at Magnolia in a southern border county. Of the 52 stations for which normals have been computed, only one, Marshall, had a negative departure. Extremes ranged from 13° below zero at Sunset on February 8th and at Lead Hill on February 11th to 109° at Booneville on July 10th and at Grannis on July 11th.

The average precipitation for the State was 49.08 inches which is 0.79 inch above the mean for the past 43 years. Of the 69 stations with records of 10 years or more, 38 had negative departures and 31 positive. Annual amounts ranged from 38.24 inches at Cotter to 64.71 inches at Yancopin, with stations in the southwestern portion and along the eastern slope of the Ozarks receiving the least rainfall and those in extreme northwestern, northeastern, and east-central portions the most. Precipitation was below normal in January, April, June, October, and November, above in other months, with the least rainfall occurring in June and November. Rainfall during the growing season from April to September, inclusive, was somewhat below normal but in June amounts were seriously deficient in many sections, causing rapid deterioration of nearly all crops. Though rainfall was above the average in July some sections during the first part of the month suffered from lack of moisture.

The last killing frost in spring occurred March 21st except at a few stations in northern and western portions where it was reported as late as March 26th and at Story as late as April 7th. The first killing frost in autumn occurred November 8th except in the extreme southern portion where a few stations had no killing frost until December 7th and one station none until December 27th. The growing season ranged from 215 days at Story in the Ouachita Mountains to 281 days at El Dorado in the extreme southern portion. In most sections the growing season was 232 days as the first and last killing frosts occurred about the same time in all sections of the State which is unusual. Killing frost in spring did little damage but the freeze in February killed the majority of peach, plum, and pear buds except in the northern portion of the State. In the fall truck crops were damaged but staple crops had matured.

Tornadoes and windstorms occurred during the spring and summer months and in December but they were most severe in March and May. In May 13 separate tornadoes were reported. During the year 17 people were killed, 76 injured, and property valued at $270,200 was destroyed. The damage from windstorms was estimated at $92,000, the most of which occurred in March. Hailstorms were unusually severe in April, the loss in that month alone being about $100,000. The total damage for the year was $104,600. The loss from floods in May was estimated at $952,907, 60% of which occurred in the St. Francis River basin.

T.A.M.

WEATHER BY MONTHS

January:—This was the warmest January since 1907 and the second warmest on record. Daily departures were from 10° to over 25° above normal from the 16th to the 26th, while the coldest weather occurred either the 1st or 12th. The average temperature for the 61 stations was 48.8° which is 7.5° above the mean for the past 43 years, while precipitation was 0.61 inch below the average, with monthly totals ranging from 1.65 inches at Mountain Home to 7.33 inches at Blytheville. The warm weather caused fruit buds to develop in central and southern sections but growth was checked somewhat by the cooler weather the last few days of the month.

February:—A severe cold wave overspread the State on the 7th and 8th bringing temperatures as low as zero nearly to the southern border in the southwestern portion and as low as 13° below zero in the Ozarks. Peaches, pears, and plums were severely damaged in all but the extreme northern portion of the State but the snow cover was favorable for wheat, oats and other winter crops. However, early truck crops were severely damaged. Rainfall was generally below normal in the northern half of the State and decidedly above normal in southern border counties and in most of the southeastern portion.

March:—Temperature was 0.2° above the average and precipitation 0.20 inch above. Monthly totals ranged from 1.90 inches at Fayetteville to 8.37 inches at Jonesboro, with stations in the Ozarks and western border counties receiving the least amounts and those in the northeastern portion and in counties bordering on the Mississippi River the most. In southern Arkansas considerable damage resulted from the high winds of the night of the 30th-31st, small barns, tenant houses, and fences being blown down. The last killing frost occurred in most sections on the 21st. Tornadoes occurred on the 14th, 18th, and 30th in which one person was killed, 11 injured, and property valued at $42,000 destroyed.

April:—The first week of the month was mild but, following the warm days of the 9th and 10th, temperatures were below normal until the 18th. On the 14th and 15th the heaviest snowfall for April in the history of the State occurred in the northwestern portion, the greatest depth reported being 14 inches at Gravette. The ground was warm and much of it melted as it fell but it was estimated that more than 24 inches fell in some sections of Washington and Benton counties. Fruit trees and strawberries were in bloom but little damage resulted other than that fruit trees were broken by the weight of the wet snow. On the 26th hailstorms occurred over an area extending from Scott County on the western border southeastward to Jefferson County. The path was narrow in many places but at times was 6 or 7 miles wide. Stones as large as golf balls were reported in many instances. A few people were injured and the damage to property was at least $100,000. The average number of rainy days was 11 with monthly totals of precipitation ranging from 2.27 inches at Thornburg to 9.14 inches at Corning.

May:—Temperature and precipitation were both above normal, this being the warmest May since 1918. Rainfall was excessive in most sections during the first half of the month, numerous stations reporting over 5.00 inches from the 12th to the 15th. Flood stages were reached at most points on the

Arkansas River and at all stations on the Black, White, and St. Francis rivers. A few levees broke on the Arkansas and White rivers while serious breaks occurred along the St. Francis river and thousands of acres of farm land were inundated. Flood losses were as follows: On the Black and White rivers, $163,530; the Arkansas $214,465; the Ouachita $5,750; the St. Francis $569,162. Tornadoes occurred in 13 communities during the first half of the month in which 16 people were killed, 60 injured, and property valued at $208,200 was destroyed. High winds were reported at Magazine, Harrison, and Mountain Home. Moderate to heavy hail was reported in many sections.

June:—This was the third driest June in the past 43 years. Rainfall was lightest in northwestern border counties where two stations reported no rain. Only 6 stations had monthly totals of over 3.00 inches while 12 had less than 0.25 inch and 34 others less than 1.00 inch. The weather during the first half of the month was favorable for cotton in all sections. In most portions of the uplands the soil was too dry the latter part for good growth but in the lowlands conditions were mostly favorable. The high temperatures and the light rainfall during the latter part of the month were unfavorable for most other crops. Early corn was badly damaged except in localities where heavy showers occurred. In some sections the early crop was a failure and in most portions poor. The soil was too dry in the northwestern portion of the State for resetting tomato plants and the commercial crop was badly damaged. Meadows, pastures, fruit, and truck crops were needing rain badly by the close of the month in most sections.

July:—Temperatures were continuously above normal in the western portion of the State the first half of the month while departures were not so marked in central and eastern portions. Rain began in the southern portion of the State on the 22d and continued for four days and in some sections even longer. Amounts were excessive in southern and eastern sections but in the upper Ouachita and upper White river valleys daily amounts were generally light to moderate. The greatest 24-hour amount was 7.13 inches at Crossett on the 26th. The high temperatures and the light rainfall the first half of the month were unfavorable for all crops except cotton. Early corn, meadows, pastures, tomatoes, and other minor crops were severely damaged except in a few localities where heavy showers occurred. Conditions were much more favorable the latter part of the month except that cotton was injured in southern and eastern sections by the excessive rains. The soil was in good condition at the close of the month for fall planting except that more rain was needed in some northwestern counties.

August:—Maximum temperatures were below the average in nearly all portions with only three stations reporting temperatures as high as 101° and four others 100°. Rainfall was heavy to excessive on the 3d and 4th, from the 11th to the 13th, and on the 17th, 28th and 29th, but the distribution was irregular. Monthly totals ranged from 1.01 inches at Warren to 7.88 inches at Freeman Springs. The weather was generally favorable for cotton the first 10 days of the month but thereafter the heavy to excessive rainfall caused rank growth, considerable shedding, and complaints of boll weevil damage in many localities. Cotton began opening in southern and central portions by the middle of the month and a few bales were ginned about the 17th or 18th. The rains came too late to benefit early corn but they were very beneficial to late corn and all other crops.

September:—This was the warmest and wettest September since 1925. Although maximum temperatures were not unseasonably high, mean temperatures were below normal for only one or two days during the entire month. Rainfall was heavy to excessive the first four days of the month in the northern half of the State and in some other sections, more than half of the monthly total for a number of stations occurring during this four-day period. Monthly amounts ranged from 0.17 inch at Magnolia to 14.92 inches at Grannis. The greatest amount measured in any 24-hour period was 8.92 inches at Grannis on the 12th. The cloudy, rainy weather the first and last of the month was unfavorable for cotton and in sections where rainfall was heaviest considerable damage was done and numerous complaints were received of rank growth, shedding, and boll weevil activity. Army worms appeared the latter part of the month but the crop was far enough advanced to prevent serious damage.

October:—Temperatures averaged slightly above normal, while precipitation was generally deficient except in the northwestern portion, monthly totals ranging from 0.58 inch at Higden to 7.73 inches at Dutton. The weather was very favorable for all out-door activities and the growth of nearly all crops. Cotton picking progressed rapidly and was almost completed by the close of the month except in the northeastern portion. Light frost occurred at a number of stations and heavy frost and freezing temperatures in some sections but practically no damage was done to growing vegetation. Streams in all sections were at low stages most of the month.

November:—Precipitation was 1.75 inches below the average with only three stations having monthly totals of over 4.00 inches, while five had less than 1.00 inch. Favorable weather conditions continued during the month. The gathering of fall crops was farther advanced than usual during October and this work was nearly completed by the close of November. Killing frost occurred in nearly all portions on the 8th, truck crops and some late corn being damaged. More than the usual amount of fall plowing had been done by the close of the month, but the soil was too dry in some southern counties.

December:—This was the warmest December on record. Rainfall was excessive in many sections from the 15th to the 19th, some stations in southeastern and east-central portions receiving over 8.00 inches. Monthly totals ranged from 1.80 inches at Gravette to 12.01 inches at Clarendon. Eight stations had amounts over 10.00 inches while four in the extreme northwestern portion had monthly totals of less than 2.00 inches. The freezing temperatures of the 7th and 8th brought killing frost to extreme southern portions of the State for the first time this fall. Conditions were favorable for the growth of wheat, oats, pastures, and other winter crops.

MISCELLANEOUS PHENOMENA, 1933

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Excessive rain			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Days with	Damage	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January	....	....	1	1	$ 100	133	13	26	12	7	4	...	....	......	......	....	......	......	......	......	....	......	......	....	......	....
February	....	....	....	....	....	29	8	74	13	31	10	....	....	......	......	....	......	......	......	......	....	......	......	....	......	....
March	7	2	1	1	....	212	20	12	6	9	3	....	....	8	4	$ 78,000	4	3	1	11	$ 42,000	......	......	....	1	....
April	4	3	14	3	$100,000	213	25	6	5	11	3	....	...	3	2	$ 8,700	4	3	......	......	$ 8,500	......	......	....	2	....
May	4	3	8	3	$ 2,500	271	24	10	6	....	....	....	....	3	2	$ 500	13	6	16	60	$208,200	......	......	....	1	....
June	3	1	1	1	$ 2,000	210	15	2	2	....	....	....	....	4	3	$ 4,200	1	1	......	......	$ 500	......	......	....	2	....
July	....	....	....	....	....	178	26	3	2	....	....	....	....	......	......	....	1	1	......	......	$ 3,000	......	......	....	......	....
August	1	1	....	...	.....	258	28	10	5	....	....	....	.	3	1	$ 500	......	......	......	......	....	......	......	....	4	....
September	....	....	....	....	....	273	22	28	13	....	....	....	....	1	1	$ 100	......	......	......	......	....	......	......	....	3	$ 6,500
October	....	....	....	...	....	130	18	29	11	....	...	....	....	......	......	....	......	......	......	......	....	......	......	....	......	$ 1,000
November	3	2	1	1	....	48	4	45	14	....	....	....	....	......	......	....	......	......	......	......	....	......	......	....	......	....
December	...	...	3	3	....	79	7	68	16	12	5	....	....	......	......	....	1	1	......	5	$ 8,000	......	......	....	......	$ 1,000
Year	22	12	29	13	$104,600	2034	210	313	105	70	25	....	....	22	13	$ 92,000	24	15	17	76	$270,200	......	......	....	13	$ 8,500

Climatological Data for Year, 1933

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	700	33	63.4	107^{b}	July 11	-1	Feb. 8†	38	46.48	5.30	Aug.	1.87	June	2.8	74	83^{h}	206^{h}	68^{h}	...
Arkadelphia	Clark	250	...	...	...	...	...	...	38	40.85	5.71	Dec.	0.99	Oct.	2.8	97	167	76	122	...
Arkansas City	Desha	145	...	...	...	...	...	...	49	48.50	7.94	July	0.99	June	0.2	85	199	40	126	...
Arlberg	Stone	700	...	...	...	...	...	...	11	47.44	7.57	May	1.60	Nov.	2.1	81	...	...	...	ne.
Batesville	Independence	277	27	59.4	102	July 2	-1	Feb. 9	34	48.36	6.53	Mar.	1.41	Nov.	2.0	116	193	50	122	se.
Bee Branch	Van Buren	700	40	63.0	105	July 2	2	Feb. 8	41	50.07	8.21	May	1.88	June	1.0	106	183	55	127	s.
Bentonville	Benton	1303	28	59.7	101	July 2	-10	Feb. 8	28	54.69	9.62	May	0.14	June	16.8	98	136	92	137	s.
Big Lake Outlet‡‡	Mississippi	...	...	...	...	...	...	...	3	49.41	6.10	Mar.	1.03	June	3.5	73	212	33	120	...
Black Rock	Lawrence	259	...	...	...	...	...	...	32	52.57	9.78	Sept.	0.54	June	4.0	105	211	17	137	s.
Blytheville	Mississippi	252	8	62.7	102	June 21	3	Feb. 9	8	55.57	8.52	Sept.	0.19	June	3.6	106	215	70	80	s.
Booneville	Logan	465	18	64.3	109	July 10	-3	Feb. 8	19	45.57	7.72	Aug.	1.82	Feb.	0.8	100	160	103	102	e.
Brinkley	Monroe	205	46	64.0	104	July 3	0	Feb. 9	46	55.79	11.11	Dec.	1.66	Nov.	2.0	90	190^{d}	58^{d}	113^{d}	ne.
Calico Rock	Izard	361	19	60.1	105	July 2	-7	Feb. 11	26	42.79	7.33	May	0.37	June	3.0	95	163	94	108	se.
Camden	Ouachita	158	42	64.7	105	July 3	6	Feb. 8†	48	50.52	8.86	Dec.	0.82	Nov.	1.9	89	139	78	148	se.
Carthage	Dallas	...	2	63.6	104	July 3	...	...	28	47.46	8.80	Dec.	0.67	June	...	...	...	...	...	...
Center Point	Howard	470	30	66.1	105	June 25†	0	Feb. 8	34	40.28	6.08	Sept.	0.97	June	4.0	87	165	110	90	s.
Clarendon	Monroe	172	...	...	...	...	...	...	29	58.99	12.01	Dec.	0.32	June	2.0	112	147	43	175	s.
Clinton	Van Buren	516	...	...	...	...	...	...	12	46.36	7.62	Sept.	1.03	June	1.5	89	175	94	96	sw.
Conway	Faulkner	309	37	64.4	106	July 3	4	Feb. 8	50	54.89	7.83	May	0.79	June	2.5	101	216	59	90	e.
Corning	Clay	293	33	61.4	102	June 23†	-1	Feb. 11	40	48.17	9.14	Apr.	1.17	June	2.0	89	205	56	104	sw.
Cotter	Baxter	408	...	...	...	...	...	...	6	38.24	7.91	May	0.00	June	2.5	76	196	64	105	nw.
Crossett	Ashley	175	10	65.9	103	July 3	8	Feb. 8†	21	51.91	12.89	July	0.50	Nov.	2.2	77	146	73	144	s.
Danville	Yell	327	...	...	...	...	...	...	17	42.94	5.82	Sept.	0.35	June	2.0	87	163^{c}	100^{c}	99^{c}	...
Dardanelle	Yell	330	24	63.6	102	July 2†	0	Feb. 8	47	39.45	6.98	May	0.91	June	0.8	91	102	150	113	s.
De Valls Bluff	Prairie	153	...	...	...	...	...	...	6	56.03	*9.46*	July	*1.65*	Oct.	2.0	...	...	...	...	...
Dumas	Desha	162	19	66.0	107	July 3	5	Feb. 9	28	52.01	8.01	July	0.17	June	4.0	95	128	125	112	s.
Dutton	Madison	1590	30	...	104	July 10	...	...	30	...	...	...	...	...	...	...	...	...	...	...
El Dorado	Union	270	29	67.5	104	July 3	7	Feb. 8	32	61.04	12.09	July	0.88	Nov.	0.5	92	117	113	135	se.
England	Lonoke	229	26	64.3	107^{e}	July 3	4^{b}	Feb. 9	26	50.32	9.38	May	0.49	June	2.5	107	176*	50*	99*	s.
Eureka Springs	Carroll	1465	32	61.4	103	July 2†	-11	Feb. 8	33	44.08	6.43	Sept.	0.20	June	10.2	100	172	96	97	sw.
Fayetteville	Washington	1451	42	61.0	104	June 23	-9	Feb. 8	46	54.18	11.07	Sept.	0.18	June	10.0	115	167	113	85	sw.
Fort Smith	Sebastian	457	52	64.0	104	July 10	-3	Feb. 8	52	39.68	7.16	Sept.	0.72	June	1.8	102	137	114	114	e.
Freeman Springs‡‡	Pope	2240	...	...	...	...	...	...	9	55.47	7.88	Aug.	1.96	Nov.	6.6	101	204	42	119	sw.
Fulton	Hempstead	260	...	...	...	...	...	...	48	40.75	6.03	Dec.	1.03	June	T.	73	166	60	139	...
Georgetown	White	200	...	...	...	...	...	...	21	51.79	7.64	July	1.14	Oct.	2.5	88	177	36	152	...
Gilbert	Searcy	675	...	...	...	...	...	...	9	41.00	6.37	May.	1.49	June	5.5	...	...	...	...	...
Grannis	Polk	900	13	62.0	109	July 11	-2	Feb. 8	14	60.41	14.92	Sept.	1.80	June	1.5	121	151	115	99	e.
Gravette	Benton	1250	35	60.0	104	June 25†	-11	Feb. 8	36	56.56	12.20	Sept.	0.82	June	15.8	93	158	94	113	se.
Harrison	Boone	1052	32	60.7	104	July 2	-7^{e}	Feb. 8	33	42.42	9.51	May	0.80	June	6.0	98	234	47	84	...
Helena	Phillips	250	35	63.7	101	June 9	3	Feb. 9	61	62.00	9.93	May	0.93	Oct.	1.6	108	115	119	131	s.
Higden	Cleburne	445	...	...	...	...	...	...	14	46.78	8.85	May	0.58	Oct.	1.8	...	...	...	...	...
Highland	Pike	...	4	66.3	105	June 22†	0	Feb. 8	14	41.87	6.91	May	0.95	June	2.0	81	89	184	92	s.
Hope	Hempstead	377	27	65.8	106	July 11	2	Feb. 8	63	41.64	6.19	Dec.	1.16	Nov.	3.0	76	188^{p}	72^{p}	89^{p}	...
Hot Springs	Garland	600	36	65.0	103	July 10	1	Feb. 8	42	45.00	5.89	Jan.	2.37	July†	3.9	96	131	156	78	...
Index‡‡	Little River	275	...	...	...	...	...	...	8	40.47	7.70	July	0.12	June	1.5	...	...	...	...	...
Jessieville	Garland	750	...	...	...	...	...	...	7	46.34	7.30	May	1.73	Oct.	3.0	72	115	133	117	...
Jonesboro	Craighead	345	37	63.2	103	July 2	8	Feb. 8	38	47.22	8.37	Mar.	0.55	June	5.0	103	227	63	75	nw.
Lead Hill	Boone	650	16	60.7	107	July 2†	-13	Feb. 11	27	41.85	8.12	Sept.	0.20	June	2.0	95	223	44	98	w.
LITTLE ROCK	Pulaski	357	54	63.6	101	July 3	4	Feb. 8	54	46.60	6.54	Aug.	0.99	June	2.7	117	134	93	138	s.
Lutherville‡‡	Johnson	775	35	62.6	105	July 3	-5	Feb. 8	34	51.38	7.27	May	0.96	June	6.3	93	176	59	130	se.
Madison	St. Francis	...	...	...	...	...	...	...	3	53.16	11.48	Dec.	0.58	June	2.5	80	191	4	170	...
Magnolia	Columbia	315	14	66.9	103	July 11	4	Feb 8	17	46.37	10.04	July	0.17	Sept.	2.0	73	96^{f}	173^{f}	90^{f}	sw.
Malvern	Hot Springs	277	45	64.7	108	July 3	2	Feb. 9	47	47.31	6.24	May	0.94	June	4.0	102	219	69	77	s.
Mammoth Spring	Fulton	600	28	60.1	100	June 21	-4	Feb. 11	29	51.27	6.82	Apr.	1.45	June	2.0	80	195	79	91	nw.
Marianna	Lee	235	21	64.5	102	July 3	6	Feb. 8	22	52.69	11.48	Dec.	1.15	Nov.	1.5	94	116	150	99	ne.
Marked Tree	Poinsett	229	17	61.5	100	June 22†	4	Feb. 9	29	49.10	7.41	May	1.00	June	1.8	94	140	152	73	n.
Marshall	Searcy	1070	18	59.3	101	July 2	-7	Feb. 8†	19	44.25	7.08	May	1.95	Jan.	5.0	98	187	60	118	s.
Mena	Polk	1185	41	62.8	104	July 11	-4	Feb. 8	45	48.89	7.21	Sept.	1.93	June	1.5	115	160	72	133	sw.
Morrilton	Conway	347	11	62.0	104	June 22	4	Feb. 8†	14	43.46	7.43	May	2.02	June	2.0	95	165	73	127	e.
Mountain Home	Baxter	800	16	60.7	106	July 2	-6	Feb. 8	21	42.52	9.48	May	0.00	June	2.0	79	169	52	144	s.
Mount Ida	Montgomery	650	18	61.9	107	July 3	-4	Feb. 9	34	45.30	6.64	Aug.	1.09	June	3.0	87	171	83	111	w.
Newport	Jackson	231	45	62.8	102	June 22	3	Feb. 8	50	53.90	8.08	Sept.	1.12	Nov.	2.0	109	161	91	113	n.
Norman	Montgomery	750	...	...	...	...	...	...	5	50.59	7.91	May	1.38	June	2.2	98	155	81	129	...
Oden	Montgomery	800	...	...	...	...	...	...	7	40.33	5.17	May	1.39	June	1.2	90	136	124	105	s.
Okay	Howard	288	5	65.4	106	July 3	2	Feb. 8†	4	40.99	6.26	July	0.63	June	1.0	96	182	108	75	s.
Osceola	Mississippi	240	30	64.0	102	June 20†	3	Feb 9	37	47.16	7.02	May	1.48	Nov.	3.5	89	165^{a}	104^{a}	95^{a}	s.
Ozark	Franklin	396	36	62.1	106	July 2	-3	Feb. 8†	38	42.69	7.40	Sept.	0.26	June	0.8	92	200	21	144	e.
Paragould	Greene	301	...	...	...	...	...	...	10	58.95	10.04	Sept.	0.70	June	3.8	102	214	77	74	se.
Parkin	Cross	...	...	...	...	...	...	...	3	55.69	8.83	Dec.	1.07	Nov.	3.0	...	...	...	...	...
Patterson	Woodruff	196	...	...	...	...	...	...	17	56.07	10.76	Dec.	*1.14*	Oct.	2.5	...	...	...	...	...
Piggott	Clay	307	...	...	...	...	...	...	9	53.03	8.36	May	0.43	June	5.7	105	195^{h}	58^{h}	104^{h}	sw.
Pine Bluff	Jefferson	215	45	66.0	103	July 3	8	Feb. 8†	46	51.47	10.40	Dec.	0.97	June	2.3	98	157^{a}	93^{a}	114^{a}	sw.
Pocahontas	Randolph	309	39	61.2	101	July 2†	-4	Feb. 11	40	50.77	6.93	May	1.45	Nov.	5.0	93	152	72	141	sw.
Portland	Ashley	122	27	66.6	103	July 3	8	Feb. 8	27	47.18	9.07	July	0.73	Oct.	1.0	83	122	124	119	n.
Prescott	Nevada	329	44	66.4	105	July 3	2	Feb. 8	45	43.10	7.78	Aug.	1.35	Oct.	2.6	88	147	99	119	s.
Rison	Cleveland	243	26	65.7	103	July 3	5	Feb. 9	33	53.87	10.17	Dec.	1.00	Nov.	1.0	85	189^{a}	87^{a}	88^{a}	sw.
Rogers (near)	Benton	1385	40	60.6	104	June 25†	-10	Feb. 8	43	50.30	10.05	Sept.	0.13	June	12.1	90	192	62	111	s.
St. Francis	Clay	290	...	...	...	...	...	...	6	56.49	9.26	May	0.73	June	3.1	93	207	68	90	...
Searcy	White	236	20	62.2	101	June 22	3	Feb. 8	23	54.97	6.65	July	1.58	Oct.	3.9	116	211	45	109	sw.
Story	Montgomery	700	...	...	...	...	...	...	9	44.85	6.94	April	0.80	June	5.7	85	195	84	86	s.
Stuttgart	Arkansas	209	43	65.2	105	July 3	6	Feb. 9	46	56.87	10.74	Dec.	0.55	June	1.7	96	185^{b}	88^{b}	90^{b}	sw.
Subiaco	Logan	1050	36	63.9	107	June 23†	-2	Feb. 8	36	40.88	7.64	May	0.75	June	0.5	97	190	72	103	se.
Sunset	Washington	...	2	59.8	99	July 3†	-13	Feb. 8	2	59.71	12.40	May	1.35	July	17.4	111	189	91	85	sw.
Texarkana	Miller	332	47	65.7	108	July 11	0	Feb. 8	48	46.85	7.70	July	0.72	June	1.0	77	179	62	124	n.
Thornburg	Perry	650	11	61.5	106	July 3	-3	Feb 9	13	50.08	7.02	May	0.53	June	4.2	101	188	86	90	s.
Waldron	Scott	675	...	...	...	...	...	...	14	46.89	*6.55*	May	0.48	June	3.5	...	...	...	...	...
Warren	Bradley	206	37	66.4	103	July 3	5	Feb. 8	39	50.47	9.01	Dec.	0.96	Nov.	1.2	89	205	85	75	nw.
Waters	Montgomery	800	...	...	...	...	...	...	9	41.12	5.02	May	1.32	June	3.1	77	127	101	137	w.
Wilson	Mississippi	237	8	62.2	100	July 2	1	Feb. 9	8	46.33	7.62	Dec.	0.20	June	1.5	71	228^{b}	46^{b}	89^{b}	s.
Wynne	Cross	250	25	62.0	100	June 21†	0	Feb. 9	25	55.65	9.43	Dec.	0.23	June	3.5	77	162	93	110	s.
Yancopin	Desha	167	...	...	...	...	...	...	9	64.71	9.40	July	0.99	Oct.	2.2	101	149^{a}	65^{a}	150^{a}	...

The departures from normal temperature and precipitation are computed only for stations having ten or more years record, but all complete reports are used in determining section means. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing: for example ^{b} represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:-Big Lake Outlet, Manilla, Ark., Freeman Springs, Dover, Ark., Index, Route 5, Texarkana, Ark., Lutherville, R. F. D. No. 1, Lamar, Ark. Springbank, Doddridge, Ark. *40 days missing.

Monthly and Annual Mean Temperatures for the Year 1933, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	48.0	+4.8	39.8[a]	-4.8	52.4	-2.2	61.2	-0.6	70.9[d]	+1.6	79.8	+2.7	82.5[b]	+1.8	81.5	+1.1	79.2[a]	+4.6	63.5	+0.3	53.4	+1.0	49.1	+6.1	63.4	+1.3
Batesville	43.4[f]	+5.5	36.6	-4.2	47.6	-3.2	57.2	-1.8	68.6	+1.4	76.3	+1.1	78.9	-0.7	76.4	-2.7	77.2	+4.6	58.8	-1.8	48.5	-0.7	43.5	+3.3	59.4	0.0
Bee Branch	48.3	+7.8	40.8	-1.6	52.4	+0.6	61.4	+0.4	71.7	+3.4	75.8	+2.1	81.8	+1.4	78.5	-1.1	78.5	+4.3	62.5	+0.7	53.0	+2.3	48.0	+6.0	63.0	+2.2
Bentonville	45.8	+9.6	36.6	-3.0	48.6	+0.2	56.8	-0.8	67.5	+2.5	77.1	+3.7	79.8	+2.4	76.2	-0.6	74.7	+3.9	58.4	-0.5	49.8	+1.6	45.3	+7.3	59.7	+2.2
Blytheville	48.4[a]	....	40.8	....	51.2	....	60.4	....	72.1	....	79.3	....	80.4	....	78.4	....	78.8	....	61.2	....	54.0[i]	....	47.8	....	62.7	....
Booneville	50.4	+10.2	42.1	-3.9	52.9	-0.8	62.2	0.0	72.4	+2.4	79.2	+1.8	82.9	+2.6	80.7	-1.3	80.0	+4.4	65.0	+1.6	53.3	+6.8	50.0	+6.2	64.3	+2.0
Brinkley	50.2	+8.4	42.9[a]	-0.9	53.6	+0.2	62.2	+0.2	73.2	+3.2	78.4	+0.6	80.7	-0.3	79.2[a]	-1.2	79.6[a]	+4.8	63.6[a]	+1.2	53.5	+1.8	50.4	+6.8	64.0	+2.1
Calico Rock	43.8	+8.0	36.0	-5.8	48.2	-0.1	57.9	-1.3	69.6	+2.8	78.0	+2.2	81.2	+1.3	77.8	-1.2	77.3	+4.9	59.0	-1.4	48.6	+1.6	44.2	+5.1	60.1	+1.3
Camden	49.8	+5.4	44.2	-3.0	54.2	-1.2	61.4[a]	-2.0	75.0	+4.1	78.2	0.0	82.2[d]	+1.2	80.7	+0.3	80.0	+4.6	64.4	+0.7	54.4	+2.4	52.2	+7.2	64.7	+1.6
Carthage	50.2	....	45.8	....	56.8	....	59.8	....	71.6	....	77.1	....	80.2[a]	....	79.4[a]	....	78.6	....	62.0	....	52.0	....	49.2	....	63.6	....
Center Point	51.0	+6.4	44.2	-2.8	55.7	-0.5	62.8[a]	-0.4	74.4	+3.6	80.6	+2.0	83.6	+2.1	83.2	+1.0	81.3	+4.4	66.5	+1.2	57.0	+2.8	53.4	+8.5	66.1	+2.3
Conway	49.4	+7.7	42.4	-1.6	53.6	-0.2	62.6	+0.6	73.2	+3.3	79.4	+1.3	82.5	+0.9	80.6	-0.8	80.2	+5.2	64.2	+1.0	55.2	+3.5	50.1	+7.6	64.4	+2.3
Corning	46.2	+8.8	38.8	-0.7	49.4	-1.6	59.8	-0.2	71.1	+3.1	78.7	+3.0	80.7	+1.5	77.6	-0.7	77.5	+5.1	60.4	+0.7	50.3	+2.0	46.5	+6.7	61.4	+2.3
Crossett	51.1	....	47.0	....	55.4	....	64.2	....	75.8	....	78.2	....	81.5	....	81.2	....	80.6[b]	....	66.4	....	56.3[a]	....	53.2[d]	....	65.9	....
Dardanelle	49.2	+8.7	42.0	-2.8	53.4	+0.8	62.2	-0.4	72.2	+2.3	79.0	+0.7	82.4	+0.7	79.8	-1.0	79.0	+4.2	63.4	+0.2	52.4	+0.6	48.8	+6.0	63.6	+1.6
Dumas	52.4	+8.8	45.1	-4.0	56.4	+0.8	63.8	+0.3	75.4	+4.2	80.0	+1.0	82.8	+1.0	81.4	+0.3	81.2	+5.3	64.6	-0.2	55.2	+1.8	54.3	+7.7	66.0	+2.2
Dutton	....	....	....	....	....	....	....	....	....	....	73.0	+1.4	76.9	+1.7	73.2	-1.4	72.0	+3.5	55.8	-0.6	47.6	+1.0	42.9	+5.7	....	....
El Dorado	53.4	+7.6	48.4	-0.2	58.4	+2.0	65.1	+0.8	75.9	+4.7	80.0	+0.6	82.8	+0.8	81.6	-0.2	81.6	+4.8	68.0	+2.6	58.0	+3.2	56.8	+10.4	67.5	+3.1
England	51.2[b]	+8.8	42.2[b]	-5.0	54.2[a]	+0.6	62.0[a]	-0.8	72.8[d]	+2.8	79.4[a]	+1.2	81.2[c]	-0.1	80.4[i]	-0.2	80.0[b]	+5.0	64.0	+0.2	53.9[b]	+0.8	50.5[c]	+6.5	64.3	+1.6
Eureka Springs	47.6	+9.9	38.9	-1.9	50.2	-0.2	58.6	-0.4	68.6	+2.1	79.4	+5.4	81.2	+3.2	77.1	-1.2	76.2	+4.3	60.1	-0.4	51.8	+0.8	47.3	+7.7	61.4	+2.4
Fayetteville	46.6	+8.8	38.6	-1.4	50.0	+0.4	58.4	-0.1	68.3	+2.0	77.8	+3.6	81.6	+3.6	77.2	-0.8	75.6	+3.4	60.3	-0.5	50.8	+1.4	47.2	+7.6	61.0	+2.3
Fort Smith	48.4	+8.9	41.4	-1.4	52.6	0.0	61.7	-0.1	71.8	+2.2	80.8	+3.3	84.1	+2.6	80.6	+0.1	79.7	+5.7	63.8	+1.0	54.2	+3.2	48.4	+6.3	64.0	+2.7
Grannis	45.6	+5.0	38.6	-7.0	50.8	-0.9	59.0	-1.5	69.6	+2.6	75.2	+0.2	80.6	+1.8	78.8	-0.4	76.9	+3.4	64.0	+1.8	53.0	+2.0	52.4	+7.6	62.0	+1.2
Gravette	45.4	+9.0	36.8	-1.8	49.2	+3.4	57.7	+0.5	66.8	+1.5	77.8	+4.1	80.9	+3.7	76.4	-1.0	74.6	+4.0	59.0	-0.5	49.2	+0.2	45.6	+7.7	60.0	+2.6
Harrison	45.2	+9.0	38.7[b]	+0.1	49.5	+0.8	58.6	+1.3	70.2	+4.5	78.8[b]	+5.8	80.4	+3.6	77.2	+0.7	75.1	+5.1	58.6	-0.6	50.4	+1.8	45.6	+7.8	60.7	+3.3
Helena	50.6	+8.0	43.2	-1.6	53.4	-0.4	60.8	-2.0	72.7	+1.9	77.5	-0.8	80.8	-0.8	79.1	-1.5	79.4	+4.1	63.5	+0.2	52.8	0.0	50.9	+6.4	63.7	+1.1
Highland	52.2	....	44.0	....	54.6	....	62.6	....	73.4	....	82.5	....	81.4	....	83.0	....	82.0	....	66.8	....	57.6	....	52.0	....	66.3	....
Hope	52.2	+7.0	44.9	-3.4	56.4	-0.6	64.4[a]	+0.5	74.5[a]	+3.4	80.0	+1.2	83.0	+1.6	81.2	-1.0	80.2[b]	+3.7	64.4[c]	-1.4	55.2[a]	+0.8	53.5	+6.5	65.8	+1.5
Hot Springs	51.6	+8.6	42.6	-4.2	54.6	+0.8	63.2	+0.4	74.4	+4.8	79.6	+1.8	82.0	+0.5	81.8	+1.1	80.0	+4.6	65.4	+1.4	56.6	+4.2	48.8	+4.8	65.0	+2.4
Jonesboro	48.0	+8.0	41.2	-0.8	51.4	-1.0	61.3	0.0	72.4	+2.9	80.1	+2.6	81.8	+1.4	79.4	-0.6	79.2	+4.8	62.2	-0.2	53.0	+1.8	48.1	+6.8	63.2	+2.2
Lead Hill	44.8	+7.5	37.4	+0.4	49.2	0.0	58.4	-1.4	69.8	+2.0	77.6	+2.7	81.7	+2.3	77.8	-0.8	76.6	+4.4	60.2	-0.4	50.1	+2.1	45.2	+5.4	60.7	+2.0
LITTLE ROCK	50.2	+8.8	42.0	-2.9	52.7	-0.3	61.4	-0.7	72.2	+1.9	79.4	+2.0	81.0	+0.1	79.2	-0.6	79.2	+5.1	63.4	-0.2	53.6	+1.5	48.8	+4.6	63.6	+1.6
Lurton	....	....	....	....	....	....	58.4[d]	....	69.2[b]	....	77.0[d]	....	79.0[d]	....	....	....	....	....	....	....	....	....	....	....	....	....
Lutherville	47.4	+7.6	40.6	-1.3	51.0	-0.8	60.4	+0.2	70.2	+2.2	79.2	+3.4	81.7	+2.1	78.6	-0.8	78.1	+4.3	62.8	+0.8	53.3	+2.5	48.3	+7.1	62.6	+2.2
Magnolia	53.2	+6.9	47.1	-4.3	57.4	+0.4	64.6	+0.2	74.9[e]	+3.6	78.9	-0.1	82.5	+0.4	82.0	-0.2	80.9	+4.9	67.2[a]	+1.0	57.8	+3.6	56.5	+8.1	66.9	+2.0
Malvern	50.1	+7.3	43.2	-3.9	54.8	+0.8	62.8	+1.1	73.0	+3.1	79.0	+1.2	82.2	+1.1	80.8	+0.7	79.6	+5.0	64.8	+1.7	54.6	+2.6	51.2	+7.8	64.7	+2.4
Mammoth Spring	45.1	+8.1	38.8	-1.0	47.8	-2.2	59.0	-0.2	68.8	+3.8	76.6	+2.4	79.2	+1.0	75.6	-1.8	75.0	+3.6	59.0	+0.1	50.2	+1.8	45.6	+6.4	60.1	+1.9
Marianna	50.6	+9.4	44.8	-0.5	54.8	+0.8	63.0	+0.9	73.8	+3.6	79.5	+1.2	81.0	+0.2	79.0	-0.8	79.1	+5.3	63.2	-0.1	53.8	+1.8	51.6	+8.4	64.5	+2.5
Marked Tree	46.8	+8.5	39.9	-3.7	49.6	-1.5	59.4	-2.2	71.7	+2.7	78.6	+0.6	80.1	-0.7	78.0	-1.0	78.2	+4.6	60.2	-0.8	49.0[b]	+0.2	46.6	+5.4	61.5	+1.0
Marshall	44.7	+5.8	36.8	-7.0	48.4	-3.4	57.6	-3.2	67.2	0.0	74.4	-1.1	78.5	-0.4	74.5[d]	+0.9	75.8[d]	+3.6	58.0	-3.8	50.4	-0.6	45.4	+2.1	59.3	-0.5
Mena	48.8	+7.6	40.8	-3.2	53.0	+0.6	60.2	-1.4	71.0	+2.4	77.5	+1.1	80.4	+0.5	77.9	-1.9	77.5	+3.5	62.8	0.0	53.2	+1.0	50.0	+7.4	62.8	+1.5
Morrilton	47.5	....	40.0	....	51.0	....	60.2	....	70.8	....	79.0	....	80.7	....	79.2	....	78.4	....	60.8	....	50.8	....	45.2	....	62.0	....
Mountain Home	45.3	+9.1	37.6	-4.6	48.8	-1.9	58.3	-0.5	69.2	+3.2	77.8	+3.4	80.6	+2.4	77.0	-0.6	76.6	+5.4	59.8	-0.4	50.9	+2.8	46.0	+5.6	60.7	+2.0
Mount Ida	47.4	+7.0	39.2	-6.8	51.5	-1.1	59.6	-1.8	70.0	+1.8	75.2	-0.6	80.2	+0.6	78.7	-0.7	77.0	+3.9	61.6	+0.2	52.6	+2.3	50.0	+7.2	61.9	+1.0
Newport	48.2	+8.9	40.8	-0.8	51.7	-0.9	61.2	-0.8	72.0	+2.0	78.6	+0.8	80.7	-0.5	78.8	-1.2	79.4	+5.4	61.6	-0.3	52.5	+1.5	47.9	+7.7	62.8	+1.7
Okay	51.2	....	44.5	....	57.0	....	63.8	....	73.3	....	78.1	....	82.4	....	80.6	....	80.0	....	65.6	....	55.8	....	52.4	....	65.4	....
Osceola	49.3	+9.7	42.2	-0.6	52.7	-0.8	61.6	+1.2	73.1	+3.9	80.4	+3.1	81.6	+1.2	80.4[a]	+1.4	81.0	+7.2	63.4[a]	+1.4	53.1	+3.1	49.8	+6.9	64.0	+3.1
Ozark	46.0	+5.5	38.7	-4.5	50.2	-2.6	59.4	-2.8	70.3	+0.5	79.2	+1.4	84.6	+2.8	80.0	-1.6	78.0	+2.2	61.8	-1.6	51.0	-0.6	46.2	+5.0	62.1	+0.3
Pine Bluff	52.7	+9.4	34.8	-0.4	56.9	+2.1	64.2	+0.8	74.1	+2.7	79.1	-0.1	81.6	-0.8	81.0	-0.7	81.4	+6.5	66.0[b]	+1.8	56.2	+3.2	53.0	+8.1	66.0	+2.7
Pocahontas	46.4	+8.1	38.6	-2.6	50.0	-1.2	60.0	-0.2	70.2	+1.8	78.0	+1.6	80.4	+0.2	77.2	-2.2	77.2	+3.8	60.3	-1.3	50.7	+0.7	45.8	+5.7	61.2	+1.2
Portland	53.1	+6.7	48.8	-0.6	58.3	+1.5	64.4	-0.2	75.6	+4.0	78.3	-1.1	81.8	0.0	80.8	-0.6	80.5	+4.1	65.4	+0.8	55.8	+1.7	56.2	+8.7	66.6	+2.1
Prescott	52.4	+8.4	45.4	-1.6	57.8	+2.2	64.8	+1.5	74.8	+4.4	79.8	+1.1	83.3	+1.4	81.4	-0.1	80.8	+4.8	66.4	+1.8	56.8	+2.8	53.6	+8.0	66.4	+2.8
Rison	52.8	+8.6	45.8	-0.8	56.8	+1.7	64.4	+0.6	73.6	+2.7	76.4	-2.2	81.8	+0.3	80.5	-1.2	80.2	+4.2	66.0[a]	+1.8	56.2	+2.8	53.6	+7.5	65.7	+2.2
Rogers	45.6	+8.8	37.8	-1.2	50.0	+0.8	58.8	+0.4	68.4	+2.6	77.6	+4.3	81.0	+3.9	77.0	-0.2	75.2	+4.2	60.2	+0.6	50.2	+1.4	46.0	+7.2	60.6	+2.7
St. Charles	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Searcy	48.0	+8.3	40.6	-4.6	51.8	-0.6	60.6	-1.2	71.2	+2.6	77.4	+0.2	79.6	-1.1	77.5	-2.6	78.0	+3.8	61.3	-1.0	52.2	+1.4	47.7	+4.9	62.2	+0.9
Stuttgart	51.3	+8.8	43.8	-1.0	55.4[a]	+1.6	63.0	+0.7	73.5	+3.7	79.6	+1.8	82.3	+1.3	80.3	-0.3	80.2	+5.2	64.2	+1.1	55.8	+3.6	52.4	+8.6	65.2	+3.0
Subiaco	43.8	+7.5	41.8	-1.6	52.2	-1.1	60.3[a]	-1.5	71.7	+1.7	80.6	+3.0	84.9	+3.4	80.4[b]	-1.0	79.0	+4.9	63.3	-0.3	54.7[b]	+1.9	48.9	+6.3	63.9	+1.9
Sunset	45.6	....	37.4	....	48.1	....	57.0	....	66.6	....	76.5	....	79.2	....	75.2	....	74.8	....	60.0	....	50.6	....	47.2	....	59.8	....
Texarkana	53.2	+7.2	44.8	-3.6	56.6	+0.1	63.7	-0.5	73.6	+2.0	79.2	0.0	82.2	-0.2	81.8	-1.4	79.9	+3.1	64.4	-1.4	56.2	+1.0	53.6	+6.8	65.7	+1.1
Thornburg	48.1[a]	....	40.2	....	51.0	....	59.2[a]	....	69.5	....	75.2	....	80.6	....	77.7	....	77.4	....	60.6	....	51.2	....	47.8[a]	....	61.5	....
Warren	52.6	+7.6	45.6	-1.1	57.6	+1.5	65.6	+2.3	75.6	+4.4	80.2[d]	+1.2	82.7	+0.5	80.6	-0.8	79.9	+3.9	65.9	+1.9	56.2	+2.5	54.9	+10.1	66.4	+2.8
Wilson	48.5	....	41.0	....	50.4	....	60.7	....	72.2	....	77.7	....	79.8	....	77.4	....	77.9	....	61.4[b]	....	51.1	....	48.0[b]	....	62.2	....
Wynne	47.0	+6.6	41.5	-3.3	51.0	-0.7	60.6	-1.2	71.6	+2.0	77.0	-1.0	79.6	-1.7	78.0	-2.0	77.4	+3.1	61.7	-1.1	50.1	-1.3	48.0	+5.6	62.0	+0.5

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing

COOPERATIVE OBSERVERS

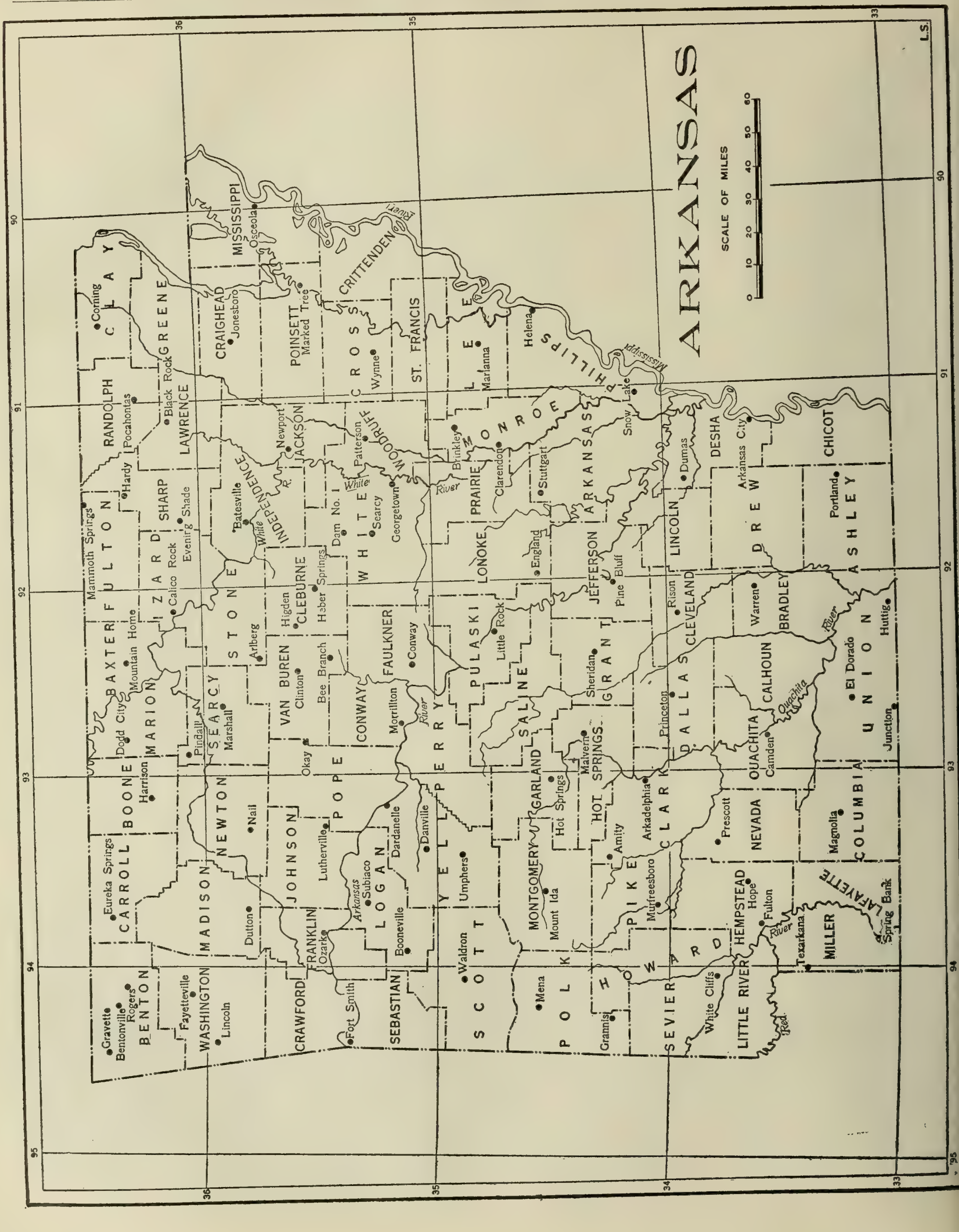
Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
Amity	J. W. Campbell	De Valls Bluff	H. G. Pate	Lead Hill	J. H. Crosswhite	Piggott	V. C. Wright
Arkadelphia	W. K. Bown	Dumas	Ben Johnson	Little Rock	U. S. Weather Bureau	Pine Bluff	Miss Theresa Scheu
Arkansas City	Herbert Neff	Dutton	J. M. Ricketts	Lurton	Miss Mary Sutton	Pocahontas	Benedictine Sisters
Arlberg	J. D. Reeves	El Dorado	J. J. Babb	Lutherville	H. G. Lenhardt	Portland	W. E. Edmiston
Batesville	Mrs. Lelia I. Teter	England	Dr. R. H. Hardin	Madison	J. W. Eppes	Prescott	Craig Williams
Bee Branch	J. E. Scanlan	Eureka Springs	Geo. W. Nichoalds	Magnolia	State Agr. School	Rison	Mrs. M. V. Tisdale
Bentonville	U. S. Weather Bureau	Fayetteville	University of Ark.	Malvern	Mrs. W. L. Matthews	Rogers	Carl A. Starck
Big Lake Outlet	C. J. Brooks	Fort Smith	U. S. Weather Bureau	Mammoth Spring	S. F. Whittaker	St. Charles	
Black Rock	Vernon C. Howe	Freeman Springs	J. R. Mc Cuiston	Marianna	C. N. Houck	St. Francis	S. T. Rooney
Blytheville	Samuel Norris	Fulton	T. J. Logan	Marked Tree	Chas. Walton	Searcy	Arthur D. Smith
Booneville	F. H. Randolph	Georgetown	Mrs. W. R. Owens	Marshall	A. J. Parks	Springbank	Miss Grace Field
Brinkley	Robt. J. Torry	Gilbert	S. G. Battenfield	Mena	E. W. St. John	Story	S. C. Story
Calico Rock	E. R. Wiseman	Grannis	W. E. McVay	Morrilton	Miss Ruby Cook	Stuttgart	Mrs. Kress Swim
Camden	J. M. Knight	Gravette	A. F. Stevens	Mountain Home	B. S. Halbert	Subiaco	New Subiaco Abbey
Carthage	P. K. Wylie	Harrison	Louis R. Keck	Mount Ida	G. A. Whittington	Sunset	Walter James
Center Point	John C. Floyd	Helena	James A. Burnett	Newport	J. D. Henderson	Texarkana	H. S. Brashear
Clarendon	J. W. Bishop	Higden	Trumon Brown	Norman	U. S. Forest Service	Thornburg	Edward E. Holmes
Clinton	A. L. Stephens	Highland	J. O. Cooley	Oden	U. S. Forest Service	Waldron	Dr. Cheves Bevill
Conway	E. E. Cordrey	Hope	N. P. O'Neal	Okay	Charles R. Jackson	Warren	Miss Evelyn Hoyle
Corning	Winfred D. Polk	Hot Springs	National Park Serviee	Osceola	Mrs. Ruth H. Douglas	Waters	J. R. Huddleston
Cotter	O. B. McSpadden	Index	H. G. Sanderson	Ozark	Orkney O. Milton	Whitecliffs	Charles Huff
Crossett	G. A. Gifford	Jessieville	U. S. Forest Service	Paragould	W. R. Heagler	Wilson	D. O. Anderson
Danville	J. M. Patterson	Jonesboro	Benedictine Sisters	Parkin	Carroll King	Wynne	R. T. Cobbs
Dardanelle	Geo. N. Goodier			Patterson	W. E. Baker	Yancopin	W. E. Barton

Monthly and Annual Precipitation for the Year 1933, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
nity	4.58	+0.07	4.11	+0.57	3.63	−1.11	5.18	+0.01	4.11	−1.08	1.87	−3.03	2.63	−0.92	5.30	+1.32	3.35	+0.25	2.74	−0.52	4.80	+1.11	4.18	+0.13	46.48	− 3.20
kadelphia	3.65	−0.79	4.76	+1.08	3.50	−1.30	4.27	−0.87	5.03	−0.53	2.79	−2.00	3.33	−0.50	2.74	−1.32	1.12	−1.87	0.99	−2.13	2.96	−0.73	5.71	+0.83	40.85	−10.13
kansas City	3.39	−1.12	6.20	+1.83	6.54	+1.12	4.84	−0.07	3.67	−1.00	0.99	−2.87	7.94	+4.32	2.26	−1.49	2.63	−0.23	1.33	−1.04	1.09	−2.80	7.62	+2.62	48.50	− 0.73
lberg	3.64	−1.26	2.78	−0.68	5.06	+1.43	4.66	−0.94	7.57	+2.08	3.41	−1.79	2.15	−1.79	4.81	−0.13	4.25	+0.65	4.00	−0.56	1.60	−2.06	3.51	−1.01	47.44	− 6.06
tesville	2.68	−1.85	3.68	+0.39	6.53	+2.34	5.86	+0.86	5.32	+0.32	2.59	−1.42	4.44	+1.18	3.51	−0.92	6.38	+2.69	2.59	−0.67	1.41	−2.08	3.37	−0.32	48.36	+ 0.52
e Branch	3.26	−1.13	3.02	−0.01	5.61	+0.93	4.39	−0.47	8.21	+3.08	1.88	−2.40	2.35	−1.06	4.11	+0.17	6.57	+3.35	2.76	−0.59	3.07	−0.41	4.84	+0.96	50.07	+ 2.42
ntonville	3.80	+1.06	1.76	−0.39	2.19	−1.38	6.93	+2.07	9.62	+4.69	0.14	−5.18	4.57	+0.87	6.82	+2.61	8.62	+4.84	5.33	+1.83	2.71	−0.43	2.20	−0.17	54.69	+10.45
g Lake Outlet‡‡	5.67	......	2.15	......	6.10	......	3.62	......	5.96	......	1.03	......	4.46	......	5.57	......	5.55	......	2.56	......	1.05	......	5.69	......	49.41	......
ack Rock	2.62	−1.93	2.94	−0.10	7.50	+3.35	5.65	+0.09	5.58	+0.41	0.54	−3.34	5.35	+1.70	3.49	−0.92	9.78	+6.06	4.12	+0.78	1.54	−2.62	3.46	−0.26	52.57	+ 3.22
ytheville	7.33	......	2.18	......	7.36	......	3.53	......	5.58	......	0.19	......	6.51	......	4.87	......	8.52	......	3.08	......	1.34	......	5.08	......	55.57	......
oneville	3.73	−0.44	1.82	−0.31	4.23	+0.97	4.15	−0.97	7.11	+1.69	2.31	−2.10	2.16	−1.12	7.72	+4.40	2.94	−0.43	2.12	−1.35	1.96	−1.47	5.32	+2.16	45.57	+ 1.03
inkley	2.39	−2.71	3.53	−0.47	5.59	−0.05	3.45	−2.11	6.61	+1.62	3.50	−0.07	9.38	+5.55	2.29	−1.23	4.46	+0.98	1.82	−1.28	1.66	−2.53	11.11	+6.25	55.79	+ 3.95
lico Rock	4.08	+0.44	2.09	−0.38	3.69	+0.30	4.52	−0.41	7.33	+2.61	0.37	−3.68	3.71	+0.27	2.99	−1.97	6.34	+2.76	2.65	−0.52	1.87	−1.65	3.65	+0.43	42.79	− 1.89
mden	2.90	−2.03	7.54	+3.66	6.42	+1.35	3.31	−1.59	5.23	+0.63	1.48	−2.86	8.26	+4.47	2.23	−0.86	1.19	−2.12	2.28	−0.62	0.82	−3.32	8.86	+4.18	50.52	+ 0.89
rthage	3.06	−1.81	*6.35*	+2.81	*3.97*	−1.09	4.41	−0.65	2.30	−2.77	0.67	−3.30	7.16	+3.10	5.23	+2.45	1.80	−1.49	2.30	−0.84	1.40	−2.34	8.80	+3.60	47.46	− 2.33
nter Point	4.33	+0.26	3.36	−0.01	4.17	−0.50	4.54	−0.71	3.12	−3.18	0.97	−3.22	2.21	−1.48	2.11	−0.73	6.08	+2.57	3.89	+0.63	1.03	−2.52	4.44	+0.06	40.28	− 8.83
arendon	2.28	−2.24	3.88	+0.06	6.16	+1.08	3.82	−2.27	8.17	+3.22	0.32	−3.23	9.53	+6.55	4.00	−0.14	6.20	+2.51	1.48	−1.89	1.14	−2.77	12.01	+7.01	58.99	+ 7.89
inton	4.83	+0.79	2.50	−0.83	4.55	−0.40	4.42	−0.88	7.49	+1.94	1.03	−2.52	2.03	−0.34	4.01	−0.61	7.62	+3.90	1.74	−2.74	2.14	−2.49	4.00	−0.30	46.36	− 4.48
nway	5.59	+1.23	2.24	−1.35	7.53	+3.01	5.88	+1.02	7.83	+2.76	0.79	−3.20	6.67	+3.30	2.10	−1.35	5.33	+1.92	3.28	+0.41	2.02	−1.91	5.63	+1.57	54.89	+ 7.41
rning	2.50	−1.94	3.02	−0.34	5.05	+0.51	9.14	+3.91	6.68	+2.12	1.17	−3.04	3.92	+0.46	5.29	+1.61	4.05	+0.35	3.78	+0.42	1.48	−2.10	2.09	−1.52	48.17	+ 0.47
tter	2.34	......	2.04	......	*2.24*	......	4.82	......	7.91	......	0.00	......	2.11	......	3.97	......	5.60	......	3.09	......	1.86	......	2.26	......	38.24	......
ossett	2.89	−2.27	6.77	+3.73	6.34	+1.29	6.04	+1.22	4.24	−0.28	0.80	−3.94	12.89	+8.54	1.04	−2.61	1.93	−0.62	2.55	−1.69	0.50	−3.76	5.92	+1.70	51.91	+ 1.31
anville	2.57	−1.56	1.92	−0.47	4.22	+0.44	5.71	+0.40	4.75	−0.07	0.35	−4.10	2.96	−0.20	3.12	−0.31	5.82	+2.25	3.00	−1.43	3.30	+0.06	5.22	+1.92	42.94	− 3.07
ardanelle	2.88	−0.58	2.42	−0.54	4.03	−0.23	3.92	−0.35	6.98	+1.57	0.91	−2.79	1.39	−1.98	4.17	+0.51	4.73	+1.30	1.79	−1.22	1.95	−1.56	4.28	+0.99	39.45	− 4.88
e Valls Bluff	3.48	......	3.03	......	5.21	......	4.05	......	7.55	......	1.88	......	*9.46*	......	*3.14*	......	*5.33*	......	*1.65*	......	1.83	......	9.42	......	56.03	......
umas	2.21	−2.66	7.15	+3.16	5.67	−0.47	4.95	−0.01	6.26	+0.97	0.17	−3.62	8.01	+4.41	4.37	+0.90	2.63	−0.71	1.88	−1.55	1.15	−2.91	7.56	+1.93	52.01	− 0.56
utton	......	......	......	......	......	......	......	......	......	......	2.70	−2.86	2.95	−1.26	4.06	−0.06	10.73	+5.85	7.73	+3.92	2.33	−1.14	2.72	−0.97	......	......
Dorado	4.10	−0.02	6.74	+2.69	6.68	+1.63	5.20	−0.41	7.29	+2.39	2.82	−1.07	12.09	+8.15	3.40	+0.09	1.43	−1.60	2.86	−0.38	0.88	−3.41	7.55	+1.94	61.04	+10.00
ngland	3.87	−0.77	3.99	+0.14	4.40	−0.41	4.28	−1.73	9.38	+4.99	0.49	−3.19	8.39	+5.76	2.08	−1.94	3.28	−0.25	2.05	−0.22	1.30	−2.40	6.81	+2.16	50.32	+ 1.14
ureka Springs	4.97	+1.81	2.71	+0.18	2.55	−1.20	6.30	+1.26	5.40	−0.37	0.20	−5.55	1.72	−2.37	5.15	+0.22	6.43	+2.14	3.94	+0.44	1.85	−1.42	2.86	+0.03	44.08	− 4.83
ayetteville	4.64	+1.78	3.56	+1.24	1.90	−1.71	6.64	+2.01	5.88	+0.37	0.18	−4.34	4.25	+0.10	5.93	+1.82	11.07	+7.42	5.92	+2.56	2.27	−0.70	1.94	−0.81	54.18	+ 9.74
ort Smith	2.08	−0.46	1.89	−0.67	2.56	−0.45	3.98	+0.04	6.26	+1.44	0.72	−3.00	2.95	−0.42	6.19	+2.91	7.16	+4.17	2.35	−0.64	1.62	−1.25	1.92	−0.84	39.68	− 0.83
reeman Springs‡‡	3.94	......	2.38	......	4.25	......	4.71	......	6.34	......	3.61	......	2.98	......	7.88	......	7.27	......	5.44	......	1.96	......	4.71	......	55.47	......
ulton	4.08	−0.27	3.73	+0.68	3.38	−1.10	3.97	−0.57	3.02	−1.59	1.03	−2.80	5.39	+2.07	2.84	+0.12	3.98	+1.41	2.05	−0.55	1.25	−2.31	6.03	+2.38	40.73	− 2.55
eorgetown	3.69	−1.69	2.33	−1.06	5.40	+0.37	5.05	−0.69	4.14	−0.59	1.23	−3.09	7.64	+4.95	4.75	+0.92	7.36	+3.42	1.14	−2.60	1.76	−1.71	7.30	+3.06	51.79	+ 1.29
ilbert	1.69	......	2.29	......	3.26	......	3.90	......	6.37	......	1.49	......	*2.79*	......	3.70	......	5.68	......	4.71	......	*2.38*	......	*2.74*	......	41.00	......
rannis	4.89	+0.18	4.60	+0.76	6.38	+2.22	3.61	−2.52	4.07	−2.34	1.80	−3.09	3.96	−0.11	3.40	+0.06	14.92	+10.75	3.04	−2.18	4.09	−0.53	5.65	+1.03	60.41	+ 4.23
ravette	2.50	−0.22	1.59	−0.28	2.13	−1.57	8.26	+3.66	8.46	+2.90	0.82	−4.82	4.23	+0.12	5.19	+1.11	12.20	+8.38	6.69	+3.38	2.49	−0.62	1.83	−0.54	56.56	+11.50
arrison	2.86	−0.17	1.53	−0.95	3.38	+0.29	4.79	−0.17	9.51	+4.28	0.80	−3.40	3.30	−0.73	3.11	−0.69	5.31	+1.21	4.04	+0.88	1.79	−0.94	2.00	−0.61	42.42	− 1.00
elena	1.97	−3.37	7.97	+3.47	6.18	+0.01	5.55	−0.18	9.93	+5.23	3.47	−0.42	8.70	+4.94	3.81	+0.12	3.22	−0.19	0.93	−1.83	1.94	−2.62	8.33	+3.37	62.00	+ 8.53
igden	4.19	−0.46	2.69	+0.06	4.40	−0.63	3.91	−2.12	8.35	+2.05	2.12	−2.08	2.94	+0.08	*4.06*	−0.74	*7.10*	+3.24	0.58	−3.96	2.29	−1.75	4.15	+0.30	46.78	− 6.01
ighland	6.88	+2.36	4.85	+1.92	3.84	−0.22	4.41	−0.99	6.91	+2.80	0.95	−3.12	2.90	+0.43	2.38	−1.07	1.99	−1.21	2.27	−1.83	1.35	−2.36	3.14	−0.18	41.87	− 3.47
ope	3.96	−0.96	3.55	−0.45	4.02	−1.05	5.01	−0.26	3.01	−2.20	2.54	−1.24	4.46	+0.14	4.21	+0.84	2.11	−1.09	1.42	−1.96	1.16	−3.28	6.19	+1.78	41.64	− 9.73
ot Springs	5.89	+1.00	4.06	+0.43	3.55	−1.38	5.42	−0.60	4.96	−1.03	3.55	−1.04	2.37	−1.84	4.20	+0.46	2.37	−1.10	2.46	−0.82	2.49	−1.66	3.68	−0.71	45.00	− 8.29
ndex‡‡	3.95	......	3.30	......	3.21	......	4.86	......	2.77	......	0.12	......	*7.70*	......	*2.68*	......	*3.30*	......	2.38	......	1.25	......	4.95	......	40.47	......
essieville	6.00	......	2.67	......	5.49	......	6.81	......	7.30	......	2.06	......	3.40	......	2.61	......	3.20	......	1.73	......	2.18	......	2.89	......	46.34	......
onesboro	4.19	−0.82	2.38	−1.24	8.37	+3.70	4.16	−0.66	6.42	+2.16	0.55	−3.38	5.33	+2.10	2.31	−1.24	5.77	+2.37	1.48	−1.88	1.30	−2.12	4.96	+0.59	47.22	− 0.42
ead Hill	2.76	−0.14	1.53	−1.81	2.66	−1.43	4.77	+0.56	7.45	+1.80	0.20	−4.59	1.29	−2.99	5.94	+1.90	8.12	+4.49	3.83	+0.42	1.43	−2.19	1.87	−1.30	41.85	− 5.28
ITTLE ROCK	3.30	−1.43	2.66	−1.18	5.30	+0.68	5.10	−0.09	5.93	+1.15	0.99	−2.77	3.97	+0.47	6.54	+2.79	6.00	+2.83	1.61	−1.10	1.68	−2.51	3.52	−0.62	46.60	− 1.78
urton	......	......	......	......	......	......	4.85	......	8.36	......	......	......	3.55	......	......	......	......	......	......	......	......	......	......	......	......	......
utherville‡‡	3.61	−0.25	2.37	−0.63	4.08	+0.21	3.94	−0.96	7.27	+2.12	0.96	−3.41	4.06	+0.37	6.95	+2.92	5.13	+1.09	6.64	+2.68	1.73	−1.75	4.64	+0.74	51.38	+ 3.13
adison	2.38	......	3.98	......	5.09	......	4.49	......	5.83	......	0.58	......	9.86	......	4.02	......	2.23	......	1.83	......	1.39	......	11.48	......	53.16	......
agnolia	4.31	−1.09	6.69	+3.18	5.35	+0.49	3.72	−1.10	3.77	−1.38	0.40	−3.10	10.04	+6.60	1.79	−1.17	0.17	−2.14	3.18	−0.37	0.81	−3.42	6.14	+1.33	46.37	− 2.17
alvern	3.84	−1.70	5.80	+2.14	4.49	−0.67	4.69	−0.49	6.24	+1.45	0.94	−3.22	3.51	−0.01	3.80	+0.34	3.70	+0.51	1.38	−1.56	4.91	+0.55	4.01	−0.75	47.31	− 3.41
ammoth Spring	4.71	+0.91	2.53	−0.18	4.35	+1.02	6.82	+1.56	5.85	+1.27	1.45	−3.02	3.39	−0.02	6.32	+1.96	6.53	+2.72	2.87	−0.46	2.37	−0.99	4.08	+0.80	51.27	+ 5.57
arianna	1.91	−2.68	5.19	+1.43	4.58	−0.45	3.75	−1.04	5.94	+1.51	1.96	−1.98	6.58	+3.52	3.67	+0.64	4.99	+2.11	1.49	−2.08	1.15	−2.07	11.48	+7.23	52.69	+ 6.14
arked Tree	3.03	−2.50	2.20	−1.38	6.07	+1.19	5.02	−0.58	7.41	+2.44	1.00	−2.27	5.27	+2.01	5.16	+1.47	4.31	+1.47	1.79	−2.49	1.11	−3.10	6.73	+2.31	49.10	− 1.43
arshall	1.95	−1.81	2.53	+0.11	2.95	−1.00	5.10	−1.85	7.08	+0.17	2.00	−3.08	3.47	−0.31	4.80	−0.41	5.71	+1.45	2.54	−1.75	2.90	−0.80	3.22	−0.49	44.25	− 9.77
ena	3.05	−0.82	3.40	+0.25	4.47	−0.18	2.84	−2.97	6.55	+0.15	1.93	−2.95	5.11	+1.07	6.71	+2.37	7.21	+3.39	2.60	−1.07	2.19	−1.29	2.83	−0.98	48.89	− 3.03
orrilton	3.93	−0.17	2.39	−0.27	4.31	+0.39	4.32	−0.99	7.43	+2.78	2.02	−1.86	2.89	+0.44	2.42	−0.80	4.22	+1.46	2.52	−1.62	2.56	−1.26	4.45	+1.04	43.46	− 0.86
ountain Home	1.65	−1.58	1.83	−0.53	4.35	+0.63	5.20	+0.20	9.48	+3.83	0.00	−4.83	4.33	−0.01	4.36	+0.24	4.10	−0.24	2.83	−1.54	1.79	−1.30	2.60	−1.10	42.52	− 6.23
ount Ida	4.61	+0.26	1.76	−2.18	5.88	+1.48	4.84	−1.06	6.23	+0.34	1.09	−3.33	2.49	−1.08	6.64	+3.28	3.03	−0.55	3.11	−0.78	2.02	−2.08	3.60	−0.42	45.30	− 6.07
ewport	4.13	−0.80	2.56	−1.05	6.55	+1.81	5.05	+0.02	5.17	+0.82	2.83	−1.07	7.55	+4.49	4.36	+0.88	8.08	+4.47	1.69	−1.19	1.12	−3.01	4.81	+0.75	53.90	+ 6.12
orman	4.46	......	3.20	......	4.35	......	6.22	......	7.91	......	1.38	......	2.57	......	6.24	......	3.70	......	4.16	......	3.29	......	3.11	......	50.59	......
den	2.83	......	2.18	......	3.20	......	2.61	......	5.17	......	1.39	......	4.77	......	4.37	......	4.57	......	2.91	......	2.85	......	3.48	......	40.33	......
kay	4.96	......	3.79	......	3.37	......	3.56	......	2.77	......	0.63	......	6.26	......	3.26	......	4.49	......	2.04	......	1.49	......	4.37	......	40.99	......
sceola	3.63	−1.31	2.68	−0.76	6.73	+1.64	5.33	+0.87	7.02	+1.81	1.97	−1.41	4.85	+1.36	2.92	−0.30	2.53	−0.31	1.86	−0.94	1.48	−2.91	6.18	+1.90	47.16	− 0.36
zark	3.22	+0.25	2.32	−0.15	3.18	−0.72	3.50	−1.18	6.97	+1.48	0.86	−3.64	1.16	−2.24	3.37	−0.51	7.40	+4.12	6.33	+3.11	1.43	−1.76	2.95	−0.54	42.69	− 1.78
aragould	5.62	......	3.54	......	6.76	......	4.02	......	8.92	......	0.70	......	7.30	......	4.51	......	10.04	......	2.19	......	1.57	......	5.78	......	58.95	......
arkin	3.08	......	2.98	......	7.09	......	4.56	......	6.60	......	1.14	......	*8.63*	......	*5.99*	......	*2.42*	......	3.30	......	1.07	......	8.83	......	55.69	......
atterson	4.70	−0.51	2.25	−1.11	5.25	−0.23	*5.05*	−1.02	*4.14*	−0.78	1.53	−3.38	7.29	+4.22	6.86	+3.84	4.67	+1.78	*1.14*	−2.72	2.43	−1.99	10.76	+6.62	56.07	+ 4.72
iggott	2.73	......	3.27	......	7.72	......	4.61	......	8.36	......	0.43	......	3.99	......	6.47	......	6.80	......	3.16	......	1.39	......	4.10	......	53.03	......
ine Bluff	2.79	−2.37	6.15	+2.29	5.77	+0.46	4.95	−0.56	3.55	−1.15	0.97	−2.95	6.31	+2.87	2.19	−0.96	4.11	+0.55	1.71	−1.20	2.57	−1.55	10.40	+5.33	51.47	+ 0.76
ocahontas	2.31	−2.15	3.61	+0.28	6.50	+1.92	6.70	+1.72	6.93	+2.08	1.73	−1.67	3.65	−0.55	4.08	−0.61	6.53	+2.96	3.93	+0.62	1.45	−2.12	3.35	−0.35	50.77	+ 2.13
ortland	4.12	−0.14	5.53	+1.33	5.77	+0.54	5.28	+0.05	3.06	−2.74	1.05	−2.35	9.07	+5.23	4.56	+1.20	1.26	−1.45	0.73	−2.17	1.00	−3.15	5.75	+0.16	47.18	− 3.49
rescott	3.33	−1.18	3.93	+0.44	3.72	−0.74	3.55	−1.61	4.39	−0.64	1.98	−1.82	3.58	+0.37	7.78	+4.50	1.48	−1.61	1.35	−1.31	1.49	−1.96	6.52	+2.16	43.10	− 3.40
ison	2.87	−2.53	7.96	+4.57	4.44	−1.05	4.70	0.00	3.57	−0.50	2.70	−1.06	7.88	+4.47	4.12	+1.02	2.52	−0.81	1.94	−1.23	1.00	−2.50	10.17	+5.80	53.87	+ 6.18
ogers	3.41	+0.83	2.85	+0.96	2.09	−1.29	5.78	+1.14	4.57	−0.82	0.13	−4.76	4.50	+0.42	6.69	+2.94	10.05	+6.26	5.60	+2.50	2.10	−0.84	2.53	+0.11	50.30	+ 7.45
t. Charles	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
t. Francis	4.26	......	3.52	......	8.35	......	5.80	......	9.26	......	0.73	......	3.34	......	4.34	......	7.87	......	3.02	......	1.32	......	4.68	......	56.49	......
earcy	6.02	+1.41	1.85	−1.22	6.04	+1.76	4.23	−1.00	6.26	+1.72	3.55	−0.41	6.65	+4.09	5.31	+1.58	5.50	+2.52	1.58	−1.86	1.61	−2.84	6.37	+2.26	54.97	+ 8.51
pringbank	4.02	−0.19	5.52	+1.98	4.57	−0.06	4.84	−1.40	5.96	+1.29	1.28	−2.52	......	......	......	......	......	......	......	......	......	......	......	......	......	......
tory	3.30	......	3.62	......	4.14	......	6.94	......	6.46	......	0.80	......	3.12	......	4.86	......	2.31	......	2.28	......	3.20	......	3.82	......	44.85	......
tuttgart	2.64	−2.39	4.40	+0.47	5.05	−0.47	3.85	−1.26	6.89	+2.09	0.55	−3.39	8.64	+5.02	7.36	+3.83	3.74	+0.40	1.06	−2.14	1.95	−2.10	10.74	+5.97	56.87	+ 6.03
ubiaco	3.55	−0.05	2.52	−0.17	3.68	−0.04	2.27	−2.41	7.64	+2.25	0.75	−3.31	1.78	−1.53	4.37	+0.59	3.66	+0.32	3.39	0.00	2.06	−0.99	5.21	+2.02	40.88	− 3.32
unset	3.34	......	2.20	......	2.52	......	6.36	......	12.40	......	1.65	......	1.35	......	7.27	......	11.91	......	6.20	......	1.87	......	2.64	......	59.71	......
exarkana	4.93	+1.28	3.34	+0.22	3.45	−0.78	4.37	−0.67	3.03	−1.44	0.72	−2.84	7.70	+4.28	2.68	−0.39	3.30	+0.39	5.17	+2.04	1.22	−2.06	6.94	+3.19	46.85	+ 3.22
hornburg	3.95	−0.57	2.81	−1.05	6.22	+1.99	5.38	−0.33	7.02	+1.30	0.53	−4.58	3.61	−0.58	3.73	+0.01	5.33	+1.81	2.89	−1.09	2.90	−0.46	5.71	+1.92	50.08	− 1.63
aldron	4.56	+0.60	3.03	−0.02	4.20	+0.47	4.04	−2.04	*6.55*	+1.07	0.48	−3.77	5.71	+2.27	5.48	+2.86	2.96	−0.41	4.05	−0.19	2.56	−1.28	3.27	−0.27	46.89	− 0.71
arren	2.25	−2.35	8.66	+4.55	6.04	+0.64	4.69	−0.67	4.55	−0.17	2.96	−0.77	7.42	+4.08	1.01	−2.58	1.30	−2.68	1.62	−1.99	0.96	−2.98	9.01	+3.79	50.47	− 1.18
aters	2.59	......	3.08	......	4.16	......	2.94	......	5.02	......	1.32	......	3.30	......	4.95	......	3.09	......	4.12	......	3.72	......	2.83	......	41.12	......
hitecliffs	5.46	+1.73	3.72	+0.55	3.89	−0.34	3.70	−1.95	3.18	−1.60	0.58	−2.82	......	......	......	......	......	......	......	......	......	......	......	......	......	......
ilson	3.99	......	2.75	......	6.47	......	5.76	......	5.95	......	0.20	......	4.00	......	3.63	......	2.28	......	2.38	......	1.30	......	7.62	......	46.33	......
ynne	3.84	−1.25	2.52	−0.98	6.05	+0.87	5.60	−0.45	7.68	+2.88	0.23	−3.58	8.63	+5.24	5.99	+2.05	2.42	−1.18	1.14	−2.86	2.12	−1.71	9.43	+4.68	55.65	+ 3.71
ancopin	2.17	......	8.69	......	5.57	......	3.77	......	9.35	......	2.05	......	9.40	......	7.11	......	5.20	......	0.99	......	1.46	......	8.95	......	64.21	......

Departures from the normal precipitation are based on records of ten or more years.

Norm als for Princeton used at Carthage, 8 miles northeast. Data in *Italics* determined from surrounding stations.


ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
L.S.
36
35
34
33
90
91
92
93
94
95
BENTON
Gravette
Bentonville
Rogers
WASHINGTON
Fayetteville
Lincoln
CARROLL
Eureka Springs
MADISON
Dutton
CRAWFORD
FRANKLIN
Ozark
BOONE
Harrison
NEWTON
Nail
JOHNSON
Lutherville
SEBASTIAN
Fort Smith
LOGAN
Booneville
Subiaco
Arkansas
SCOTT
Waldron
MARION
Dodd City
BAXTER
Mountain Home
SEARCY
Pindall
Marshall
POPE
Okay
Dardanelle
YELL
Danville
Umphers
POLK
Mena
FULTON
Mammoth Springs
IZARD
Calico Rock
STONE
VAN BUREN
Clinton
CONWAY
Morrilton
River
PERRY
MONTGOMERY
Mount Ida
GARLAND
Hot Springs
HOWARD
Grannis
PIKE
Amity
Murfreesboro
SEVIER
White Cliffs
LITTLE RIVER
Red
RANDOLPH
Pocahontas
Hardy
SHARP
Evening Shade
INDEPENDENCE
Batesville
White
R.
CLEBURNE
Higden
Heber Springs
Bee Branch
Arlberg
FAULKNER
Conway
PULASKI
Little Rock
SALINE
HOT SPRINGS
Malvern
CLARK
Arkadelphia
HEMPSTEAD
Hope
Fulton
River
MILLER
Texarkana
CLAY
Corning
GREENE
LAWRENCE
Black Rock
JACKSON
Newport
WHITE
Searcy
Dam No. 1
Georgetown
WOODRUFF
Patterson
White
River
LONOKE
England
GRANT
Sheridan
DALLAS
Princeton
NEVADA
Prescott
LAFAYETTE
Spring Bank
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
POINSETT
Marked Tree
CROSS
Wynne
CRITTENDEN
River
ST. FRANCIS
LEE
Marianna
PRAIRIE
Brinkley
MONROE
Clarendon
JEFFERSON
Pine Bluff
ARKANSAS
Stuttgart
PHILLIPS
Helena
Mississippi
CLEVELAND
Rison
OUACHITA
Camden
Ouachita
COLUMBIA
Magnolia
LINCOLN
Dumas
Snow Lake
DESHA
Arkansas City
DREW
Warren
BRADLEY
CALHOUN
UNION
El Dorado
Junction
Huttig
River
CHICOT
ASHLEY
Portland

EXCESSIVE PRECIPITATION FOR 1933

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
ort Smith, Ark.																				
Sept. 1	7:00 p.m.	10:50 p.m.	1.98	8:03 p.m.	9:13 p.m.	0.03	0.06	0.13	0.23	0.38	0.57	0.96	1.19	1.21	1.21	1.21	1.26	1.61	......	......
Sept. 2	6:20 a.m.	5:00 p.m.	2.01	9:24 a.m.	9:58 a.m.	0.18	0.14	0.31	0.53	0.71	0.88	0.98	1.05	......	......	......	......	......	......	......
Sept. 25	4:40 a.m.	7:35 a.m.	1.56	5:58 a.m.	6:54 a.m.	0.13	0.09	0.23	0.46	0.75	1.00	1.10	1.13	1.13	1.23	1.27	1.41	......	......	......
ITTLE ROCK, ARK.																				
Mar. 18	6:35 a.m.	9:00 a.m.	1.23	7:54 a.m.	8:34 a.m.	0.24	0.08	0.23	0.38	0.60	0.73	0.84	0.89	0.95	......	......	......	......	......	......
Apr. 20-21	8:00 p.m.	D.N. a.m.	2.80	9:37 p.m.	11:07 p.m.	0.37	0.07	0.16	0.30	0.48	0.67	0.78	1.00	1.10	1.14	1.16	1.23	1.53	1.78	......
Aug. 12	11:23 a.m.	1:10 p.m.	2.39	11:56 a.m.	12:55 p.m.	0.04	0.06	0.17	0.38	0.57	......	......	......	......	......	......	2.35	......	......	......
Aug. 14	11:25 a.m.	12:56 p.m.	1.41	12:04 p.m.	12:45 p.m.	0.01	0.32	0.63	0.87	1.01	1.08	1.11	1.23	1.32	1.36	......	......	......	......	......
Aug. 28	2:05 p.m.	2:44 p.m.	1.34	2:08 p.m.	2:30 p.m.	0.01	0.29	0.65	1.07	1.25	1.28	......	......	......	......	......	......	......	......	......
Sept. 1	7:13 p.m.	11:45 p.m.	3.36	8:28 p.m.	9:18 p.m.	0.02	0.14	0.28	0.34	0.37	0.46	0.64	0.95	1.28	1.63	1.92	......	......	......	......
				9:18 p.m.	10:08 p.m.		2.11	2.28	2.38	2.45	2.55	2.61	2.65	2.67	2.69	2.74	......	......	......	......
				10:08 p.m.	10:32 p.m.		2.85	2.96	3.08	3.19	3.25	......	......	......	......	......	......	......	......	......
emphis, Tenn.																				
May 7	8:00 a.m.	12:00 m	1.82	8:55 a.m.	9:12 a.m.	0.19	0.16	0.47	0.95	1.00	......	......	......	......	......	......	......	......	......	......

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1933

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
rkadelphia	19.4	3.0	6.5	6.0	1.8	3.2	6.0	1.8	3.4	8.0	0.8	3.8	12.0	0.6	4.8	1.1	-1.2	-0.4	-1.0	-1.4	-1.2	2.4	-1.4	-0.8	-0.2	-1.2	-0.8	0.6	-1.2	-0.5	4.2	-1.0	0.2	4.0	-0.4	1.9
rkansas City	41.4	28.3	37.7	41.8	35.4	38.9	41.0	30.7	36.9	51.8	40.7	48.9	52.7	44.2	48.5	53.6	17.0	40.8	17.7	11.1	13.9	15.2	7.1	12.2	16.1	7.2	10.9	8.9	3.4	6.3	7.5	2.7	4.6	23.8	3.6	10.4
atesville	22.2	6.3	11.6	10.6	6.4	7.7	19.8	8.1	11.1	22.7	9.2	13.8	36.4	9.3	15.8	10.1	5.3	6.9	6.1	4.5	5.2	7.2	4.3	5.2	15.3	5.0	7.3	12.6	4.8	7.1	8.6	5.2	6.7	10.9	5.1	7.1
ig Lake Outlet	16.5	10.6	14.9	15.3	11.0	13.0	14.4	10.0	12.1	16.5	13.2	15.3	16.8	11.7	14.2	13.6	5.0	8.0	5.7	3.6	4.4	6.3	4.3	5.5	6.8	4.5	5.6	7.6	5.4	6.1	5.4	4.8	5.2	10.3	4.5	6.6
lack Rock	21.5	7.5	14.8	12.5	5.4	7.8	16.0	5.9	8.7	22.8	9.8	16.1	23.1	14.5	19.4	16.8	3.9	7.1	5.5	2.4	3.2	5.8	1.8	2.6	10.9	2.4	4.0	4.0	1.8	2.5	2.5	1.6	2.0	7.7	1.6	3.3
alico Rock	14.9	1.2	5.5	5.6	1.4	2.5	8.4	2.4	5.0	15.4	3.2	7.3	36.4	3.6	10.0	4.3	0.5	1.8	1.3	-0.1	0.5	2.2	-0.3	0.5	9.7	0.2	2.3	7.5	0.2	2.2	3.6	0.5	1.8	5.6	0.4	2.1
amden	31.9	15.5	23.9	21.4	11.8	15.9	23.6	10.7	15.9	25.2	9.1	16.1	25.7	7.4	18.5	6.4	3.8	4.8	5.0	3.6	4.1	7.4	3.6	4.5	5.6	3.8	4.3	6.8	4.1	4.7	9.3	3.9	5.2	14.8	5.3	8.7
larendon	28.3	22.3	26.6	27.6	19.5	24.5	26.4	19.4	23.0	28.2	25.7	26.4	31.0	27.4	28.8	30.4	12.5	22.9	12.5	8.8	10.5	12.8	8.3	10.8	19.2	8.2	13.5	14.5	9.0	11.2	14.5	9.3	11.5	22.6	9.2	14.5
otter	13.0	3.6	6.6	6.2	3.5	4.1	9.2	4.0	6.0	16.0	4.0	7.7	29.4	4.6	9.1	4.9	2.7	3.4	3.1	2.6	2.8	4.4	2.7	2.9	11.7	3.0	4.3	9.4	3.0	4.2	5.2	3.0	4.0	6.0	3.2	4.0
anville	22.9	5.3	11.9	7.4	4.3	5.1	18.3	5.2	9.0	20.8	4.6	11.5	23.6	4.4	10.7	4.1	1.3	2.1	2.1	0.6	1.1	9.8	1.1	2.4	10.1	1.5	3.1	9.2	1.1	2.3	4.2	1.6	2.8	19.0	2.4	5.6
ardanelle	11.6	5.0	7.8	6.8	4.3	5.0	13.3	5.2	8.1	15.3	6.3	10.1	25.1	6.5	12.7	11.0	4.1	6.0	4.9	3.5	3.9	10.9	3.7	6.3	18.6	5.2	9.4	9.1	4.6	6.2	10.0	4.2	5.6	8.5	3.7	5.4
e Valls Bluff	23.9	20.5	22.2	22.8	13.8	19.0	21.7	14.1	19.2	23.9	20.3	21.5	26.9	22.4	24.3	25.0	9.4	17.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
ort Smith	11.8	4.6	7.6	8.1	4.2	5.0	15.0	4.8	8.2	17.0	5.9	11.0	27.7	6.9	13.0	10.4	3.7	5.6	5.7	3.3	3.9	12.6	3.5	7.7	22.4	5.3	10.2	10.3	4.8	7.1	11.3	5.0	6.4	9.4	4.6	5.7
ulton	20.4	11.5	15.6	11.8	7.5	9.4	23.6	10.8	15.6	16.5	8.9	12.6	24.4	7.6	15.9	23.0	6.9	10.8	8.0	5.8	6.8	14.2	6.3	9.3	13.2	8.3	10.7	11.1	6.0	7.9	9.3	5.9	6.9	11.2	6.3	7.7
eorgetown	23.6	16.0	21.0	21.9	8.9	14.7	20.4	10.3	16.6	23.6	16.9	19.7	28.4	21.0	24.0	23.4	5.0	12.7	5.0	1.8	3.3	5.9	1.1	3.0	14.3	1.4	6.3	8.8	2.0	4.6	6.9	2.2	4.1	14.6	2.1	6.4
ilbert	9.7	3.7	4.9	5.0	3.6	3.9	8.2	3.7	4.9	7.9	4.0	5.6	28.8	4.2	6.4	4.3	2.6	2.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
elena	39.9	26.9	35.0	39.7	29.6	35.7	41.2	24.9	33.9	50.5	42.2	47.6	50.4	36.8	43.2	50.6	14.0	32.5	17.4	10.1	13.2	14.6	5.8	11.1	11.7	6.2	8.2	9.0	2.7	5.9	6.6	2.9	4.0	22.0	3.8	10.7
ndex	16.9	9.6	12.6	9.4	7.9	8.6	22.1	9.9	13.5	14.7	8.8	11.3	24.7	8.2	14.7	19.8	8.5	11.1	....	....	....	....	....	....	....	....	....	10.6	7.3	8.5	9.2	7.0	7.8	8.0	7.0	7.4
ITTLE ROCK	13.5	1.7	6.8	4.9	0.7	1.9	11.7	2.0	5.7	14.0	3.7	7.9	22.7	3.4	11.4	9.1	0.3	2.9	1.1	-0.7	-0.1	6.5	-0.3	2.3	17.0	1.3	6.8	5.9	0.3	2.4	6.5	0.4	1.9	6.3	-0.4	2.0
adison	22.5	12.0	19.7	22.8	17.0	20.0	23.6	12.4	17.2	32.3	24.3	29.2	31.3	23.0	26.3	31.8	5.7	19.7	6.8	2.7	3.9	5.8	3.3	4.2	4.6	3.2	4.0	4.7	3.1	3.6	3.3	2.8	3.0	12.4	2.7	6.9
arked Tree	12.1	8.0	10.0	11.0	7.9	9.8	10.0	7.8	8.5	13.3	11.4	12.8	14.2	11.7	12.5	13.8	5.0	8.4	5.2	3.4	4.3	5.1	4.5	4.8	5.5	4.5	5.1	4.9	4.0	4.6	4.1	2.6	3.6	7.3	2.6	5.5
orrilton	10.0	1.2	5.4	4.1	0.2	1.2	11.9	1.0	5.1	13.4	3.1	7.2	23.9	2.5	10.7	8.9	-0.4	2.4	1.0	-1.2	-0.3	8.1	-0.8	2.6	17.8	0.4	6.4	6.5	-0.3	2.3	6.8	0.0	1.7	5.5	-0.8	1.5
ewport	24.3	7.8	18.9	17.3	5.1	8.7	18.8	8.7	13.0	25.8	11.7	18.3	32.1	15.6	22.7	19.8	3.4	7.9	3.5	1.4	2.4	3.9	0.9	2.0	14.1	1.8	5.0	8.2	1.6	3.8	4.7	1.6	3.0	10.5	1.4	4.3
zark	8.3	1.1	4.6	3.3	0.4	1.5	11.1	1.6	5.1	13.2	2.4	7.5	23.7	3.2	10.0	8.2	0.7	2.8	2.0	0.2	0.8	9.2	0.4	3.9	17.9	1.4	6.8	7.3	1.0	3.3	7.8	1.0	2.7	5.6	0.2	1.8
arkin	21.4	12.8	17.8	19.8	15.2	18.1	19.0	12.4	14.8	25.8	21.1	24.4	26.3	21.1	23.0	26.6	6.6	16.9	....	....	....	....	....	....	....	....	....	5.5	4.5	4.9	4.8	3.8	4.3	11.5	3.9	6.9
ine Bluff	17.7	7.2	12.0	10.6	5.7	7.2	15.3	6.5	10.4	17.9	7.7	12.2	25.8	8.6	16.0	14.1	5.2	8.3	6.6	4.1	4.8	10.7	4.6	7.0	20.3	6.5	11.2	10.1	4.7	6.8	10.6	5.0	6.5	10.3	4.0	6.4
t. Francis	23.4	10.1	18.5	19.7	10.3	13.0	17.4	10.8	14.0	25.0	15.7	19.0	27.1	15.1	20.3	14.1	4.5	7.1	5.5	3.7	4.4	7.8	3.6	4.7	10.1	3.6	5.4	13.9	4.5	7.6	6.6	4.1	5.0	11.2	4.2	6.6
pringbank	21.0	12.8	16.9	14.2	8.0	10.4	23.6	9.5	16.5	17.8	9.2	13.2	24.4	9.4	16.2	24.0	6.4	11.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
hitecliffs	25.6	9.4	17.6	15.8	4.2	7.6	22.9	6.6	14.8	22.3	4.2	11.7	22.6	2.9	12.6	15.8	0.5	3.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
ancopin	29.7	24.9	27.9	29.7	24.1	27.2	30.4	21.7	26.5	38.2	29.0	35.9	39.4	32.7	36.5	40.0	10.5	29.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1933

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
anuary	48.8	+ 7.5	81	11	3.66	−0.62	7.33	T.	9	12	6	13	s.
ebruary	41.5	− 2.1	82	−13	3.53	+0.16	8.69	2.4	10	11	5	12	n.
arch	52.6	+ 0.2	91	17	4.87	+0.20	8.37	T.	9	13	5	13	e.
pril	61.1	− 0.4	93	28	4.80	−0.13	9.14	0.9	11	13	8	9	s.
ay	71.8	+ 2.7	96	41	6.27	+1.24	12.40	0.0	10	14	7	10	s.
une	78.4	+ 1.4	107	40	1.30	−2.71	3.61	0.0	3	22	6	2	s.
uly	81.4	+ 1.1	109	55	5.01	+1.15	12.89	0.0	9	12	10	9	s.
ugust	79.1	− 0.6	101	49	4.42	+0.70	7.88	0.0	8	12	11	8	s.
eptember	78.5	+ 4.1	102	41	5.10	−1.77	14.92	0.0	8	15	8	7	s.
ctober	62.6	+ 0.1	90	30	2.83	−0.32	7.73	0.0	5	19	7	5	ne.
ovember	53.0	+ 1.5	85	20	1.88	−1.75	4.91	T.	4	16	6	8	n.
ecember	49.3	+ 6.5	83	11	5.41	+1.11	12.01	0.1	7	12	5	14	s.
nnual	63.2	+ 1.9	109	−13	49.08	+0.79	14.92	3.4	93	171	84	110	s.

Corrections: year 1933

November: Batesville, number of clear days should be 21, cloudy 6; annual, clear days 192, cloudy 123.

December: Hot Springs mean temperature should be 48.8°; departure from normal +4.8°; Marianna lowest temperature should be 17° on the 27th.

The following corrections should be made in the respective months: Center Point, total precipitation for March 4.17 inches. Departures from normal precipitation; January, Thornburg −0.57 inch; February, Fayetteville +1.24 inches; Fulton +0.68 inch; Little Rock −1.18 inches; Wynne −0.98 inch; April, Rogers +1.14 inches. Temperature departures: January, Ft. Smith +8.9°; October, Rison +1.8°.

W.B.O., Little Rock, Ark. 2-14-34-1300.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest annual	Least annual	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	−0.8	108	6	44.49	− 3.80	57.93	29.51	....	94	180	94	91
1892	60.0	−1.3	106	−14	57.75	+ 9.46	76.58	41.34	8.7	98	159	98	109
1893	60.7	−0.6	103	−13	47.91	− 0.38	69.21	28.40	6.4	75	185	95	85
1894	61.3	0.0	108	−22	49.05	+ 0.76	59.29	30.13	5.9	75	176	97	92
1895	59.8	−1.5	105	−17	44.69	− 3.60	61.32	31.28	10.5	83	167	92	106
1896	62.8	+1.5	112	4	37.72	−10.57	48.00	25.70	2.9	79	171	97	98
1897	62.3	+1.0	111	− 2	46.13	− 2.16	71.77	34.88	3.9	76	178	96	91
1898	61.4	+0.1	108	− 4	56.82	+ 8.53	84.99	67.70	3.0	89	158	106	101
1899	60.6	−0.7	112	−25	41.49	− 6.80	56.56	29.98	6.6	76	170	105	90
1900	62.0	+0.7	108	− 5	49.03	+ 0.74	66.75	37.54	2.2	92	150	120	95
1901	61.1	−0.2	116	− 6	35.27	−13.02	51.61	22.77	2.9	65	175	111	79
1902	60.5	−0.8	108	− 2	51.70	+ 3.41	67.18	35.12	8.3	81	150	121	91
1903	59.3	−2.0	105	−12	44.62	− 3.67	65.00	34.48	4.3	84	162	107	96
1904	60.5	−0.8	105	− 5	43.45	− 4.84	56.53	31.39	2.9	78	169	112	85
1905	59.6	−1.7	106	−29	62.17	+13.88	92.60	42.50	12.1	103	146	107	112
1906	60.3	−1.0	101	− 7	55.99	+ 7.70	85.58	38.01	4.3	95	156	96	113
1907	61.9	+0.6	113	− 8	49.73	+ 1.44	68.18	34.63	2.0	86	163	91	111
1908	62.1	+0.8	103	0	48.88	+ 0.59	63.67	34.91	2.2	92	158	100	108
1909	62.1	+0.8	111	−19	44.05	− 4.24	57.21	31.37	6.5	83	176	93	96
1910	61.0	−0.3	105	−13	45.21	− 3.08	61.17	25.39	11.0	84	172	109	84
1911	62.8	+1.5	107	− 9	49.54	+ 1.25	70.00	35.67	1.7	95	152	117	96
1912	59.8	−1.5	106	−16	45.83	− 2.46	59.65	27.89	7.8	81	171	110	85
1913	61.6	+0.3	108	− 1	54.01	+ 5.72	72.04	35.70	5.6	89	158	107	100
1914	61.4	+0.1	110	−11	42.85	− 5.44	64.06	30.13	8.6	82	149	109	107
1915	60.6	−0.7	107	− 3	53.08	+ 4.79	67.54	40.20	4.7	82	163	81	121
1916	61.9	+0.6	107	−16	42.18	− 6.11	53.47	27.48	6.3	75	191	76	99
1917	59.2	−2.1	106	−21	40.72	− 7.57	70.88	19.80	12.1	75	187	74	104
1918	61.4	+0.1	115	−23	44.64	− 3.65	57.78	33.62	18.3	75	174	76	115
1919	61.6	+0.3	113	−10	54.52	+ 6.23	71.94	31.31	3.4	91	166	75	124
1920	60.7	−0.6	105	− 2	54.28	+ 5.99	73.02	28.97	2.5	90	174	74	118
1921	64.2	+2.9	107	− 3	47.46	− 0.83	61.12	29.29	11.9	83	178	85	102
1922	62.7	+1.4	111	7	46.50	− 1.79	69.10	32.02	2.6	87	170	83	112
1923	61.6	+0.3	109	2	59.85	+11.56	82.06	43.81	2.3	102	160	82	123
1924	60.1	−1.2	110	− 8	37.03	−11.26	49.74	23.83	7.9	74	193	68	105
1925	63.0	+1.7	113	− 6	42.19	− 6.10	56.56	24.42	2.2	74	184	81	100
1926	61.3	0.0	110	−17	49.24	+ 0.95	68.26	38.29	6.0	88	175	79	111
1927	63.1	+1.8	105	− 2	65.85	+17.56	91.72	31.93	2.4	99	161	85	119
1928	61.1	−0.2	105	−10	50.50	+ 2.21	63.01	32.47	0.9	86	183	76	107
1929	60.5	−0.8	110	−20	46.10	− 2.19	58.72	33.83	13.9	98	162	83	120
1930	61.7	+0.4	115	−28	46.62	− 1.67	61.75	30.94	5.9	78	192	75	98
1931	62.5	+1.2	107	0	46.98	− 1.31	67.27	37.09	0.8	94	172	82	111
1932	62.0	+0.6	108	− 5	51.11	+ 2.83	65.78	33.39	4.4	95	175	85	106
1933	63.2	+1.9	109	−13	49.08	+ 0.79	64.71	38.24	3.4	93	171	84	110
Period	61.3	......	116	−29	48.29	....	92.60	19.80	5.8	85	169	93	103

KILLING FROSTS, 1933

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	Mar. 21	Nov. 8	232	LITTLE ROCK	Mar. 21	Nov. 8	232
Arkadelphia	Mar. 21	Nov. 8	232	Lurton	....	....	...
Arkansas City	Mar. 21	Nov. 8	232	Lutherville	Mar. 21	Nov. 8	232
Arlberg	Mar. 21	Nov. 8	232	Madison	Mar. 21	Nov. 8	232
Batesville	Mar. 26	Nov. 8	227	Magnolia	Mar. 21	Dec. 7	261
Bee Branch	Mar. 21	Nov. 8	232	Malvern	Mar. 21	Nov. 8	232
Bentonville	Mar. 21	Nov 8	232	MammothSpring	Mar. 23	Nov. 8	230
Big Lake Outlet	Mar. 21	Nov. 8	232	Marianna	Mar. 21	Nov. 8	232
Black Rock	Mar. 21	Nov 8	232	Marked Tree	Mar. 21	Nov. 8	232
Blytheville	Mar. 21	Nov. 8	232	Marshall	Mar. 26	Nov. 8	227
Booneville	Mar. 21	Nov. 1	232	Mena	Mar. 21	Nov. 8	232
Brinkley	Mar. 21	Nov. 8	232	Morrilton	Mar. 22	Nov. 8	231
Calico Rock	Mar. 21	Nov. 8	232	Mountain Home	Mar. 26	Nov. 8	227
Camden	Mar. 21	Nov. 8	232	Mount Ida	Mar. 26	Nov. 8	227
Carthage	Mar. 21	Nov. 8	232	Newport	Mar. 21	Nov 8	232
Centerpoint	Mar. 21	Nov. 8	232	Norman	Mar. 26	Nov. 8	227
Clarendon	Mar. 21	Nov. 8	232	Oden	Mar. 26	Nov. 8	227
Clinton	Mar. 21	Nov. 8	232	Okay	Mar. 21	Nov. 8	232
Conway	Mar. 21	Nov. 8	232	Osceola	Mar. 21	Nov. 8	232
Corning	Mar. 22	Nov. 8	231	Ozark	Mar. 21	Nov. 8	232
Cotter	Mar. 21	Nov. 8	232	Paragould	Mar. 21	Nov 8	232
Crossett	Mar. 21	Nov. 8	232	Parkin	Mar. 21	Nov. 8	232
Danville	Mar. 21	Nov. 8	232	Patterson	Mar. 21	Nov. 8	232
Dardanelle	Mar. 21	Nov. 8	232	Piggott	Mar. 24	Nov. 8	229
De Valls Bluff	Mar. 21	Nov. 8	232	Pine Bluff	Mar. 21	Nov. 8	232
Dumas	Mar. 21	Nov. 8	232	Pocahontas	Mar. 21	Nov. 8	232
Dutton	....	Nov. 8	...	Portland	Mar. 21	Nov. 8	232
El Dorado	Mar. 21	Dec. 27	281	Prescott	Mar. 21	Nov. 8	232
England	Mar. 21	Nov. 8	232	Rison	Mar. 21	Nov. 8	232
Eureka Springs	Mar. 21	Nov. 8	232	Rogers	Mar. 26	Nov. 8	227
Fayetteville	Mar. 21	Nov. 8	232	Saint Charles	....	....	...
Fort Smith	Mar. 21	Nov. 10	234	Saint Francis	Mar. 21	Nov. 8	232
Freeman Spr.	Mar. 23	Nov. 8	230	Searcy	Mar. 21	Nov. 8	232
Fulton	Mar. 21	Nov. 8	232	Springbank	Mar. 21	.... .	...
Georgetown	Mar. 21	Nov. 8	232	Story	Apr. 7	Nov. 8	215
Gilbert	Mar. 21	Nov. 8	232	Stuttgart	Mar. 21	Nov. 8	232
Grannis	Mar. 21	Nov. 8	232	Subiaco	Mar. 21	Nov. 8	232
Gravette	Mar. 21	Nov. 8	232	Sunset	Mar. 23	Nov. 8	230
Harrison	Mar. 21	Nov. 8	232	Texarkana	Mar 21	Nov. 8	232
Helena	Mar. 21	Nov. 8	232	Thornburg	Mar. 26	Nov. 8	227
Higden	Mar. 21	Nov. 8	232	Waldron	Mar. 21	Nov. 8	232
Highland	Mar. 21	Nov. 8	232	Warren	Mar. 21	Dec. 7	261
Hope	Mar. 21	Nov. 8	232	Waters	Mar. 26	Nov. 8	227
Hot Springs	Mar. 21	Nov. 8	232	Whitecliffs	Mar. 21	....	...
Index	Mar. 21	Nov. 8	232	Wilson	Mar. 21	Nov. 8	232
Jessieville	Mar. 21	Nov. 8	232	Wynne	Mar. 21	Nov. 8	232
Jonesboro	Mar. 21	Nov. 8	232	Yancopin	Mar. 21	Nov. 10	234
Lead Hill	Mar. 22	Nov. 8	231				

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

LIBRARY OF THE
JUN 28 1934

H. S. COLE

Vol. XXXIX Little Rock, Ark., January, 1934 No. 1

GENERAL SUMMARY

Though the mean temperature for January 1934 was considerably above normal, it was not near so high as that of January 1933, which was the second warmest on record. Temperatures averaged somewhat below normal in the western portion of the State and near normal to somewhat above in central and eastern sections during the first ten days of the month but from the 12th to the 28th they were continuously above normal with departures ranging from 10° to more than 15° above for seven days during this period. A cold wave with temperatures ranging from 2° in the northwestern portion to 20° in southern border counties overspread the State on the 29th bringing the coldest weather of the month to nearly all sections. The average temperature for the State, based on the reports of 62 stations, was 44.5° which is 3.1° above the mean for the past 44 years, all stations for which normals have been computed having positive departures. Monthly means ranged from 39.3° at Dutton in the Ozarks to 49.7° at El Dorado in a southern border county. The highest temperature recorded was 78° at Highland on the 28th; the lowest, 2°, at both Dutton and Lead Hill on the 30th. The greatest daily range was 47° at Calico Rock on the 15th.

The average precipitation for the State for the 89 stations reporting was 2.85 inches which is 1.40 inches below the mean for the past 44 years, only 6 stations with records of 10 years or more having positive departures. Monthly amounts ranged from 1.39 inches at Mammoth Spring to 5.50 inches at Crossett with stations in the northern half of the State receiving the least amount of rainfall. The greatest amount measured in any 24-hour period was 2.60 inches at Malvern on the 4th. Snow occurred in many sections on either the 7th or 8th but only five stations in the northwestern portion had measurable amounts, the greatest depth reported being 3.0 inches at Eureka Springs. In other sections the fall was light and it generally melted as it fell. The average amount for the State for the 89 stations was 0.1 inch. Light sleet was reported at a few stations on the 29th and 31st and glaze at three stations on the 31st. The average number of rainy days was 8 which is one more than the average. Nearly all of the streams of the State were at low stages during the month.

The cloudy, rainy weather the first part of the month was unfavorable for out-door work but thereafter until the last three days of the month conditions were very favorable. Wheat, oats, and other winter crops were in good to excellent condition at the close of the month except in some sections where they were frozen down by the cold wave of the 29th-30th. Much more than the usual amount of plowing has been done. The weather was too warm for fruit, causing some apprehension in central and southern sections.

T.A.M.

CORRECTIONS:

Ft. Smith, December minimum temperature on the 16th should be 41°; mean minimum temperature 38.8°.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	3	3	3	3	3	3	1					5					1	2	12	12	7	1			10	13	5				
Light Hail																															
Sleet																													2	1	15
Glaze																															3
Thunderstorms			4	1																	1	1									

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	30 12	30.51	29	29.78	4	6.8	22	ne	28	....		...	54
Fort Smith	30.19	30.52	30	29.85	4	8.0	24	n	28	80	67	66	43
Little Rock	30.18	30.57	30	29.77	4	7.9	24	n	28	84	65	65	46
Memphis	30 18	30.56	30	29.77	4	7.9	30	n	28	80	66	72	42

COMPARATIVE DATA FOR JANUARY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	+0.2	71	13	5.34	+1.09	9.03	1.29	....	10	10	6	15
1892	34.7	−6.7	74	−14	2.48	−1.77	5.09	0.65	3.0	6	18	5	8
1893	38.5	−2.9	80	−13	1.13	−3.12	3.29	0.30	5.6	2	17	8	6
1894	43.5	+2.1	77	−22	3.63	−0.62	8.58	0.25	1.3	7	13	8	10
1895	36.9	−4.5	78	− 5	5.19	+0.94	9.38	1.87	7.0	8	9	6	16
1896	41.4	0.0	78	4	4.09	−0.16	6.94	1.53	1.0	8	10	6	15
1897	38.9	−2.5	76	− 2	3.78	+2.53	14.72	3.57	1.0	8	13	5	13
1898	45.5	+4.1	81	10	7.93	+3.68	14.50	2.11	T.	9	10	8	13
1899	39.3	−2.1	75	− 9	5.91	+1.66	11.19	1.58	2.3	7	12	6	13
1900	43.4	+2.0	78	1	2.69	−1.56	5.59	0.84	0.2	7	13	7	11
1901	45.6	+4.2	78	7	2.21	−2.04	4.89	0.76	T.	5	16	7	8
1902	38.0	−3.4	79	2	4.13	−0.12	8.51	0.96	1.8	8	11	6	14
1903	40.2	−1.2	80	7	2.60	−1.65	5.50	0.42	0.2	6	13	8	10
1904	38.9	−2.5	75	− 5	3.81	−0.44	6.56	2.08	1.5	6	15	8	8
1905	33.3	−8.1	73	13	4.58	+0.33	8.69	1.32	3.6	6	12	8	11
1906	43.1	+1.7	82	− 2	5.19	+0.94	9.60	1.16	2.0	6	14	5	12
1907	49.2	+7.8	82	− 8	5.80	+1.55	11.80	1.95	0.8	11	8	7	16
1908	41.7	+0.3	78	6	3.75	−0.50	5.92	1.82	1.5	7	14	7	10
1909	43.8	+2.4	82	−19	1.79	−2.46	3.62	0.36	2.4	6	4	7	20
1910	41.8	+0.4	78	− 7	2.59	−1.66	6.19	0.74	4.3	6	16	6	9
1911	47.6	+6.2	86	− 9	1.02	−3.23	4.23	0.21	0.2	6	8	10	13
1912	34.3	−7.1	79	−16	3.01	−1.24	5.40	1.04	1.9	6	13	10	8
1913	44.0	+2.6	78	− 1	8.45	+4.20	14.92	3.41	0.1	10	12	7	12
1914	46.6	+5.2	82	7	1.57	−2.68	3.71	T.	1.5	4	13	9	9
1915	39.3	−2.1	74	− 3	4.38	+0.13	6.95	1.28	2.3	8	10	6	15
1916	44.3	+2.9	82	− 6	9.39	+5.14	13.59	4.11	0.5	12	8	4	19
1917	44.0	+2.6	82	− 4	3.66	−0.59	7.61	0.68	3.8	7	11	5	15
1918	27.3	−14.1	80	−23	4.39	+0.14	8.60	1.60	17.6	8	13	4	14
1919	41.4	0.0	75	− 3	3.00	−1.25	7.80	0.32	0.4	6	16	5	10
1920	39.6	−1.8	82	11	6.49	+2.24	12.83	2.27	0.8	8	12	4	15
1921	46.9	+5.5	85	6	2.07	−2.18	3.87	0.50	2.1	6	11	6	14
1922	39.1	−2.3	74	4	2.63	−1.62	7.98	0.77	1.0	7	8	5	18
1923	48 6	+7.2	80	15	5.78	+1.53	9.71	1.75	0.1	9	14	5	12
1924	36.1	−5.3	79	− 6	3 19	−1.06	6.50	1.05	0.4	7	15	3	13
1925	40.8	−0.6	76	− 4	2.68	−1.57	5.77	1.00	1.3	8	14	4	13
1926	40.5	−0.9	77	−17	4.69	+0.44	9.18	1.87	2.5	7	13	6	12
1927	42.6	+1.2	79	− 1	5.41	+1.16	11.40	1.98	0.1	10	14	3	14
1928	42.7	+1.3	90	−10	2.05	−2.20	4.60	0.50	0.2	5	16	6	9
1929	39.4	−2.0	79	2	5.08	+0.83	8.00	2.35	0.1	10	12	5	14
1930	33.8	−7.6	74	−28	9.16	+4.91	16.31	3.21	5.0	12	11	3	17
1931	42.3	+0.9	76	0	1.14	−3.11	3.40	T	0.4	5	15	6	10
1932	46.2	+4.8	80	11	9.67	+5.42	16.51	3.35	T.	11	12	5	14
1933	48.8	+7.4	81	11	3.67	−0.58	7.33	1.65	T.	9	12	6	13
1934	44.5	+3.1	78	2	2.85	−1.40	5.50	1.39	0.1	8	12	5	14
Period	41.4	....	90	−28	4.25	......	16.51	T	1.9	7	12	6	13

Daily River Stages for January, 1934

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	5.7	5.5	5.2	5.5	9.5	9.4	8.8	9.1	11.1	11.8	10.7	9 4	8.7	8.3	7.8	8.6	7.3	7.1	6.8	6.6	6 5	7.2	7.5	6.8	6.4	6.0	5.8	5.7	5.6	5.6	5.6
zark	do	22	1.8	1.6	1.4	1.2	2.4	6.0	6.0	5.9	6.3	8.3	8.1	6 7	5.7	5 0	4.6	4.2	3.9	3.4	3.3	3.0	2.9	3.1	3.4	3.6	3 1	2.5	2.3	2.0	1.9	1.8	1.5
ardanelle	do	22	5.2	5.1	4.8	5.0	5.3	6.9	8 7	8.9	8.8	9.9	10.9	10.5	9.0	8.0	7.6	7.3	6.9	6.6	6.4	6.1	6.2	6.2	6.4	6 6	6.6	6.1	5.8	5.4	5.2	5.0	4.9
orrilton	do	20	1.4	1.0	0.8	1.1	1 9	2.3	5.0	6.1	6.1	6.3	7.8	7.9	6.6	5.3	4.6	4.2	3.8	3.2	3.0	2.6	2.6	2.9	3.1	3.2	3.3	3.0	2.3	1.9	1.4	1.1	0.8
ittle Rock	do	23	2 0	1.6	1.3	1.7	2 6	3.6	3.8	5.7	6.6	6.7	6.9	8.0	8.2	6.8	5.8	5.0	4.4	4.2	3.8	3.4	3.1	3 2	3.4	3.6	3.7	3.7	3.3	2.7	2.2	1.8	1.5
ine Bluff	do	25	6.7	6.2	5 8	5.7	5 7	6.9	7.9	8.4	10.1	10.7	10.7	11.4	12.2	11.4	10.6	9.6	9.0	8.7	8.1	7.8	7.4	7.2	7.2	7.7	7.8	7.8	7.7	7.3	6.9	6.3	5.9
anville	Petit Jean	20	3.4	3.2	3.2	5.8	6.2	6.5	6.9	7.1	7.7	7.8	7.1	6.0	5.7	5.3	4.8	4.8	4.8	5.1	4.9	4.7	7.8	9.1	11.3	8.7	7.3	6.1	5.8	5.6	5.1	4.7	4.3

Climatological Data for January, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	45.8	+ 2.6	72	28	17	31	38	3.98	−0.53	2.00	0.0	4	6	14	11	e.	J. W. Campbell
Arkadelphia	Clark	250	39	...	....	.....	.....	.....	.....	.....	3.69	−0.75	1.98	0.0	12	11	4	16	sw.	W. K. Bown
Arkansas City	Desha	145	50	.....	....	.....	.....	.....	.....	.....	4.53	+0.02	1.16	0.0	8	14	2	15	......	Herbert Neff
Arlberg	Stone	700	12	.....	.....	.....	.....	.....	.....	.....	2.79	−2.11	1.52	0.0	7	..	..	..	......	J. D. Reeves
Batesville	Independence	277	35	40.3	+ 2.4	75	27	4	30†	42	2.26	−2.27	1.17	T.	8	13	1	17	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	44.0	+ 3.5	69	24	9	30	41	2.33	−2.06	1.10	0.0	8	12	3	16	n.	J. E. Scanlan
Bentonville	Benton	1303	29	40.0	+ 3.8	66	24	8	30	32	1.99	−0.75	1.21	2.0	9	8	8	15	sw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	....	4	......	.....	.....	.....	.....	.....	.....	1.73	......	1.12	T.	4	12	3	16	......	C. J. Brooks
Black Rock	Lawrence	259	33	.....	.....	.....	.....	.....	.....	.....	2.47	−2.08	1.33	T.	10	14	0	17	s	Vernon C. Howe
Blytheville	Mississippi	252	9	42.8	.....	70	27	7	30	32	1.78	......	0.99	T	9	16	4	11	s.	Samuel Norris
Booneville	Logan	465	20	44.4	+ 4.2	71	22†	10	30	35	2.85	−1.32	0.75	0.0	8	10	10	11	e.	F. H. Randolph
Brinkley	Monroe	205	47	46.4^{a}	+ 4.6	75^{a}	24	11	30	41^{a}	2.44	−2.66	1.10	0.0	9	14	2	15	ne.	R. J. Torry
Calico Rock	Izard	361	30	40.1	+ 4.3	70	22†	6	30	47	2.12	−1.52	0.98	T.	7	15	0	16	sw.	E. R. Wiseman
Camden	Ouachita	158	49	46.2	+ 1.8	77	28	18	30†	41	3.49	−1.44	2.00	0.0	10	11	5	15	sw.	J. M. Knight
Carthage	Dallas	....	29	43.9	....	72	28	16	30†	41	3.92	−0.95	2.35	0.0	8	7	15	9	n	P. K. Wylie
Center Point	Howard	470	35	48.0	+ 3.4	75	27	19	9†	40	3.19	−0.88	1.42	0.0	8	9	6	16	e.	John C. Floyd
Clarendon	Monroe	172	30	......	.....	.....	.....	.....	.....	.....	2.93	−1.59	1.22	0.0	9	11	1	19	sw	J. W. Bishop
Clinton	Van Buren	516	13	.....	.....	.....	.....	.....	.....	.....	3.06	−0.98	0.98	0.0	7	10	8	13	sw.	A. L. Stephens
Conway	Faulkner	309	51	45.8	+ 4.1	75	24	13	30	41	3.25	−1.11	1.13	0.0	8	15	7	9	n.	E. E. Cordrey
Corning	Clay	293	41	42.2	+ 4.8	69	24†	6	30	38	2.69	−1.75	1.45	0.0	8	15	3	13	s.	Winfred D. Polk
Cotter	Baxter	408	7	.....	.....	.....	....	.....	.....	.....	1.68	......	0.72	0.0	5	11	3	17	nw.	O. B. McSpadden
Crosset	Ashley	175	22	47.4	+ 1.4	74	23	19	30	37	5.50	+0.34	2.00	0.0	9	10	3	18	s	G. A. Gifford
Danville	Yell	327	18	.....	.....	.....	.....	.....	.....	.....	2.68	−1.45	0.98	0.0	5	13	4	14	w.	J. M. Patterson
Dardanelle	Yell	330	48	44.7	+ 4.2	72	22†	14	30	36	4.11	+0.65	1.85	0.0	6	10	8	13	n.	Geo. N. Goodier
De Valls Bluff	Prairie	153	7	.....	.....	.....	.....	.....	.....	.....	....	......	....	....	..	..	..	..	......	H. G. Pate
Dumas	Desha	162	29	48.1	+ 4.5	72	28	15	30	38	3.00	−1.87	1.20	0.0	6	10	5	16	n.	Ben Johnson
Dutton	Madison	1590	31	39.3	+ 3.9	67	26	2	30	44	2.66	−1.52	0.84	T.	9	15	8	8	n.	J. M. Ricketts
El Dorado	Union	270	34	49.7	+ 3.9	74	28	20	30	41	4.62	+0.50	2.00	0.0	10	10	2	19	se.	J. J. Babb
England	Lonoke	229	27	46.4^{c}	+ 4.0	71^{c}	24†	14^{c}	30	36^{c}	2.61	−2.03	1.08	T.	9	13^{c}	3^{c}	12^{c}	......	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	42.0	+ 4.3	69	23	4	30	36	2.71	−0.45	1.32	3.0	10	16	5	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	41.7	+ 3.9	65	23†	8	30	34	2.04	−0.82	0.84	T.	12	10	12	9	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	43.0	+ 3.5	70	24	15	30	32	2.11	−0.43	0.74	T.	11	9	13	9	e	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	10	......	.....	.....	.....	.....	.....	.....	3.14	......	1.48	T.	5	14	3	14	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	49	.....	.....	.....	.....	.....	.....	.....	3.88	−0.47	2.23	0.0	5	13	2	16	......	T. J. Logan
Georgetown	White	200	22	.....	.....	.....	.....	.....	.....	.....	2.42	−2.96	1.50	0.0	5	13	0	18	......	Mrs. W. R. Owens
Gilbert	Searcy	675	10	.....	.....	.....	.....	.....	.....	.....	....	......	....	....	..	..	..	..	......	
Grannis	Polk	900	15	45.6	+ 5.0	72	28	13	30	40	2.75	−1.96	1.69	0.0	7	13	8	10	nw.	W. E. McVay
Gravette	Benton	1250	37	40.2	+ 3.8	66	24	7	30	35	1.92	−0.80	1.10	2.0	6	12	7	12	sw.	A. F. Stevens
Harrison	Boone	1052	34	40.5	+ 4.3	65	24	6	30	35	1.65	−1.38	0.40	T.	8	14	3	14	sw.	Louis R. Keck
Helena	Phillips	250	62	47.0	+ 4.4	71	28	8	30	33	3.24	−2.10	1.10	T.	7	11	2	18	ne.	James A. Burnett
Higden	Cleburne	445	15	......	......	....	.....	.....	.....	.....	2.57	−2.08	1.69	0.0	7	15	4	12	n.	Trumon Brown
Highland	Pike	....	15	48.8	.....	78	28	18	30	35	4.37	−0.15	2.03	0.0	10	3	11	17	s.	J. O. Cooley
Hope	Hempstead	377	64	47.5^{a}	+ 2.3	75^{a}	27†	17^{a}	30	40^{a}	3.11	−1.81	2.05	0.0	7	14	0	17	ne.	N. P. O'Neal
Hot Springs	Garland	600	43	47.0	+ 4.0	70	24†	14	30	40	2.67	−2.22	1.45	0.0	10	10	8	13	s.	National Park Service
Index	Little River	275	9	......	......	.....	.....	.....	.....	.....	2.82	......	1.25	0.0	9	12	0	19	......	H. C. Sanderson
Jessieville	Garland	750	8	.....	.....	.....	.....	.....	.....	.....	3.02	......	1.87	0.0	4	13	3	15	w.	U. S. Forest Service
Jonesboro	Craighead	345	39	44.0	+ 4.0	73	27	10	30	34	2.50	−2.51	1.44	T.	8	14	9	8	s.	Benedictine Sisters
Lead Hill	Boone	650	28	40.5	+ 3.2	70	24	2	30	43	2.02	−0.88	0.91	T.	9	14	3	14	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	44.8	+ 3.4	70	24	14	30	36	2.63	−2.10	1.64	T.	11	11	5	15	s	U. S. Weather Bureau
Lurton	Newton	2100	7	.....	.....	.....	.....	.....	.....	.....	....	......	....	...	..	..	..	..	......	Miss Mary Sutton
Lutherville‡‡	Johnson	775	35	43.6	+ 3.8	70	24	9	30	31	2.95	−0.91	0.81	T.	7	10	7	14	se.	H. G. Lennardt
Madison	St. Francis	....	4	...	.....	.....	.....	.....	.....	.....	3.00	......	1.45	T.	7	14	0	17	......	J. W. Eppes
Magnolia	Columbia	315	18	49.5	+ 3.2	75	28	20	30	37	3.27	−2.13	1.68	0.0	8	13	6	12	ne.	State Agri. School
Malvern	Hot Springs	277	48	46.4	+ 3.6	75	28	14	30	41	4.17	−1.37	2.60	0.0	8	11	2	18	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	30	41.5	+ 4.5	68	27	5	30	40	1.39	−2.41	0.60	T.	4	14	3	14	se.	S. F. Whittaker
Marianna	Lee	235	23	47.1	+ 5.9	71	28	11	30	35	2.82	−1.77	1.00	0.0	8	6	19	6	e.	C. N. Houck
Marked Tree	Poinsett	229	30	42.8	+ 4.5	70	24†	9	30	37	2.22	−3.31	1.21	T.	10	10	5	16	n	Charles Walton
Marshall	Searcy	1070	20	40.9	+ 2.0	66	22†	6	30	34	2.21	−1.55	0.94	T	6	11	2	18	sw.	A. J. Parks
Mena	Polk	1185	46	44.7	+ 3.5	70	27	16	30	35	2.32	−1.55	0.90	0.0	9	10	6	15	n	E. W. St. John
Morrilton	Conway	347	15	41.6	+ 1.0	67	22†	13	30†	33	2.96	−1.14	1.60	T.	5	13	2	16	n.	Miss Ruby Cook
Mountain Home	Baxter	800	22	41.4	+ 5.2	70	27	5	30	40	1.84	−1.39	0.50	T	6	13	2	16	w.	B. S. Halbert
Mount Ida	Montgomery	650	35	44.6	+ 4.2	74	27	12	9	46	3.00	−1.35	1.60	0.0	5	11	6	14	w.	G. A. Whittington
Newport	Jackson	231	51	43.3	+ 4.0	70	24	10	30	38	2.77	−2.16	1.78	T.	9	13	0	18	n.	J. D. Henderson
Norman	Montgomery	750	6	......	.....	.....	.....	.....	.....	.....	3.02	......	1.54	0.0	8	6	8	17	......	U. S. Forest Service
Oden	Montgomery	800	8	.....	.....	.....	.....	..	.....	.....	2.98	......	1.05	0.0	6	12	6	13	sw.	U. S. Forest Service
Okay	Howard	288	5	47.7	....	76	28	18	30	41	3.30	......	1.95	0.0	8	10	7	14	s.	Charles R. Jackson
Osceola	Mississippi	240	38	45.0	+ 5.4	71	27	8	30	36	1.99	−2.95	1.00	T.	8	11	5	15	s.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	42.0	+ 1.5	69	24	14	31	41	3.00	+0.03	1.12	T.	7	10	1	20	se.	Orkney O. Milton
Paragould	Greene	301	11	....	.....	.....	.....	.....	.....	.....	2.96	......	1.52	0.0	6	11	8	12	s.	W. R. Heagler
Parkin	Cross	....	4	.....	.....	.....	.....	.....	.....	.....	2.57	......	1.45	0.0	8	15	0	16	......	Carroll King
Patterson	Woodruff	196	18	.....	.....	.....	.....	.....	.....	.....	2.32	−2.89	1.51	0.0	5	12	6	13	n.	W. E. Baker
Piggott	Clay	307	10	.....	.....	.....	.....	.....	....	.....	2.26	......	1.31	T.	6	12	3	16	......	V. C. Wright
Pine Bluff	Jefferson	215	47	47.4	+ 4.1	74	28	16	30	36	3.30	−1.86	1.36	T.	8	12	6	13	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	41	42.6	+ 4.3	71	27†	5	30	38	1.50	−2.96	0.67	0.5	8	13	1	17	ne.	Benedictine Sisters
Portland	Ashley	122	28	49.6	+ 3.2	73	28	17	30	45	3.82	−0.44	1.17	0.0	8	10	4	17	n.	W. E. Edmiston
Prescott	Nevada	329	46	47.6	+ 3.6	72	24	17	30	38	3.05	−1.46	1.80	0.0	11	8	7	16	sw.	Craig Williams
Rison	Cleveland	243	34	48.6^{d}	+ 4.4	75^{d}	25	15^{d}	31	44^{d}	3.55	−1.85	1.95	0.0	3	13^{c}	8^{c}	7^{c}	s.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	41.1	+ 4.3	68	23†	6	30	40	2.14	−0.44	0.93	2.0	6	10	9	12	n.	Carl A. Starck
St. Charles	Arkansas	175	3	.....	. .	.....	.....	.....	.....	.....	....	......	....	....	..	.	..	.	......	
St. Francis	Clay	290	7	.....	.....	.....	.....	.....	.....	.....	2.88	......	1.16	0.0	8	13	3	15	......	S. T. Rooney
Searcy	White	236	24	43.6	+ 3.9	71	24†	9	30	38	2.15	−2.46	1.28	T.	12	14	3	14	sw.	Arthur D. Smith
Story	Montgomery	700	10	.....	.	.....	.....	.....	.....	.....	3.61	......	1.87	0.0	4	12	7	12	s.	S. C. Story
Stuttgart	Arkansas	209	47	47.5	+ 5.0	73	28	14	30	42	2.61	−2.42	0.70	T.	7	12	7	12	w.	Mrs. Kress Swim
Subiaco	Logan	1050	37	43.8	+ 2.5	72	24	12	30	36	1.98	−1.62	0.61	0.0	7	14	5	12	e.	New Subiaco Abbey
Sunset	Washington	....	3	41.2	.....	64	22	6	30	26	1.84	......	0.42	T.	9	7	15	9	sw.	Walter James
Texarkana	Miller	332	49	47.2	+ 1.2	76	28	17	30	40	3.63	−0.02	2.01	0.0	7	13	3	15	n.	H. S. Brashear
Thornburg	Perry	650	14	43.0	+ 3.4	68	22†	11	30	41	3.57	−0.95	1.42	0.0	7	14	3	14	s.	Edward E. Holmes
Waldron	Scott	675	15	.....	.....	.....	.....	.....	.....	.....	2.98	−0.98	0.56	0.0	9	13	6	12	nw.	Dr. Cheves Bevill
Warren	Bradley	206	40	48.8	+ 3.8	73	28	17	30	44	5.18	+0.58	2.00	0.0	11	16	4	11	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	10	.....	.....	.....	.....	.....	.....	.....	2.84	......	0.94	0.0	7	9	11	11	nw.	J. R. Huddleston
Wilson	Mississippi	237	9	44.4	.....	69	24†	6	30	44	2.18	......	1.00	T.	7	14	6	11	s.	D. O. Anderson
Wynne	Cross	250	26	44.2	+ 3.8	69	24	7	30	33	2.54	−2.55	1.36	T.	7	9	8	14	n.	R. T. Cobbs
Yancopin	Desha	167	10	.....	.....	.....	...	.....	.....	.....	3.14	.....	0.85	0.0	10	8	0	23	......	W. E. Barton
State Means				44.5	+3.1	78	28	2	30	47	2.85	−1.40	2.60	0.1	8	12	5	14	sw.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for January, 1934

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				2.00			.12									.95					.91											3.98
Arkadelphia	Ouachita				1.98		.02	.16					.16	.04			.60	.13	.02	.08	.01	.47						.02					3.69
Arkansas City	Mississippi				1.16	T.	.60	1.06					.30					.25		.40	.64	.12											4.53
Arlberg	White			*	1.52		.45	.17									.21		.10			.34											2.79
Batesville	White	T.			1.17	.09		.49	.03	T.			.12	T.			.05	T.		.27		.04						T.			T.		2.26
Bee Branch	Arkansas			.33	1.10		.12	.36					.03				.33		.03		T	.03											2.33
Bentonville***	Arkansas			.53	05		.35	.86	T.	T.			.02								13	.01				.03	.01			T.		T.	1.99
Big Lake Outlet	St. Francis				1.12	T.	T.	.33	.16	T			.12	T.			T	T.		T.	T	T.	T.										1.73
Black Rock	White				1.33	.05		.62	.09	T.			08	.07			.05			.08		.06					.04						2.47
Blytheville	St. Francis				.99	T.		.28	.18	T.			.07	.02			.10	.01		.08		.05											1.78
Booneville	Arkansas			.63	.31		T.	.57					.05				.51		.01		.75											.02	2.85
Brinkley	White	T			1.10	.03	.26	.22	.02				.08				T.	*		.43		.30											2.44
Calico Rock	White				.98	.05		.55	.07				T.	T.			.15		T.		.02	.30	T.						T.			T.	2.12
Camden	Ouachita			.15	2.00		.48	.21					.10					.09		.08	.18	.17				.03							3.49
Carthage	Ouachita			T.	2.35		.27	.20					.06				.20	.48	T.	.08		.28											3.92
Center Point	Red			1.42	.16		.03	.08					.04				.48		.09		.89												3.19
Clarendon	White				1.22	.06	.37	.30	T.				.12				.01	.47		.03		.35											2.93
Clinton	White			.98	.58			.52	.06				T.				.45		.02			.45				T.						T.	3.06
Conway	Arkansas			.75	1.13		.26		.08				.04				.66		.08							.25							3.25
Corning	White				1.45	05		.60	.10				.20	.05						.12		.12											2.69
Cotter	White				.72			.70	.05								.16					.05											1.68
Crossett	Ouachita				2.00		.97	.77					30	T.				.05		.89	.02	.45		.05		T							5.50
Danville	Arkansas				.98			.42									.46		.10			.72											2.68
Dardanelle	Arkansas				1.85			.33	.04								.61		.02			1.26											4.11
De Valls Bluff	White				1.06			.33	T.				.16																		T.		...
Dumas	Mississippi			T.	1.05		1.20	.05				T.	T.				.55		T.	.10	T.	.05	T.									T.	3.00
Dutton	White		.14	.84	.10		.35	.15										.35	.15			.43			.15	T.				T.		T.	2.66
El Dorado	Ouachita			.10	2.00		.95	.63					.22					.04		.55	.01	.03					.09					T.	4.62
England	Arkansas	.12		.51	1.08			.02	T.				.12				.43		.09		.14	.10											2.61
Eureka Springs	White			.27	.26		.07	1.32	.05				.05				.18				.10	.22				.19				T.			2.71
Fayetteville	White			.34	.35		.07	.84	.03				.02				.09				12	.10				.04	.02	T.				.02	2.04
Fort Smith***	Arkansas		T.	.73	.02		.50	.10				T	.01			.01	.08				.63					.01	T	.01				.01	2.11
Freeman Sprgs.	Arkansas				1.48	T.		.64	.05								.22				T.	.75											3.14
Fulton	Red			.22	2 23		T.						T.				T.	09	T	T.	.31	1.03				T.	T.	T				T.	3.88
Georgetown	White	T.			1.50	05	.10	T.	.20	T			T.	T.			T	.57		T.			T.					T					2.42
Gilbert	White																																...
Grannis	Red			1.69		.05	.20												.04		.71					.02	T.					.04	2.75
Gravette	Arkansas			.42	.21		T.	1.10					.10								.05	.04				T.							1.92
Harrison	White			.26	.40		.06	.04	T.				.04				.30				.15	.40				T.							1.65
Helena	Mississippi				1.10	.07	.76	.74		T.			.10					.22				.25											3.24
Higden	White				1.69		.12	.38	.06				.07				.19		.15											T.			2.57
Highland	Ouachita			2.03	.15		.06	.14					.06				.65		.26		.87	.11				.04							4.37
Hope	Red			2 05			.20						.09				.10		.09	T.	.52					T.						.06	3.11
Hot Springs	Ouachita			1.45	.04		.07	.08					.02				.06		.10		.50	.33				T.	.02						2.67
Index	Red			.80	1.25		.04	04											.05	.08	.04	.50	T.				.02						2.82
Jessieville	Ouachita				1 87			T.									*	.25			.90	T.					T.						3.02
Jonesboro	White	T.			1.44	.05		.48	.18	T.			.16	.02			.05			.12		T.						T.					2.50
Lead Hill	White			.17	.43		.04	.91	.01				.02				.08				.08	.28				T.				T.		T.	2.02
Little Rock***	Arkansas			1.15	.49		.15	.11	T.			.09	.01				.28		.05		.26	.03				.01						T.	2.63
Lurton	White																																...
Lutherville	Arkansas			.81	.43		.03		.56								.39				.20	.53										T.	2.95
Madison	St. Francis				1.45	T.	.59	.38	.10	T.			.09	T.				.13		T.		.26											3.00
Magnolia	Red			1.68	.36		60						.04							.22	.31	.02										.04	3.27
Malvern	Ouachita				2.60			.25					.05				.81	.05	.05	.05		.31											4.17
Mammoth Spg.	White				.60	.13		.53	.13	T.				T.			T.				T.												1.39
Marianna	St. Francis				1.00		1.00	.06					.08				.28		.02			.10										.28	2 82
Marked Tree	St. Francis				1.21	.01	.05	.41	.10	T.			.06	T.				.22		.05		.10	.01										2.22
Marshall	White			.36	.94		.02	.50	T.								.03					.36								T.		T.	2.21
Mena	Ouachita	T.		.15	.90			.30	.07				.04				.39		T.	.03		.40				T.	T.	.04				T	2.32
Morrilton	Arkansas				1.60			.18	T.	T.				T.			.58	T		.08		.52											2.96
Mountain Home	White			.15	.45		.20	.50	T.				.04									.50								T.		T.	1.84
Mount Ida	Ouachita			1.60	.19		.04										.32				.85												3.00
Newport	White				1.78	.09		.41	.03	T.			.13				.07	.08		.15	.03												2.77
Norman	Ouachita			.21	1.54		T.	.18					.08					T.	.04	.05		.86					.06					T.	3.02
Oden	Ouachita		T.	.28	1.05		T	.31	T.				T.	T.			.36		T.	.04		.94											2.98
Okay	Red			1.95	.11		.05										.10		.09		.94		.04				.02						3.30
Osceola	Mississippi				1.00	.02	.15	.32	.18	T.			.10								.12	.10											1.99
Ozark	Arkansas			.03	.90			.62	T.				.11				.20					1.12					.02	T.					3.00
Paragould	St. Francis				1.52			.67					.11				.28			.07		.31	T				T.			T.			2.96
Parkin	St. Francis				1.45		.29	.29	.18				.08	.05			T.	.12				.11											2.57
Patterson	White				1.51		.03	.42					.17				.19																2.32
Piggott	St. Francis				1.31		.05	.60	.04				.16				.10																2.26
Pine Bluff	Arkansas	T.			1.36		.64	.25	T	T.			.13				.10	.48		.06		.28											3.30
Pocahontas	White				.10			.67	.05				.18				.10		.15			.10	.15										1.50
Portland	Ouachita				1.17		.19	.80					.42							.86	.15	.09		.14									3.82
Prescott	Ouachita			.10	1.80		.05	.15					.04					.15		.13	.07	.52				.02	.02						3.05
Rison	Ouachita				*1.95*		.80										.80															T.	3.55
Rogers (near)	White			.42	.26		T.	.93					.02								.02					.49							2.14
St. Charles	White																																...
St. Francis	St. Francis		T.	T.	1.16	.18		.68		16			T	.10			T.			.32	T.	.10	.18				T.						2.88
Searcy	White	T.			1.28	.03	T.	.26	07	T.			.07	.02			.24	.05		.05	.02	.05	.01										2.15
Story	Ouachita			T.	1.87			.52									.40					.82											3.61
Stuttgart	Arkansas				.70		.41	.30	T.	T.			.15					.60		.10		.35											2.61
Subiaco	Arkansas			.50			.10	.43									.30		.03		.61	.01										T.	1 98
Sunset	Arkansas			.41	.27		.25	.42					.03				.16				.20	.04				T.	T.	.06				T.	1.84
Texarkana	Red			.73	2 01		.15												.08	.13	20	.33											3.63
Thornburg	Arkansas			1.42	.61		.13	T.									.52		.03		.08	.78				T.	T.					T.	3.57
Waldron	Arkansas			.42	.45		.42	.44					.05				.51		.05		.56					T.	T.					.08	2.98
Warren	Ouachita	.12			2.00	.11	1.10	.46					.25	.10				.40	.10			.50	T.	T.		.04							5.18
Waters	Ouachita			.90	.41			*	.11								.48				*	.94											2.84
Wilson	Mississippi				1.00		*.15*	*.32*	*.18*	T.			.10				.20					.23											2.18
Wynne	St. Francis				1.36		.13	.14	.22	T.			.12							.31		.26											2.54
Yancopin	Arkansas	T.			.85	.02	.85	.50	T.				.14	.02				.50		.12	T.	.13	.01										3.14

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.7	3.7	3.5	3.5	3.8	3.5	3.5	3.5	5.2	6.4	6.4	6.0	5.8	5.6	5.0	5.0	4.8	4.7	4.6	4.5	4.2	4.2	4.0	4.0	4.0	3.8	3.7	3.7	3.7	3.7	3.7
Calico Rock	do	18	1.7	1.5	1.2	1.5	1.7	2.1	2.1	2.6	5.1	5.4	5.1	5.0	4.5	4.1	3.6	3.2	3.0	2.9	2.6	2.2	2.5	2.0	2.1	2.5	2.2	2.0	1.8	1.8	1.7	1.6	1.2
Batesville	do	23	7.0	6.5	6.3	6.5	7.5	7.0	7.4	7.9	8.4	10.7	10.8	10.7	10.2	9.6	9.2	8.8	8.1	8.1	8.0	7.8	7.5	7.7	7.0	7.0	7.4	7.4	7.2	7.0	6.7	6.4	6.4
Newport	do	26	4.3	3.8	3.4	3.1	4.1	4.9	5.0	5.4	6.1	7.4	8.8	9.0	8.9	8.4	7.8	7.1	6.6	5.9	5.5	5.1	4.6	4.4	4.4	4.0	4.0	4.0	3.8	3.7	3.5	3.3	2.9
Georgetown	do	21	7.9	7.1	6.5	6.1	6.4	7.9	8.9	9.6	9.9	10.4	11.0	11.8	12.1	12.1	11.9	11.6	10.8	10.1	9.6	9.0	8.5	8.0	7.5	7.3	6.9	6.6	6.4	6.3	6.1	5.8	5.5
Clarendon	do	26	20.6	19.8	18.9	18.2	17.8	17.4	17.8	18.4	18.7	18.9	19.1	19.4	19.7	20.0	20.2	20.2	20.2	20.1	19.8	19.4	19.0	18.6	18.1	17.6	17.1	16.7	16.2	15.8	15.1	15.0	14.6
Black Rock	Black	14	2.8	2.7	2.6	3.4	4.0	4.3	4.0	5.4	5.6	5.3	4.9	4.6	5.0	4.8	4.2	4.4	4.3	4.0	3.7	3.5	3.5	3.3	3.2	3.0	2.9	2.8	2.7	2.5	2.4	2.4	2.3
Arkadelphia	Ouachita	12	1.8	2.6	2.4	7.0	5.8	4.4	4.0	3.6	3.6	3.4	3.4	3.2	3.2	3.0	1.6	2.8	3.6	3.2	3.0	2.2	3.0	2.2	3.0	3.0	3.2	2.8	2.6	2.6	1.0	1.2	2.0
Camden	Ouachita	26	8.1	8.7	9.1	10.8	15.2	20.1	21.1	20.8	20.1	19.2	17.5	15.4	13.6	12.7	11.7	10.5	9.4	10.9	11.9	11.3	10.9	10.0	11.6	12.5	13.3	12.9	12.4	11.2	10.2	9.6	7.9
Fulton	Red	25	7.4	7.4	7.3	9.3	10.7	12.9	15.2	15.1	14.7	14.1	13.3	12.5	11.8	11.0	10.5	10.0	9.3	8.9	8.5	8.4	8.4	8.4	8.5	8.9	9.4	9.5	9.3	8.7	8.2	7.9	7.6
Helena	Mississippi	41	20.9	19.7	18.4	17.2	15 9	15.0	14.3	13.8	13.2	12.7	12.5	13.3	15.7	18.5	21.0	23.2	24.8	25.2	25.1	24.3	23.0	21.4	19.7	18.0	16 3	14.3	11.9	9.3	8.1	7.9	7.8
Arkansas City	do	48	23.4	22.8	22.0	21.0	19 7	18.5	17.6	16.7	16.2	15.8	15.5	15.4	15.7	17.4	19.7	21.9	23.8	25.1	25.9	26.1	25.6	24.8	23.6	22.3	20.8	19.2	17.4	15.2	13.1	11.1	9.8

Daily temperatures for January, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	54	40	46	46	60	49	54	41	50	58	47	48	61	65	67	52	60	59	60	51	55	67	67	71	64	68	68	72	39	39	39	55.4
	Minimum	45	33	31	37	36	34	44	31	20	20	27	30	31	30	31	38	32	32	43	46	47	47	45	41	44	55	56	51	26	19	17	36.1
Batesville §§	Maximum	47	38	49	52	57	49	46	35	42	50	51	46	58	62	65	52	55	51	50	53	59	64	62	69	59	55	75	65	24	31	38	51.9
	Minimum	40	28	30	36	30	36	40	30	20	20	22	22	28	20	26	25	19	19	37	36	41	44	29	29	40	41	41	39	14	4	4	28.7
Bee Branch	Maximum	57	42	41	50	55	52	46	41	41	53	57	48	55	60	66	62	65	53	59	58	59	67	65	69	66	55	63	67	52	31	34	54.5
	Minimum	36	28	34	40	29	37	39	29	21	26	27	42	31	26	29	36	24	34	37	38	47	47	37	37	50	44	48	43	15	9	20	33.5
Bentonville ***	Maximum	48	56	38	40	53	48	42	28	39	35	52	44	50	58	63	52	54	50	60	57	59	62	65	66	55	50	63	54	22	32	37	49.4
	Minimum	26	28	31	30	30	34	23	20	19	26	23	38	52	28	34	30	27	38	38	39	46	46	36	47	34	35	43	22	9	8	24	30.5
Blytheville	Maximum	62	39	49	55	53	46	49	40	40	39	53	50	54	55	63	50	54	51	51	50	55	61	62	69	62	50	70	61	34	28	36	51.3
	Minimum	35	33	30	46	42	40	39	32	29	26	31	42	37	27	33	37	26	32	43	39	45	48	36	37	44	40	43	34	12	7	19	34.3
Booneville	Maximum	57	46	40	43	62	54	46	37	46	50	51	52	55	56	60	60	56	59	62	59	62	71	66	71	68	51	69	66	54	39	40	55.1
	Minimum	38	31	34	36	27	36	37	27	18	25	24	37	28	26	36	41	26	40	39	42	46	50	33	46	48	39	45	37	20	10	25	33.8
Brinkley	Maximum	63	42	49	42	60	51	52	43	44	58	59	59	..	62	71	59	57	54	63	61	65	60	66	75	68	61	69	72	52	36	39	57.4
	Minimum	39	31	30	45	36	41	41	33	33	29	29	42	37	26	30	37	23	32	40	41	49	43	36	40	48	45	47	51	17	11	19	35.5
Calico Rock§§	Maximum	40	36	47	53	60	47	44	35	41	50	51	46	55	60	69	52	56	54	55	55	61	70	64	69	56	57	70	62	32	33	39	52.2
	Minimum	38	28	28	35	29	30	35	27	21	21	22	22	29	21	22	25	19	19	35	34	36	43	29	30	50	42	39	32	13	6	7	28.0
Camden§§	Maximum	65	55	47	43	60	52	51	39	53	60	63	50	61	66	69	54	64	52	55	56	59	63	67	68	61	68	66	77	57	38	37	53.7
	Minimum	46	30	30	39	31	32	47	34	23	24	27	29	30	28	28	30	35	35	44	47	48	39	33	34	41	51	53	53	27	18	18	35.0
Carthage §§	Maximum	56	39	51	47	58	50	48	36	46	55	53	46	59	62	68	50	58	53	59	60	60	61	64	68	63	64	68	72	32	36	39	54.2
	Minimum	50	30	31	36	30	30	46	33	21	21	26	28	33	27	27	29	30	30	42	45	46	40	34	35	39	48	48	51	23	16	16	33.6
Center Point	Maximum	62	56	42	45	62	52	50	43	55	60	52	47	63	67	67	65	60	62	62	58	55	70	67	72	67	60	75	74	65	40	37	58.5
	Minimum	40	32	36	39	29	42	39	30	19	32	29	40	25	27	37	45	33	47	48	48	48	47	34	46	54	55	49	45	27	19	25	37.6
Conway	Maximum	58	44	42	50	62	52	48	43	48	56	50	48	62	65	70	64	59	53	62	54	62	72	65	75	69	57	71	72	53	36	39	56.8
	Minimum	42	30	36	40	31	41	42	33	19	24	26	41	31	27	29	38	25	37	42	36	48	45	35	39	55	47	49	41	18	13	22	34.9
Corning	Maximum	58	39	47	52	55	49	45	40	36	50	52	47	51	55	65	54	57	50	59	51	55	59	61	69	62	52	69	63	38	30	35	51.8
	Minimum	36	28	33	44	36	39	40	28	27	26	26	42	34	24	27	36	22	29	40	37	44	46	34	37	43	39	40	38	11	6	19	32.6
Crossett §§	Maximum	65	62	58	48	60	52	43	39	53	62	52	53	58	67	70	59	67	57	53	57	60	64	67	65	64	71	72	74	37	38	37	57.5
	Minimum	53	33	34	44	36	39	38	36	23	25	30	34	31	33	36	40	36	38	43	48	45	40	40	42	45	49	50	52	26	19	20	37.4
Dardanelle	Maximum	55	45	40	45	55	51	54	43	41	49	46	50	61	63	65	62	54	53	62	54	60	72	66	72	67	58	66	69	54	33	37	54.9
	Minimum	39	30	35	40	29	36	41	30	21	25	25	40	33	27	30	41	26	38	39	39	47	46	36	40	53	43	48	38	19	14	23	34.5
Dumas	Maximum	62	45	55	57	58	50	50	45	50	59	51	53	59	63	67	55	58	55	53	63	62	62	65	68	66	68	68	72	60	38	36	57.2
	Minimum	42	33	32	45	42	46	40	36	26	30	41	38	37	35	35	40	32	39	46	44	54	42	40	42	52	55	52	55	22	15	22	39.0
Dutton	Maximum	43	49	53	45	54	49	45	30	36	44	47	45	50	56	59	60	62	63	57	59	63	65	65	63	65	67	65	55	36	29	32	52.0
	Minimum	20	25	19	27	31	29	27	18	9	18	20	22	24	25	25	27	18	27	35	37	38	40	39	37	40	43	41	34	9	2	19	26.6
El Dorado	Maximum	67	58	54	49	51	54	52	43	55	60	51	58	62	68	61	59	62	57	53	56	59	67	70	67	61	68	64	74	69	39	35	58.5
	Minimum	57	33	39	43	36	48	41	33	26	29	31	39	36	36	37	44	38	45	48	48	52	42	43	47	55	54	55	56	28	20	28	40.9
England	Maximum	58	42	45	53	57	51	49	43	..	56	54	50	..	68	..	58	58	53	64	59	61	62	62	71	71	61	70	70	48	32	38	55.9
	Minimum	41	30	32	42	35	43	42	34	..	28	29	41	..	32	..	38	29	38	44	42	49	37	38	38	51	48	48	47	20	14	24	36.9
Eureka Springs	Maximum	62	51	37	39	55	49	43	31	38	36	53	45	52	60	68	57	56	59	68	58	60	64	69	67	61	54	63	56	38	33	35	52.2
	Minimum	26	30	30	33	31	34	28	16	13	30	24	38	32	33	30	37	29	40	40	38	46	45	35	48	32	34	45	42	9	4	23	31.9
Fayetteville	Maximum	56	60	52	40	53	48	44	29	40	39	51	46	53	58	62	57	54	58	61	55	58	63	65	65	63	51	62	62	38	32	38	52.0
	Minimum	26	26	32	33	30	33	28	22	19	31	23	40	30	28	32	38	24	40	36	34	44	46	31	49	35	36	45	38	12	8	25	31.4
Fort Smith***	Maximum	45	44	42	41	58	47	45	36	42	42	48	51	58	60	64	54	53	57	62	49	61	67	65	70	56	48	65	62	27	36	36	51.4
	Minimum	33	31	35	33	30	39	29	26	23	31	28	39	34	31	39	40	32	43	38	45	47	49	39	46	40	37	46	30	20	15	26	34.6
Gravette	Maximum	55	55	53	39	51	48	47	28	40	38	50	47	48	57	65	59	54	60	59	57	58	61	65	66	63	48	62	59	35	32	37	51.5
	Minimum	24	26	29	31	28	31	24	17	14	24	21	38	27	24	35	34	25	36	36	36	41	45	30	46	29	32	40	32	10	7	23	28.9
Harrison	Maximum	56	35	36	44	56	50	44	31	38	42	50	46	51	58	63	56	53	58	56	51	60	64	61	65	60	58	63	57	31	33	32	50.3
	Minimum	28	31	31	35	30	34	30	21	20	26	22	33	34	25	28	36	21	35	35	33	45	46	30	44	37	39	51	31	11	6	23	30.7
Helena	Maximum	63	44	56	56	57	50	51	44	43	56	55	59	59	61	65	56	58	57	61	70	63	63	63	69	64	67	67	71	50	31	37	57.0
	Minimum	42	32	31	41	40	44	42	34	24	32	35	39	34	29	40	40	26	40	48	43	51	47	42	43	48	45	45	48	17	8	20	37.1
Highland	Maximum	73	45	43	45	62	50	53	45	51	62	50	49	62	69	70	60	63	62	63	56	55	68	68	70	64	60	66	78	62	38	37	58.0
	Minimum	45	32	34	39	33	45	38	30	24	32	34	42	33	35	40	45	35	47	46	47	49	47	45	45	54	55	54	50	27	18	28	39.6
Hope	Maximum	71	53	47	53	63	50	50	41	55	64	51	52	62	70	71	61	64	55	58	54	57	66	72	..	65	72	75	75	58	40	36	58.7
	Minimum	41	30	35	37	27	43	38	30	22	25	27	35	28	30	36	43	32	44	46	45	47	41	34	..	51	49	53	51	27	17	24	36.3
Hot Springs	Maximum	54	50	42	44	54	51	51	40	47	58	50	48	60	65	69	66	59	58	60	57	54	66	66	70	68	61	69	70	60	37	38	56.2
	Minimum	46	30	34	40	36	42	40	30	22	28	32	40	34	34	42	39	31	45	43	46	48	48	40	45	51	50	52	49	20	14	25	37.9
Jonesboro	Maximum	59	41	46	54	57	48	46	41	40	51	53	46	57	58	66	55	56	61	51	48	60	60	56	70	64	53	73	61	40	30	36	52.8
	Minimum	40	30	32	44	39	41	39	31	26	29	31	42	36	30	32	39	26	32	44	40	45	46	40	40	46	40	45	40	14	10	19	35.1
Lead Hill	Maximum	59	37	39	47	58	46	46	34	37	43	55	47	51	62	64	55	59	61	55	49	64	66	66	70	63	56	66	58	36	34	40	52.4
	Minimum	29	29	32	38	30	31	32	22	20	21	19	31	32	19	23	37	16	27	33	32	45	43	27	38	38	38	37	35	12	2	19	28.6
Little Rock.* **	Maximum	56	37	47	52	57	48	48	36	41	52	50	46	58	58	67	57	52	52	59	54	60	64	60	70	67	54	68	68	32	30	40	53.0
	Minimum	37	30	35	41	35	41	36	27	22	30	32	39	33	34	40	37	31	44	43	42	48	47	46	44	48	46	51	32	19	14	24	36.5
Lutherville	Maximum	55	38	43	45	55	50	46	38	41	50	53	46	55	59	62	57	55	57	65	60	60	67	62	70	62	55	59	63	45	33	33	52.9
	Minimum	37	29	32	36	30	38	36	27	20	27	30	40	30	29	35	38	28	39	40	43	46	46	38	42	52	41	45	42	14	9	20	34.2
Magnolia	Maximum	67	63	45	48	59	55	51	43	53	59	54	51	57	67	70	68	64	58	55	55	58	65	68	70	67	69	64	75	66	40	37	58.7
	Minimum	55	33	39	41	31	47	42	33	23	28	31	38	35	32	42	40	39	45	49	48	50	45	41	48	55	55	56	51	29	20	29	40.3
Malvern	Maximum	59	47	41	49	60	54	49	42	48	57	52	48	60	64	68	63	59	54	61	59	57	66	65	71	65	63	69	75	62	36	40	56.9
	Minimum	45	30	36	39	31	42	41	32	19	25	37	40	27	25	27	39	28	38	44	46	48	45	35	36	51	50	50	50	22	14	25	36.0
Mammoth Spring	Maximum	57	39	47	57	57	51	48	40	37	50	53	49	54	56	64	60	53	56	59	60	56	64	61	67	64	52	68	64	35	26	34	52.8
	Minimum	33	27	32	40	36	35	35	27	25	21	24	41	28	20	24	38	19	28	31	34	38	46	29	31	40	40	48	35	11	5	15	30 2
Marianna	Maximum	62	44	56	56	57	53	52	45	42	55	55	52	58	59	65	61	52	59	62	65	63	62	63	70	66	64	69	71	53	30	37	56.7
	Minimum	42	34	31	48	41	40	38	35	35	30	30	41	40	32	30	40	36	34	45	39	45	47	40	44	50	46	50	50	18	11	20	37.5
Marked Tree§§	Maximum	52	40	52	53	54	48	51	35	40	51	54	50	56	57	65	48	54	53	55	55	62	60	62	70	57	53	70	67	24	31	37	52.1
	Minimum	46	30	29	32	40	40	42	32	26	28	29	34	36	28	28	36	26	29	41	38	38	48	36	37	43	40	42	48	14	9	10	33.4
Marshall	Maximum	55	36	37	40	50	57	44	34	38	44	47	47	46	57	58	58	52	53	53	55	54	66	63	62	62	64	66	65	41	40	37	51.0
	Minimum	23	25	31	35	30	34	33	23	19	25	22	40	34	23	36	31	20	38	35	32	41	43	29	46	41	40	40	41	11	6	21	30.8
Mena	Maximum	52	48	41	42	58	46	43	39	48	52	50	50	59	64	60	58	58	58	60	54	53	68	66	69	60	55	70	68	40	39	37	53 7
	Minimum	39	30	33	36	34	37	31	24	18	24	28	40	28	29	42	42	30	45	39	47	46	49	37	45	55	45	51	40	21	16	25	35.7
Morrilton §§	Maximum	46	36	45	43	55	47	44	33	41	49	45	47	55	60	64	48	52	48	58	50	58	67	62	67	63	50	63	65	24	32	36	50 1
	Minimum	41	29	29	35	32	31	40	31	25	25	27	28	38	31	31	32	25	26	41	38	40	44	39	39	47	46	45	44	19	13	13	33.0
Mountain Home	Maximum	50	38	39	50	58	47	45	33	36	49	54	46	55	60	67	57	56	57	62	59	62	68	64	69	60	56	70	61	35	33	37	52 7
	Minimum	29	26	31	38	32	35	31	24	21	24	23	40	34	22	27	35	21	31	39	31	44	43	30	40	38	40	40	30	10	5	19	30.1
Mount Ida	Maximum	56	47	41	49	63	54	47	41	49	55	48	51	61	67	67	61	57	57	63	57	54	69	65	70	65	62	74	71	57	37	39	56.6
	Minimum	42	23	34	39	32	33	37	29	12	19	20	39	22	21	25	40	21	39	38	45	47	50	27	31	53	46	46	45	21	13	21	32.6
Newport	Maximum	59	41	45	47	56	60	46	42	45	52	52	46	57	60	68	59	55	50	50	50	60	60	63	70	65	52	62	67	36	30	38	53.0
	Minimum	38	30	33	43	39	41	40	31	25	29	27	42	33	27	30	36	25	32	42	37	41	45	38	33	44	41	38	36	15	10	22	33.6
Ozark§§	Maximum	50	42	44	40	54	50	45	55	39	49	50	49	56	67	65	52	56	57	64	52	60	66	63	69	59	51	64	65	29	32	36	52.6
	Minimum	39	30	31	36	27	30	38	28	20	21	22	26	29	26	27	31	35	35	38	38	43	46	34	36	43	39	40	36	19	15	14	31.4
Pine Bluff	Maximum	63	43	48	54	60	51	49	44	48	56	57	57	60	65	70	52	58	53	59	58	63	59	64	72	70	64	58	74	52	34	40	56.9
	Minimum	42	33	35	42	38	45	43	33	24	30	30	37	35	31	34	40	33	40	46	46	50	44	39	40	52	50	49	52	22	16	24	37.9
Pocahontas	Maximum	60	42	47	54	54	54	46	52	40	48	51	51	54	54	63	59	53	53	59	59	56	60	61	69	68	52	71	71	46	29	38	53.7
	Minimum	35	27	32	42	34	36	37	26	24	25	25	41	35	25	25	34	20	29	41	37	43	42	34	31	46	38	36	38	11	5	18	31.4
Portland	Maximum	67	57	61	61	59	54	52	47	51	61	52	57	62	63	70	58	59	68	59	64	61	63	65	71	65	69	72	73	70	32	34	59.9
	Minimum	56	32	33	45	39	47	46	36	24	30	31	35	33	34	32	40	35	40	49	46	50	41	42	42	51	51	56	54	25	17	22	39.2
Prescott	Maximum	62	57	42	46	60	57	50	41	52	58	55	51	62	61	70	67	60	57	58	56	57	66	68	72	70	63	67	71	64	38	37	57.9
	Minimum	37	30	37	40	29	45	40	32	21	28	29	37	29	29	32	42	33	44	46	47	46	42	37	42	52	51	55	50	27	17	26	37.2
Rison	Maximum	..	..	..	..	63	54	54	45	49	61	62	60	65	67	70	68	70	68	66	67	62	62	70	74	75	72	67	73	65	35	39	62.3
	Minimum	..	..	..	..	37	45	40	31	21	28	38	27	30	31	36	35	35	32	30	31	47	39	40	44	55	50	48	51	21	18	15	35.0
Searcy	Maximum	59	41	45	50	56	50	51	42	43	53	50	48	56	59	65	60	53	50	55	53	59	62	62	71	65	56	69	71	51	30	36	53.9
	Minimum	38	29	32	41	34	40	40	30	22	27	26	41	31	25	27	35	25	31	39	37	46	41	35	33	49	42	47	43	15	9	20	33.2
Stuttgart	Maximum	63	45	49	53	58	51	50	44	44	57	56	52	60	63	68	56	57	53	63	63	63	60	64	72	18	65	68	73	62	33	37	57.1
	Minimum	44	32	33	43	37	45	41	34	25	32	33	43	34	31	35	39	30	40	46	42	52	45	40	41	50	50	49	50	20	14	24	37.9
Texarkana	Maximum	58	53	43	45	61	52	50	45	51	58	50	52	62	68	70	64	62	56	58	55	59	69	70	72	68	62	65	76	60	40	35	57.7
	Minimum	41	30	35	35	28	38	37	29	20	27	28	38	28	28	40	43	33	43	43	45	45	45	41	45	52	52	50	52	25	17	27	36.8
Thornburg	Maximum	57	34	38	45	60	49	46	39	45	55	50	46	60	63	67	58	57	54	60	50	57	63	67	68	66	57	67	67	50	34	38	53.9
	Minimum	33	26	34	38	28	41	39	28	12	20	21	41	27	22	28	37	19	34	35	34	45	49	28	39	55	45	49	40	17	11	23	32 2
Warren	Maximum	65	52	53	57	60	55	50	43	48	60	54	52	60	63	68	63	51	57	54	61	61	62	67	71	63	70	68	73	68	35	35	58.0
	Minimum	52	32	36	44	39	47	43	35	24	29	30	39	34	37	34	42	36	45	49	48	48	40	41	43	52	55	54	53	24	17	24	39 5
Wilson	Maximum	63	42	46	54	53	51	52	55	41	51	55	52	55	62	65	64	54	55	57	54	63	61	62	69	68	50	69	67	56	28	37	55.2
	Minimum	40	32	28	44	40	40	39	32	26	27	33	40	35	27	30	36	23	31	41	38	42	40	35	37	43	40	43	40	12	6	20	33.5
Wynne	Maximum	52	44	47	53	55	49	52	41	43	53	56	51	53	56	64	62	54	57	60	57	63	59	61	69	64	56	67	68	46	29	33	54.0
	Minimum	39	27	29	40	37	40	37	30	21	29	34	39	38	37	43	41	21	29	41	36	45	44	36	42	44	40	44	46	13	7	13	34.3

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark.—2-27-34-1000

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

JUN 28 1934

H. S. COLE

Vol. XXXIX Little Rock, Ark., February, 1934 No. 2

GENERAL SUMMARY

Except for a brief period from the 9th to the 11th, temperatures were generally above normal until the 17th, but thereafter they were continuously below normal for the remainder of the month with departures ranging from 10° to more than 25° below normal from the 24th to the 28th. Highest temperatures occurred on either the 2d, 14th, or 15th, while the lowest in most sections occurred either the 26th or 27th when a cold wave overspread the entire State bringing temperatures as low as 20° to southern border counties. The mean temperature for the State, based on the reports of 62 stations, was 41.5° which is 2.1° below the mean for the past 44 years. Of the stations for which normals have been computed, only three had positive departures. Monthly means ranged from 34.0° at Dutton in the Ozarks to 47.8° at El Dorado in a southern border county. The highest temperature recorded was 82° at Grannis on the 15th; the lowest, 3° at Lead Hill on the 27th. The greatest daily range was 56° at Calico Rock on the 14th.

While a number of stations in the southern portion of the State received more than an inch of rainfall during the first 17 days of the month, some sections in the northern portion had no rain during this time. After the 17th there was an average of four rainy days but the southern half of the State again received the heaviest rainfall. A few stations reported snow flurries and a little sleet either the 9th or 10th and nearly all stations some snow from the 24th to the 28th, the average for the month for the 90 stations being 0.5 inch. The greatest depth reported was 2.0 inches at Bee Branch, Eureka Springs, and Mount Ida on the 28th. Glaze formed in some sections on the 9th and 10th and in northern and central sections of the State on the 24th and 25th. In some northern border counties considerable damage was done to telephone, telegraph, and power lines and to fruit trees and shrubbery. The ice and sleet coated the ground and travel was hazardous. The average precipitation for the State, based on the reports of 90 stations, was 2.00 inches which is 1.34 inches below the mean for the past 44 years. Only five of the stations with records of 10 years or more had positive departures. Monthly totals ranged from 0.37 inch at Higden to 5.76 inches at Portland, with stations in northern and central portions of the State receiving approximately 50% of the average rainfall. The greatest amount measured in any 24-hour period was 2.05 inches at Paragould on the 25th. The average number of rainy days was 6.

Except for a brief period from the 8th to the 11th, the weather was favorable for the usual out-door activities until the 17th. Much more than the usual amount of plowing was done and in southern and central sections spring oats and grass seeds were sown, and some gardens planted. Very little farm work was done the last 10 days of the month due to the cold, rainy weather and frozen ground. The cold wave of the 25th and 26th damaged early potatoes and gardens in northern and central portions.

T.A.M.

GLAZE:

24th-25th, several thousand dollars damage in northern border counties to telephone, telegraph, and power lines.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	1									2	4						2	2			4			2	1						
Light Hail																		2													
Sleet	2								11	8	3													16	8						
Glaze									1	4	1													6	10						
Thunderstorms										1					2	1	3	15	1		3			4	25			1			

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30.17	30.71	27	29.60	25	7.3	22	s	17	....		....	67
Fort Smith	30.19	30.73	27	29.65	25	9.4	27	nw	18	73	53	50	48
Little Rock	30.22	30.83	27	29.69	25	8.7	23	nw	25	74	52	51	60
Memphis	30.21	30.83	27	29.68	25	8.4	26	n	18	72	55	57	64

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	+2.9	80	6	2.92	-0.42	7.87	0.75	. .	8	10	9	9
1892	49.0	+5.4	78	18	3.47	+0.13	6.50	1.24	T.	7	11	9	9
1893	42.4	−1.2	74	2	4.05	+0.71	6.63	0.07	0.8	8	9	6	13
1894	40.5	−3.1	75	0	6.32	+2.98	11.46	2.15	2.5	8	8	7	13
1895	33.5	−10.1	78	−17	0.71	−2.63	1.99	0.10	2.0	4	10	7	11
1896	45.2	+1.6	79	11	3.30	−0.04	7.69	1.44	0.5	6	15	6	8
1897	46.6	+3.0	89	7	2.59	−0.75	5.80	0.45	0.7	4	10	7	11
1898	45.8	+2.2	82	7	2.08	−1.26	5.28	0.47	T.	5	15	5	8
1899	31.8	−11.8	75	−25	2.18	−1.16	4.15	0.63	2.7	6	12	6	10
1900	39.7	−3.9	74	−5	5.06	+1.72	6.06	1.92	1.2	8	9	7	12
1901	40.8	−2.8	79	10	2.18	−1.16	4.45	0.74	1.6	6	10	7	11
1902	35.0	−8.6	72	−2	2.60	−0.74	4.63	0.50	3.2	5	9	8	11
1903	41.0	−2.6	79	−12	7.63	+4.29	11.49	3.15	2.7	10	10	6	12
1904	44.9	+1.3	86	10	2.47	−0.87	5.01	0.18	0.8	5	12	8	9
1905	32.3	−11.3	82	−29	2.55	−0.79	5.71	1.00	7.1	7	9	6	13
1906	41.8	−1.8	75	−7	2.21	−1.13	4.00	0.87	1.6	6	15	5	8
1907	44.9	+1.3	83	4	2.77	−0.57	5.45	0.29	0.5	5	12	6	10
1908	44.2	+0.6	78	0	5.26	+1.92	12.70	1.92	0.4	9	12	5	12
1909	47.3	+3.7	82	5	5.41	+2.07	8.96	1.57	0.9	8	13	6	9
1910	39.0	−4.6	75	−13	3.66	+0.32	6.57	1.60	5.9	7	11	6	11
1911	49.8	+6.2	87	7	4.31	+0.97	7.20	2.38	0.3	9	9	8	11
1912	37.9	−5.7	78	−7	2.80	−0.54	4.50	1.32	4.5	6	12	8	9
1913	41.0	−2.6	82	5	3.74	+0.40	5.97	0.95	1.8	8	11	6	11
1914	40.4	−3.2	79	−2	4.23	+0.89	8.60	1.68	0.9	7	11	7	10
1915	45.9	+2.3	76	11	4.47	+1.13	6.90	2.52	1.3	8	11	5	12
1916	43.4	−0.2	82	6	1.78	−1.56	4.43	0.06	1.3	5	14	4	11
1917	43.4	−0.2	89	−4	1.93	−1.41	4.80	0.50	1.1	4	15	5	8
1918	46.9	+3.3	93	4	1.17	−2.17	4.44	0.00	0.4	4	12	6	10
1919	44.1	+0.5	80	−10	3.34	0.00	5.56	1.44	2.5	8	13	4	11
1920	45.0	+1.4	79	−2	1.26	−2.08	3.18	0.35	1.0	5	11	8	10
1921	48.3	+4.7	85	−3	3.59	+0.25	8.90	1.06	9.8	6	15	5	8
1922	47.8	+4.2	84	10	4.89	+1.55	9.70	1.70	1.3	8	9	7	12
1923	41.9	−1.7	80	5	4.66	+1.32	8.21	1.66	1.9	8	11	4	13
1924	42.9	−0.7	82	−7	2.26	−1.08	6.36	0.60	0.4	7	12	4	13
1925	49.3	+5.7	83	12	3.37	+0.03	6.65	1.04	0.5	6	12	7	9
1926	48.5	+4.9	88	10	2.02	−1.32	3.52	0.61	0.3	4	15	5	8
1927	52.1	+8.5	90	9	2.62	−0.72	7.02	1.23	1.5	8	10	7	11
1928	45.0	+1.4	79	10	2.23	−1.11	4.69	0.96	0.6	7	12	6	11
1929	35.4	−8.2	76	−20	4.01	+0.67	6.29	1.97	8.8	10	9	4	15
1930	52.2	+8.6	86	16	3.92	+0.58	6.18	1.60	0.0	6	12	6	10
1931	48.2	+4.6	75	14	4.77	+1.43	8.04	2.52	T.	8	13	4	11
1932	52.0	+8.4	86	9	4.72	+1.38	8.14	1.14	T.	9	13	5	11
1933	41.5	−2.1	82	−13	3.53	+0.19	8.69	1.53	2.4	10	11	5	12
1934	41.5	−2.1	82	3	2.00	−1.34	5.76	0.37	0.5	6	14	4	10
Period	43.6	.....	93	−29	3.34	......	12.70	0.00	1.8	7	11	6	11

Daily River Stages for February, 1934

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.6	5.5	5.5	5.5	5.5	5.5	5.1	5.0	4.8	4.8	5.3	6.0	5.9	5.6	5.0	4.9	4.8	4.7	4.6	4.6	4.7	4.5	4.6	4.7	4.7	4.6	5.2	5.4			
Ozark	do	22	1.3	1.3	1.3	1.2	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.9	0.8	0.5	0.4	0.4	0.4	0.4	0.9	1.0	0.6	0.4	0.4	1.2			
Dardanelle	do	22	4.8	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	4.0	4.0	4.2	4.6	4.5	4.2	4.1	4.0	4.0	3.9	3.8	3.8	4.1	4.0	4.0	4.0	4.0	4.0			
Morrilton	do	20	0.7	0.6	0.4	0.3	0.2	-0.1	-0.2	-0.3	-0.4	-0.5	-0.6	-0.6	-0.6	0.0	0.3	0.0	-0.3	-0.4	-0.6	-0.7	-0.6	-0.8	-0.7	-0.4	-0.4	-0.6	-0.6	-0.5			
Little Rock	do	23	1.2	1.0	0.8	0.6	0.5	0.3	0.3	0.2	0.1	-0.1	-0.2	-0.2	-0.3	-0.3	0.2	0.5	0.3	0.1	-0.2	-0.3	-0.4	-0.5	-0.5	-0.4	-0.1	0.0	0.0	-0.1			
Pine Bluff	do	25	5.6	5.3	5.1	5.0	4.9	4.7	4.6	4.6	4.6	4.4	4.4	4.3	4.1	4.0	4.0	4.2	4.6	4.4	4.1	4.0	4.0	4.0	3.9	3.9	3.9	4.1	4.1	4.1			
Danville	Petit Jean	20	4.2	4.1	4.1	4.0	3.8	3.7	3.4	3.2	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.6	2.8	2.8	2.8	2.8	2.8	3.0			

Climatological Data for February, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	44.4	-0.2	77	2	17	27†	40	1.76	-1.78	0.65	1.0	5	12	8	8	e.	J. W. Campbell
Arkadelphia	Clark	250	39	......	......	......	......	......	......	......	1.78	-1.90	0.52	1.0	10	16	1	11	n.	W. K. Bown
Arkansas City	Desha	145	50	......	......	......	......	......	......	......	4.17	-0.20	0.93	0.0	11	14	2	12	......	Herbert Neff
Arlberg	Stone	700	12	......	......	......	......	......	......	......	1.48	-1.98	1.04	0.8	3	..	..	..	......	J. D. Reeves
Batesville	Independence	277	35	35.4	-5.4	74	14	7	27	49	2.07	-1.22	1.17	1.0	6	15	2	11	ne.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	41.2	-1.2	75	14	10	27	45	1.08	-1.95	0.41	2.0	5	17	1	10	n.	J. E. Scanlan
Bentonville	Benton	1303	29	38.6	-1.0	73	14	9	27	36	0.86	-1.29	0.41	0.5	6	11	3	14	ne.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	230	4	......	......	......	......	......	......	......	1.85	......	1.14	T.	4	20	1	7	......	C. J. Brooks
Black Rock	Lawrence	259	33	......	......	......	......	......	......	......	2.11	-0.93	1.15	0.4	5	16	1	11	n	Vernon C. Howe
Blytheville	Mississippi	252	9	37.5	......	75	14	8	27	38	1.76	......	1.23	T	6	19	2	7	n.	Samuel Norris
Booneville	Logan	465	20	42.7	-3.3	78	14	15	27	46	1.00	-1.13	0.38	0.6	6	15	2	11	e.	F. H. Randolph
Brinkley	Monroe	205	47	42.4[a]	-1.4	75[a]	15	13	27	45[a]	2.07	-1.93	0.68	0.0	9	19	0	9	ne.	R. J. Torry
Calico Rock	Izard	361	30	35.2	-5.6	80	14	6	27	56	1.25	-1.22	0.75	0.4	5	14	5	9	nw.	E R. Wiseman
Camden	Ouachita	158	49	43.2	-4.0	75	2	19	27	46	3.51	-0.37	0.90	1.0	12	13	2	13	w.	J. M. Knight
Carthage	Dallas	297	29	41.2	......	74	15	17	27†	43	1.34	-2.21	0.48	1.0	7	10	9	9	n.	P. K. Wylie
Center Point	Howard	470	35	45.4	-1.6	80	2	17	27	50	2.00	-1.37	0.78	1.0	5	14	4	10	e.	John C. Floyd
Clarendon	Monroe	172	30	......	......	......	......	......	......	......	1.98	-1.84	0.46	T.	10	13	4	11	n.	J. W. Bishop
Clinton	Van Buren	516	13	......	......	......	......	......	......	......	1.48	-1.85	0.93	0.7	5	13	6	9	ne.	A. L. Stephens
Conway	Faulkner	309	51	42.8	-1.2	79	14	14	27	47	1.81	-1.78	0.80	0.0	6	18	3	7	e.	E. E Cordrey
Corning	Clay	293	41	37.4	-2.1	76	14	5	27	40	2.27	-1.09	1.40	T.	4	19	2	7	e.	Winfred D. Polk
Cotter	Baxter	408	7	......	......	......	......	......	......	......	1.62	......	0.93	0.5	5	14	5	9	......	O. B. McSpadden
Crosset	Ashley	175	22	44.6	-5.2	76	14†	21	27	42	5.49	+2.45	1.50	T.	12	15	3	10	ne.	G. A. Gifford
Danville	Yell	327	18	......	......	......	......	......	......	......	1.49	-0.90	0.68	0.5	7	15	4	9	......	J. M. Patterson
Dardanelle	Yell	330	48	42.8	-2.0	78	14	14	27	47	0.94	-2.02	0.58	0.4	5	7	9	12	n	Geo. N. Goodier
De Valls Bluff	Prairie	153	7	......	......	......	......	......	......	......	*2.05*	......	0.61	T.	..	..	..	..	......	Frank O'Rourke
Dumas	Desha	162	29	44.6	-4.5	74	15	18	27	42	2.77	-1.22	0.72	T.	7	10	9	9	n	Ben Johnson
Dutton	Madison	1590	31	34.0[a]	-5.4	69[a]	15	4[a]	26	46[a]	0.56	-2.19	0.41	T.	2	15	7	6	n.	J. M Ricketts
El Dorado	Union	270	34	47.8	-0.8	75	2	21	27	41	4.36	+0.31	1.12	0.5	10	12	3	13	n.	J. J. Babb
England	Lonoke	229	27	41.4[c]	-5.8	73[c]	2†	16[c]	27	42[c]	1.35	-2.50	0.52	0.4	7	15[c]	3[c]	7[c]	......	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	39.6	-1.2	76	14	5	27	36	1.56	-0.97	0.31	2.0	7	15	5	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	39.8	-0.2	72	14	10	26†	38	1.49	-0.83	0.72	T.	6	11	9	8	ne.	University of Arkansas
Fort Smith	Sebastian	457	53	43.0	+0.2	77	14	15	27	38	0.78	-1.78	0.40	0.2	7	12	5	11	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	10	......	......	......	......	......	......	......	1.07	......	0.85	0.4	3	19	0	9	ne.	R. J. Mc Cuiston
Fulton	Hempstead	260	49	......	......	......	......	......	......	......	2.85	-0.20	0.96	1.8	9	15	0	13	......	T. J. Logan
Georgetown	White	200	22	......	......	......	......	......	......	......	2.07	-1.32	0.62	0.2	8	17	0	11	......	Mrs. W. R. Owens
Gilbert	Searcy	675	10	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	
Grannis	Polk	900	15	43.8	-1.8	82	15	16	27	50	2.46	-1.38	0.60	1.0	11	11	6	11	n.	W. E. McVay
Gravette	Benton	1250	37	38.4	-0.2	73	14	8	26†	42	1.00	-0.87	0.45	0.5	5	11	7	10	n.	A. F. Stevens
Harrison	Boone	1052	34	37.8	-0.8	70	11	6	27	41	2.64	+0.16	1.20	0.0	6	16	4	8	sw.	Louis R. Keck
Helena	Phillips	250	62	42.2	-2.6	73	14	14	27	39	2.10	-2.40	0.57	T.	9	12	4	12	ne.	James A. Burnett
Higden	Cleburne	445	15	......	......	......	......	......	......	......	0.37	-2.26	0.15	0.5	3	17	0	11	n.	Trumon Brown
Highland	Pike	600	15	45.5	......	74	15	17	27	35	2.74	-0.19	0.80	0.5	9	6	13	9	e.	J. O. Cooley
Hope	Hempstead	377	64	46.2	-2.1	76	3	15	27	42	3.17	-0.83	1.79	1.2	5	16	3	9	ne.	N. P. O'Neal
Hot Springs	Garland	600	43	45.2	-1.6	79	2	14	27	41	1.69	-1.94	0.83	T.	8	8	11	9	......	National Park Service
Index	Little River	275	9	......	......	......	......	......	......	......	1.77	......	0.45	1.0	8	15	3	10	......	H. C. Sanderson
Jessieville	Garland	750	8	......	......	......	......	......	......	......	1.08	......	0.66	0.3	3	14	5	9	se.	U. S. Forest Service
Jonesboro	Craighead	345	39	40.0	-2.0	75	14	8	27	43	1.96	-1.66	1.35	0.5	5	14	8	6	s.	Benedictine Sisters
Lead Hill	Boone	650	28	37.0	0.0	80	14	3	27	51	2.14	-1.20	1.06	T	7	17	2	9	nw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	41.6	-3.3	72	2	15	27	39	1.40	-2.44	0.52	0.2	8	13	4	11	e.	U. S. Weather Bureau
Lurton	Newton	2100	7	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	Miss Mary Sutton
Lutherville ‡‡	Johnson	775	35	41.6	-0.3	75	14	9	27	36	1.22	-1.78	0.52	0.3	5	13	4	11	ne.	H. G. Lenhardt
Madison	St. Francis	209	4	......	......	......	......	......	......	......	1.84	......	0.73	T.	4	17	0	11	......	J. W. Eppes
Magnolia	Columbia	315	18	47.0	-4.4	75	3	21	27	41	2.89	-0.62	1.12	0.5	5	11	6	11	n.	State Agri. School
Malvern	Hot Springs	277	48	43.7	-3.4	78	2	15	27	51	1.88	-1.78	0.63	0.3	8	17	2	9	e.	Mrs. W. L Matthews
Mammoth Spring	Fulton	600	30	37.2	-2.6	74	14	4	27	42	1.63	-1.08	1.30	1.5	3	14	5	9	nw.	S. F. Whittaker
Marianna	Lee	235	23	42.3	-3.0	72	14	14	27	38	1.53	-2.23	0.50	0.2	7	13	8	7	ne.	C. N. Houck
Marked Tree	Poinsett	229	30	37.2	-6.4	75	14	10	27	46	1.68	-1.90	0.76	T.	5	14	5	9	s.	Charles Walton
Marshall	Searcy	1070	20	37.6	-6.2	70	14†	5	27	40	1.43	-0.99	0.65	0.4	7	15	3	10	sw.	A. J. Parks
Mena	Polk	1185	46	42.2	-1.8	76	2	14	27	42	1.71	-1.44	0.57	1.0	6	11	5	12	n.	E. W. St. John
Morrilton	Conway	347	15	39.0	-7.6	73	14	14	27†	38	1.16	-1.50	0.62	0.1	7	12	4	12	ne.	Miss Ruby Cook
Mountain Home	Baxter	800	22	37.0	-5.2	70	13†	4	27	45	2.00	-0.36	1.35	1.0	5	16	1	11	w.	B. S. Halbert
Mount Ida	Montgomery	650	35	40.8	-5.2	78	2	12	20	54	1.75	-2.19	0.92	2.0	6	14	3	11	e.	G A. Whittington
Newport	Jackson	231	51	39.8	-1.8	74	14	11	27	40	1.91	-1.70	1.06	0.3	7	15	2	11	s.	J. D. Henderson
Norman	Montgomery	750	6	......	......	......	......	......	......	......	1.82	......	0.78	1.4	7	14	3	11	......	U. S. Forest Service
Oden	Montgomery	800	8	......	......	......	......	......	......	......	1.29	......	0.47	1.2	8	13	4	11	se.	U. S. Forest Service
Okay	Howard	288	5	47.2	......	77	3	18	27	48	2.16	......	1.14	1.0	7	15	4	9	ne.	Charles R. Jackson
Osceola	Mississippi	240	38	41.3	-1.5	75	14	10	27	42	1.65	-1.79	0.95	T.	4	15	3	10	n.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	40.7	-2.5	77	14	14	27†	45	0.89	-1.58	0.63	0.5	5	17	0	11	e.	Orkney O. Milton
Paragould	Greene	301	11	......	......	......	......	......	......	......	3.24	......	2.05	T.	6	18	3	7	ne.	W. R. Heagler
Parkin	Cross	222	4	......	......	......	......	......	......	......	1.65	......	0.70	0.0	4	15	3	10	......	Carroll King
Patterson	Woodruff	196	18	......	......	......	......	......	......	......	2.64	-0.72	0.80	0.0	5	15	2	11	n.	W. E. Baker
Piggott	Clay	307	10	......	......	......	......	......	......	......	2.07	......	1.30	T.	6	18	2	8	nw.	V. C. Wright
Pine Bluff	Jefferson	215	47	44.8	-1.4	75	2	19	27	43	2.97	-0.89	0.88	0.2	11	14	5	9	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	41	38.2	-3.0	74	14	5	27	47	2.15	-1.18	0.99	1.0	6	13	4	11	ne.	Benedictine Sisters
Portland	Ashley	122	28	46.3	-3.1	74	14†	20	27	43	5.76	+1.56	2.00	0.3	10	14	2	12	n.	W. E. Edmiston
Prescott	Nevada	329	46	45.4	-1.6	75	14	17	27	42	2.58	-0.91	1.24	0.8	7	14	4	10	e.	Craig Williams
Rison	Cleveland	243	34	44.2	-2.4	76	15	18	27†	47	2.96	-0.43	1.10	1.0	6	16	4	8	n.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	39.5	+0.5	75	14	7	27	40	1.21	-0.68	0.43	1.0	5	12	3	13	n.	Carl A. Starck
St. Charles	Arkansas	175	3	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	
St. Francis	Clay	290	7	......	......	......	......	......	......	......	2.38	......	1.54	0.5	4	16	3	9	......	S. T. Rooney
Searcy	White	236	24	40.2	-5.0	73	14	12	27	46	2.28	-0.79	0.85	0.5	8	16	3	9	ne.	Arthur D. Smith
Story	Montgomery	700	10	......	......	......	......	......	......	......	1.76	......	0.84	1.0	3	16	1	11	n.	S. C. Story
Stuttgart	Arkansas	209	47	43.0	-1.8	73	2	17	27	42	2.33	-1.60	0.68	T.	7	17	3	8	ne.	Mrs. Kress Swim
Subiaco	Logan	1050	37	42.5	-0.9	78	14	11	26	39	1.09	-1.60	0.37	0.5	7	16	2	10	ne.	New Subiaco Abbey
Sunset	Washington	2250	3	39.8	......	70	14	5	26	33	1.41	......	0.98	T.	5	13	8	7	sw.	Walter James
Texarkana	Miller	332	49	46.5	-1.9	76	2	18	27	39	2.59	-0.53	0.62	1.0	7	16	3	9	n	H. S. Brashear
Thornburg	Perry	650	14	39.8	-3.8	75	15	11	27	47	1.44	-2.42	0.71	T.	6	17	3	8	n.	Edward E. Holmes
Waldron	Scott	675	15	......	......	......	......	......	......	......	1.61	-1.44	0.50	1.1	7	14	3	11	ne.	Dr. Cheves Bevill
Warren	Bradley	206	40	47.0	+0.3	74	2†	20	27	40	4.73	+0.62	0.75	0.5	13	17	3	8	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	10	......	......	......	......	......	......	......	1.70	......	0.70	1.5	4	10	6	12	e.	J. R. Huddleston
Wilson	Mississippi	237	9	39.5	......	72	14	7	27	40	2.10	......	......	T.	5	16	2	10	n.	D. O. Anderson
Wynne	Cross	250	26	37.0	-7.8	73	14†	8	27	43	1.39	-2.11	0.52	T.	6	13	4	11	n.	R. T. Cobbs
Yancopin	Desha	167	10	......	......	......	......	......	......	......	2.80	......	0.69	T	11	14	1	13	......	W. E. Barton
State Means				41.5	-2.1	82	15	3	27	56	2.00	-1.34	2.05	0.5	6	14	4	10	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters [a], [b], [c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for February, 1934

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita															.20	.30		.52							.65			.09				1.76
Arkadelphia	Ouachita	.02							.01	.12	.34		.09						.52				.12		.02	.45			.09				1.78
Arkansas City	Mississippi	.37								.18	.24	.56	.20						.06	.54		.04	.93			.27	.78		T.				4.17
Arlberg	White																		.38						1.04		T.		.06				1.48
Batesville	White										T.	T.	T.						.22	.08			.43		T.	1.17	.07	T.	.10				2.07
Bee Branch	Arkansas																		.30			.11			.16	.41			.10				1.08
Bentonville ***	Arkansas										T	.01						.05	.14			.25	T.		.30	.11	T.						0.86
Big Lake Outlet	St. Francis	T																		.36			.20			1.14	.15	T	T.				1.85
Black Rock	White												T.							.11			.60			1.15	.23		.02				2.11
Blytheville	St. Francis	.03										.01	T.							.34			.13			1.23	.02	T.					1.76
Booneville	Arkansas								.10			.02							.38			T.			.16	.30			.04				1.00
Brinkley	White	.10										.10	.04						*	.54		T.	.68		.04	.39	.18						2.07
Calico Rock	White	T.										T.							.10				.31		T.	.75	.05		.04				1.25
Camden	Ouachita	.15								.18	.77	.15	.10				.04		.78			.14	.10			.90	.12		.08				3.51
Carthage	Ouachita	.10								.08	.05		T						.48			T.	.10			.43			.10				1.34
Center Point	Red									.78	T	.15	T.										.62			.30			.15				2.00
Clarendon	White	.22									.10	T	.08						.30	.20		.03	.46		.04	.33	.22		T.				1.98
Clinton	White										T.	.02							.39			.11			.93	T.			.03				1.48
Conway	Arkansas											.05							.67			.12	.02		.15	.80							1.81
Corning	White																		T.	.02			.80			1.40	T.		.05				2.27
Cotter	White											T.							.18				.38			.93	.10		.03				1.62
Crossett	Ouachita	.68								.78	.45	.18	.13				.23			.58			.23	.50		1.50	.15		.08				5.49
Danville	Arkansas								.06		T.	.04	T.						.53			.08	.05			.68			.05				1.49
Dardanelle	Arkansas								T.				T.						.22				.06			.58	.02		.06				0.94
De Valls Bluff	White																		.60			.61			.03	.51			T.				...
Dumas	Mississippi	.20								.30	T.	.10							.72			.70	.10			.65		T.	T.				2.77
Dutton	White																		.41		T.			.15	T.			T					0.56
El Dorado	Ouachita	.47								1.12	.52	.12	.13						.87			.14	T.			.52	.32		.15				4.36
England	Arkansas								T.	.06		.11							.52			.06			.06	.50			.04				1.35
Eureka Springs	White										.06								.31			.21	.22		.30	.30	.16						1.56
Fayetteville	White	.01									T.								.28			.11	.07		.30	.72	T.						1.49
Fort Smith ***	Arkansas								.04		T.	.01						.01	.29			T			.08	.34			.01				0.78
Freeman Sprgs.	Arkansas																		.20							.85	T.		.02				1.07
Fulton	Red	.24								.26	.36	.04	.11						.65			.05	T.		T.	.96			.18				2.85
Georgetown	White	T.									.10	.05	.07							.62		T.	.48		T.	.59	.12		.04				2.07
Gilbert	White																																..
Grannis	Red	.04							.40	.40	.03	.10							.60		.02	.04			.09	.58			.16				2.46
Gravette	Arkansas											T.							.45			.11	.14		.20	T.	.10						1.00
Harrison	White										.01								.22			.15	.15		1.20	.91							2.64
Helena	Mississippi	.20									.03	.04	.02							.57			.30		.02	.50	.42	T					2.10
Higden	White																		.10						.15				.12				0.37
Highland	Ouachita								.06	.80		.19							.65			.45	.29		.05	.09			.16				2.74
Hope	Red									.62		.10							.51			T.				1.79			.15				3.17
Hot Springs	Ouachita								.05	.37		.15							.10			.08			.05	.83			.06				1.69
Index	Red	.14								.42	.24	.02	.10						.45							.35			.05				1.77
Jessieville	Ouachita										T.	T.							.38			T.			T.	.66			.04				1.08
Jonesboro	White	.11																	T	.29						1.35	.18		.03				1.96
Lead Hill	White										T.	.03							.24			.15	.25		.40	1.06	T.		.01				2.14
Little Rock ***	Arkansas								T.	.03	.01	.09							.51			.21		T.	.05	.49			.01				1.40
Lurton	White																																...
Lutherville	Arkansas																		.28			.15			.24	.52			.03				1.22
Madison	St. Francis	.23									T.	T.	T.						T.	.52			.36		T.	T.	.73						1.84
Magnolia	Red									1.12		.14							.73			T.				.70			.20				2.89
Malvern	Ouachita									.10	.40		.05						.55			.05	.05			.63			.05				1.88
Mammoth Spg.	White	T.																	T.				.30			1.30			.03				1.63
Marianna	St. Francis									.02	.05	.15							.50			.27			.04	.50			T.				1.53
Marked Tree	St. Francis	.10																	T	.54			.14			.76	.14	T					1.68
Marshall	White											.02							.25			.20	.02		.27	.65			.02				1.43
Mena	Ouachita	.01							.53		T								.36	T.			T.		.05	.57			.19				1.71
Morrilton	Arkansas										T.	T.	.06						.32	.06		.04	.05			.62	T.		.01				1.16
Mountain Home	White											T.							.20			.20	.15		1.35				.10				2.00
Mount Ida	Ouachita								.15	.24									.34							.92			.10				1.75
Newport	White	.02									T.	.02							.05	.46			.28			1.06		T.	.02				1.91
Norman	**Ouachita**								T	T.	.34	T.	.16						.34				.03	T	.03	.78			.14				1.82
Oden	**Ouachita**								.14	T.	.06	T.	.07						.36			.02	T.		.04	.47			.13				1.29
Okay	Red								.09	.55		.18							.04			.06		T.	T.	1.14			.10				2.16
Osceola	Mississippi												.10							.45			T.	.15		.95	T.		T.				1.65
Ozark	Arkansas									T.									.18	T.		T	.03			.63	.03		.02				0.89
Paragould	St. Francis	.12										.09								.25			.65		T.	2.05	.08						3.24
Parkin	St. Francis																		T.	.65			.21			.70	.09						1.65
Patterson	White																		.61		.75	.08			.80	.40							2.64
Piggott	St. Francis											.01							.14			.01	.41		.20	1.30							2.07
Pine Bluff	Arkansas	.22								.02	.32		.11						.62	.04		.02	.54			.88	.18		.02				2.97
Pocahontas	White																		.13			.15	.48		.30	.99			.10				2.15
Portland	Ouachita	.61								.56	.56	.31	.10				.38		.60				.59			T.	2.00		.05				5.76
Prescott	Ouachita									.21	.27		.22						.47			.07				1.24			.10				2.58
Rison	Ouachita	.16								.20									1.10			.30				1.10			.10				2.96
Rogers (near)	White										T.	T.							.37			.04	.05		.32	.43	T.						1.21
St. Charles	White																																..
St. Francis	St. Francis	T.										T.	.10						T.	.10			.64			1.54	T.						2.38
Searcy	White										.07	.02	.03						.36	.51			.39			.85	T.		.05				2.28
Story	Ouachita																		.84							.80			.12				1.76
Stuttgart	Arkansas	.20									.10		.15						.64	.01			.55			.68	T.		T.				2.33
Subiaco	Arkansas								.02										.37			.06	.01		.25	.30			.08				1.09
Sunset	Arkansas	T.									T.								.32			.01	T.		.09	.98	.01						1.41
Texarkana	Red	.12								.82	.22		.10						.60							.51			.22				2.59
Thornburg	Arkansas									T.			T.						.50			.02	.01		.16	.71	T.	.03	T.				1.44
Waldron	Arkansas								.48	T.	T	.07							.43			T.	.03		.02	.50			.08				1.61
Warren	Ouachita	.45								.30	.20	.35	.20				.30		.75	.20		.40	.50			.40	.65		.03				4.73
Waters	Ouachita									.29									.52							.70			.19				1.70
Wilson	Mississippi												.10							.70			.20			*	1.10	T.	T.				2.10
Wynne	St. Francis	.09									.12	T.	T.						.27	.10			.29	T	T.	.52							1.39
Yancopin	Arkansas	.21								.03	.18	.37	.11						.69	.06		.06	.53		.30	.26		T.					2.80

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.7	3.9	3.8	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.7	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.1	3.1	3.3	3.5	3.5	3.5	4.3	4.1	4.0			
Calico Rock	do	18	1.6	1.5	1.5	1.5	1.4	0.7	0.6	1.0	1.3	1.2	1.2	0.8	0.6	0.9	1.1	0.9	0.6	0.7	0.6	0.4	0.4	0.3	0.9	0.5	0.6	3.1	2.7	2.4			
Batesville	do	23	6.4	6.3	6.3	6.4	6.2	6.1	5.5	5.3	5.6	5.6	5.7	5.7	5.3	5.3	5.3	5.6	5.4	5.3	5.3	5.1	5.0	5.0	6.0	5.2	5.3	5.7	7.8	7.6			
Newport	do	26	2.8	2.9	2.8	2.8	2.8	2.6	2.3	2.0	1.8	1.8	2.0	1.9	1.9	1.7	1.6	1.7	1.8	1.6	1.6	1.5	1.4	1.4	1.3	1.4	1.7	2.2	3.2	3.9			
Georgetown	do	21	5.0	4.8	4.6	4.4	4.1	4.1	4.1	4.0	3.8	3.5	3.1	2.9	2.8	2.8	2.8	2.7	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.2	2.2	2.6	3.7			
Clarendon	do	26	14.2	13.7	13.3	12.9	12.6	12.4	12.2	12.0	11.8	11.6	11.3	11.0	10.8	10.7	10.6	10.5	10.3	10.3	10.2	10.1	10.1	10.1	10.1	10.1	10.0	10.1	10.4	10.7			
Black Rock	Black	14	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.7	1.8	2.3	2.8	2.7	2.6			
Arkadelphia	Ouachita	12	2.4	1.6	1.2	2.4	0.8	1.0	2.2	2.4	2.6	2.8	2.4	0.0	0.2	-0.2	0.6	0.4	0.2	-0.6	0.2	-0.6	-0.6	0.0	-0.6	-0.6	-0.6	0.4	0.4	0.2			
Camden	Ouachita	26	6.0	7.9	8.1	8.3	8.3	7.7	6.1	6.7	7.7	8.0	8.5	8.3	7.1	6.6	6.7	6.3	6.1	6.2	6.3	6.0	6.7	6.7	6.5	6.7	6.4	6.7	8.4	10.1			
Fulton	Red	25	7.3	7.1	6.9	6.5	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	8.3	10.3	10.2	9.5	8.8	8.0	7.6	7.8	7.3	8.0	9.9	10.1	9.6	9.5	9.3	9.3			
Helena	Mississippi	41	7.6	7.7	7.9	8.1	8.1	8.3	8.5	8.3	7.8	7.3	7.1	7.0	7.1	7.1	7.0	6.9	6.8	6.4	5.7	5.0	4.4	4.0	3.6	3.5	3.6	3.7	3.8	4.0			
Arkansas City	do	42	9.1	8.6	8.3	8.2	8.1	8.1	8.1	8.2	8.2	7.9	7.4	7.0	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.8	5.1	4.4	3.8	3.3	3.0	3.0	3.0	3.2			

Daily temperatures for February, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	58	77	72	66	63	60	60	57	44	33	37	64	70	74	72	74	70	50	44	47	44	52	44	45	43	36	36	41				54.8
	Minimum	29	38	33	37	35	34	29	30	35	26	26	32	30	40	39	39	34	34	23	23	23	33	29	31	34	22	17	17				30.4
Batesville §§	Maximum	50	68	60	55	58	52	60	66	34	31	38	59	66	74	68	65	66	52	39	45	40	40	41	36	35	23	29	34				49.4
	Minimum	24	22	26	26	24	24	20	22	22	22	23	22	24	25	29	24	24	27	23	11	13	32	18	18	31	14	7	9				21.4
Bee Branch	Maximum	52	73	70	60	62	59	58	66	63	35	37	60	65	75	73	65	67	66	42	44	44	40	40	40	36	32	32	32				53.1
	Minimum	27	28	38	40	31	29	26	40	25	22	27	30	32	43	38	32	35	40	20	18	32	35	23	33	29	15	10	22				29 3
Bentonville ***	Maximum	47	65	70	54	54	65	62	60	39	31	43	56	64	73	63	66	67	48	35	45	40	32	41	36	34	19	36	38				49.4
	Minimum	25	35	37	36	31	29	34	34	27	22	30	28	31	41	41	32	39	21	14	23	32	25	23	32	13	9	9	26				27.8
Blytheville	Maximum	47	66	57	52	55	49	51	60	44	35	36	59	53	75	67	62	63	52	45	41	46	41	41	35	37	24	26	36				48.4
	Minimum	28	28	27	27	29	28	34	27	21	22	30	27	33	37	42	29	31	44	23	16	29	26	20	31	23	15	8	22				27.0
Booneville	Maximum	54	73	75	70	63	60	64	64	60	37	37	61	68	78	73	70	71	65	42	51	49	43	45	43	38	28	35	39				55.6
	Minimum	30	28	35	38	34	28	33	44	33	26	28	26	33	32	37	30	32	37	20	22	35	35	25	32	25	16	15	25				29.8
Brinkley	Maximum	54	71	67	58	61	55	..	66	59	56	53	62	65	74	75	67	71	59	52	49	42	45	44	43	42	33	32	40				55.4
	Minimum	19	26	35	42	32	20	24	34	25	26	30	27	31	41	45	34	36	46	27	18	28	37	25	32	30	18	13	25				29.5
Calico Rock§§	Maximum	50	68	62	52	60	52	62	61	57	31	32	59	64	80	67	70	66	52	38	46	41	37	43	35	40	22	29	33				50.3
	Minimum	24	24	25	26	24	24	22	23	23	23	24	20	21	24	27	23	24	28	21	15	20	34	18	21	31	14	6	8				22.0
Camden§§	Maximum	58	75	73	66	63	60	66	61	39	36	38	62	67	73	74	68	70	64	45	53	47	52	49	63	63	41	40	44				57.5
	Minimum	31	29	30	33	34	28	26	27	33	27	22	31	30	30	32	34	30	31	30	20	21	40	28	29	40	26	19	20				29.0
Carthage §§	Maximum	59	72	69	60	60	57	63	56	35	33	37	62	65	73	74	67	69	58	42	50	44	51	47	54	46	35	36	40				54.1
	Minimum	29	30	33	33	34	27	23	26	31	25	25	30	30	30	35	36	31	32	27	19	19	38	27	28	35	22	17	17				28.2
Center Point	Maximum	57	80	75	67	67	62	67	56	55	33	38	65	69	75	74	75	70	69	49	54	47	56	47	49	51	39	42	46				58.4
	Minimum	32	30	41	40	38	37	35	46	32	27	30	30	30	34	40	37	36	34	22	23	38	40	31	35	28	21	17	26				32.5
Conway	Maximum	60	75	70	61	63	58	64	65	59	38	40	62	67	79	74	71	72	63	45	48	42	47	44	42	41	33	33	36				55.4
	Minimum	31	28	33	38	31	29	26	41	29	25	29	30	31	33	39	31	33	44	22	22	33	37	25	34	30	18	14	26				30.1
Corning	Maximum	49	64	59	52	58	50	60	51	40	29	36	60	59	76	67	63	63	62	46	41	49	43	44	39	39	23	23	33				49.2
	Minimum	24	24	27	37	26	27	23	34	18	20	28	26	29	38	39	26	28	45	19	13	25	32	21	29	21	12	5	17				25.5
Crossett §§	Maximum	57	62	69	74	61	64	67	67	37	37	41	61	67	76	76	67	71	67	65	45	54	50	47	50	47	38	40	46				57.2
	Minimum	31	30	35	38	36	30	31	35	36	30	30	30	31	34	39	40	34	42	38	32	22	25	39	28	31	26	21	22				32.0
Dardanelle	Maximum	57	72	71	67	64	58	60	60	61	40	38	62	69	78	72	69	70	64	45	50	48	46	43	41	41	34	33	35				55.3
	Minimum	32	29	34	40	33	31	28	42	32	26	29	28	32	31	38	31	32	40	22	23	35	37	24	33	29	18	14	24				30.2
Dumas	Maximum	60	72	68	61	60	57	62	63	55	35	36	61	63	73	74	66	70	63	51	54	44	46	46	58	58	37	35	39				56.0
	Minimum	30	30	38	44	34	31	28	37	30	29	32	31	34	38	42	36	37	47	28	28	32	40	30	36	37	22	18	28				33.1
Dutton	Maximum	49	63	..	61	59	55	53	63	45	36	37	58	65	65	69	65	50	34	41	45	47	40	36	37	22	33	34	47				48.5
	Minimum	19	27	..	26	24	25	19	23	25	19	25	22	20	23	25	19	25	11	13	18	19	15	25	15	7	4	19	17				19.6
El Dorado	Maximum	57	75	74	69	64	61	68	66	59	36	39	61	67	73	74	70	70	67	60	54	48	50	50	66	66	46	43	43				59.9
	Minimum	34	34	42	45	39	35	32	42	32	29	29	32	38	37	46	42	37	49	31	24	40	40	30	39	46	26	21	28				35.7
England	Maximum	54	73	64	62	59	53	62	60	55	34	38	62	..	..	73	68	..	69	45	46	43	47	47	46	43	33	38	41				52.6
	Minimum	30	31	36	43	33	32	28	38	28	26	30	29	..	..	35	37	..	35	26	21	32	37	23	34	30	20	16	26				30.2
Eureka Springs	Maximum	49	67	74	61	57	58	63	59	43	33	41	58	64	76	67	68	68	59	35	49	42	38	42	38	33	19	32	38				51.1
	Minimum	28	37	38	34	31	28	36	42	24	20	27	30	33	49	47	33	35	28	13	20	32	25	19	31	17	7	5	22				28.2
Fayetteville	Maximum	47	65	66	64	55	56	61	62	52	38	40	55	62	72	64	66	66	62	36	45	46	41	43	41	44	21	38	38				51.7
	Minimum	26	33	32	36	30	29	32	40	28	23	31	29	29	44	40	28	33	26	15	21	35	28	23	31	17	10	10	25				28.0
Fort Smith***	Maximum	54	71	75	60	60	56	61	64	48	36	40	60	67	77	70	70	70	56	42	52	44	43	43	38	40	27	33	37				53.4
	Minimum	32	33	42	46	40	35	36	46	36	29	30	30	37	40	43	38	42	27	21	26	37	31	28	32	22	15	15	25				32.6
Gravette	Maximum	45	63	68	65	53	55	62	57	48	37	41	54	66	73	69	66	68	63	33	45	43	41	40	40	37	19	35	38				50.9
	Minimum	23	30	37	32	27	28	33	37	26	21	27	25	24	38	40	25	38	24	13	21	31	24	21	30	13	8	8	23				26.0
Harrison	Maximum	46	64	64	53	55	51	62	59	49	33	38	55	62	70	63	66	66	57	34	46	40	38	39	37	30	18	27	33				48.4
	Minimum	31	28	29	37	28	28	27	39	33	20	26	31	30	49	44	25	32	27	15	16	33	28	20	30	18	10	6	20				27.1
Helena	Maximum	51	67	64	57	58	52	62	60	54	36	36	60	59	73	72	65	67	60	51	45	45	45	44	48	61	31	31	41				53.4
	Minimum	29	29	36	42	32	30	33	40	26	27	30	21	29	40	44	37	40	44	26	18	34	37	27	32	28	19	14	25				31.0
Highland	Maximum	59	73	72	67	67	66	65	65	54	32	40	60	66	70	74	72	70	71	47	49	45	56	47	50	53	40	39	43				57.6
	Minimum	34	39	47	46	37	36	34	42	27	18	30	31	37	40	39	41	40	40	23	30	37	35	30	30	28	22	17	26				33.4
Hope	Maximum	60	74	76	75	62	62	65	64	52	33	45	62	69	74	73	73	74	61	61	55	51	55	50	61	62	41	43	41				59.8
	Minimum	32	38	37	40	37	33	29	44	29	28	34	33	29	34	40	38	32	34	24	22	37	41	28	37	31	24	18	26				32.5
Hot Springs	Maximum	56	79	76	70	64	59	63	60	58	30	36	63	70	74	72	71	70	62	47	52	50	50	49	42	44	36	39	38				56 4
	Minimum	34	38	44	47	35	34	31	42	28	24	29	33	36	42	51	39	42	45	22	25	35	38	28	33	35	20	14	25				33.9
Jonesboro	Maximum	48	68	61	55	56	51	69	58	48	31	36	60	59	75	65	65	65	57	45	44	44	40	39	39	32	23	26	34				49.8
	Minimum	28	30	30	43	30	32	26	45	21	22	30	30	36	44	48	34	36	44	22	27	29	35	23	30	23	15	8	21				30.1
Lead Hill	Maximum	47	65	68	57	57	57	63	58	43	34	41	58	63	80	67	68	67	60	36	46	41	38	45	43	33	21	29	33				50.6
	Minimum	23	24	25	37	23	22	22	32	24	20	28	22	22	29	33	21	25	28	16	13	33	29	18	30	19	11	3	20				23.3
Little Rock.*	Maximum	54	72	62	56	58	51	61	60	41	31	37	60	64	71	69	65	69	55	38	44	41	44	41	41	40	29	30	35				50.7
	Minimum	32	33	43	42	36	36	32	41	27	25	31	31	41	40	46	41	40	32	24	24	36	32	29	34	25	19	15	26				32.6
Lutherville	Maximum	55	69	64	60	63	56	60	66	57	39	35	60	65	75	67	66	67	60	45	44	40	44	43	38	36	40	31	31				52.7
	Minimum	28	33	41	44	33	31	32	43	30	27	28	28	34	42	44	34	38	33	17	21	33	34	24	33	24	14	9	21				30.4
Magnolia	Maximum	58	74	75	67	63	60	66	63	57	46	39	60	70	73	74	70	70	61	52	53	52	50	50	56	68	40	41	40				58.9
	Minimum	34	33	41	43	39	37	36	44	31	28	33	31	32	33	48	42	36	50	28	26	40	42	30	35	39	27	21	28				35.2
Malvern	Maximum	58	78	71	73	66	59	64	58	56	31	39	64	68	73	74	69	70	64	49	51	48	53	48	47	46	36	39	42				56.9
	Minimum	28	27	33	37	34	32	26	37	29	25	29	30	27	32	36	37	32	48	24	19	34	38	28	34	35	21	15	26				30.5
Mammoth Spring	Maximum	46	65	63	55	55	58	56	53	43	34	38	48	64	74	70	65	64	64	51	41	42	41	43	45	34	25	27	34				49.9
	Minimum	23	24	26	29	24	29	21	34	20	20	27	28	28	32	35	24	32	37	20	17	27	31	20	29	21	11	4	17				24.6
Marianna	Maximum	51	63	65	60	57	56	60	62	59	40	37	60	61	72	71	67	67	65	50	45	44	45	44	46	46	40	32	40				53.9
	Minimum	30	30	37	32	31	30	25	34	27	27	30	30	35	40	43	33	40	45	27	18	28	38	27	33	32	19	14	25				30.7
Marked Tree§§	Maximum	48	67	60	57	58	50	61	65	35	38	37	60	61	75	68	65	66	46	36	44	46	40	42	37	36	23	30	38				49.6
	Minimum	21	21	28	30	28	31	24	35	22	23	25	25	27	31	38	30	30	33	22	15	15	30	23	24	30	15	10	10				24.9
Marshall	Maximum	44	64	64	57	52	52	57	57	51	43	36	52	61	70	70	64	62	59	45	39	40	41	40	38	30	24	28	31				49.0
	Minimum	25	26	28	38	26	24	35	38	21	20	24	24	25	44	49	24	28	33	16	18	38	29	18	30	21	10	5	20				26.3
Mena	Maximun.	53	76	71	64	60	60	63	58	51	33	36	60	69	73	69	70	68	59	40	50	43	44	40	40	44	30	37	36				53.3
	Minimum	33	34	40	43	35	30	31	44	32	26	28	29	37	41	45	35	37	32	18	19	37	35	27	31	21	15	14	23				31.1
Morrilton §§	Maximum	54	68	64	56	61	51	60	61	35	30	34	58	64	73	67	65	65	53	39	44	39	42	39	34	38	29	29	33				49.5
	Minimum	28	30	34	36	34	33	30	29	29	25	25	30	32	36	37	34	34	36	23	21	22	33	25	26	32	18	14	14				28.6
Mountain Home	Maximum	50	58	63	52	60	53	62	55	41	30	37	60	70	63	68	70	65	55	38	47	37	37	40	40	27	20	25	33				48.4
	Minimum	28	26	32	36	27	30	25	36	21	20	25	29	36	34	40	25	30	30	17	17	30	28	20	25	19	10	4	17				25.6
Mount Ida	Maximum	56	78	71	63	64	59	63	55	52	33	37	63	71	75	71	71	69	63	44	50	43	52	46	42	42	35	37	48				55.5
	Minimum	27	24	27	30	27	21	21	35	32	25	29	25	24	26	34	24	25	39	20	12	30	38	22	31	26	18	13	24				26 0
Newport	Maximum	49	69	63	55	58	52	61	63	49	32	38	61	63	74	67	65	67	57	45	45	40	40	41	37	34	27	28	34				50.5
	Minimum	27	29	32	42	30	31	24	36	23	23	29	23	33	39	44	30	34	45	25	17	29	36	24	33	26	15	11	23				29.0
Ozark§§	Maximum	55	71	65	60	62	55	66	65	52	35	39	61	66	77	70	66	68	59	44	48	42	46	42	40	40	32	30	37				53.3
	Minimum	27	29	29	39	35	31	31	32	36	29	29	28	30	32	32	29	30	35	19	19	25	36	24	26	32	15	14	14				28.1
Pine Bluff	Maximum	56	75	70	61	60	57	64	58	54	34	37	64	67	74	73	68	72	59	49	49	44	51	47	53	48	35	31	41				55 4
	Minimum	32	32	39	49	36	34	30	40	29	27	33	32	34	41	47	40	40	48	28	24	36	39	30	36	35	22	19	28				34 3
Pocahontas	Maximum	49	69	69	60	59	51	58	54	52	52	37	60	62	74	67	63	63	62	43	41	42	42	43	43	33	25	25	32				51.1
	Minimum	23	24	22	40	28	29	23	35	18	20	26	25	30	32	37	28	50	43	20	13	25	32	20	28	9	10	5	17				25.4
Portland	Maximum	55	73	69	66	60	55	65	70	59	42	38	60	64	74	74	63	70	66	64	48	45	51	47	67	64	46	36	45				58.4
	Minimum	32	30	38	42	37	32	29	39	32	31	33	32	35	37	42	42	34	47	30	23	37	41	29	38	45	25	20	28				34.2
Prescott	Maximum	60	74	74	72	64	62	66	64	56	31	39	62	68	75	73	69	71	67	49	52	52	54	52	56	55	38	39	41				58.4
	Minimum	34	32	38	41	37	34	30	44	30	25	30	29	34	34	41	42	34	37	25	21	29	41	29	37	33	24	17	26				32.4
Rison	Maximum	56	75	73	72	63	60	66	62	59	35	41	50	72	74	76	68	72	60	56	51	44	46	59	58	53	41	45	45				58.3
	Minimum	32	32	35	39	38	30	29	39	24	25	31	32	32	30	29	32	35	45	26	20	34	30	25	26	36	21	18	18				30.1
Searcy	Maximum	53	72	67	56	60	53	59	64	53	32	39	61	63	73	68	64	67	58	48	45	43	42	43	39	37	30	29	34				51.9
	Minimum	26	26	35	38	32	30	24	36	24	22	27	26	28	31	38	35	33	45	22	18	29	35	25	33	28	15	12	22				28.4
Stuttgart	Maximum	54	73	64	61	59	56	63	58	56	34	38	61	64	73	71	62	69	61	51	47	44	47	46	47	45	36	35	41				54.1
	Minimum	30	81	39	41	33	31	29	29	28	27	32	28	34	40	42	34	38	47	27	22	34	38	29	35	35	20	17	27				32.0
Texarkana	Maximum	62	76	73	73	68	63	67	55	51	33	40	63	69	75	71	72	70	62	47	54	53	53	52	64	64	40	42	40				59.0
	Minimum	31	45	46	47	45	34	32	42	29	25	29	29	36	36	46	38	35	40	23	22	40	40	30	38	29	21	18	25				34.0
Thornburg	Maximum	56	71	66	59	69	68	62	58	50	32	34	58	66	74	75	67	68	57	44	47	42	44	44	38	38	29	34	34				53.0
	Minimum	28	26	28	32	26	21	23	35	28	24	27	31	26	28	35	25	27	44	20	14	34	35	19	31	29	17	11	22				26.6
Warren	Maximum	56	74	71	68	64	59	65	65	59	37	37	61	66	74	74	67	72	68	67	51	48	49	50	63	63	42	38	43				59.0
	Minimum	34	34	40	44	37	35	30	40	31	38	32	34	41	40	45	41	37	49	31	22	35	38	29	38	41	24	20	27				34.9
Wilson	Maximum	47	61	66	58	56	56	59	64	51	36	37	61	59	72	70	63	64	62	48	43	48	48	41	39	40	40	28	39				52.0
	Minimum	29	26	26	40	25	26	24	34	20	23	30	26	28	38	42	28	34	43	22	13	27	34	19	29	25	15	7	22				27.0
Wynne	Maximum	48	68	63	60	56	54	59	64	48	35	36	60	60	73	73	64	45	36	36	44	44	42	41	38	33	26	29	38				49.0
	Minimum	25	25	30	31	26	23	25	36	21	22	28	24	26	35	39	26	24	21	20	15	26	34	24	29	23	15	8	21				25.1

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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JUN 21 1934

ARKANSAS SECTION

H. S. COLE

L. XXXIX LITTLE ROCK, ARK., MARCH, 1934 No. 3

GENERAL SUMMARY

Temperatures fluctuated considerably during the month of arch. Following the cold weather of the latter part of Febru-y, temperatures were above normal from the 2d to the 6th, t much colder weather overspread the State on the 9th and th, bringing temperatures as low as 10° in the Ozarks and ° in southern border counties. A cold spell of short dura-on swept over the State on the 18th and 19th while another ich lasted much longer continued from the 23d to the 27th. e average temperature for the State, based on the reports of stations, was 49.6° which is 2.7° below the mean for the st 44 years. All stations for which normals have been com-ted had negative departures, ranging from 0.1° in the west-n portion to 6.2° in the north-central portion. Monthly eans ranged from 43.6° at Dutton to 55.4° at El Dorado. e highest temperature recorded was 85° at Conway on the th; the lowest, 4° , at Dutton on the 19th.

Precipitation during the month was divided into four periods. eavy to excessive rains occurred in central and southern sec-ons the first few days of the month and in all except the ex-eme northwestern portion from the 23d to the 27th, while mounts exceeding one inch occurred in some sections on the h and 18th when rain, sleet and snow were reported. Snow so occurred in the northwestern portion on the 26th and 27th, ureka Springs reporting a depth of 4.0 inches for the two ays. The greatest depth of snow for the month reported was .5 inches at Bentonville and the average for the 88 stations as 1.0 inches. The average precipitation for the State for the 8 stations was 6.53 inches which is 1.82 inches above the ean for the past 44 years. Of the stations with records of 10 ears or more, only 9, located mostly in the northwestern por-on of the State, had negative departures. Monthly amounts anged from 2.10 inches at Bentonville to 10.29 inches at Pine luff. The greatest amount measured in any 24-hour period as 5.00 inches at Pine Bluff on the 26th.

The weather was favorable for farm work from the 10th to e 17th, unfavorable the remainder of the month. Flood tages were exceeded on the Black, White, Petit Jean, and uachita rivers the latter part of the month. Losses were as llows: On the Black and White rivers, $9,350; on the uachita river, $28,100. Considerable damage was done by xcessive rains, the damage to roads and bridges in Craighead ounty being estimated at $20,000. T.A.M.

HEAVY HAIL

Booneville, 8th; Lutherville, 8th, slight damage; Paragould, th; Okay, 18th, very little damage.

MODERATE HAIL

Jonesboro, 8th and 24th; Waldron, 8th; Paragould, 18th; tory, 18th.

Corrections: January

Fort Smith, mean monthly reduced pressure should be 30.15 inches. Pocahontas, rainfall on 4th should be 1.15 inches; total for month 2.55 inches; departure from normal −1.91 inches; greatest in 24 hours 1.15 inches on the 4th. Average precipitation for State should be 2.86 inches; departure −1.39 inches.

Corrections: February

Batesville, mean minimum temperature should be 21.6°; mean temperature 35.5°; departure from normal −5.3°. Lutherville, mean minimum temperature 30.5°. Yancopin, number of clear days 15, cloudy 12.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	1	13	8																				1			2					
Light Hail							2	2									2	2				2	4	1					1	1	
Sleet		1					5	11									5	30	2				3	10		3					
Glaze								1																1	1						
Thunderstorms	1	7					14	12						1			8	11				3	16	22	15	12	1				

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	30.10	30.56	10	29.66	3	8.0	21	ne	13	....	....	....	68
Fort Smith	30.10	30.60	10	29.75	4	9.4	30	sw	17	72	51	54	57
Little Rock	30.13	30.58	10	29.75	4	9.6	25	nw	17	77	53	52	62
Memphis	30.13	30.53	10	29.73	4	9.4	28	n	10	78	64	69	63

COMPARATIVE DATA FOR MARCH

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	−5.6	79	10	5.10	+0.39	8.82	1.51	......	10	11	9	11
1892	47.9	−4.4	81	9	3.44	−1.27	6.74	1.20	3.8	7	14	8	9
1893	50.1	−2.2	82	5	3.55	−1.16	5.21	2.03	T.	8	16	6	9
1894	51.6	+2.3	88	8	9.84	+5.13	18.20	4.38	0.8	9	14	7	10
1895	51.8	−0.5	91	10	5.39	+0.68	8.51	1.93	T.	10	13	7	11
1896	48.7	−3.6	85	12	5.28	+0.57	7.88	2.06	1.3	8	10	7	14
1897	55.9	+3.6	88	13	9.76	+5.05	17.04	4.93	T.	15	10	7	14
1898	54.5	+2.2	88	18	5.96	+1.25	17.56	1.20	0.1	9	10	9	12
1899	50.6	−1.7	87	1	2.97	−1.74	8.40	1.09	0.4	7	12	9	10
1900	51.2	−1.1	90	7	2.50	−2.21	5.55	0.76	0.3	7	15	7	9
1901	51.5	−0.8	86	4	4.67	−0.04	7.32	2.45	T.	6	14	8	9
1902	52.6	+0.3	89	14	5.34	+0.63	9.37	2.35	T.	7	12	10	9
1903	54.8	+2.5	85	11	5.56	+0.85	8.37	3.29	0.6	8	10	9	12
1904	55.3	+3.0	90	12	5.64	+0.93	8.47	1.88	T.	8	11	11	9
1905	57.1	+4.8	92	26	5.31	+0.60	10.80	1.94	T.	9	10	10	11
1906	45.2	−7.1	88	10	5.69	+0.98	9.27	3.33	0.4	11	8	6	17
1907	61.9	+9.6	96	25	3.22	−1.49	9.02	0.90	0.0	6	14	8	9
1908	59.5	+7.2	93	21	3.79	−0.92	7.67	1.82	0.1	8	11	9	11
1909	52.7	+0.4	84	16	3.71	−1.00	6.28	1.65	T.	3	13	8	10
1910	60.7	+8.4	92	22	1.39	−3.32	3.05	0.30	T.	3	20	7	4
1911	56.6	+4.3	94	15	2.17	−2.54	4.53	0.75	0.0	6	16	9	6
1912	45.8	−6.5	86	10	7.86	+3.15	3.45	0.70	0.2	12	7	7	17
1913	49.7	−2.6	88	8	4.74	+0.03	3.92	0.58	0.8	7	14	9	8
1914	50.0	−2.3	86	4	5.13	+0.42	13.08	2.01	1.9	9	12	8	11
1915	42.5	−9.8	73	14	3.54	−1.17	5.70	1.73	0.7	7	9	7	15
1916	51.5	+2.2	91	11	1.93	−2.78	4.24	0.68	T	5	16	6	9
1917	53.0	+0.7	87	9	5.32	+0.61	12.18	0.56	1.0	11	14	5	12
1918	57.9	+5.6	96	16	1.31	−3.40	5.64	0.24	0.0	4	11	8	12
1919	53.2	+0.9	86	11	5.47	+0.76	11.66	0.98	0.5	6	17	5	9
1920	51.8	−0.5	88	2	5.31	+0.60	8.57	1.93	0.3	8	14	5	12
1921	60.8	+8.5	92	18	6.55	+1.81	11.01	2.98	T.	9	11	8	12
1922	51.7	−0.6	83	7	8.58	+3.87	14.59	3.24	0.3	11	12	6	13
1923	49.6	−2.7	88	2	5.04	+0.33	10.55	2.12	T.	8	15	5	11
1924	46.6	−5.7	84	5	3.27	−1.44	6.03	1.25	6.8	8	13	6	12
1925	55.9	+3.6	89	7	1.69	−3.02	5.68	0.04	T.	4	18	6	7
1926	48.5	−3.8	86	11	5.57	+0.86	9.23	2.04	0.4	9	13	6	12
1927	53.5	+1.2	87	5	7.24	+2.53	15.70	2.65	0.6	12	12	7	12
1928	52.7	+0.4	92	20	2.53	−2.18	6.91	0.73	0.1	6	14	7	10
1929	55.7	+3.4	98	19	3.77	−0.94	6.27	1.35	T.	10	12	7	12
1930	50.4	−1.9	83	15	2.21	−2.50	7.55	0.54	T.	6	16	6	9
1931	47.5	−4.8	85	16	4.21	−0.50	6.83	2.73	0.4	8	13	5	13
1932	48.2	−4.1	88	2	4.48	−0.23	7.33	1.63	0.7	9	13	7	11
1933	52.6	+0.3	91	17	4.87	+0.16	8.37	1.90	T.	9	13	5	13
1934	49.6	−2.7	85	4	6.53	+1.82	10.29	2.10	1.0	9	15	6	10
Period	52.3	....	98	1	4.71	.....	18.20	0.04	0.6	8	13	7	11

Daily River Stages for March, 1934

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	5.4	5.5	6.2	8.8	8.8	7.8	6.9	6.4	6.0	6.2	6.2	5.8	5.6	5.4	5.3	5.1	4.9	5.0	5.2	5.8	6.3	6.3	6.0	5.8	6.5	7.8	8.8	9.3	9.1	8.3	7.1
zark	do	22	1.3	1.3	1.3	2.2	4.2	4.0	3.2	2.2	1.9	1.6	1.8	1.6	1.4	1.3	1.2	1.1	1.0	0.9	1.2	1.3	2.0	2.3	2.3	2.0	1.8	3.7	5.1	5.7	5.6	5.2	4.1
ardanelle	do	22	4.3	4.4	4.5	4.6	5.5	6.9	6.7	6.0	5.3	4.9	4.7	4.7	4.7	4.5	4.3	4.1	4.1	4.1	4.6	4.7	5.1	5.4	5.6	6.0	7.0	9.4	10.1	9.5	9.3	8.8	8.1
orrilton	do	20	−0.4	0.0	0.2	0.3	0.5	2.3	3.2	2.6	1.8	1.2	0.9	0.7	0.7	0.5	0.3	0.0	−0.1	−0.2	0.4	1.0	1.1	1.8	2.0	2.0	2.8	4.9	8.2	7.8	7.6	7.4	6.7
ittle Rock	do	23	−0.1	0.3	0.9	1.1	1.2	1.3	2.8	3.6	3.3	2.7	2.0	1.6	1.4	1.3	1.1	0.8	0.6	0.4	0.6	1.2	1.8	2.1	2.4	2.5	3.2	6.7	10.3	11.4	10.8	10.5	9.8
ine Bluff	do	25	4.1	4.6	5.2	5.2	5.7	5.7	5.7	7.0	7.8	7.8	6.9	6.1	5.8	5.6	5.4	5.2	4.9	4.7	4.6	4.6	5.2	5.8	6.1	6.3	6.7	8.0	12.3	14.8	15.1	14.7	14.2
anville	Petit Jean	20	3.1	3.1	3.6	3.8	3.8	3.9	3.9	3.9	5.2	7.6	6.2	5.6	4.7	4.6	4.6	4.5	4.2	4.0	7.9	11.2	12.4	10.1	9.2	9.2	12.2	20.2	22.3	22.4	21.1	19.1	15.5

Climatological Data for March, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	49.0	– 5.6	81	7	24	11	48	5.71	+0.97	1.98	T.	7	13	8	10	.....	J. W. Campbell
Arkadelphia	Clark	250	39	...	...	...	...	...	...	...	6.51	+1.71	2.44	T.	13	19	2	10	ne.	W. K. Bown
Arkansas City	Desha	145	50	...	...	...	...	...	...	...	8.54	+3.12	2.46	0.0	9	13	2	16	.....	Herbert Neff
Arlberg	Stone	700	12	...	...	...	...	...	...	...	7.58	+3.95	1.81	1.1	7	..	..	..	.....	J. D. Reeves
Batesville	Independence	277	35	44.6	– 6.2	76	17	18	10	52	8.60	+4.41	3.04	T.	10	20	1	10	nw	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	49.0	– 2.8	76	6†	18	10	46	7.64	+2.96	2.65	0.2	8	15	4	12	n.	J. E. Scanlan
Bentonville	Benton	1303	29	44.7	– 3.7	76	16	14	10	41	2.10	–1.47	0.76	5.5	9	10	6	15	ne.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	4	...	...	...	...	...	...	...	8.06	...	2.93	1.0	10	14	4	13	.....	C. J. Brooks
Black Rock	Lawrence	259	33	...	...	...	...	...	...	...	7.88	+3.73	2.94	0.5	11	18	3	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	9	48.2	...	78	17	19	10	36	6.68	...	2.19	0.7	10	18	4	9	n.	Samuel Norris
Booneville	Logan	465	20	50.8	– 2.9	80	6†	13	19	39	4.68	+1.42	1.83	1.5	6	14	9	8	e.	F. H. Randolph
Brinkley	Monroe	205	47	50.6	– 2.8	80	6	21	10	46	6.85	+1.21	2.58	T.	10	19	2	10	ne.	R. J. Torry
Calico Rock	Izard	361	30	45.1	– 3.2	78	17†	17	10	53	4.75	+1.36	1.48	1.0	10	14	5	12	nw.	E. R. Wiseman
Camden	Ouachita	158	49	51.4	– 4.0	82	7	28	19†	49	10.11	+5.04	4.30	T.	12	10	8	13	w.	J. M. Knight
Carthage	Dallas	297	29	48.8	...	81	7	25	11	48	7.97	+2.91	2.93	T.	10	10	13	8	n.	P. K. Wylie
Center Point	Howard	470	35	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	.....	John C. Floyd
Clarendon	Monroe	172	30	...	...	...	...	...	...	...	7.52	+2.44	2.45	1.6	11	14	5	12	n.	J. W. Bishop
Clinton	Van Buren	516	13	...	...	...	...	...	...	...	6.94	+1.99	2.09	T.	8	16	5	10	sw.	A. L. Stephens
Conway	Faulkner	309	51	51.5	– 2.3	85	16	21	10	47	8.16	+3.64	3.34	1.5	8	17	3	11	s.	E. E. Cordrey
Corning	Clay	293	41	47.2	– 3.8	76	17	17	10	42	8.29	+3.75	2.41	0.5	10	17	3	11	s.	Winfred D. Polk
Cotter	Baxter	408	7	...	...	...	...	...	...	...	4.78	...	1.36	1.6	9	16	3	12	.....	O. B. McSpadden
Crosset	Ashley	175	22	54.0	– 0.9	83	7	27	11	44	7.71	+2.66	2.25	T.	8	12	5	16	s.	G. A. Gifford
Danville	Yell	327	18	...	...	...	...	...	...	...	5.07	+1.29	1.92	0.7	8	19	3	9	.....	J. M. Patterson
Dardanelle	Yell	330	48	51.6	– 1.0	81	6	20	10	48	5.75	+1.49	2.22	0.2	8	9	14	8	n	Geo. N. Goodier
De Valls Bluff	Prairie	153	7	...	...	...	...	...	...	...	8.07	...	3.23	2.7	9	14	9	8	ne.	Frank O'Rourke
Dumas	Desha	162	29	52.2	– 3.4	83	7	25	10	41	5.58	–0.56	2.30	T.	8	14	8	9	n	Ben Johnson
Dutton	Madison	1590	31	43.6	– 2.6	74	13	4	19	51	4.89	+0.96	1.67	3.1	9	13	12	6	n	J. M. Ricketts
El Dorado	Union	270	34	55.4	– 1.0	83	7	29	19	44	10.09	+5.04	4.20	T.	10	13	7	11	s.	J. J. Babb
England	Lonoke	229	27	51.3^{b}	– 2.3	80^{b}	6†	22^{c}	10	43^{b}	9.80	+4.99	4.23	2.0	9	17^{b}	4^{b}	8^{b}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	46.6	– 3.8	75	16	10	10	39	3.77	+0.02	1.19	5.0	12	14	8	9	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	46.9	– 2.7	74	13†	11	19	43	2.94	–0.67	1.12	2.7	12	13	7	11	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	50.0	– 2.6	80	16	20	10	42	2.83	–0.18	1.00	1.7	9	13	7	11	e.	U. S. Weather Burea
Freeman Springs‡‡	Pope	2240	10	...	...	...	...	...	...	...	4.59	...	1.63	0.9	8	17	3	11	sw.	R. J. Mc Cuiston
Fulton	Hempstead	260	49	...	...	...	...	...	...	...	6.06	+1.58	2.92	1.0	9	16	1	14	.....	T. J. Logan
Georgetown	White	200	22	...	...	...	...	...	...	...	9.46	+4.43	4.52	T.	9	15	4	12	.....	Mrs. W. R. Owens
Gilbert	Searcy	675	10	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	.....	
Grannis	Polk	900	15	51.6	– 0.1	78	20	18	19	48	5.16	+1.00	1.60	T.	9	17	7	7	n.	W. E. McVay
Gravette	Benton	1250	37	45.2^{g}	– 0.6	75^{g}	16	10^{g}	19	46^{g}	*2.24*	–1.46	....	*5.0*	..	10^{g}	5^{g}	9^{g}	.....	A. F. Stevens
Harrison	Boone	1052	34	*46.4*	– 2.3	75	6†	12	19	*42*	4.07	+0.98	1.50	3.0	10	19	3	9	sw.	Louis R. Keck
Helena	Phillips	250	62	50.2	– 3.6	79	17	23	10	40	7.01	+0.84	2.10	1.1	11	13	5	13	n.	James A. Burnett
Higden	Cleburne	445	15	...	...	...	...	...	...	...	*8.45*	+3.42	2.00	T.	7	21	0	10	n.	Trumon Brown
Highland	Pike	600	15	55.3	...	79	14	24	10†	37	4.82	+0.75	2.02	0.0	6	6	17	8	s.	J. O. Cooley
Hope	Hempstead	377	64	52.6^{b}	– 4.4	82^{b}	7	25^{b}	19	43^{b}	6.58	+1.51	2.00	T.	8	17	2	12	.....	N. P. O'Neal
Hot Springs	Garland	600	43	52.4	– 1.4	81	7	21	10	41	6.68	+1.75	1.79	0.1	10	9	15	7	s.	National Park Service
Index	Little River	275	9	...	...	...	...	...	...	...	4.32	...	1.75	0.5	10	15	2	14	.....	H. C. Sanderson
Jessieville	Garland	750	8	...	...	...	...	...	...	...	9.47	...	....	1.0	8	13	8	10	s.	U. S. Forest Service
Jonesboro	Craighead	345	39	49.1^{c}	– 3.3	80^{c}	21	19^{c}	10	36^{d}	9.64	+4.97	4.00	2.5	10	15	5	11	s.	Benedictine Sisters
Lead Hill	Boone	650	28	46.2	– 3.0	81	16	5	19	52	3.83	–0.26	1.28	4.0	11	15	3	10	se.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	49.7	– 3.3	78	6	22	19	39	6.84	+2.22	2.92	2.0	9	14	3	14	sw.	U. S. Weather Burea
Lurton	Newton	2100	7	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	.....	Miss Mary Sutton
Lutherville‡‡	Johnson	775	35	49.4	– 2.4	77	6†	11	10	43	4.41	+0.51	1.25	1.0	8	12	8	11	sw.	H. G. Lenhardt
Madison	St. Francis	209	4	...	...	...	...	...	...	...	7.22	...	2.23	2.0	9	17	0	14	.....	J. W. Eppes
Magnolia	Columbia	315	18	54.6	– 2.4	82	8	27	19	45	5.30	+0.44	2.10	T.	7	10	14	7	e.	State Agri. School
Malvern	Hot Springs	277	48	51.8	– 2.2	81	7	24	10	48	7.33	+2.17	2.30	T.	12	21	3	7	ne.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	30	46.6	– 3.4	79	17	16	10	44	2.51	–0.82	0.52	1.0	8	17	5	9	sw.	S. F. Whittaker
Marianna	Lee	235	23	51.2	– 2.8	78	17	23	10	44	6.24	+1.21	2.20	1.5	7	9	15	7	sw.	C. N. Houck
Marked Tree	Poinsett	229	30	45.9	– 5.2	77	17	19	10†	46	8.53	+3.65	2.88	0.5	10	13	8	10	s.	Charles Walton
Marshall	Searcy	1070	20	46.2	– 5.6	73	21	10	19	50	6.09	+2.14	2.20	2.0	9	15	6	10	s.	A. J. Parks
Mena	Polk	1185	46	50.6	– 1.8	78	6†	19	10	39	4.65	0.00	1.55	0.0	8	15	4	12	n.	E. W. St. John
Morrilton	Conway	347	15	47.1	– 3.5	76	17	21	10†	45	6.84	+2.92	3.10	T.	9	16	6	9	n.	Miss Ruby Cook
Mountain Home	Baxter	800	22	46.6	– 4.1	79	21	13	19	47	4.46	+0.74	1.40	2.0	9	16	3	12	n.	B. S. Halbert
Mount Ida	Montgomery	650	35	50.0	– 2.6	79	6	20	9	53	6.08	+1.68	2.00	1.0	8	16	5	10	sw.	G. A. Whittington
Newport	Jackson	231	51	48.8	– 3.8	77	17	20	10	42	9.94	+5.20	4.18	1.2	11	13	6	12	s.	J. D. Henderson
Norman	Montgomery	750	6	...	...	...	...	...	...	...	7.60	...	3.70	0.0	9	15	5	11	.....	U. S. Forest Service
Oden	Montgomery	800	8	...	...	...	...	...	...	...	5.08	...	1.60	T.	8	14	8	9	s.	U. S. Forest Service
Okay	Howard	288	5	53.9	...	82	7	25	19	47	3.77	...	1.00	T.	9	17	7	7	s.	Charles R. Jackson
Osceola	Mississippi	240	38	49.8	– 3.7	79	17	20	10	45	8.10	+3.01	2.26	0.8	11	13	9	9	n.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	39	49.2	– 3.6	80	21	19	10†	56	3.87	–0.03	1.30	1.1	8	19	2	10	e.	Orkney O. Milton
Paragould	Greene	301	11	...	...	...	...	...	...	...	9.40	...	4.02	1.0	9	21	1	9	se.	W. R. Heagler
Parkin	Cross	222	4	...	...	...	...	...	...	...	7.60	...	2.80	0.5	10	15	1	15	.....	Carroll King
Patterson	Woodruff	196	18	...	...	...	...	...	...	...	9.00	+3.52	4.33	T.	9	15	3	13	n.	W. E. Baker
Piggott	Clay	307	10	...	...	...	...	...	...	...	7.52	...	3.41	2.1	11	16	5	10	w.	V. C. Wright
Pine Bluff	Jefferson	215	47	52.6	– 2.2	84	7	25	10	42	10.29	+4.98	5.00	T.	13	16	8	7	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	41	47.2	– 4.0	76	17	15	10	45	6.78	+2.20	3.05	0.1	7	15	5	11	ne.	Benedictine Sisters
Portland	Ashley	122	28	54.8	– 2.0	81	16†	26	11	43	8.62	+3.39	2.95	T.	7	13	10	8	n.	W. E. Edmiston
Prescott	Nevada	329	46	53.8	– 1.8	83	7	26	10†	45	6.85	+2.39	3.00	T	13	14	9	8	s.	Craig Williams
Rison	Cleveland	243	34	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	.....	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	46.8	– 2.4	78	16	11	19	44	2.82	–0.56	0.85	5.0	9	15	4	12	sw.	Carl A. Starck
St. Charles	Arkansas	175	3	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	.....	
St. Francis	Clay	290	7	...	...	...	...	...	...	...	8.08	...	3.10	0.5	9	15	6	10	.....	S. T. Rooney
Searcy	White	236	24	48.4	– 4.0	75	6†	19	10	42	9.93	+5.65	4.30	0.0	10	18	2	11	sw.	Arthur D. Smith
Story	Montgomery	700	10	...	...	...	...	...	...	...	4.74	...	2.13	1.0	7	15	7	9	n.	S. C. Story
Stuttgart	Arkansas	209	47	51.8	– 2.0	79	6†	21	10	40	7.84	+2.32	2.75	0.8	10	18	4	9	sw.	Mrs. Kress Swim
Subiaco	Logan	1050	37	50.4	– 2.9	80	16†	18	10	47	4.92	+1.20	1.65	2.0	8	18	6	7	e.	New Subiaco Abbey
Sunset	Washington	2250	3	46.9	...	73	22	10	10	36	3.88	...	1.30	2.0	9	14	9	8	sw.	Walter James
Texarkana	Miller	332	49	53.3	– 3.2	83	7	21	19	43	5.98	+1.75	2.45	1.0	8	19	5	7	n.	H. S. Brashear
Thornburg	Perry	650	14	48.8	– 2.7	81	20	19	8†	49	7.91	+3.68	2.54	3.0	8	19	5	7	s.	Edward E. Holmes
Waldron	Scott	675	15	...	...	...	...	...	...	...	4.14	+0.41	1.11	1.4	6	16	4	11	ne.	Dr. Cheves Bevill
Warren	Bradley	206	40	*53.3*	– 2.8	..	..	27	10	..	8.51	+3.11	3.00	T.	10	20	4	7	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	10	...	...	...	...	...	...	...	5.34	...	2.01	0.0	8	11	7	13	e.	J. R. Huddleston
Wilson	Mississippi	237	9	48.9	...	77	17	18	10	56	8.00	...	1.80	T	9	18	2	11	s.	D. O. Anderson
Wynne	Cross	250	26	47.2^{a}	– 4.5	77^{a}	17	17^{a}	10	42^{b}	7.44	+2.26	2.64	0.2	9	16	6	9	n.	R. T. Cobbs
Yancopin	Desha	167	10	...	...	...	...	...	...	...	6.00	...	1.77	T.	11	16	2	13	.....	W. E. Barton
State Means				49.6	–2.7	85	16	4	19	56	6.53	+1.82	5.00	1.0	9	15	6	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:– Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for March, 1934

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		1.44		.13				.50										.63						.38	.65	1.98						5.71
Arkadelphia	Ouachita	.07	2.44	27	08	.01			.56	.04									.52	.08					.02	.68	1.64	.10					6.51
Arkansas City	Mississippi	T	2.19	2.03	T.	.23			.03	07									T.	.41						62	2.46	.50					8.54
Arlberg	White		.34						1.06										1.81					1.52	1.60	.80	.45						7.58
Batesville	White	T.	.29	.43					1.38										1.07	.12				44	.59	.61	3.04	.63					8.60
Bee Branch	Arkansas	.13	.50						.39										.75					1.25	1.32	.65	2.65						7.64
Bentonville***	Arkansas	.15	.08					T.										.51	.25					.01	.21	.16	.67				.06		2.10
Big Lake Outlet	St. Francis	T	.42	.21					.73										.73	.25				.21	1.35	.80	2.93	.43					8.06
Black Rock	White	.03	.31	.20					57			T.							.98	.06				.30	.79	.30	2.94	1.40					7.88
Blytheville	St. Francis	.01	.47						.70			T.							.47	.29				.07	1.28	.70	2.19	.50					6.68
Booneville	Arkansas	.41							.37										1.83					T	93	1.07	.07	T.					4.68
Brinkley	White		1.39	.47					.41	.17									.08	.15				T.	.05	.90	2.58	.65					6.85
Calico Rock	White		.20	.07					.30										.58	.10				.15	.90	.25	1.48	.72					4.75
Camden	Ouachita	.02	2.72	.80	.18	.20			.26	.02									.22	.16						1.15	4.30	.08					10.11
Carthage	Ouachita	T.	2.70	.60		.05			.10	.16									T	.30				T.	.05	.95	2.93	.13					7.97
Center Point	Red																																....
Clarendon	White	.03	2.45	.60					.72	.13									.14	.15					.01	.71	2.05	.53					7.52
Clinton	White		.47	.08					.53										1.15					.93	1.15	2.09	.54						6.94
Conway	Arkansas	.28	.87						.63										1.15					.03	.95	.91	3.34						8.16
Corning	White		.30	.20					1.38										*	1.25				1.10	85	.10	2.41	.70					8.29
Cotter	White		.20						.18										1.36	.04				.87	37	.14	.87	.75					4.78
Crossett	Ouachita		2.25	1.11	.20	.19			.05	T.									T.	.25						1.74	1.92						7.71
Danville	Arkansas		.25						.55										.90	.15					.72	.46	1.92	.12					5.07
Dardanelle	Arkansas		.35						1.04										1.06	.02					.42	.53	2.22	.11					5.75
De Valls Bluff	White	.12	1.95		T				.57										.35	T.				.01	1.06	.58	3.23	.20					8.07
Dumas	Mississippi	.20	2.30		.20				.25										.30						.50	.48	1.35						5.58
Dutton	White	.25	.08	T.					.08										1.67	T.				.23	1.42	.44	.47	.25				T	4.89
El Dorado	Ouachita	.07	2.86	.74	.51	.07			.05										.14	.20						1.25	4.20						10.09
England	Arkansas	.12	2.85	.03					.87										.45					.02	*	1.23	4.23						9.80
Eureka Springs	White	.10	.11					.05	.07									.22	1.19					.05	.47	.08	1.09	.29			.05		3.77
Fayetteville	White	.14	.07					.04	06									.02	1.12					.01	.57	.18	.52	.10			.11	T.	2.94
Fort Smith***	Arkansas	.51	.01	T.				.14	T									.71	.29					.01	.60	.45	.11				T		2.83
Freeman Sprgs.	Arkansas		.27	T.					.11										1.01	.06				.75	.52	T.	1.63	.24					4.59
Fulton	Red	.13	2.92	.05	.50				.20										.46	.10					T.	1.00	.70	T.					6.06
Georgetown	White	T.	.96	.45			T.		.79	T.					T.				.40	.31				T	.71	.59	4.52	.73					9.46
Gilbert	White																																..
Grannis	Red	.91	.07		.18				.75										.40					.10	.85	1.60	.30						5.16
Gravette	Arkansas	T.	.25						T									T.	.94														
Harrison	White	.16	.10					02	.12										1.50					.06	.55	.25	1.18	.13					4.07
Helena	Mississippi	.02	1.03	1 52					.65	.32									.11	.18					.02	.48	2.10	.58					7.01
Higden	White		.49						.46										.95					2.00	1.35	2.00	1.20						8.45
Highland	Ouachita	2.02																	.51					.11	.70	1.14	.34						4.82
Hope	Red	2.00	1 24		.35				.17										.42				T		.60	.96		.84					6.58
Hot Springs	Ouachita	.65	.05						.77										1.00	.01				.04	1.01	1.35	1.79	.01					6.63
Index	Red	.10	1.75	.04	.51				.12										.44	.04					.01	.66	.65						4.32
Jessieville	Ouachita		.78	.14					2 35										*	.72				T	.83	*	4.65						9.47
Jonesboro	White		.39	.35					.62										*	1.19				.39	1.59	.78	4.00	.33					9.64
Lead Hill	White	.12	.04	T.		.01		.11	.11										1.28					.03	.76	.15	1 10	.12					3.83
Little Rock***	Arkansas	.72	.81		T.		T.	T.	58									.05	.72	T.				.03	.78	1.46	1.69						6.84
Lurton	White																																...
Lutherville	Arkansas	.30	.10						.25										1.25					T.	.90	.62	.96	.03					4.41
Madison	St. Francis		1.90	.55					.63	.05									.24	.22					T.	1.02	2.23	.38					7.22
Magnolia	Red		.80		.56				.04										.27						.78	.75	2.10						5.30
Malvern	Ouachita		2.30	.23	.03				.60	.07									.70	.10				.05	.45	.60	1.90	.30					7.33
Mammoth Spg.	White		.22	.10					30			T							.47	.10					.30	T.	.52	.50					2.51
Marianna	St. Francis		2.13						1.00										.29					.05	.32	2.20	.25						6 24
Marked Tree	St. Francis		.56	.45					1.14										.40	.48				41	.98	.92	2.88	.81					8.53
Marshall	White	.05	.10						.30										1.75					.40	1.20	.07	2.20	.02					6.09
Mena	Ouachita	.02	.59	T.	.05				.67										.99	T.				T.	.67	.11	1.55	T.					4.65
Morrilton	Arkansas		.48	.16					.56										1.10	.06					1.00	.20	3.10	.18					6.84
Mountain Home	White	.20	.10			.05			.20										1.40					.40	.53	.38	1.20						4.46
Mount Ida	Ouachita	.10	.37						1.10										.76					.10	.70	.95	2.00						6.08
Newport	White	.02	.47	.56					.51										.78	.27				.40	.43	.98	4.18	1.34					9.94
Norman	Ouachita		1.01		.13				.94										.50	.07					.57	.62	3.70	.03					7.60
Oden	Ouachita		.50		.03				1.24										.85	T.				T.	.57	.27	1.60	.02					5.08
Okay	Red	1.00	.05		.21				.38										.75						.39	.68	29	.02					3.77
Osceola	Mississippi	.21		.50	.23				1.15										.47	.30				.20	.86	.96	2.26	.96					8.10
Ozark	Arkansas		.40						.05										1.30	.08					.55	.25	1.09	.15					3.87
Paragould	St. Francis			.84					1.47										1.01	.36				.22	.45	.81	4.02	.22					9.40
Parkin	St. Francis		1.05	.39					.65										.33	.13				.92	.45	.58	2.80	.30					7.60
Patterson	White	.40	.77						1.09										.75					.03	.95	.55	4.33	.13					9.00
Piggott	St. Francis	.01	.72					.50	.31			.02							1.01	.09				.63	.80	.02	3.41						7.52
Pine Bluff	Arkansas	.03	2.08	.75	.03	.02	.01		.62	.23									.15	.16				T.	T.	.92	5.00	.29					0.29
Pocahontas	White		.48					.05	.80										1.25					.10	1.05		3.05						16.78
Portland	Ouachita		2.20	1.27		.39													T.	.39						1.00	2 95	.42					8.62
Prescott	Ouachita	.06	3.00	.13	.19				.32	.04									.21	.16			.07		.11	.90	1.36	.30					6.85
Rison	Ouachita																																...
Rogers (near)	White	.16	.05					.02										.45	.74						.08	.15	.85	.32					2.82
St. Charles	White																																....
St. Francis	St. Francis	T.	.46	.28					1.20	T.		T.							1.12	.10				.16	1.12	T.	3.10	.54					8.08
Searcy	White		.70	.67					.79										.83	.28				.33	.35	1.10	4.30	.58					9.93
Story	Ouachita		.50	.20					.48	.40									.92	T.							2.13	.11					4.74
Stuttgart	Arkansas		2.75	.60					.70	.03									.22	.10					.08	.56	2.45	.35					7.84
Subiaco	Arkansas	.32	.06						.31										1.65	T.					1.03	1.00	.53	.02					4 92
Sunset	Arkansas	.14	.03					T.	.09										1.30					.01	1.10	.29	.73	.19					3.88
Texarkana	Red	.35	2.45		.63				.10										.30	.15						1.43	.57						5.98
Thornburg	Arkansas	.42	1.02						.55										1.14	T.				T.	1.07	1.07	2.54	.10					7.91
Waldron	Arkansas	.36							.63										1.08			.04	.92	T.		1.11	T				T		4.14
Warren	Ouachita		2.02	.81	.15	.18			.25										.05	.50						1.50	3.00	.05					8.51
Waters	Ouachita		*	.63					1.28										*	.81					*	.61	2.01						5.34
Wilson	Mississippi	*		.90					1.40										*	60					1.80	1.25	1.30	.75					8.00
Wynne	St. Francis		1.21	.38					56	T.								T.	T.	.54				.38	.46	.81	2.64	.46					7.44
Yancopin	Arkansas		1.50	.73		.07			.08	.04									.30	.15					.02	.89	1.77	.45					6.00

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.7	5.0	4.8	4.6	4.6	4.6	4.8	4.2	4.0	4.2	4.2	4.6	4.4	4.3	3.8	3.7	3.6	3.6	4.9	4.4	4.2	4.9	5.8	6.1	5 8	6.0	8.5	10.2	10.4	10.4	9.2
Calico Rock	do	18	3.3	3.5	3.7	2.9	2.2	2.4	3.1	2.4	2.0	1.9	2.2	1.8	2.0	1.3	1.5	1.5	1.5	1.8	3.3	3.8	4.5	4.6	5.0	5.4	7.5	8.9	12.9	11.9	10.9	10.4	9.2
Batesville	do	23	7.3	8.5	8.7	8.7	8.0	7.4	7.8	8.7	7.9	7.4	7.2	7.2	7.0	6.8	6.2	6.2	6.2	6.5	7.9	9.3	9.2	10.1	10.0	11.2	14.5	21.1	22.2	20.9	19.0	17.8	16.8
Newport	do	26	3.8	3.9	4.9	5.5	5.7	5.3	5.0	5.4	6.0	5.9	5.4	5.1	4.9	4.7	4.2	3.7	3.6	3.6	4.6	6.3	7.6	7.8	8.2	8.6	13.2	17.9	23.1	24.8	25.6	25.6	25.1
Georgetown	do	21	5.0	5.6	7.0	8.0	8.6	9.0	8.9	8.8	9.1	9.6	9.4	9.3	8.9	8.5	8.0	7.5	6.9	6.4	6.4	7.1	8.9	10.5	11.1	12.1	15.0	18.4	20.6	22.4	23.5	24.2	24.5
Clarendon	do	26	11.2	12.7	14.9	16.2	17.0	17.5	17.8	18.0	18.3	18.5	18.8	18.9	18.9	18.8	18.6	18.3	17.9	17.5	17.1	16.8	17.0	17.6	18.5	19.1	19.8	21.1	22.8	23.9	25.5	26.9	27.8
Black Rock	Black	14	2.5	2.6	3.8	4.6	4.6	4.4	4.6	4.8	5.3	5.0	4.7	4.6	4.5	4.3	4.0	3.8	3.5	3.8	5.4	5.7	5.6	5.3	5.0	6.0	8.2	13.5	19.1	18.1	17.0	15.8	14.8
Arkadelphia	Ouachita	12	0.2	5.8	6.2	4.8	2.2	1.6	1.4	1.6	3.2	2.2	2.6	1.2	2.0	2.8	2.6	1.8	1.6	2.0	2.4	2.2	1.4	2.0	2.6	2.4	3.6	7.4	19.3	13.6	9.6	7.4	5.2
Camden	Ouachita	26	10 0	11.8	19.7	25.9	27.8	28.2	28.0	27.2	25.1	23.1	20.4	18.8	17.2	15.2	14.2	13.2	11.9	11.4	10.1	10.0	10.3	10.9	10.0	9.5	10.3	13.0	22.2	28.2	30.9	32.5	33.3
Fulton	Red	25	9.6	11.5	12.8	19.7	21.4	21.3	20.4	19.0	17.8	16.8	15.6	14.6	13.5	12.6	12.0	11.3	10.7	10.1	9.8	9.5	9.4	9.3	9.2	9.3	9.4	10.2	13.0	15.7	17.0	17.1	16.6
Helena	Mississippi	41	4.8	7.5	10.8	12.9	14 4	16.0	18.2	21.0	23.6	26.0	28.1	29.9	31.4	32.9	33.9	34.9	35.5	36.2	36.7	37.0	37.0	36.4	35.1	32.9	30 2	27.8	26.7	26.3	27.0	28.6	30.4
Arkansas City	do	42	3.4	4.0	5.8	9.0	11 8	14.0	15.8	17.8	20.3	23.0	25.4	27.2	28.8	30.2	31.4	32.3	33.1	33.7	34.4	34.8	35.2	35.4	35.3	34.8	33.9	32.8	31.2	30.3	30.3	30.5	31.2

Daily temperatures for March, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	*46*	58	60	70	71	79	81	54	60	46	60	68	73	61	66	79	77	35	56	75	79	71	52	40	48	50	52	61	70	75	75	62.8
	Minimum	26	33	45	48	46	44	43	33	28	25	24	32	32	42	34	34	42	31	26	27	32	49	41	37	35	37	36	32	31	34	34	35.3
Batesville §§	Maximum	45	52	59	67	67	75	60	48	57	40	57	61	73	55	61	74	76	35	52	71	72	56	45	40	45	52	54	53	67	73	64	58.3
	Minimum	23	31	39	36	36	31	31	31	21	18	19	22	21	42	23	29	35	32	23	23	35	45	37	33	33	38	36	30	28	33	42	30.8
Bee Branch	Maximum	40	54	58	66	69	76	76	47	56	55	55	64	75	74	62	75	75	73	58	74	74	74	55	45	39	55	53	58	68	70	68	62.6
	Minimum	30	39	47	40	42	39	41	30	25	18	26	26	35	42	28	38	53	27	23	31	52	49	39	33	35	37	34	29	32	39	42	35.5
Bentonville ***	Maximum	50	50	57	61	61	74	57	47	54	35	49	62	73	53	65	76	65	32	49	72	70	66	52	39	42	39	41	61	70	65	65	56.5
	Minimum	30	40	44	37	40	38	28	27	21	14	30	34	44	32	34	41	24	20	15	39	53	46	33	29	36	28	24	30	39	36	33	32.9
Blytheville	Maximum	49	57	63	63	65	72	58	42	54	49	42	59	70	59	60	72	78	61	48	67	74	60	57	40	42	64	59	52	67	72	65	59.4
	Minimum	33	42	47	45	45	39	38	31	27	19	27	27	42	36	37	40	54	26	25	31	53	47	35	33	37	42	36	28	32	42	47	36.9
Booneville	Maximum	40	63	65	68	68	80	73	53	60	54	58	70	79	76	70	80	76	46	56	65	78	77	62	46	40	48	56	66	73	75	68	64.2
	Minimum	31	40	47	44	44	42	50	34	26	20	28	32	45	43	36	41	46	26	18	32	39	52	46	37	36	38	32	35	38	41	39	37.4
Brinkley	Maximum	43	57	61	65	70	80	74	48	58	53	53	66	74	66	65	79	78	73	55	75	72	69	61	45	51	61	55	57	73	75	70	63.9
	Minimum	28	42	50	46	48	41	45	30	26	21	26	28	38	44	28	38	57	30	28	29	51	55	39	34	35	39	37	29	31	39	46	37.4
Calico Rock§§	Maximum	45	54	63	67	67	77	53	50	61	39	51	66	77	54	66	77	78	38	52	75	78	57	49	40	47	48	50	60	71	75	62	59.6
	Minimum	23	31	39	35	33	32	33	29	22	17	19	25	31	38	26	29	34	28	18	22	32	49	38	33	32	38	35	26	29	34	40	30.6
Camden§§	Maximum	52	58	63	65	72	78	82	49	62	46	63	68	77	60	66	78	79	49	59	77	78	76	64	40	49	53	57	64	73	75	76	64.8
	Minimum	29	38	44	44	45	45	46	36	30	29	29	31	33	44	34	37	46	38	28	28	36	53	59	36	37	37	39	33	34	37	45	38.1
Carthage §§	Maximum	48	56	59	66	70	78	81	48	59	41	59	67	74	58	65	78	77	39	58	75	76	72	52	37	50	57	55	61	71	76	75	62.5
	Minimum	26	34	46	40	46	40	40	33	28	26	25	27	30	47	29	31	40	38	28	27	36	47	49	36	35	36	38	30	30	33	36	35.1
Conway	Maximum	45	55	62	70	70	81	74	51	60	51	59	68	77	74	67	85	80	75	56	78	77	73	58	44	41	57	57	60	71	75	70	65.3
	Minimum	30	41	47	44	40	47	44	33	26	21	28	29	40	45	31	39	58	30	27	31	54	56	42	35	36	38	38	31	33	32	43	37.3
Corning	Maximum	42	52	61	66	69	72	64	49	52	51	46	60	71	65	61	68	76	70	54	71	70	66	50	41	46	54	48	54	69	73	66	59.9
	Minimum	29	38	43	43	42	39	34	29	25	17	29	26	38	37	26	36	52	28	23	30	54	44	33	32	34	41	35	25	30	38	43	34.6
Crossett §§	Maximum	56	59	68	61	73	81	83	52	62	53	62	69	77	61	64	79	80	56	58	76	79	78	81	47	55	57	56	64	73	78	80	67.0
	Minimum	32	41	52	53	48	46	52	32	33	29	27	32	39	50	33	43	53	55	30	32	44	54	60	39	38	42	40	29	33	40	41	41.1
Dardanelle	Maximum	42	58	63	68	69	81	72	53	59	55	60	70	78	71	69	79	77	62	57	79	79	75	59	48	41	50	59	60	70	75	67	64.7
	Minimum	30	42	47	45	46	40	45	34	28	20	30	34	42	44	35	40	59	29	24	31	54	54	45	36	37	39	35	33	34	39	42	38.5
Dumas	Maximum	51	55	65	62	68	80	83	70	59	58	55	66	73	65	65	79	78	60	52	72	76	70	64	47	47	59	53	59	72	77	77	65.1
	Minimum	34	46	52	46	45	39	43	34	29	25	27	31	43	47	33	44	45	34	30	33	50	56	47	36	38	43	39	31	34	41	46	39.4
Dutton	Maximum	46	65	54	62	63	71	54	47	53	36	51	62	74	57	61	73	70	37	52	71	72	72	59	47	49	47	50	59	69	68	71	58.8
	Minimum	17	38	42	28	29	30	35	24	27	10	21	22	35	31	28	30	34	19	4	20	26	40	40	29	30	30	25	22	29	34	49	28.3
El Dorado	Maximum	52	59	67	66	72	78	83	80	61	56	62	69	76	71	66	79	79	74	58	77	78	77	77	61	44	53	58	65	74	76	79	68.6
	Minimum	38	38	51	48	47	48	60	36	33	30	31	36	45	50	38	49	50	34	29	35	51	59	61	38	37	43	40	33	36	41	46	42.3
England	Maximum	49	53	39	67	68	80	80	48	58	52	54	65	75	70	64	78	78	68	55	75	76	..	70	..	45	60	55	60	70	75	70	64.7
	Minimum	30	42	48	45	45	44	44	31	28	22	30	29	43	45	31	40	57	32	29	32	50	..	40	..	34	39	38	31	35	42	44	37.9
Eureka Springs	Maximum	45	53	68	61	62	74	68	48	54	38	52	66	74	66	65	75	70	32	52	74	73	65	55	43	41	40	44	65	72	68	64	58.9
	Minimum	29	37	44	38	41	37	32	25	27	10	28	34	51	31	36	43	31	20	15	47	60	50	38	29	34	32	24	27	40	44	33	34.4
Fayetteville	Maximum	49	53	56	60	61	71	70	47	55	49	50	64	74	70	63	74	72	33	54	72	71	69	66	49	41	40	59	62	68	64	64	59.7
	Minimum	30	41	42	35	37	36	34	27	26	14	31	32	49	32	36	39	33	21	11	39	58	46	42	31	35	32	28	28	36	43	33	34.1
Fort Smith***	Maximum	42	59	61	65	67	79	65	52	60	42	57	70	77	57	70	80	74	34	56	79	78	75	54	47	42	48	56	62	74	69	64	61.8
	Minimum	32	42	47	42	44	45	36	32	28	20	32	35	46	41	36	46	32	26	25	37	60	54	47	36	38	36	34	37	41	42	39	38.3
Grannis	Maximum	45	65	63	67	72	74	76	72	68	50	63	68	65	61	66	68	76	70	62	78	75	75	68	52	42	50	60	62	70	73	73	65.5
	Minimum	32	38	45	45	46	48	53	32	37	21	28	37	39	37	39	40	45	28	18	30	40	50	50	35	35	40	32	34	38	38	38	37.7
Gravette	Maximum	49	47	58	60	61	72	69	47	49	36	49	65	73	71	65	75	73	33	51	73	71	65	64	42	..	..	..	..	..	..	..	59.1
	Minimum	28	39	41	39	32	36	31	24	25	12	25	32	48	30	33	34	27	18	10	38	45	43	32	28	..	..	..	..	..	..	..	31 2
Helena	Maximum	51	56	61	61	69	78	77	47	56	44	51	61	70	63	62	75	79	63	50	71	75	75	68	45	43	64	55	56	71	74	73	62.9
	Minimum	29	41	49	45	47	49	44	30	27	23	24	30	41	41	31	46	39	29	27	33	39	55	40	34	35	42	36	29	37	47	46	37.6
Highland	Maximum	55	65	66	70	78	75	74	78	72	60	69	74	76	79	75	77	71	34	57	75	75	76	71	47	39	54	61	64	72	75	74	67.4
	Minimum	38	48	49	48	52	54	55	54	48	24	32	46	50	55	52	54	34	30	24	39	51	53	47	34	29	37	35	35	37	47	48	43.2
Hope	Maximum	45	56	65	65	76	78	82	75	62	51	65	71	75	61	70	78	78	71	62	77	..	79	70	44	40	52	60	67	78	.	78	66.6
	Minimum	34	42	47	45	48	46	45	35	28	26	32	32	43	44	35	40	56	31	25	34	..	50	44	35	35	37	35	32	37	..	44	38.5
Hot Springs	Maximum	44	58	61	68	70	79	81	51	62	56	60	68	74	68	67	77	76	69	62	77	76	69	64	43	39	55	61	67	76	71	75	65.3
	Minimum	33	42	49	50	52	43	45	32	30	21	30	35	48	45	36	44	56	30	25	37	54	55	42	34	34	37	36	32	35	42	41	39.5
Jonesboro	Maximum	46	55	59	66	67	74	68	44	56	50	47	62	73	66	62	74	79	..	..	..	80	68	52	40	41	62	50	53	70	75	67	61.0
	Minimum	31	40	45	45	47	41	38	31	28	19	27	27	42	41	28	48	55	33	..	..	..	47	35	33	36	40	37	27	34	43	45	37.2
Lead Hill	Maximum	30	56	65	66	65	79	67	47	58	39	51	69	80	68	70	81	77	37	54	79	78	64	55	46	45	44	47	64	77	74	62	61.4
	Minimum	29	36	41	33	34	30	33	28	20	15	25	23	30	34	28	33	37	24	5	27	55	41	37	36	37	37	29	22	28	35	36	30.9
Little Rock.* **	Maximum	47	52	57	65	67	78	74	46	56	37	53	65	74	63	64	75	76	40	53	75	75	65	53	40	44	56	53	55	67	73	66	60.1
	Minimum	32	45	48	48	47	48	37	32	34	22	31	35	44	42	38	44	40	30	28	36	51	53	39	34	35	40	38	33	38	49	44	39.3
Lutherville	Maximum	43	63	58	64	67	77	71	53	56	53	59	67	76	69	66	76	75	55	52	76	77	69	57	47	40	51	55	59	70	72	65	62.5
	Minimum	30	40	42	43	41	42	41	30	28	11	27	31	41	39	32	41	54	26	19	33	53	52	43	33	34	38	33	30	36	42	40	36.3
Magnolia	Maximum	55	56	66	65	73	78	80	82	60	58	62	69	68	62	67	70	79	75	58	77	78	78	75	55	45	50	58	64	68	72	74	67.1
	Minimum	39	40	49	47	45	48	39	37	33	29	32	38	40	46	40	45	50	32	27	37	52	59	58	37	37	41	40	35	35	55	60	42 0
Malvern	Maximum	44	55	60	68	70	79	81	52	60	56	61	68	75	69	66	78	79	71	61	78	78	74	68	44	48	60	58	62	72	75	75	66.0
	Minimum	33	43	49	42	41	40	51	33	26	24	30	28	36	47	30	39	58	31	26	30	50	53	42	35	35	37	38	30	31	36	41	37.6
Mammoth Spring	Maximum	41	51	64	67	64	70	62	50	55	51	54	63	78	69	64	76	79	65	54	65	71	70	50	42	43	45	51	57	71	74	71	61.0
	Minimum	25	39	42	39	42	40	35	29	22	16	24	26	34	34	26	34	42	28	18	28	35	47	36	31	35	34	36	24	26	34	40	32.3
Marianna	Maximum	51	58	60	62	69	77	75	49	57	52	55	61	71	70	65	74	78	75	51	72	76	74	68	51	51	63	59	56	69	74	71	64.2
	Minimum	30	44	51	42	45	46	48	31	28	23	25	27	43	44	32	59	53	31	28	34	50	55	40	34	36	36	35	30	33	40	39	38.2
Marked Tree§§	Maximum	52	57	62	65	67	76	56	42	56	36	49	61	71	54	62	74	77	48	45	70	73	62	44	35	51	54	48	54	70	74	66	58.6
	Minimum	24	36	47	42	45	39	39	31	27	19	19	26	29	10	27	25	40	37	24	26	34	50	35	32	32	37	37	28	29	31	40	33 2
Marshall	Maximum	40	54	51	57	60	67	69	44	52	52	51	60	70	70	60	69	72	70	66	69	73	71	50	43	40	40	48	56	66	64	62	58.5
	Minimum	28	35	41	35	44	34	36	26	22	14	27	31	48	35	33	38	56	23	10	30	55	46	36	30	32	36	29	25	34	44	36	33.9
Mena	Maximum	42	65	63	63	65	78	77	55	60	47	57	68	73	65	66	78	73	54	58	76	71	75	65	46	57	52	53	66	73	73	74	63.7
	Minimum	31	42	46	45	43	40	55	32	27	19	28	30	46	42	32	42	51	25	22	37	72	54	46	34	33	35	32	32	34	39	37	37.6
Morrilton §§	Maximun.	42	54	58	61	65	75	67	46	54	38	57	64	72	54	66	74	76	31	52	74	74	63	43	38	45	50	52	56	66	71	63	58 3
	Minimum	25	33	41	45	45	44	45	32	30	21	21	29	33	45	33	33	42	31	27	29	36	54	43	35	35	37	37	32	34	42	43	35.9
Mountain Home	Maximum	39	50	64	67	67	75	60	49	59	38	52	66	78	65	67	75	77	58	52	76	79	63	52	45	45	45	48	60	72	75	62	60.7
	Minimum	25	35	42	40	42	33	32	27	22	22	26	25	41	33	29	37	41	25	13	29	35	49	33	31	36	37	30	25	31	40	37	32.4
Mount Ida	Maximum	47	60	62	69	70	79	78	56	61	53	61	67	73	65	67	75	76	71	58	77	75	72	67	45	38	53	56	65	74	75	75	65.3
	Minimum	29	42	46	45	36	32	55	32	20	22	24	23	36	45	25	33	59	26	21	24	55	46	45	35	33	31	31	24	26	29	41	34.6
Newport	Maximum	45	53	58	67	67	75	69	44	57	52	47	62	73	69	62	73	77	72	52	72	72	69	54	42	40	55	51	54	62	72	65	60.7
	Minimum	30	39	47	42	46	38	39	31	27	20	29	26	40	42	29	38	57	30	27	31	55	49	36	31	37	40	37	30	35	40	44	36 9
Okay	Maximum	48	61	60	67	72	78	82	80	59	58	66	69	74	73	68	79	79	74	62	78	77	79	76	50	47	51	62	67	75	80	77	68.6
	Minimum	33	40	46	44	41	45	51	36	30	27	31	32	40	49	36	44	55	30	25	31	51	58	46	36	36	38	34	32	34	40	43	39.2
Ozark§§	Maximum	44	61	60	65	69	77	69	55	60	44	59	69	78	59	66	79	76	55	55	76	80	72	55	42	47	50	60	69	71	73	64	63.3
	Minimum	25	35	43	40	41	40	46	32	27	19	19	34	36	39	38	38	42	28	19	20	33	50	51	35	36	37	33	32	36	40	40	35.1
Pine Bluff	Maximum	50	55	61	65	71	80	84	48	58	50	58	66	76	64	67	75	79	68	57	76	77	74	67	43	46	60	54	58	70	77	73	64.9
	Minimum	34	44	50	45	49	45	45	32	39	25	30	33	46	46	35	44	58	34	30	34	53	59	43	36	34	40	39	33	35	41	47	40.3
Pocahontas	Maximum	45	51	59	67	66	72	68	49	55	55	45	60	71	68	59	73	76	72	54	70	72	69	55	45	46	51	56	54	67	72	69	61.1
	Minimum	27	37	42	41	39	35	35	28	23	15	21	22	34	36	24	35	53	27	24	28	53	44	34	30	35	40	35	24	32	38	41	33.3
Portland	Maximum	54	56	68	65	72	80	80	74	58	54	59	66	74	73	67	81	81	72	56	75	78	76	80	66	47	64	53	59	69	76	81	68.2
	Minimum	39	47	56	46	44	47	55	35	34	27	26	34	41	49	33	47	54	35	30	32	47	54	59	38	35	45	39	31	36	41	45	41.3
Prescott	Maximum	51	56	64	67	72	80	83	86	59	54	64	70	75	73	67	80	79	76	60	79	77	77	73	46	41	53	59	64	73	77	77	67 9
	Minimum	34	41	48	47	48	46	56	35	30	26	33	30	42	38	34	44	56	25	26	35	51	57	46	36	35	38	36	33	35	39	44	39.6
Searcy	Maximum	45	55	58	67	69	75	71	47	55	50	52	62	72	66	60	71	75	70	55	72	72	68	55	42	40	57	53	54	67	72	65	61.1
	Minimum	28	39	47	42	44	40	40	31	25	19	28	26	31	43	25	35	57	30	27	30	52	47	37	32	35	38	36	29	32	37	43	35.8
Stuttgart	Maximum	48	56	60	65	68	79	75	47	58	53	54	64	73	62	63	76	77	73	54	74	75	74	68	43	42	58	53	58	70	75	76	64.0
	Minimum	35	44	51	44	46	46	47	31	29	21	30	31	43	46	34	42	56	32	29	35	53	56	41	35	36	41	37	31	35	43	45	39.5
Subiaco	Maximum	41	64	61	65	67	79	73	56	57	52	58	69	78	76	69	80	77	42	56	80	73	76	55	47	40	49	58	64	75	75	65	63.7
	Minimum	30	39	47	45	45	41	42	33	28	18	29	30	41	41	35	40	40	26	21	33	59	52	45	34	34	38	33	32	35	42	40	37.0
Sunset	Maximum	45	63	56	62	63	71	66	44	53	46	49	66	72	65	60	72	67	41	53	70	70	73	60	46	37	45	41	59	68	66	62	58.4
	Minimum	28	41	41	40	40	48	35	23	31	10	28	34	48	31	35	49	38	19	17	40	55	55	42	29	31	34	24	34	43	44	31	35.4
Texarkana	Maximum	44	57	65	68	71	78	83	75	60	57	67	70	74	72	67	78	78	71	62	78	76	79	72	51	40	52	60	62	72	78	77	67.6
	Minimum	33	40	41	45	42	48	60	35	28	25	30	35	45	48	38	46	53	28	21	35	50	48	47	34	34	36	31	35	33	45	41	39.0
Thornburg	Maximum	49	55	58	66	67	79	45	58	48	57	65	74	73	67	76	80	70	55	74	81	78	71	57	42	38	51	54	61	71	74	69	63.3
	Minimum	28	38	39	45	47	41	30	19	19	25	29	43	31	26	33	56	28	22	25	39	55	54	46	33	34	35	35	22	27	35	41	34.4
Wilson	Maximum	47	57	61	63	65	69	73	43	54	54	50	61	70	69	69	72	77	76	52	69	73	71	61	42	49	65	59	53	67	72	65	62.3
	Minimum	30	41	40	42	43	37	41	30	26	18	24	30	41	26	36	40	54	20	24	33	50	49	34	32	34	46	36	28	30	41	43	35.5
Wynne	Maximum	47	57	62	63	67	75	62	44	42	43	47	61	71	60	62	75	77	62	50	73	..	61	57	41	41	63	50	55	71	74	66	59.3
	Minimum	27	29	45	41	43	39	40	28	25	17	24	27	41	40	28	33	52	25	24	31	49	..	35	34	36	40	38	28	33	45	45	35.2

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. —4-26-34-1000

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XXXIX Little Rock, Ark., April, 1934 No. 4

GENERAL SUMMARY

Temperatures were considerably above normal for the first five days of the month and on the 10th with departures ranging as high as 19° above normal on the 3d, while they were from 10° to 12° below normal on the 12th, 20th, and 28th. Light frost occurred in many sections on the 13th, 28th, and 29th, killing frost at Freeman Springs and Story on the 20th, and temperatures as low as 29° in the Ozarks on the 13th. Strong northwest winds brought dust from the Plains States on the 11th and 19th and from the 22d to the 26th reducing the visibility on the 11th and 24th occasionally to 2 1-2 or 3 miles. The average temperature for the State, based on the reports of 60 stations, was 62.7° which is 1.1° above the mean for the past 44 years. Of the stations with records of 10 years or more, only 10 had negative departures. The highest temperature recorded was 90° at Rison on the 2d and 4th and at Dardanelle on the 26th; the lowest, 29° at Dutton on the 13th. The greatest daily range was 48° at Lead Hill on the 29th.

Precipitation was heavy to excessive from the 4th to the 6th and heavy at a few stations on the 16th or 17th, the 24th, and either the 27th or 28th. The heavy rains the first part of the month caused moderately high stages on the Petit Jean and Ouachita rivers, flood stages being exceeded slightly at Danville, Arkadelphia, and Camden. The average rainfall for the State for the 88 stations reporting was 3.51 inches which is 1.39 inches below the mean for the past 44 years. Of the stations with records of 10 years or more, 10 had positive departures and 58 negative. Monthly totals ranged from 0.57 inch at Arkansas City in the southeastern portion to 8.18 inches at Higden on the southeastern slope of the Ozarks. The greatest amount measured in any 24-hour period was 4.00 inches at Story on the 5th. The average number of rainy days was 8.

The weather during the month was very favorable for the growth of hardy vegetation but too cool at times for growth of cotton and corn. The heavy rains from the 4th to the 6th saturated the soil in most portions and preparation for planting of crops was retarded except in the southeastern portion where rainfall was lightest. Some corn was planted the first week of the month but it was near the 15th before much planting was accomplished. Cotton planting was begun in some southern sections about the middle of the month but the cool weather and wet soil were unfavorable for growth and some had to be replanted. The light frost on the 29th did some damage to young cotton but otherwise vegetation was not injured. Practically no other damage was reported either from frost or freezing temperatures during the month. Windstorms and hailstorms were not as severe as usual. Buffalo gnats killed approximately 500 head of livestock the latter part of the month in Cross, Lee, Lonoke, Monroe, and Phillips counties. T.A.M.

Miscellaneous Data

Moderate Hail:--Camden and Paragould, 4th; Rison, 19th.

Heavy Hail:--Warren, 4th, no report on damage; 3 miles north of Arkadelphia, 17th, 6 p. m., severe damage to fruit and gardens over a territory one-fourth mile wide and 5 miles long; Arkadelphia, 17th, considerable damage.

Windstorms:--Oil Trough (10 miles west of Newport), night of 5th-6th, several houses damaged, one demolished, loss $1,000; 6 miles south of Arkadelphia, 18th, severe windstorm accompanied by hail, several barns blown down, cotton gin unroofed, loss $5,000.

Killed by Lightning:--Charleston, 17th, 1; near Texarkana, 18th, 1.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog						1		5	2														1						1		
Light Hail				6	1					2	1		1					1													
Moderate Hail				2															1												
Heavy Hail				1													1														
Thunderstorms			2	37	23	14	1	1		19	17				1	9	15	9	1		1	4	3	1	1	1	11				

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29 97	30.34	28	29.59	10	7.3	25	sw	26	....	.	....	73
Fort Smith	29.98	30.34	28	29.64	15	8.1	32	sw	4	66	55	44	64
Little Rock	30.00	30.36	30	29.64	15	8.9	28	w	5	70	48	45	72
Memphis	30 00	30.37	29	29.65	11	8.4	27	nw	22	69	54	55	74

COMPARATIVE DATA FOR APRIL

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	+1.2	93	22	2.75	−2.15	4.90	0 41	....	8	15	10	5
1892	61.4	−0.2	97	27	6.98	+2.08	11.06	1.32	0.0	10	12	9	9
1893	64.9	+3.3	94	29	7.16	+2.26	13.22	4.02	T.	8	11	10	9
1894	63.1	+1.5	91	29	6.18	+1.28	12.73	1.29	0.0	9	14	8	8
1895	63.1	+1.5	98	30	1.99	−2.91	3.90	0.71	T.	6	15	8	7
1896	67.8	+6.2	94	24	3.65	−1.25	9.36	0.46	0.0	5	12	12	6
1897	61.4	−0.2	90	31	4.14	−0.76	6.12	1 93	0.0	9	12	11	7
1898	59.2	−2.4	93	19	3.09	−1.81	7.85	1.10	0.0	8	14	8	8
1899	60.7	−0.9	96	19	3.28	−1.62	5.38	0.82	T.	7	10	11	9
1900	62.2	+0.6	96	24	4.98	+0.08	10.06	1.51	T.	10	10	12	8
1901	58.1	−3.5	96	22	3.82	−1.08	5.48	1.37	T.	6	14	8	8
1902	61.2	−0.4	96	25	2.87	−2.03	5.58	1.17	0.0	8	11	11	8
1903	60.6	−1.0	91	26	1.86	−3.04	4.92	0.36	T.	6	13	10	7
1904	56.8	−4.8	89	24	3.88	−1.02	7.94	1.64	T.	8	11	9	10
1905	61.1	−0.5	96	25	6.29	+1.39	12.53	2.10	T	11	9	10	11
1906	63.7	+2.1	97	27	2.55	−2.35	4.82	0.70	0.0	6	15	7	8
1907	54.9	−6.7	89	24	5.44	+0.54	8.99	3.29	0.0	9	10	7	13
1908	63.3	+1.7	94	24	6.32	+1.42	13.76	2 56	T.	12	9	9	12
1909	60.9	−0.7	88	24	4.52	−0.38	8.79	1.66	T.	8	15	7	8
1910	59.8	−1.8	90	22	5.14	+0.24	8.74	2.05	T.	9	12	9	9
1911	60.5	−1.1	90	29	9.86	+4.96	15.20	4.20	0.0	12	10	9	11
1912	61.9	+0.3	93	26	8.14	+3.24	12.94	2.60	T.	12	9	11	10
1913	61.2	−0.4	94	27	4.91	+0.01	11.46	1.84	0.0	6	17	6	7
1914	61.0	−0.6	94	19	4.57	−0.33	11.29	1.99	0.0	9	11	9	10
1915	64.3	+2.7	96	19	2.96	−1.94	7.53	0.67	T.	5	14	8	8
1916	59.9	−1.7	92	24	3.65	−1.25	7.46	2.05	T.	7	13	7	10
1917	60.4	−1.2	90	23	5.69	+0.79	12.84	2.91	T.	9	14	7	9
1918	59.6	−2.0	96	25	7.63	+2.73	14.34	2.68	0.0	9	14	6	10
1919	61.6	0.0	95	24	3.56	−1.34	7.02	0.33	T.	7	14	6	10
1920	59.8	−1.8	94	21	5.49	+0.59	10.56	1.42	T.	9	14	7	9
1921	59.8	−1.8	91	22	7.87	+2.97	12.52	4.54	T.	9	14	6	10
1922	63.5	+1.9	90	26	5 54	+0.64	12.81	2.77	0.0	9	13	6	11
1923	61.4	−0.2	95	23	6.30	+1.40	10.24	1.87	0.0	11	14	7	9
1924	61.4	−0.2	94	18	4.99	+0.09	8.53	2.92	0.0	8	14	6	10
1925	67.4	+5.8	98	28	2.62	−2.28	7.15	0.00	0.0	6	14	9	7
1926	59.1	−2.5	94	18	2.65	−2.25	5.81	1.24	T.	7	15	6	9
1927	65.7	+4.1	99	26	12.93	+8.03	23.80	5.94	0.0	12	12	7	11
1928	57.3	−4.3	87	22	8.52	+3.62	14.01	4.03	T.	9	13	5	12
1929	64 0	+2.4	92	29	5.69	+0.79	12.94	1.91	T.	10	11	7	12
1930	64.9	+3.3	96	27	1.41	−3.49	4.40	0.00	0.0	6	16	7	7
1931	59.1	−2.5	92	21	2.62	−2.28	6.43	0.62	0.0	9	13	7	10
1932	63.8	+2 2	92	28	2.85	−2.05	7.02	0.71	0.0	7	16	7	7
1933	61.1	−0.5	93	28	4.80	−0.10	9.14	2.27	0.9	11	13	8	9
1934	62.7	+1.1	90	29	3.51	−1.39	8.18	0.57	0 0	8	14	8	8
Period	61.6	....	99	18	4.90	.....	23.80	0.00	T.	8	13	8	9

Daily River Stages for April, 1934

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Fort Smith	Arkansas	22	6.5	6.3	6.0	5.9	6.8	16.8	16.8	17.0	17.4	16.1	14.9	13.3	11.7	10.4	9.7	9.0
Ozark	do	22	3.1	2.5	2.3	2.2	4.2	9.9	13.0	12.8	13.2	12.7	11.6	10.4	8.5	7 2	6.3	5.4
Dardanelle	do	22	7.0	6.3	5.9	5.5	6.8	9.3	15 0	15.5	15.5	15.2	14.5	13.8	12.0	10.5	9.3	8.5
Morrilton	do	20	6.0	4.8	3.9	3 2	3.1	5.9	11.5	13.8	13.5	13.6	13.0	11.8	10.5	8.9	6.9	6.1
Little Rock	do	23	8 8	7.4	6.1	5.0	5 5	6.6	9.5	15.1	15.6	15.1	14.7	13.5	12.2	10.6	8.9	7.4
Pine Bluff	do	25	13.7	12.7	11 7	10.4	10.1	10.7	12.2	16.2	18.6	18 9	18.9	18.1	17.0	15 8	14.7	13.2
Danville	Petit Jean	20	10.8	8.5	6.3	6.1	13.2	20.5	21.5	21.1	19.5	16.1	11.9	9.0	7.5	6.3	5.2	5.2

Stations	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	8.3	8.3	8.8	9.2	9.0	8.8	8.3	7.8	7.3	6.8	6.7	6.3	5.8	5.8	
Ozark	4.6	4.7	4.6	5.0	5.1	4.9	4.5	4.0	3.4	2.9	2.5	2.3	2.1	1.9	
Dardanelle	7.8	7.7	7.5	7.5	7.7	7.4	7.4	7.1	6.5	6.1	5.8	5.6	5.3	5.2	
Morrilton	5 2	4.5	4.5	4.4	4.4	4.6	4.3	4.0	3.4	2.8	2.4	2.1	1 8	1.5	
Little Rock	6.3	5.5	5.1	4.9	4.7	4.8	4.8	4.5	4.2	3.6	3.1	2 6	2.3	2.0	
Pine Bluff	11.9	10.8	10.0	9.7	9.4	9.2	9.2	9.2	8.9	8.6	8.0	7.6	7.1	6.9	
Danville	5.1	5.5	5.9	6.8	6.8	5.1	4.3	3.9	3.7	3.7	3.7	3.7	3.5	3.3	.

Climatological Data for April, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	62.9[a]	+ 1.1	86[a]	23†	37[a]	13†	43[b]	4.26	−0.91	2.10	0.0	5	4[d]	16[d]	6[d]	...	J. W. Campbell
Arkadelphia	Clark	250	39	...	...	...	...	...	...	...	5.30	+0.16	2.42	0.0	9	17	3	10	ne.	W. K. Bown
Arkansas City	Desha	145	50	...	...	...	...	...	...	...	0.57	−4.34	0.46	0.0	4	16	2	12	...	Herbert Neff
Arlberg	Stone	700	12	...	...	...	...	...	...	...	5.35	−0.25	1.38	0.0	7	...	...	...	...	J. D. Reeves
Batesville	Independence	277	35	58.7	− 0.3	89	10	35	13†	43	5.78	+0.78	1.74	0.0	9	18	3	9	nw	**Mrs. Lelia I. Teter**
Bee Branch	Van Buren	700	42	63.0	+ 2.0	87	26	39	29	40	7.16	+2.30	2.30	0.0	10	11	13	6	s.	J. E. Scanlan
Bentonville	Benton	1303	29	58.1	+ 0.5	83	10	39	8†	32	2.07	−2.79	0.76	0.0	7	9	7	14	n.	**U. S. Weather Bureau**
Big Lake Outlet ‡‡	Mississippi	239	4	...	...	...	...	...	...	...	2.62	...	1.00	0.0	7	18	3	9	...	C. J. Brooks
Black Rock	Lawrence	259	33	...	...	...	...	...	...	...	2.95	−2.61	0.68	0.0	10	19	2	9	s.	**Vernon C. Howe**
Blytheville	Mississippi	252	9	61.2	...	85	4†	37	25	39	2.52	...	0.71	0.0	9	15	10	5	s.	Samuel Norris
Booneville	Logan	465	20	62.6	+ 0.4	88	23	33	13†	45	2.76	−2.36	1.47	0.0	6	16	8	6	s.	**F. H. Randolph**
Brinkley	Monroe	205	47	63.3[a]	+ 1.3	87[a]	26	36	29	41[a]	2.34	−3.22	1.07	0.0	6	20	4	6	ne.	R. J. Torry
Calico Rock	Izard	361	30	59.0	− 0.2	88	10†	35	13	47	2.90	−2.03	0.90	0.0	9	16	8	6	nw.	E. R. Wiseman
Camden	Ouachita	158	49	64.6	+ 1.2	86	23	39	29	41	4.87	−0.03	1.74	0.0	9	10	6	14	s.	J. M. Knight
Carthage	Dallas	297	29	62.3	...	86	5†	36	29	38	5.18	+0.12	2.00	0.0	8	13	9	8	n	P. K. Wylie
Center Point	Howard	470	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	John C. Floyd
Clarendon	Monroe	172	30	...	...	...	...	...	...	...	2.14	−3.95	0.92	0.0	8	13	4	13	n	J. W. Bishop
Clinton	Van Buren	516	13	...	...	...	...	...	...	...	4.71	−0.59	1.41	0.0	10	13	12	5	nw.	**A. L. Stephens**
Conway	Faulkner	309	51	64.2	+ 2.2	88	10†	38	13	40	4.13	−0.73	1.39	0.0	6	22	3	5	w.	E. E. Cordrey
Corning	Clay	293	41	61.4	+ 1.4	87	26	35	29	41	2.23	−2.97	0.55	0.0	9	12	11	7	nw.	Winfred D. Polk
Cotter	Baxter	408	7	...	...	...	...	...	...	...	3.02	...	1.14	0.0	8	15	9	6	...	O. B. McSpadden
Crosset	Ashley	175	22	65.5	+ 0.8	88	3	38	13	36	1.47	−3.35	0.38	0.0	9	11	9	10	sw.	G. A. Gifford
Danville	Yell	327	18	...	...	...	...	...	...	...	2.79	−2.52	0.92	0.0	9	14	7	9	...	J. M. Patterson
Dardanelle	Yell	330	48	64.4	+ 1.8	90	26	40	13†	42	3.81	−0.46	1.55	0.0	9	10	11	9	s.	Geo. N. Goodier
De Valls Bluff	Prairie	153	7	...	...	...	...	...	...	...	2.56	...	1.36	0.0	7	11	14	5	s.	Frank O'Rourke
Dumas	Desha	162	29	65.0	+ 1.5	89	3	37	29	39	2.88	−2.08	1.55	0.0	6	12	9	9	n.	Ben Johnson
Dutton	Madison	1590	31	56.4	0.0	82	26	29	13	44	4.84	−1.29	1.85	0.0	8	12	12	6	s.	J. M. Ricketts
El Dorado	Union	270	34	67.0	+ 2.7	87	3	42	13†	35	1.95	−3.66	0.58	0.0	11	11	9	10	se	J. J. Babb
England	Lonoke	229	27	64.0[b]	+ 1.2	87[b]	26	39[b]	29	36[b]	4.70	−1.31	2.56	0.0	8	16[b]	4[b]	8[b]	s.	**Dr. R. H. Hardin**
Eureka Springs	Carroll	1465	34	60.0	+ 1.0	84	10	36	13	35	4.75	−0.29	2.82	0.0	9	14	6	10	sw.	**Geo. W. Nichoalds**
Fayetteville	Washington	1451	47	59.1	+ 0.6	80	10†	35	13	33	4.07	− 0.56	1.27	0.0	8	13	11	6	sw.	**University of Arkansas**
Fort Smith	Sebastian	457	53	63.0	+ 1.2	87	10	42	13	34	4.05	+0.11	2.04	0.0	7	14	8	8	e.	**U. S. Weather Bureau**
Freeman Springs‡‡	Pope	2240	10	...	...	...	...	...	...	...	3.88	...	1.22	0.0	8	17	5	8	sw.	**R. J. Mc Cuiston**
Fulton	Hempstead	260	49	...	...	...	...	...	...	...	3.70	−0.84	1.12	0.0	6	12	7	11	...	**T. J. Logan**
Georgetown	White	200	22	...	...	...	...	...	...	...	3.33	−2.41	1.62	0.0	8	16	7	7	...	Mrs. W. R. Owens
Gilbert	Searcy	675	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grannis	Polk	900	15	62.0	+ 1.5	85	23†	33	13	41	5.43	−0.70	2.78	0.0	6	13	11	6	n.	W. E. McVay
Gravette	Benton	1250	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	A. F. Stevens
Harrison	Boone	1052	34	59.6	+ 2.3	*88*	10	36	28	41	3.50	−1.46	0.82	0.0	8	18	7	5	...	Louis R. Keck
Helena	Phillips	250	62	63.1	+ 0.3	85	3†	36	13	36	2.74	−2.99	1.65	0.0	5	8	12	10	sw.	**James A. Burnett**
Higden	Cleburne	445	15	...	...	...	...	...	...	...	8.18	+2.15	2.95	0.0	8	19	8	3	nw.	Trumon Brown
Highland	Pike	600	15	64.6	...	89	8	43	2†	44	1.82	−3.58	0.80	0.0	5	7	17	6	s.	J. O. Cooley
Hope	Hempstead	377	64	65.1[b]	+ 1.2	87[b]	3†	38[b]	13	42[b]	5.14	−0.13	1.61	0.0	7	14[b]	5[b]	9[b]	s.	N. P. O'Neal
Hot Springs	Garland	600	43	65.9	+ 3.1	89	23	39	29	41	5.38	−0.64	1.75	0.0	6	10	16	4	s.	National Park Service
Index	Little River	275	9	...	...	...	...	...	...	...	6.86	...	3.25	0.0	9	14	3	13	...	H. C. Sanderson
Jessieville	Garland	750	8	...	...	...	...	...	...	...	3.05	...	1.50	0.0	7	11	10	9	n.	U. S. Forest Service
Jonesboro	Craighead	345	39	62.9	+ 1.6	86	26	40	13†	36	2.67	−2.15	0.88	0.0	9	8	13	9	s.	Benedictine Sisters
Lead Hill	Boone	650	28	59.4	− 0.4	88	10†	33	28†	48	2.34	−1.87	1.10	0.0	10	18	7	5	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	62.4	+ 0.3	86	26	40	13	33	5.81	+0.62	3.18	0.0	9	10	10	10	s.	**U. S. Weather Bureau**
Lurton	Newton	2100	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Miss Mary Sutton
Lutherville‡‡	Johnson	775	35	61.8	+ 1.6	87	26	38	13	38	3.75	−1.15	0.88	0.0	9	10	9	11	sw.	**H. G. Lenhardt**
Madison	St. Francis	209	4	...	...	...	...	...	...	...	1.88	...	0.66	0.0	5	13	0	17	...	J. W. Eppes
Magnolia	Columbia	315	18	66.6	+ 2.2	86	3†	37	13	34	5.82	+1.00	2.60	0.0	7	14	11	5	sw.	**State Agri. School**
Malvern	Hot Springs	277	48	64.2	+ 2.5	87	23†	35	13	40	5.53	+0.35	2.80	0.0	8	17	8	5	ne.	**Mrs. W. L Matthews**
Mammoth Spring	Fulton	600	30	61.2	+ 2.0	85	10	36	14†	42	1.97	− 3.29	0.61	0.0	5	15	10	5	nw.	S. F. Whittaker
Marianna	Lee	235	23	64.5	+ 2.4	85	3†	40	29	37	1.88	−2.91	0.90	0.0	6	18	9	3	sw.	C. N. Houck
Marked Tree	Poinsett	229	30	61.0	− 0.6	86	26	39	24	41	2.55	−3.05	0.72	0.0	10	8	18	4	s.	**Charles Walton**
Marshall	Searcy	1070	20	58.6	− 2.2	83	26	31	21	40	4.42	−2.53	0.85	0.0	9	13	10	7	sw.	**A. J. Parks**
Mena	Polk	1185	46	63.0	+ 1.4	85	23†	34	13	40	3.68	−2.13	1.86	0.0	8	17	3	10	sw.	**E W. St. John**
Morrilton	Conway	347	15	61.2	− 1.4	85	23	41	29	36	3.47	−1.84	1.71	0.0	10	12	9	9	n.	Miss Ruby Cook
Mountain Home	Baxter	800	22	59.8	+ 1.0	86	26	36	13†	42	2.35	−2.65	1.00	0.0	7	14	10	6	nw.	**B. S. Halbert**
Mount Ida	Montgomery	650	35	61.3	− 0.1	87	23†	30	13†	46	4.14	−1.76	1.35	0.0	5	14	7	9	w.	**G A. Whittington**
Newport	Jackson	231	51	62.7	+ 0.7	86	26	39	29	38	3.70	−1.33	1.03	0.0	8	16	10	4	s.	**J. D. Henderson**
Norman	Montgomery	750	6	...	...	...	...	...	...	...	2.80	...	0.95	0.0	7	12	6	12	...	**U. S. Forest Service**
Oden	Montgomery	800	8	...	...	...	...	...	...	...	4.18	...	1.46	0.0	7	16	7	7	nw.	**U. S. Forest Service**
Okay	Howard	288	5	65.2	...	87	3	36	20	39	3.82	...	1.10	0.0	9	14	7	9	s.	Charles R. Jackson
Osceola	Mississippi	240	38	64.4	+ 4.0	86	26	40	13	40	2.50	−1.96	0.86	0.0	7	14	12	4	s.	**Mrs. Ruth H. Douglass**
Ozark	Franklin	396	39	61.4	− 0.8	88	26	36	13	38	4.08	−0.60	2.27	0.0	5	15	3	12	se.	Orkney O. Milton
Paragould	Greene	301	11	...	...	...	...	...	...	...	3.01	...	0.95	0.0	10	20	8	2	se.	**W. R. Heagler**
Parkin	Cross	222	4	...	...	...	...	...	...	...	1.65	...	0.55	0.0	6	14	5	11	...	Carroll King
Patterson	Woodruff	196	18	...	...	...	...	...	...	...	2.27	−3.80	0.77	0.0	6	19	5	6	s.	**W. E. Baker**
Piggott	Clay	307	10	...	...	...	...	...	...	...	2.27	...	0.66	0.0	7	17	8	5	sw.	**V. C. Wright**
Pine Bluff	Jefferson	215	47	65.6	− 2.2	88	4	42	13	32	3.72	−1.79	1.56	0.0	8	12	12	6	sw.	**Miss Theresa Scheu**
Pocahontas	Randolph	300	41	61.0	+ 0.8	86	10	35	29	41	2.18	−2.80	0.82	0.0	7	9	12	9	sw.	**Benedictine Sisters**
Portland	Ashley	122	28	65.8	+ 1.2	88	3†	36	21	39	1.82	−3.41	0.75	0.0	7	11	14	5	n.	**W. E. Edmiston**
Prescott	Nevada	329	46	66.1	+ 2.8	88	23	39	13	37	3.17	−1.99	0.91	0.0	8	10	8	12	s.	Craig Williams
Rison	Cleveland	243	34	67.2	+ 3.4	90	2†	41	21	34	4.41	−0.29	1.20	0.0	7	15	6	9	s.	Mrs. M. V. **Tisdale**
Rogers (near)	Benton	1385	44	60.0	+ 1.6	85	10	32	13	40	2.79	−1.85	0.95	0.0	6	14	7	9	sw.	**Carl A. Starck**
St. Charles	Arkansas	175	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
St. Francis	Clay	290	7	...	...	...	...	...	...	...	1.58	...	0.52	0.0	7	17	6	7	...	S. T. Rooney
Searcy	White	236	24	61.6	− 0.2	85	26	38	21†	39	2.90	−2.33	1.03	0.0	11	19	3	8	sw.	Arthur D. Smith
Story	Montgomery	700	10	...	...	...	...	...	...	...	5.88	...	4.00	0.0	9	17	7	6	n	S. C. Story
Stuttgart	Arkansas	209	47	63.6	+ 1.3	86	3	39	29	35	2.29	−2.82	0.89	0.0	7	17	5	8	ne.	Mrs. Kress Swim
Subiaco	Logan	1050	37	63.3	+ 1.5	89	25	41	13†	40	3.14	−1.54	0.88	0.0	8	16	5	9	sw.	New Subiaco Abbey
Sunset	Washington	2250	3	58.9	...	81	10†	36	13	30	2.75	...	0.78	0.0	9	14	10	6	sw.	Walter James
Texarkana	Miller	332	49	65.5	+ 1.3	87	23	40	29	35	5.42	+0.38	2.02	0.0	8	14	7	9	n.	H. S. Brashear
Thornburg	Perry	650	14	60.4	− 0.1	87[a]	26	30[a]	29	46[a]	4.02	−1.69	1.11	0.0	10	17[a]	8[a]	4[a]	s.	**Edward E. Holmes**
Waldron	Scott	675	15	...	...	...	...	...	...	...	3.40	−2.68	1.24	0.0	7	11	8	11	nw.	**Dr. Cheves Bevill**
Warren	Bradley	206	40	67.8	+ 4.5	89	3	40	29	38	3.35	−2.01	1.35	0.0	6	16	5	9	nw.	**Miss Evelyn Hoyle**
Waters	Montgomery	800	10	...	...	...	...	...	...	...	3.82	...	1.72	0.0	5	10	11	9	sw.	J. R. Huddleston
Wilson	Mississippi	237	9	62.9	...	86	26	37	13	39	2.69	...	0.85	0.0	7	19	7	4	n.	D. O. Anderson
Wynne	Cross	250	26	62.8	+ 1.0	86	26	39	29	37	2.02	−4.03	0.82	0.0	7	12	12	6	s.	R. T. Cobbs
Yancopin	Desha	167	10	...	...	...	...	...	...	...	0.91	...	0.66	0.0	5	9	8	13	...	**W. E. Barton**
State Means				62.7	+1.1	90	2†	29	13	48	3.51	−1.39	4.00	0.0	8	14	8	8	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in Italics partly interpolated.

Daily Precipitation for April, 1934

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita					2.10	.20										.69		.80										.47				4.26
Arkadelphia	Ouachita					2.42	.36	.14									.57	.24	.28	.50	T.				.06				.73				5.30
Arkansas City	Mississippi				T.			.06	.02	T								.46		T.				T.					.03				0.57
Arlberg	White				1.38	.40	1.03										.83	.55	.20									.96					5.35
Batesville	White					1.74	1.55	.21	.06		T.	T.					.49		.23	.39			T					1.04	.07				5.78
Bee Branch	Arkansas				2 30	1.08	1.38		.06		.10	.08					.38	T	.58	.06		T						1.14					7.16
Bentonville***	Arkansas	T.			.76	T.	.13	T			.15			T.	.52		.21										.02	.28					2.07
Big Lake Outlet	St. Francis					1.00		.10	T.			.36					.16			.13			T.	.18				69	T				2.62
Black Rock	White					.60	.62	.31	T.			.08					.19		.25				.10	.06				.68	.06				2.95
Blytheville	St. Francis					.71	T.	.11	.01			59					.16		T	.06				.13				.71	.04				2.52
Booneville	Arkansas	T.			.25	1.47	.12					.03				T.	T	.60										.29					2.76
Brinkley	White					1.07	.42	.12	T.			T.						.49	.11										.13				2.34
Calico Rock	White					68	.90	.15			.20	.07					.30		.12				T.					.40	.08				2.90
Camden	Ouachita					1.74	.87	.03									.45	.05	.01						.05	.10			1.57				4.87
Carthage	Ouachita					2.00	.50	T.				.10					.30	.34	.10	1.08	T.				T.				.76				5.18
Center Point	Red																																....
Clarendon	White					.92	.31	.05				.06						.70	.04	.01									.05				2.14
Clinton	White				1.41	.18	.54	T.			.18	.13					.58	.41	.18				.01					1.09					4.71
Conway	Arkansas				.94	1.39	.41										.32	36										.71					4.13
Corning	White					.34	.55	.08				.22					.11		.11				.17					.50	.15				2.23
Cotter	White					.46	1.14	.16			.22	.16					.25		.20				T.					.43					3.02
Crossett	Ouachita				.04	.05	T.	.05		.25							.38	.05		.20					.10				.35				1.47
Danville	Arkansas					.92	.15	.02	.10		.18	.15					.15		.60									.52					2.79
Dardanelle	Arkansas					1.55	.10	.04	.23		T.	.20					.02		.61	T.								.85	.21				3.81
De Valls Bluff	White				.15	1.36	.35					.02					.59	T.	.02				T.					.07					2.56
Dumas	Mississippi				.22	1.55	.18				T	T.					.70		.08									.15					2.88
Dutton	White				1.85	.65	.07				.33	.25					.26	.68	T.									.75					4.84
El Dorado	Ouachita					.02	.58			.42		.46					.18	.02		.01	.01				.05	.02			.18				1.95
England	Arkansas				1.04	2.56	.10					T.					59	.19	.02	.04								16					4.70
Eureka Springs	White				2.82	.25	.30				.38	.02				.05	.35	.27										.31					4.75
Fayetteville	White	T.			1.27	.58	.08	T.			.53	.07				T.	.76	.54						T.			T.	.24					4.07
Fort Smith***	Arkansas	T.			1.87	.28	.09					.20				.12		1.45	T.					T.			T	.04					4.05
Freeman Sprgs.	Arkansas					1.22	.07	.02			.32	.22					.42		.85									.76	T.				3.88
Fulton	Red			T.	T.	1.12	.25	T.			T						.38	.10		T.					.92	T.			.93				3.70
Georgetown	White					1.62	.84	.03	.08			.04					T.	.43	.13									T.	.16				3.33
Gilbert	White																																..
Grannis	Red	T.			.16	2.78	.75										1.24	.10	.40							T.		T.					5.43
Gravette	Arkansas																																....
Harrison	White				.82	.53	.06				.65	.20				T.	.42	.26										.56					3.50
Helena	Mississippi					1.65		.42										.53		.08									.06				2.74
Higden	White				2.95	1.22	.95				.14						.79		.42	.62								1.09					8.18
Highland	Ouachita				.06												.80		.37	.17								.42					1.82
Hope	Red				.09	1.61	.16										1.07	.05							1.55			.61					5.14
Hot Springs	Ouachita				1.75	1.22											1.45		.20	.37								.39					5.38
Index	Red					1.22	.65	.04			.34						.50	.16		.04					3.25				.66				6.86
Jessieville	Ouachita					1.50	.10	T.	.14		T.						*	.80		.33								.18					3.05
Jonesboro	White					.39	.34	28				.13					.32		.10				.18					.88	.05				2.67
Lead Hill	White				1.10	.22	.10	T.			.18	.05				.01	.21	.16									.01	.30					2.34
Little Rock ***	Arkansas			T.	2.90	1.10	.42	T.	.01		T.	.01				T.	1.10	.07	.04					T.				.16					5.81
Lurton	White																																...
Lutherville	Arkansas				.48	.88	.21				.12	.10					.14	.40	.78									.64					3.75
Madison	St. Francis				.61	.30	.29	.02			T.						T.	.66	T.										T.				1.88
Magnolia	Red				.72	20	.32				.08						2.60								.90			1.00					5.82
Malvern	Ouachita					2 80	1.05										.30	.65	.10	.20								.10	.33				5.53
Mammoth Spg.	White					.48	.61	.20			T.					T.			T.				.30					.38					1.97
Marianna	St. Francis				.90	.12	.13										.68			.03								.02					1 88
Marked Tree	St. Francis					.72	.18	.27	.03								.69	.02		.01				.09				.40	.14				2.55
Marshall	White				.51	.40	.28				60	.75					.75	.10	.18									.85					4.42
Mena	Ouachita					1.86	.72	.01	.10								.47	T.	.15	33								.04					3 68
Morrilton	Arkansas					1.71	.28	.12	.04		.04	.14						.06	.40									.44	.24				3.47
Mountain Home	White				.30	1.00	.10	T			.30						.25	T.					.12					.28					2.35
Mount Ida	Ouachita				1.35	.88	.08										1.08		.75														4.14
Newport	White					1.03	.77	.06	.03								.50		.16									.89	.26				3.70
Norman	Ouachita					.95	.45		.23			T.					.72	.13		.04								T.	.28				2.80
Oden	Ouachita					1.46	.46		T.								.83	.03	.48	.77								.15	T				4.18
Okay	Red				.09	1.10	.26										.50	.40	.30	.30				55				.32					3.82
Osceola	Mississippi					.86		.16				.46					.46			.05			.26						.25				2.50
Ozark	Arkansas		T.	T.		2.27	.65	T.									.03		.97							T.		.16					4.08
Paragould	St. Francis					.95	.41	.11				.12					.23		.20				.10	.03				63	.23				3.01
Parkin	St. Francis					.55	.20	.24									.20	.21										T.	.25				1.65
Patterson	White				.05	.77	.50	.12									.38											.45					2.27
Piggott	St. Francis				.66	.07	.26					.39							.02				.40					.47					2.27
Pine Bluff	Arkansas					1.56	.48	.01				.04					.03	.57		.45								T.	.58				3.72
Pocahontas	White				.10	.30	.82										.20		.10				.18					.48					2.18
Portland	Ouachita					.11	T		.27	.40								.20	T.	.04	.05								.75				1.82
Prescott	Ouachita					.51	.48	.23									.50	.13		.19					.22				.91				3.17
Rison	Ouachita					1.10	.30				.15						.66			1.00								*	1.20				4.41
Rogers (near)	White				.95	.42					.34						.62	.26									T.	.20					2.79
St. Charles	White																																..
St. Francis	St. Francis					.42	.10	T.	.14			.12					.12		T.				T.					.52	.16				1.58
Searcy	White					1.03	.49	.24	.04			.05					.11	.08	.37	.02								.19	.28				2.90
Story	Ouachita					4.00	.18	.42				.10					*	.46	.35	.11									.26				5.88
Stuttgart	Arkansas					.85	.24	.06	.05									.89		.08									.12				2 29
Subiaco	Arkansas				.75	.88	.04				.27	.11						.70	.01									.38					3.14
Sunset	Arkansas	T.			.78	.65	.12	.01			.07	.02				T.	.34	.42	T.					T.				.34					2.75
Texarkana	Red					.88	1.47				.15						.12	.39		.11					.28	T.			2.02				5.42
Thornburg	Arkansas	T.			1.11	1.10	.21		.16		T.	.03					.57	.02	.17	.03								.62					4.02
Waldron	Arkansas				.42	1.24	.22					T.				T.	.22	1.10	.07									.13					3.40
Warren	Ouachita				1.35	.20	.25					.75					.45				T.								.35				3.35
Waters	Ouachita					1.72	.22										.68		.24	.96													3.82
Wilson	Mississippi					.85		.23				.30					.73	.03					.30				.25					2.69
Wynne	St. Francis					.82	.34	.16				.11					.15	.18										T.	.26				2.02
Yancopin	Arkansas					.03		.02										.66		.02									.18				0.91

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	8.0	6.8	6.6	6.1	7.1	8.2	9.5	10.8	10.0	8.7	7.8	7.4	7.0	6.8	6.8	6.8	6.8	5.8	5.7	5.5	5.8	5.7	5 5	5.5	5.0	4.8	4.7	4.7	4.7	4.1	
Calico Rock	do	18	7.7	7.7	6.1	5.4	5.0	10.3	10.1	9.6	9.7	8.3	7.3	6.8	6.3	5.8	5.5	5.2	4.9	4.9	4.7	4.8	4.7	4.5	4.3	4.0	3.7	3.4	3.1	3.0	3.1	2.7	
Batesville	do	23	15.1	13.4	12.2	11.6	13.0	16.2	18.7	17.1	17.1	15.9	14.3	13.1	12.7	12.0	11.6	11.2	10.7	10.5	10.4	10.2	10.3	10.1	9.8	9.5	9.3	8.7	8.7	8.8	8.2	8 4	
Newport	do	26	24.3	23.2	21.8	20.3	19.3	19.4	21.5	22.1	22.0	22.0	21.3	20.1	18.8	17.5	16.0	14.7	13.6	12.4	11.8	11.0	10.5	10.0	9.4	8.8	8.0	7.5	6.8	6.5	6.3	5.8	
Georgetown	do	21	24.5	24.4	24.1	23.8	23.5	23.4	23.4	23.4	23.3	23.1	23.0	22.8	22.6	22.3	22.0	21.6	21.2	20.8	20.3	19.7	19.1	18.4	17.4	16.4	15.5	14.5	13.3	12.4	11.8	11.4	
Clarendon	do	26	28.5	29.0	29.3	29.5	29.7	29.8	29.8	29.8	29.7	29.6	29.5	29.4	29.3	29.1	28.9	28.7	28.5	28.2	27.9	27.6	27.4	27.1	26.8	26.4	26.1	25.7	25.2	24.6	24.0	23.4	
Black Rock	Black	14	13.7	13.4	12.6	10.8	10.7	12.8	13.9	13.4	12.4	11.7	10.9	9.8	8.7	7.8	7.5	7.0	6.6	6.3	5.9	5.9	5.6	5.2	4.8	4.6	4.4	4.3	4.0	3.8	3.7	3.6	
Arkadelphia	Ouachita	12	4.2	3.4	3.4	3.2	10.4	12.6	10.2	9.0	5.2	5.4	5.8	5.4	3.6	3.0	3.0	2.6	4.2	3.6	4.0	4.4	3.8	3.2	3.0	3.0	2.8	2.8	2.8	2.6	2.6	2.0	
Camden	Ouachita	26	33.0	31.9	30.2	27.7	25.3	25.8	27.9	29.6	30.6	30.7	29.8	28.7	26.9	24.8	21.2	18.2	16.8	16.8	17.4	17.7	18.6	18.9	17.8	15.9	14.2	12.9	11.9	11.7	11.5	11.6	
Fulton	Red	25	15.6	15.0	14.0	12.6	11.7	12.0	15.7	19.1	20.6	21.0	20.4	19.4	18.8	18.0	16.9	15.7	14.6	13.9	13.9	13.9	13.3	13.0	12.8	12.5	12.0	10.9	10.3	9.8	9.3	9.3	
Helena	Mississippi	41	31.9	33.1	34.2	35.0	35 7	36.3	36.7	36.9	36.9	36.4	35.4	33.7	31.4	29.1	26.8	25.1	23.7	22.8	22.4	22.3	22.1	22.1	21.9	21.7	21 5	21.4	21.4	21.4	21.6	21.7	
Arkansas City	do	42	32.2	33.0	33.9	34.7	35.5	36.2	36.7	37.4	38.0	38.6	39.0	39.0	38.6	37.8	36.6	35.2	33.8	32.4	31.1	30.1	29.3	28.7	28.2	27.6	27.1	26.7	26.3	25.9	25.5	25.4	

Daily temperatures for April, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	72	77	85	83	70	76	66	77	82	81	80	62	71	77	77	65	80	64	75	..	75	83	86	80	75	86	67	72	77	68		75.5
	Minimum	38	56	57	65	57	56	56	56	44	46	57	49	37	37	49	57	52	53	54	47	..	40	50	55	54	52	53	42	40	50		50.3
Batesville §§	Maximum	71	77	81	72	74	64	61	74	79	89	74	60	65	76	76	68	74	82	77	60	67	75	80	72	71	84	61	66	73	69		72.4
	Minimum	42	45	43	53	54	58	52	51	43	46	60	44	35	37	42	53	40	45	55	40	36	39	41	45	39	48	48	36	35	44		45.0
Bee Branch	Maximum	74	77	82	81	70	70	76	72	80	84	84	70	78	77	76	72	71	77	78	68	71	80	83	77	71	87	85	67	72	73		76.1
	Minimum	52	52	64	57	58	59	51	53	47	53	62	45	41	42	51	51	48	54	59	45	42	45	46	56	49	47	48	41	39	42		50.0
Bentonville ***	Maximum	67	73	79	78	65	56	55	70	78	83	71	54	63	75	67	67	60	71	62	57	66	70	78	61	72	81	58	68	75	76		68.5
	Minimum	52	47	66	59	54	47	40	39	51	57	48	42	36	47	48	47	51	51	47	40	41	53	46	47	43	56	44	39	44	50		47.7
Blytheville	Maximum	78	80	83	85	82	74	62	71	79	84	73	56	62	80	77	63	77	81	71	61	62	71	82	69	69	85	68	63	74	71		73.1
	Minimum	52	51	62	59	61	58	52	51	48	55	56	41	40	41	53	53	42	54	59	43	41	45	47	55	37	49	47	38	38	47		49.2
Booneville	Maximum	76	78	83	83	64	66	65	73	81	85	85	65	67	75	75	71	67	70	70	63	72	76	88	80	74	80	80	72	72	75		74.4
	Minimum	53	50	70	62	57	54	49	45	48	55	59	48	38	44	54	55	53	55	54	46	38	47	43	55	50	55	53	40	42	49		50.7
Brinkley	Maximum	79	81	86	79	82	78	69	72	81	83	79	67	67	80	77	69	72	79	74	70	70	81	86	76	73	87	80	67	..	69		76.3
	Minimum	54	54	61	60	59	55	54	52	49	54	64	45	40	42	51	54	46	55	62	45	38	45	46	58	46	46	49	44	36	45		50.3
Calico Rock§§	Maximum	76	80	84	71	75	62	59	73	83	88	72	57	65	79	78	67	75	78	70	60	65	75	87	71	73	88	62	68	75	75		73.0
	Minimum	40	43	50	52	55	55	50	50	42	51	58	44	35	37	44	51	42	50	50	40	37	40	40	49	36	47	50	36	37	42		45.1
Camden§§	Maximum	76	80	80	82	76	72	70	78	81	80	84	65	71	72	79	67	79	84	76	65	75	83	86	80	76	81	67	70	80	68		76.1
	Minimum	49	56	61	62	58	58	57	58	52	55	61	51	43	48	49	53	56	57	58	48	42	54	53	57	56	51	60	45	39	50		53.2
Carthage §§	Maximum	76	79	86	83	77	71	65	75	81	81	81	62	71	79	77	61	75	81	74	63	74	81	86	76	74	86	64	68	74	68		75.0
	Minimum	43	54	57	57	58	56	37	54	48	52	55	49	42	45	52	54	51	53	58	45	39	48	51	53	52	48	53	43	36	46		49.6
Conway	Maximum	76	82	87	86	72	70	68	75	83	88	84	72	70	80	79	68	71	79	77	76	72	83	87	83	71	88	73	68	75	71		77.1
	Minimum	53	53	67	61	59	59	55	53	49	55	62	47	38	44	52	55	48	56	58	48	39	47	48	59	48	48	49	40	39	48		51.2
Corning	Maximum	74	81	83	85	78	74	60	73	79	85	80	58	62	78	78	71	77	81	74	69	63	70	82	75	72	87	81	67	75	71		74.8
	Minimum	49	46	63	58	59	57	51	49	45	56	58	40	36	37	57	51	42	52	57	44	41	43	45	52	36	47	49	36	35	46		47.9
Crossett §§	Maximum	81	82	88	82	83	75	73	68	82	81	87	67	71	75	78	71	79	86	73	67	76	81	82	80	75	85	72	67	65	67		77.0
	Minimum	52	59	61	63	64	61	56	54	50	58	63	52	38	42	54	60	56	58	61	49	40	50	58	61	54	51	62	48	39	45		54.0
Dardanelle	Maximum	77	80	87	84	66	73	70	76	85	89	85	68	69	81	78	72	69	79	76	69	72	81	87	78	72	90	84	69	75	75		77.2
	Minimum	48	53	68	60	57	55	52	52	49	58	62	48	40	45	54	54	53	54	59	45	40	50	45	59	52	49	51	43	40	51		51.5
Dumas	Maximum	81	82	89	81	83	72	70	76	85	83	83	68	72	80	77	71	77	87	74	65	76	83	84	86	75	83	76	69	76	67		77.7
	Minimum	50	56	65	63	61	61	58	57	53	57	53	48	40	46	54	56	50	57	55	47	40	48	54	54	53	51	50	47	37	49		52.3
Dutton	Maximum	71	74	80	75	59	66	64	72	77	81	73	55	64	70	69	68	66	72	66	55	67	72	78	69	70	82	75	71	72	72		70.2
	Minimum	50	40	63	55	51	45	43	38	40	42	49	39	29	38	51	44	46	45	44	37	34	41	34	41	37	48	44	31	33	45		42.6
El Dorado	Maximum	77	81	87	82	79	74	73	72	81	81	85	80	71	76	78	76	79	85	76	74	75	82	84	79	76	85	78	69	77	74		78.2
	Minimum	49	57	68	68	60	60	57	59	52	59	63	52	42	49	53	61	55	60	60	58	42	55	62	64	55	56	49	47	42	53		55.7
England	Maximum	78	80	..	85	78	68	66	72	80	84	81	71	69	79	76	70	74	76	73	..	70	80	85	81	72	87	82	68	70	71		75.9
	Minimum	55	58	..	62	60	55	55	55	53	56	65	46	40	48	54	54	49	56	60	..	41	50	51	59	48	51	48	45	39	46		52.1
Eureka Springs	Maximum	71	78	81	79	63	59	57	72	79	84	78	55	63	75	67	66	62	74	67	58	65	71	79	72	74	82	73	70	80	79		71.1
	Minimum	56	52	66	58	57	50	44	40	52	56	53	41	36	48	58	46	52	50	52	38	38	56	49	47	43	55	43	39	45	51		49.9
Fayetteville	Maximum	68	73	75	77	63	63	56	70	74	80	80	57	62	70	69	65	64	70	68	58	66	71	73	73	73	79	77	70	72	74		69.7
	Minimum	56	46	66	59	56	52	46	37	50	52	57	42	35	49	55	47	53	48	51	39	37	52	45	47	43	57	46	37	44	50		48.5
Fort Smith***	Maximum	74	79	84	81	68	68	65	73	84	87	74	59	67	80	73	69	63	71	71	62	71	76	84	75	72	87	71	69	77	77		73.7
	Minimum	54	55	70	59	58	53	50	48	53	60	45	46	42	49	59	53	54	56	55	48	45	51	50	58	53	54	51	45	46	52		52.4
Grannis	Maximum	75	77	83	78	68	75	68	75	80	82	78	78	72	75	72	70	72	76	76	65	75	84	85	80	79	85	75	75	75	72		76.0
	Minimum	46	45	64	56	55	55	54	60	44	52	50	48	33	39	48	44	51	55	55	40	34	44	45	58	50	46	53	38	36	43		48.0
Helena	Maximum	79	75	85	85	83	78	68	71	80	80	80	66	65	79	69	63	76	80	72	67	66	79	85	73	71	85	78	67	74	67		74.9
	Minimum	54	58	62	60	60	58	55	52	51	57	62	37	36	46	54	54	48	54	60	41	40	48	52	58	50	52	49	45	38	48		51.3
Highland	Maximum	76	78	88	78	76	78	85	89	84	80	75	70	73	75	77	83	71	70	72	70	74	76	78	82	88	85	87	73	78	76		78.2
	Minimum	50	43	65	69	59	57	58	55	53	52	51	50	43	48	52	50	52	51	49	46	44	48	50	55	44	54	48	43	44	43		50.9
Hope	Maximum	80	80	87	83	73	78	76	76	82	83	84	78	71	78	80	70	76	84	76	65	..	..	87	80	78	86	76	69	75	77		78.1
	Minimum	50	56	66	62	57	58	54	54	47	60	59	49	38	47	53	54	54	55	56	49	..	..	45	57	54	52	47	44	42	41		52.1
Hot Springs	Maximum	72	80	85	83	68	77	72	79	83	84	83	75	72	79	79	76	75	80	78	75	74	83	89	86	77	88	85	74	80	75		78.9
	Minimum	56	54	66	61	56	55	55	54	49	61	63	48	43	54	57	52	53	55	58	46	44	54	50	60	51	53	49	41	39	50		52.9
Jonesboro	Maximum	78	82	85	84	81	75	63	72	83	85	78	61	64	76	77	68	76	80	75	66	64	74	82	76	69	86	79	63	74	68		74.8
	Minimum	51	51	61	60	61	59	52	51	54	59	61	43	40	43	56	53	47	56	60	46	43	47	49	55	46	50	48	41	40	48		51.0
Lead Hill	Maximum	72	82	87	85	70	61	62	74	85	88	74	58	64	81	75	71	71	77	67	59	69	72	85	70	75	88	73	73	81	82		74.4
	Minimum	39	38	64	51	55	51	48	40	40	51	56	43	34	35	54	48	44	49	49	39	37	41	39	46	36	50	47	33	33	41		44.4
Little Rock.* **	Maximum	71	78	83	72	71	67	64	70	80	82	77	58	67	78	74	65	68	73	73	61	69	79	82	72	68	86	70	66	72	67		72.1
	Minimum	56	57	67	60	59	57	54	54	50	57	57	46	40	48	57	52	52	57	56	45	41	51	54	61	52	53	47	45	46	52		52.8
Lutherville	Maximum	73	77	83	77	63	68	66	71	82	84	79	62	69	77	74	73	69	72	70	61	69	78	80	73	70	87	79	69	71	72		73.3
	Minimum	52	54	66	59	56	55	49	49	48	56	59	45	38	45	54	50	52	53	58	44	40	47	48	55	48	49	49	39	39	50		50.2
Magnolia	Maximum	79	80	86	85	75	73	71	75	81	81	85	80	69	78	80	72	78	84	76	74	73	81	86	84	73	84	83	67	75	71		78.0
	Minimum	64	60	68	65	59	60	57	58	52	59	64	51	37	49	56	61	56	58	60	45	39	55	59	62	56	57	49	47	43	51		55.2
Malvern	Maximum	72	80	85	78	71	75	69	77	82	83	83	75	73	81	79	77	74	81	77	71	76	84	87	81	74	87	83	71	76	71		77.8
	Minimum	53	53	66	58	56	55	55	55	45	51	62	50	35	44	52	54	51	54	58	41	39	45	48	62	52	47	50	41	37	47		50.5
Mammoth Spring	Maximum	75	78	84	82	74	72	57	72	82	85	81	63	65	78	76	76	80	84	80	68	65	78	82	79	70	81	78	67	77	78		75.6
	Minimum	42	47	56	55	52	56	50	46	42	56	54	41	39	36	56	49	46	54	48	46	42	46	42	51	38	50	48	38	36	42		46.8
Marianna	Maximum	81	80	85	85	83	82	71	72	79	80	80	71	65	79	78	79	78	78	77	72	67	79	84	82	72	85	84	68	70	70		77.2
	Minimum	54	55	54	62	61	60	56	52	51	57	61	47	43	47	48	47	49	57	64	48	42	45	47	60	50	54	51	46	40	45		51.8
Marked Tree§§	Maximum	78	80	85	85	81	69	63	70	81	84	75	58	64	78	74	62	76	81	72	60	64	74	83	70	71	86	58	65	75	65		72.9
	Minimum	47	51	63	57	60	61	52	52	51	53	60	43	41	41	50	52	47	50	59	46	40	41	47	48	44	45	47	41	39	41		49.0
Marshall	Maximum	71	74	77	77	60	57	58	71	76	80	78	60	63	71	71	68	61	71	71	61	64	69	81	79	64	83	82	73	71	72		70.5
	Minimum	53	46	65	56	55	54	46	44	44	54	54	41	36	39	53	47	47	49	50	40	31	47	41	50	38	54	45	34	37	48		46.6
Mena	Maximum	76	75	83	78	66	73	69	75	81	82	76	62	71	77	75	68	68	75	71	59	71	79	85	77	68	85	75	73	79	77		74.4
	Minimum	55	55	66	66	55	54	49	45	49	61	61	47	34	50	53	53	52	56	57	48	38	54	45	59	52	51	52	43	39	46		51.5
Morrilton §§	Maximum	71	76	80	72	68	67	62	71	80	84	74	58	65	75	73	65	66	78	73	60	69	79	85	71	69	84	61	64	70	68		71.3
	Minimum	43	54	58	63	58	58	52	52	51	56	60	48	44	45	49	54	50	53	56	49	45	47	49	53	50	51	55	42	41	51		51.2
Mountain Home	Maximun.	73	79	84	76	73	60	59	72	81	85	74	58	63	80	76	66	74	75	70	60	66	75	83	71	74	86	72	70	77	77		73.0
	Minimum	47	46	64	57	53	52	47	45	45	55	56	41	36	38	55	47	45	50	54	40	40	43	41	49	39	49	46	36	36	48		46.7
Mount Ida	Maximum	75	78	84	81	65	75	66	76	81	84	81	66	72	77	76	70	71	78	75	64	75	83	87	79	73	87	77	73	76	70		75.8
	Minimum	44	49	68	62	54	52	48	52	40	49	59	47	30	38	51	53	47	53	54	37	34	44	41	54	43	46	50	34	30	40		46.8
Newport	Maximum	75	79	83	78	75	74	61	71	79	83	78	64	66	78	79	71	73	78	75	65	65	77	83	74	72	86	80	64	73	67		74.2
	Minimum	57	52	67	58	60	60	53	53	50	58	56	46	43	42	53	54	46	57	60	47	42	46	45	57	45	51	49	43	39	48		51.2
Okay	Maximum	75	80	87	83	71	77	74	78	82	83	85	77	77	82	80	73	70	72	77	75	74	82	86	85	85	85	83	79	75	74		78.9
	Minimum	53	55	67	70	57	57	56	55	48	61	60	39	42	54	50	49	49	48	49	36	44	57	54	52	52	50	50	44	40	45		51.4
Ozark§§	Maximum	76	78	84	80	62	70	63	75	84	87	76	60	70	79	70	70	66	75	75	62	71	79	82	76	70	88	69	70	75	75		73.9
	Minimum	41	52	58	60	57	54	50	47	46	51	60	47	36	42	47	52	53	53	57	44	39	45	44	48	47	50	55	41	43	49		48.9
Pine Bluff	Maximum	79	81	87	88	82	70	66	72	83	84	80	70	71	81	76	70	74	77	73	67	74	82	85	78	71	86	77	66	73	68		76.4
	Minimum	56	57	67	65	61	58	57	56	57	60	67	50	42	53	56	55	51	58	63	49	44	52	54	63	54	54	49	44	43	49		54.8
Pocahontas	Maximum	76	79	81	81	76	76	60	71	78	86	80	64	63	77	77	75	75	81	80	66	64	74	83	79	69	84	82	67	74	69		74.9
	Minimum	44	45	63	55	55	55	49	45	43	55	60	41	37	36	55	50	45	54	56	43	40	41	43	52	40	46	47	37	35	45		47.1
Portland	Maximum	84	85	88	83	84	76	71	69	82	81	84	77	70	82	78	78	79	83	76	68	74	83	84	79	75	88	81	67	73	72		78.5
	Minimum	52	54	65	62	62	60	58	55	50	56	59	50	40	45	55	55	55	58	61	46	36	47	56	63	55	49	52	47	40	50		53.1
Prescott	Maximum	74	80	87	84	76	75	72	78	83	84	84	79	72	78	80	77	77	84	79	74	75	83	88	85	78	87	84	71	76	72		79.2
	Minimum	53	57	67	64	57	58	55	55	49	58	62	50	39	48	53	58	54	56	59	48	40	52	54	61	55	50	49	44	42	44		53.0
Rison	Maximum	89	90	87	90	82	74	71	77	83	82	83	79	72	80	84	82	78	89	76	73	75	83	87	83	76	86	81	70	76	73		80.4
	Minimum	59	58	57	58	69	59	57	56	56	60	64	49	42	51	55	55	52	58	61	46	41	53	53	64	54	54	48	43	43	49		54.1
Searcy	Maximum	74	78	83	75	73	67	64	72	79	82	77	62	68	77	76	69	73	77	74	66	69	80	82	73	69	85	80	65	73	69		73.7
	Minimum	49	50	64	57	59	56	52	52	47	54	61	45	40	44	51	52	46	54	57	45	38	41	46	58	47	46	47	42	38	46		49.5
Stuttgart	Maximum	78	80	86	78	80	77	69	71	80	78	80	74	68	79	78	65	73	75	74	72	68	78	84	80	71	85	82	67	74	67		75.7
	Minimum	52	54	62	59	59	55	56	54	50	55	56	46	40	44	52	56	49	56	61	47	40	46	52	59	50	50	57	46	39	47		51.6
Sunset	Maximum	68	71	78	75	60	56	59	70	76	81	74	55	62	70	66	69	65	69	64	55	65	68	78	67	69	81	73	69	73	71		68.6
	Minimum	55	55	62	56	54	51	43	46	54	54	55	39	36	51	53	44	50	51	50	39	39	54	51	48	46	55	44	45	43	54		49.2
Texarkana	Maximum	74	80	85	83	75	78	70	72	83	83	83	77	72	75	80	75	72	83	77	72	76	83	87	83	75	85	73	70	75	72		77.6
	Minimum	52	57	65	69	62	56	52	52	50	52	60	48	48	46	47	53	56	56	57	50	45	53	55	60	56	53	57	45	40	50		53.4
Thornburg	Maximum	73	78	81	75	64	68	64	72	81	84	76	62	66	78	75	66	67	77	73	63	71	..	86	78	71	87	75	68	75	73		73.3
	Minimum	52	49	66	55	55	52	52	54	40	55	57	45	37	36	51	50	46	55	58	39	34	..	40	52	43	52	47	33	30	46		47.6
Warren	Maximum	86	83	89	82	77	75	76	77	85	83	85	79	76	77	80	72	50	86	81	77	79	84	88	85	76	88	87	81	76	74		80.8
	Minimum	56	55	67	62	61	60	59	57	55	58	63	51	41	43	56	59	53	59	62	50	41	54	56	64	55	56	49	47	40	53		54.7
Wilson	Maximum	79	80	83	84	82	80	67	76	80	83	82	67	64	78	76	74	71	80	80	70	63	71	83	81	71	86	85	62	74	66		75.9
	Minimum	51	54	62	60	59	60	51	46	52	52	61	40	37	42	53	53	43	55	59	42	39	48	46	54	41	47	48	41	48	53		49.9
Wynne	Maximum	79	80	84	83	82	77	67	70	81	83	76	62	65	80	76	66	74	81	71	63	64	76	83	73	70	86	77	65	75	65		74.5
	Minimum	54	55	64	62	60	60	54	53	50	55	54	44	42	45	52	50	48	51	62	43	40	48	46	57	46	56	50	43	39	47		51.0

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 5-24-34-1000

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

ol. XXXIX   Little Rock, Ark., May, 1934   No. 5

GENERAL SUMMARY

Though the mean temperature for the State has been exceeded many times during the past 44 years, the maximum of 103° nas been exceeded only once and that in 1926 when 107° was eported at Newport. Temperatures were below normal for hree or four days during the middle of the month and later rom the 25th to the 28th, while they were above normal in nost sections the remainder of the time. The warmest weather occurred either the 30th or 31st, a number of stations reporting the highest temperature ever recorded for May on the 31st. The mean temperature for the State, based on the reports of 58 stations, was 70.3° which is 1.2° above the mean for the past 44 years. Of the stations for which normals have been omputed, only two had negative departures. Monthly means ranged from 64.1° at Dutton to 73.5° at Osceola. The highest emperature reported was 103° at Camden, Hot Springs, and Subiaco on the 31st; the lowest, 35° at Dutton on the 27th and 28th. Light frost was reported at Story as late as the 26th. Strong northwest winds again brought dust from the Plains States on the 10th, a number of stations in northern Arkansas eporting the sun nearly obscured.

Rainfall was heavy in many sections from the 3d to the 6th and again on the 15th or 16th, while showers were locally neavy on the 24th and 31st. The average precipitation for the State for the 86 stations reporting was 3.36 inches which is 1.63 inches below the mean for the past 44 years. Only three stations with records of 10 years or more had positive deparures. Monthly totals ranged from 1.12 inches at Corning to 5.72 inches at Norman. The greatest amount measured in any 24-hour period was 3.79 inches at Jonesboro on the 15th.

A series of hailstorms and windstorms occurred on the 4th n Little River, Lafayette and Columbia counties. Hail stones as large as 2 1-2 inches in diameter, driven by the wind damaged crops and buildings over a large area. About 20 people were injured and damage to crops and property was $218,200.

The weather was generally favorable for cotton during the nonth except in localities where soil moisture was deficient. Some early cotton had to be replanted, but late cotton stands are excellent. Cultivation and chopping were well under way by the close of the month. The soil was too dry in some sections for corn but the crop is generally in good condition and the fields are clean.

T.A.M.

Miscellaneous Data

Atlanta, 4th, heavy hail, severe damage to crops, $1,200 damage to ouildings. Southern half of Little River County, 4th, windstorm and nailstorm, 15 people injured, $50,000 damage to crops and buildings. McNeil, 4th, windstorm, $1,000 damage to buildings. Stamps, 4th, windstorm and hailstorm, 2 people injured, severe damage to crops, 6,000 damage to buildings. Stephens, 4th, windstorm and hailstorm, one person injured, $90,000 damage to crops and buildings. Waldo, 4th, windstorm and hailstorm, 2 people injured, $70,000 damage to crops and buildings. DeRoche, 6th, windstorm, several buildings unroofed, timber damaged, loss $1,500. Health, 23d, heavy hail, no report on damage. Levy, 31st, heavy hail, considerable damage to gardens and truck crops.

Killed by Lightning, Providence, 24th, one.

Moderate Hail: El Dorado and Hope, 4th, no report on damage; England, 30th, slight damage.

Correction: April, 1934

Maximum temperature at Osceola should be 88o on 26th.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	1	.	.	.	.	2	.	.	.	.	.	.	1	.	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	2	3	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	.	.	.	.	.	.	2
Moderate Hail	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.
Heavy Hail	.	.	.	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1
Thunderstorms	.	.	2	24	22	13	1	.	.	10	.	.	1	19	17	2	.	.	1	12	22	10	9	17	2	1	.	.	1	3	8

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29 98	30.22	10	29 67	30	5.1	18	s	3†	....		....	84
Fort Smith	29 96	30.23	1	29.68	30	6.8	27	se	4	77	46	50	66
Little Rock	29 98	30.29	1	29.69	30	7.1	31	sw	31	71	49	54	80
Memphis	29 98	30 32	1	29.63	30	6.1	27	w	21	68	44	49	84

COMPARATIVE DATA FOR MAY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	−2.1	97	36	2.78	−2.21	5 61	0.55	0.0	7	15	9	7
1892	67.8	−1.3	95	36	9.52	+4.53	15.80	3 71	0 0	13	8	11	12
1893	68.6	−0.5	94	38	9.71	+4.72	19.88	5 21	0.0	11	14	8	9
1894	70.1	+1.0	95	35	3.40	−1.59	9.41	0.38	T.	7	12	12	7
1895	69.0	−0.1	97	36	3.91	−1.08	7.23	1.16	0.0	8	13	11	7
1896	74.3	+5.2	98	46	3.54	−1.45	8.35	0.76	0.0	7	15	10	6
1897	68.3	−0.8	99	33	2.13	−2.86	7.47	0.34	0.0	5	17	9	5
1898	72.1	+3.0	100	30	6.44	+1.45	14 28	1 22	0.0	7	16	9	6
1899	72.9	+3.8	96	44	6.45	+1.46	13.36	2.37	0.0	10	10	12	9
1900	69.3	+0.2	97	37	3.69	−1.80	6.06	1.92	0.0	9	12	12	7
1901	68.2	−0.9	100	31	2.95	−2.04	7.85	0.49	0.0	7	12	13	6
1902	73.2	+4.1	100	42	4.34	−0.65	8.44	1.73	0.0	8	12	12	7
1903	67.5	−1.6	96	24	7.47	+2.48	14.88	2.34	0.0	12	9	11	11
1904	67.1	−2.0	98	31	3.39	−1.60	6.08	1.39	0.0	8	13	12	6
1905	70.7	+1.6	98	38	9.58	+4.59	23.50	4 92	0.0	12	9	11	11
1906	68.8	−0.3	100	28	4.71	−0.28	10.31	0.71	0.0	8	15	8	8
1907	63.8	−5.3	91	31	9.48	+4.49	12.86	5 61	0.0	18	7	13	11
1908	70.0	+0.9	96	30	7.05	+2.06	12.54	1.76	0.0	10	8	13	10
1909	67.0	−2.1	92	28	6.76	+1.77	10.64	4.03	0.0	10	14	9	8
1910	66.0	−3.1	95	31	6.56	+1.57	10 39	4.02	0.0	11	12	10	9
1911	70.8	+1.7	101	26	1.11	−3.88	2.08	0.22	0 0	3	19	10	2
1912	69.9	+0.8	98	32	2.41	−2.58	6 16	0 50	0.0	6	15	11	5
1913	69.3	+0.2	99	35	3.32	−1.67	7.30	0.30	0.0	7	16	10	5
1914	69.5	+0.4	97	34	3.34	−1.65	6.92	1.02	0.0	6	12	13	6
1915	69.9	+0.8	101	34	5.58	+0.59	11.15	1.08	0 0	9	12	9	10
1916	71.6	+2.5	99	34	3.56	−1.43	7.76	1.02	0.0	6	18	7	6
1917	63.5	−5.6	97	31	3.15	−1.84	8.52	0.33	0.0	6	15	7	9
1918	72.2	+3.1	102	29	3.01	−2.98	10.50	0.15	0.0	4	17	8	6
1919	66.8	−2.8	96	38	6.01	+1.02	11.15	1.82	0.0	12	9	9	13
1920	70 8	+1.7	96	39	8.17	+3 18	15.32	2.12	0.0	12	11	9	11
1921	69.7	+0.6	99	29	2.25	−2 74	5.49	0.00	0.0	5	18	8	5
1922	70.8	+1.7	100	40	5.00	+0.01	12.69	1.57	0.0	11	12	10	9
1923	67.2	−1.9	98	27	8.24	+3 25	14.26	3.55	0.0	12	11	8	12
1924	64.6	−4.5	94	30	4.64	−0.35	7.86	2.44	0.0	8	15	8	8
1925	68.0	−1.1	102	26	1.88	−3.11	5.58	0.25	0.0	4	17	7	7
1926	69.7	+0.6	107	29	2.42	−2.57	6.18	0.48	0.0	5	17	8	6
1927	71.7	+2 6	97	32	6.51	+1.55	14 03	1.68	0.0	9	12	9	10
1928	69.5	+0.4	98	34	3.60	−1.39	7.35	0.99	0.0	8	17	7	7
1929	67 6	−1.5	97	30	6.31	+1.32	11.52	1.98	0.0	13	9	9	13
1930	68.8	−0.3	95	37	10.06	+5.07	18.51	3.86	0.0	12	14	7	10
1931	65.2	−3.9	96	27	3.45	−1.54	6.18	0.74	0.0	8	15	7	9
1932	69.5	+0.4	96	35	1.96	−3.03	5.01	0.28	0.0	5	16	9	6
1933	71.8	+2.7	96	41	6.27	+1 28	12.40	2.30	0.0	10	14	7	10
1934	70.3	+1.2	103	35	3.36	−1.63	5.72	1.12	0.0	7	18	8	5
Period	69.1	......	107	24	4.99	......	23.50	0.00	T.	8	13	10	8

Daily River Stages for May, 1934

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	Arkansas	22	5.8	5.7	5.4	5.8	7.4	11.8	12.8	13.9	13.0	10.6	9.1	8 3	7.8	7.7	7.3	6.9	6.6	6.4	7.8	10.5	10.5	9.1	7 9	7.3	6.8	7 1	6.4	6.0	5.8	5.5	5.3
zark	do	22	1.7	1.5	1.4	1.4	2.1	5.2	8 4	9.8	9.8	8.0	5.8	4.6	3.8	3 3	3.2	2.9	2 4	2.2	2 1	4.1	6 3	5.8	4.3	3 3	2.9	2.4	2.4	1.9	1.6	1.3	1.1
ardanelle	do	22	5.0	4.9	4.8	4.8	4.9	5.5	8 9	11.0	11.9	11.6	9.8	8.1	7.1	6.4	6.1	6.0	5.7	5.4	5.2	5.1	6.9	8.6	8.0	6.8	6.0	5.7	5.3	5.3	4.9	4 7	4.5
orrilton	do	20	1.2	1.0	0.8	0.7	0.8	1.2	3.3	7.6	9.0	9.4	7.9	5.9	4.4	3.4	2.8	2.5	2 2	1.8	1.4	1.1	1.5	4.7	5.4	4.2	3.0	2.2	1.8	1.5	1 3	0.7	0.4
ittle Rock	do	23	1.7	1.4	1.1	1.0	0.9	1.1	1.7	5.0	8.2	9.3	9.0	7.3	5.6	4.3	3.4	3.0	2.7	2.4	1.9	1.5	1.2	1.8	4.7	5.1	4.0	2.9	2.2	1 7	1.4	1.3	0.7
ine Bluff	do	25	6.7	6.3	6.0	5.9	5.7	5.7	5.9	6.3	9.9	12 7	13.7	12.9	11.3	9.7	8.7	7.9	7.4	7.3	6.9	6.6	6.1	5.9	6.6	9.0	9.2	8.1	7.1	6.6	6 1	5.9	5 7
anville	Petit Jean.	20	3.2	3.0	3.0	3.0	6.4	13.1	16.5	14.3	12.1	8.4	5.6	5.5	5 2	4.4	4.1	4.0	3.8	3.6	3.4	3.1	3.5	4.6	8.4	6.3	5 0	4.2	3.8	3.5	3.3	3.2	3.0

Climatological Data for May, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	70.4[a]	+ 1.1	98[a]	31	48[a]	1	39[b]	4.01	−1.18	1.07	0.0	7	14	15	2	e.	J. W. Campbell
Arkadelphia	Clark	250	39	....	....	....	....	....	....	....	3.46	−2.10	1.58	0.0	9	22	7	2	ne.	W. K. Bown
Arkansas City	Desha	145	50	....	....	....	....	....	....	....	3.37	−1.30	2.19	0.0	5	23	1	7	....	Herbert Neff
Arlberg	Stone	700	12	....	....	....	....	....	....	....	3.28	−2.21	1.25	0.0	5	..	..	..	....	J. D. Reeves
Batesville	Independence	277	35	68.2	+ 1.0	96	30	41	26	44	5.24	+0.24	1.45	0.0	10	19	4	8	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	70.0	+ 1.7	101	30	47	26	40	3.39	−1.74	1.45	0.0	8	14	13	4	s.	J. E. Scanlan
Bentonville	Benton	1303	29	67.4	+ 2.4	96	31	44	27	36	2.97	−1.96	1.34	0.0	9	14	8	9	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	4	....	....	....	....	....	....	....	2.75	....	1.21	0.0	5	22	6	3	....	C. J. Brooks
Black Rock	Lawrence	259	33	....	....	....	....	....	....	....	2.20	−2.97	0.96	0.0	6	26	0	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	9	70.4	....	96	30	45	26	36	4.29	....	2.00	0.0	7	23	3	5	s.	Samuel Norris
Booneville	Logan	465	20	70.6	+ 0.6	99	31	46	26	38	4.87	−0.55	1.19	0.0	9	17	9	5	e.	F. H. Randolph
Brinkley	Monroe	205	47	71.0[a]	+ 1.0	97[a]	30†	45	1	39[a]	4.58	−0.41	1.10	0.0	7	24	4	3	ne.	R. J. Torry
Calico Rock	Izard	361	30	68.6	+ 1.8	99	31	42	26†	44	2.43	−2.29	1.05	0.0	7	17	11	3	se.	E. R. Wiseman
Camden	Ouachita	158	49	72.4	+ 1.5	103	31	45	1	42	2.82	−1.78	1.84	0.0	6	12	16	3	sw.	J. M. Knight
Carthage	Dallas	297	29	70.0	....	101	31	43	1	38	3.20	−1.87	0.92	0.0	8	14	13	4	s.	P. K. Wylie
Center Point	Howard	470	35	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	John C. Floyd
Clarendon	Monroe	172	30	....	....	....	....	....	....	....	3.30	−1.65	0.92	0.0	7	17	5	9	n.	J. W. Bishop
Clinton	Van Buren	516	13	....	....	....	....	....	....	....	2.11	−3.44	0.68	0.0	7	17	8	6	n.	A. L. Stephens
Conway	Faulkner	309	51	71.5	+ 1.6	101	31	48	27	39	4.53	−0.54	2.06	0.0	7	21	8	2	e.	E. E. Cordrey
Corning	Clay	293	41	70.4	+ 2.4	101	30†	41	27	48	1.12	−3.44	0.52	0.0	4	23	1	7	ne.	Winfred D. Polk
Cotter	Baxter	408	7	....	....	....	....	....	....	....	2.16	....	0.80	0.0	5	17	12	2	....	O. B. McSpadden
Crosset ††	Ashley	175	22	72.2[b]	+ 0.5	98[b]	31	47[b]	1	34[d]	3.48	−1.04	1.55	0.0	8	11[b]	11[b]	7[b]	ne.	G. A. Gifford
Danville	Yell	327	18	....	....	....	....	....	....	....	5.11	+0.29	1.30	0.0	9	17	11	3	....	J. M. Patterson
Dardanelle	Yell	330	48	71.3	+ 1.4	100	31	47	26†	39	2.58	−2.83	0.75	0.0	7	16	13	8	s.	Geo. N. Goodier
De Valls Bluff	Prairie	153	7	....	....	....	....	....	....	....	3.20	....	1.24	0.0	7	10	19	2	s.	Mrs. Frank O'Rourke
Dumas	Desha	162	29	72.8	+ 1.6	101	31	49	27†	39	2.97	−2.32	1.53	0.0	4	8	17	6	s.	Ben Johnson
Dutton	Madison	1590	31	64.1	+ 1.1	95	31	35	27†	48	4.18	−2.11	2.33	0.0	5	19	5	7	s.	J. M. Ricketts
El Dorado	Union	270	34	72.8	+ 1.6	99	31	48	1	31	4.49	−0.41	2.75	0.0	8	9	15	7	se	J. J. Babb
England	Lonoke	229	27	71.3[a]	+ 1.3	99[a]	31	45[a]	26	34[a]	3.80	−0.59	1.56	0.0	8	18[a]	5[a]	7[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	69.3	+ 2.8	96	31	45	27	35	2.61	−3.16	1.10	0.0	10	15	14	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	67.0	+ 0.7	95	31	43	27	38	2.56	−2.95	1.51	0.0	7	15	12	4	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	71.9	+ 2.3	99	31	52	26	33	2.44	−2.38	1.48	0.0	9	14	18	9	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	10	....	....	....	....	....	....	....	1.74	....	0.88	0.0	7	19	8	4	ne.	R. J. McCuiston
Fulton	Hempstead	260	49	....	....	....	....	....	....	....	3.11	−1.50	2.63	0.0	3	22	3	6	....	T. J. Logan
Georgetown	White	200	22	....	....	....	....	....	....	....	3.67	−1.06	0.96	0.0	8	20	3	8	....	Mrs. W. R. Owens
Gilbert	Searcy	675	10	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Grannis	Polk	900	15	69.4	+ 2.4	97	31	45	29	45	2.76	−3.65	1.15	0.0	7	16	10	5	ne.	W. E. McVay
Gravette	Benton	1250	37	68.2[b]	+ 2.9	96[b]	31	44[b]	11†	38[b]	2.96	−2.60	1.46	0.0	8	17[b]	8[b]	4[b]	s.	Max W. Schmidt
Harrison	Boone	1052	34	68.0[f]	+ 2.3	98[f]	31	43[f]	28	42[f]	4.29	−0.94	2.10	0.0	7	21	7	3	sw.	Louis R. Keck
Helena	Phillips	250	62	71.4	+ 0.6	96	31	44	26	33	2.87	−1.83	0.94	0.0	7	12	11	8	ne.	James A. Burnett
Higden	Cleburne	445	15	....	....	....	....	....	....	....	3.61	−2.69	1.06	0.0	8	21	5	5	n.	Trumon Brown
Highland	Pike	600	15	....	....	....	....	....	....	....	....	....	....	....	..	..	.	..	....	J. O. Cooley
Hope	Hempstead	377	64	71.1	0.0	98	31	41	4	39	4.59	−0.62	3.45	0.0	11	18	8	5	s.	N. P. O'Neal
Hot Springs	Garland	600	43	72.4	+ 2.8	103	31	48	1	39	4.49	−1.50	1.67	0.0	10	14	12	5	s.	National Park Service
Index	Little River	275	9	....	....	....	....	....	....	....	1.88	....	1.12	0.0	5	21	2	8	....	H. C. Sanderson
Jessieville	Garland	750	8	....	....	....	....	....	....	....	3.45	....	1.45	0.0	6	12	10	9	....	U. S. Forest Service
Jonesboro	Craighead	345	39	71.2	+ 1.7	97	30†	49	1†	33	5.55	+1.29	3.79	0.0	7	13	8	10	s.	Benedictine Sisters
Lead Hill	Boone	650	28	68.2	+ 0.4	102	31	41	26†	47	4.05	−1.60	1.35	0.0	8	22	6	3	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	71.3	+ 1.0	97	31	53	1	33	2.74	−2.04	0.87	0.0	10	14	10	7	e.	U. S. Weather Bureau
Lurton	Newton	2100	7	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Lutherville ‡‡	Johnson	775	35	70.6	+ 2.6	99	31	50	1†	35	2.03	−3.12	0.68	0.0	8	16	4	11	se.	H. G. Lenhardt
Madison	St. Francis	209	4	....	....	....	....	....	....	....	5.61	....	2.50	0.0	5	19	0	12	....	J. W. Eppes
Magnolia	Columbia	315	18	72.8	+ 1.5	94	31	48	1	36	4.73	−0.41	3.10	0.0	5	9	17	5	s.	State Agri. School
Malvern	Hot Springs	277	48	71.0	+ 1.1	101	31	44	1	43	4.78	−0.01	2.00	0.0	8	21	7	3	se.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	30	67.6	+ 2.6	95	30	43	26†	42	1.86	−2.72	0.90	0.0	3	17	12	2	s.	S. F. Whittaker
Marianna	Lee	235	23	71.6	+ 1.4	96	30†	49	1	37	3.32	−1.11	1.22	0.0	7	21	7	3	s.	C. N. Houck
Marked Tree	Poinsett	229	30	70.2	+ 1.2	99	31	47	26	38	3.63	−1.84	1.93	0.0	8	22	7	2	n.	Charles Walton
Marshall	Searcy	1070	20	*67.4*	+ 0.2	*96*	31	38	26	..	3.56	−3.35	1.25	0.0	9	19	5	7	s.	A. J. Parks
Mena	Polk	1207	46	69.9	+ 1.3	99	31	46	26	38	2.29	−4.11	0.88	0.0	8	14	6	11	sw.	E. W. St. John
Morrilton	Conway	347	15	69.4	+ 0.4	98	31	49	1†	37	2.28	−2.37	0.60	0.0	7	17	11	3	e.	Miss Ruby Cook
Mountain Home	Baxter	800	22	69.2	+ 3.2	101	31	43	26†	43	1.95	−3.70	0.52	0.0	5	14	11	6	sw.	B. S. Halbert
Mount Ida	Montgomery	650	35	67.4	− 0.8	99	31	38	28	47	3.34	−2.55	0.90	0.0	5	18	8	5	e.	G. A. Whittington
Newport	Jackson	231	51	70.7	+ 0.7	98	30	48	26	38	2.91	−1.44	0.74	0.0	9	18	10	3	n.	J. D. Henderson
Norman	Montgomery	750	6	....	....	....	....	....	....	....	5.72	....	2.33	0.0	8	17	10	4	....	U. S. Forest Service
Oden	Montgomery	800	8	....	....	....	....	....	....	....	2.67	....	1.38	0.0	8	16	10	5	se.	U. S. Forest Service
Okay	Howard	288	5	71.0	....	98	31	43	28	47	3.86	....	1.65	0.0	5	23	6	2	ne.	Charles R. Jackson
Osceola	Mississippi	240	38	73.5	+ 4.3	101	30†	49	25	40	3.65	−1.56	1.80	0.0	5	22	7	2	s.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	70.8	+ 1.0	100	31	45	26	39	2.82	−2.67	0.98	0.0	7	18	7	6	e.	Orkney O. Milton
Paragould	Greene	301	11	....	....	....	....	....	....	....	3.95	....	1.08	0.0	7	22	6	3	s.	W. R. Heagler
Parkin	Cross	222	4	....	....	....	....	....	....	....	4.40	....	1.30	0.0	6	18	6	7	....	Carroll King
Patterson	Woodruff	196	18	....	....	....	....	....	....	....	4.77	− 0.15	1.58	0.0	7	22	5	4	s.	W. E. Baker
Piggott	Clay	307	10	....	....	....	....	....	..	....	1.69	....	1.05	0.0	3	23	6	2	sw.	V. C. Wright
Pine Bluff	Jefferson	215	47	71.9	+ 0.5	97	31	51	1	30	3.54	−1.16	2.19	0.0	5	16	8	7	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	41	69.7	+ 1.3	100	30	45	25	40	2.31	−2.54	0.59	0.0	4	15	9	7	ne.	Benedictine Sisters
Portland	Ashley	122	28	72.3	+ 0.7	97	31	49	1	37	2.32	−3.48	1.13	0.0	7	11	17	3	sw.	W. E. Edmiston
Prescott	Nevada	329	46	72.7	+ 2.3	100	31	46	1	36	3.78	−1.25	1.54	0.0	11	17	7	7	s.	Craig Williams
Rison	Cleveland	243	34	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	67.5	+ 1.7	97	31	43	27†	40	3.16	−2.23	1.54	0.0	7	20	5	6	sw.	Carl A. Starck
St. Charles	Arkansas	175	3	....	....	....	....	....	....	....	....	....	....	....	..	..	..	.	....	
St. Francis	Clay	290	7	....	....	....	....	....	....	....	1.85	....	0.98	0.0	3	25	3	3	....	S. T. Rooney
Searcy	White	236	24	70.3	+ 1.7	99	30	48	1	40	2.72	−1.82	1.10	0.0	8	24	2	5	ne.	Arthur D. Smith
Story	Montgomery	700	10	....	....	....	....	....	....	....	4.69	....	1.44	0.0	8	19	10	2	s.	S. C. Story
Stuttgart	Arkansas	209	47	71.7	+ 1.9	97	31	49	26	34	3.44	−1.36	1.35	0.0	6	24	2	5	ne.	Mrs. Kress Swim
Subiaco	Logan	1050	37	71.5	+ 1.5	103	31	45	25	39	2.09	−3.30	1.65	0.0	6	16	11	4	s	New Subiaco Abbey
Sunset	Washington	2250	3	68.2	....	93	31	46	15	26	3.01	....	1.90	0.0	8	18	10	3	sw.	Walter James
Texarkana	Miller	332	49	70.9	− 0.7	97	31	44	1	38	2.86	−1.61	1.35	0.0	6	17	8	6	s.	H. S. Brashear
Thornburg	Perry	650	14	67.4	0.0	99	31	37	26	44	5.61	−0.11	3.16	0.0	8	16	12	3	s.	Edward E. Holmes
Waldron	Scott	675	15	....	....	....	....	....	....	....	4.94	−0.54	3.17	0.0	6	12	7	12	se.	Dr. Cheves Bevill
Warren	Bradley	206	40	73.2	+ 2.0	101	31	50	26	33	4.33	−0.39	1.80	0.0	8	21	7	3	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	10	....	....	....	....	....	....	....	1.53	....	0.80	0.0	4	14	12	5	sw.	J. R. Huddleston
Wilson	Mississippi	237	9	70.8	....	99	30	46	26	40	3.08	....	1.10	0.0	6	24	2	5	s.	D. O. Anderson
Wynne	Cross	250	26	70.9	+ 1.3	97	31	47	26†	36	3.10	−1.70	1.16	0.0	7	19	8	4	s.	R. T. Cobb
Yancopin	Desha	167	10	....	....	....	....	....	....	....	3.19	....	1.52	0.0	5	18	4	9	....	W. E. Barton
State Means				70.3	+1.2	103	31	35	27†	48	3.36	−1.63	3.79	0.0	7	18	8	5	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in italics partly interpolated.

Daily Precipitation for May, 1934

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
		Day of Month																															
Amity	Ouachita					.97	.09				.75					.50	.40					.23			1.07								4.01
Arkadelphia	Ouachita					.63	.27	.44				.04				.03	.38							.07	1.58	.02							3.46
Arkansas City	Mississippi				T.	2.19	.57	.05			T.				T.	.33	.23						T.										3.37
Arlberg	White				.60	.52	.16								.75	1.25																	3.28
Batesville	White				.35	.08	.63	.26				1.45				.62	.55					08	.36			.86							5.24
Bee Branch	Arkansas			.06	.46	.41	.15				.36					.46						T.			.04							1.45	3.39
Bentonville***	Arkansas			.72	.62	.01									.07	.67					.01	.73	T.	.08	.06								2.97
Big Lake Outlet	St. Francis					.17	.60	T.				.20				1.21	.57						T										2.75
Black Rock	White				.03	.02	T.	.60								.96	.32						.27			T.							2.20
Blytheville	St Francis					.76	.94	.23				.07				2.00	.26						.03										4.29
Booneville	Arkansas			08	1.19	1.24										.25					.63	.18	.26	.39	.65								4.87
Brinkley	White					73	.75	.45				02				1.02	.51						1.10										4.58
Calico Rock	White				.34		.05	.02								1.05	.40						.05			.52							2.43
Camden	Ouachita					1.84	.42	.12								.17	.03								.24								2.82
Carthage	Ouachita			T.		.56	.50	.10				.15				.17	.73					.07			.92								3.20
Center Point	Red																																
Clarendon	White					.83	.44	.22				T.				.92	.33					.01	.55										3.30
Clinton	White			.08		.68	.04				.54				.19	38					T.	T.										.20	2.11
Conway	Arkansas			.59		1.32	.06									2.06	.08						.40									.02	4.53
Corning	White				T.	T.	.10					.20				.52	.30									T							1.12
Cotter	White				.54	T.	.22									.80	.06						.54										2.16
Crossett	Ouachita					.87	1.55	.12			.09				.07	.13	.07					.58	T.										3.48
Danville	Arkansas				1.30	.52	.74	.18								.22	.20					.75	.98	.22									5.11
Dardanelle	Arkansas				.75	.41	.11	T.				T.				.19	.38					.23	.51										2.58
De Valls Bluff	White				T	.63	1.24					T			.03	.48	.14					.61	.07										3.20
Dumas	Mississippi					1.53	.38			T					T.	95	.11					T.		T.							T		2.97
Dutton	White			T.	2.33	.80										.37					T.			.60	.08								4.18
El Dorado	Ouachita					2.75	.76			.02	.14				T.	.02	.05				.25				.50								4.49
England	Arkansas				.01	1.56	.04	T.			T.				.11	.55	.03				.65	.85											3.80
Eureka Springs	White			.02	1.10	.05	.02								.10	.69					.05	.43	.05		.10								2.61
Fayetteville	White		T.	T.	1.51	T.									.10	.69					.19	.02	.02	.03	T.								2.56
Fort Smith***	Arkansas			.60	.93	.15	T.							.02	T	.21					.01	T.	.25	.01	.26								2.44
Freeman Sprgs.	Arkansas				.88	.12	.34									.14	.07					T.			.15	.04							1.74
Fulton	Red		T.			2.63		T.									.12							T.	.36	T.							3.11
Georgetown	White				T.	.47	.12	.13				.48				.91	.96					.08	.52										3.67
Gilbert	White																																
Grannis	Red				.60	.20				T.	.50						T.	.12				T.			1.15	.02	.17						2.76
Gravette	Arkansas			.08	1.46	.04									.20	.82							.03	.10	.23								2.96
Harrison	White			.11	.80	.31	.10								2.10	.62										.25							4.29
Helena	Mississippi				.05	.94	.37	.22								.67	.10						.52										2.87
Higden	White				.70	.15	.10				1.05				.05	.40						.10			1.06								3.61
Highland	Ouachita																																
Hope	Red		T.		3.45	.16	.08			T	.05					.13				.08	.03	.05	50	.05	.01								4.59
Hot Springs	Ouachita			T.	.21	1.64	.02				.10				.05	1.67	.03				.44	T.		.01	.32								4.49
Index	Red					1.12											.13				.42			.08	.13								1.88
Jessieville	Ouachita				*	.30	.95									.37	1.45				T.			.38									3.45
Jonesboro	White						.50	.15				.30				3.79	.67						.11			.03							5.55
Lead Hill	White			.08	.81	.18					T.			T.	.53	.44						1.35	.25		.41								4.05
Little Rock***	Arkansas			.04	.60	.11	.03				T.				.02	.87					.66	.02			.20							.19	2.74
Lurton	White																																
Lutherville	Arkansas			.18	.68	.45	07				.08				T.	.33					T.	.12		T	T.	.12							2.03
Madison	St. Francis					.85	.10	1.44								2.50	.75																5.64
Magnolia	Red					3.10				.26						.73					.04		.61										4.74
Malvern	Ouachita					2.00	.10	.15								.05	.95					1.40		.05		.08							4.78
Mammoth Spg	White				T			.86			T.					.90	.10																*1.86
Marianna	St. Francis					.53	1.10	.04							.23	1.22	.10					.10											3.32
Marked Tree	St. Francis					.10	.85	.05				.37			.02	1.93	.25						.06										3.63
Marshall	White			.15	.85	1.25	.03								.33	.64						.11			.10							.10	3.56
Mena	Ouachita			T.	.39	.88	.09	T.			08	T				.05	.06				T.			.53	.21								2.29
Morrilton	Arkansas				.20	.40	.36									.44	.60					T.	.08	T.		.20							2.28
Mountain Home	White				.50	.20									.52	.33					T.	T.			.40								1.95
Mount Ida	Ouachita				.80	.90									.28	.60						.76											3.34
Newport	White				.04		.05	.11				.10				.74	.69					.28	.47			.43							2.91
Norman	Ouachita						2.33	.53				T.				.93	.50					.12	.19		.77	.35							5.72
Oden	Ouachita			T.	.40	.23	.22					1.38				.12	.08					.08	.16	T.									2.67
Okay	Red					1.65	.07									.12	T.						.47	1.05									3.36
Osceola	Mississippi					1.05	.05					.55				1.80	.20																3.65
Ozark	Arkansas				.98	.33	.21	.01				T.				.27							.56	T	T.	.46							2.82
Paragould	St. Francis					.40	.06	.12				1.08				1.00	1.03									.26							3.95
Parkin	St. Francis					.53	1.30	.30								1.20	.45						.62										4.40
Patterson	White				.18	.60	.30								.36	1.58	.20					1.55											4.77
Piggott	St. Francis						.29								.35	1.05																	1.69
Pine Bluff	Arkansas				T.	2.19	T	.12								.02	.62						.59										3.54
Pocahontas	White						.59								.58	.56							.58										2.31
Portland	Ouachita					1.13	.60	.14									.01						.17	.02	.25								2.32
Prescott	Ouachita					1.54	.11	.02			.02					.05	.22					.05	1.10	.20	.45	.02							3.78
Rison	Ouachita																																
Rogers (near)	White			T.	1.54	T.									.43	.82						.12	.22	.02	.01								3.16
St. Charles	White																																
St. Francis	St. Francis						.56					T.				.98	.31									T.							1.85
Searcy	White				.05	.18	.18	.02								.98	1.10							.05		.16							2.72
Story	Ouachita				39		.65				1.44				.11	.40					.90	.35		.45									4.69
Stuttgart	Arkansas					1.35	.85	.05								.08	.36						.75										3.44
Subiaco	Arkansas		.04		1.65	.15										.01						.06			.18								2.09
Sunset	Arkansas			.05	1.90	.07									.04	.40							.01	.29	.25								3.01
Texarkana	Red					1.35						.26				.12	.10				.33			.70									2.86
Thornburg	Arkansas			T.	.46	3.16	.13								.15	1.57	.01				.03	.10	T.	T.	T.								5.61
Waldron	Arkansas			.02	3.17	.37	T.				T.					.27					1.06			T.	.05								4.94
Warren	Ouachita					1.80	.58	.15			T.	.15			T.		.15					1.05	.20		.25								4.33
Waters	Ouachita					.39						.80				T	.29					.05											1.53
Wilson	Mississippi					.75	.20	.25				.50				1.10	.28																3.08
Wynne	St. Francis					.43	.45	.16							.15	1.16	.56						.19										3.10
Yancopin	Arkansas					1.52	.22	.21			T.					.14	1.10																3.19

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.9	3.7	3.9	4.0	4.2	4.3	4.8	4.4	4.2	5.3	4.8	4.4	4.4	4.0	3.8	4.1	4.2	4.1	4.0	4.0	4.0	3.7	4.1	4.1	4.1	4.0	3.9	3.8	3.6	3.6	3.9
Calico Rock	do	18	2.2	2.5	2.1	2.0	1.9	2.4	3.7	3.8	3.9	3.9	3.6	2.7	2.7	2.2	2.0	2.2	2.8	2.5	2.1	2.0	1.7	1.6	2.0	1.7	1.8	1.5	1.3	1.4	0.7	0.6	1.2
Batesville	do	23	7.9	7.1	7.6	7.4	7.0	7.3	7.9	9.1	8.5	9.1	9.1	8.4	8.0	7.8	7.2	7.2	7.4	8.0	7.8	7.2	7.1	7.2	6.6	7.2	6.8	6.7	6.3	6.2	6.1	5.5	5.3
Newport	do	26	5.6	5.1	4.6	4.6	4.6	4.5	4.8	5.8	6.5	6.0	6.4	6.1	5.2	4.7	4.4	4.3	4.1	4.4	4.4	4.1	3.9	4.0	4.6	4.3	3.6	3.4	3.1	2.8	2.6	2.4	2.0
Georgetown	do	21	10.7	10.0	9.3	8.7	8.2	7.9	7.5	8.0	8.4	9.0	9.0	9.0	9.0	8.5	7.9	7.5	7.2	6.9	6.8	6.7	6.5	6.2	6.1	6.1	5.9	5.5	5.2	4.9	4.4	4.0	3.8
Clarendon	do	26	22.7	22.0	21.2	20.4	19.6	18.9	18.2	17.5	16.9	16.7	16.6	16.5	16.5	16.4	16.2	15.9	15.6	15.3	15.1	14.9	14.7	14.6	14.4	14.2	14.2	14.1	13.8	13.4	13.0	12.6	12.2
Black Rock	Black	14	3.5	3.5	3.4	3.3	3.1	3.0	4.5	4.0	3.8	3.5	3.2	3.1	3.0	3.0	2.9	3.3	2.8	2.6	2.7	2.7	2.7	2.7	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.0
Arkadelphia	Ouachita	12	2.0	0.2	0.2	0.2	0.6	4.0	2.6	2.0	0.6	0.6	2.2	2.4	0.8	-0.2	0.0	0.8	1.0	0.0	-0.2	-0.2	-0.4	1.0	0.6	0.4	0.8	0.0	0.2	-0.6	-0.8	-0.6	-0.8
Camden	Ouachita	26	11.2	10.1	8.6	7.4	7.9	10.1	15.7	16.8	16.2	15.4	12.3	10.8	9.9	8.3	7.5	6.2	6.5	7.0	6.4	5.8	5.8	5.4	5.5	6.2	6.6	7.1	7.8	7.3	6.3	5.1	4.6
Fulton	Red	25	9.1	8.9	8.7	8.4	9.1	9.9	11.0	15.6	17.5	16.0	14.1	12.7	11.7	10.7	9.9	9.3	8.8	8.5	8.2	8.0	7.8	7.5	7.4	7.4	7.2	7.0	7.0	7.4	8.1	8.1	7.8
Helena	Mississippi	41	21.8	21.6	21.1	20.1	19.1	17.9	16.5	14.8	13.4	12.7	12.0	11.5	10.8	10.1	9.6	9.4	9.2	9.1	9.1	9.3	9.5	9.4	9.2	9.1	9.0	9.2	9.2	8.9	8.2	7.4	6.9
Arkansas City	do	48	25.2	25.0	24.6	24.1	23.5	22.5	21.8	19.9	18.2	16.7	16.0	15.9	15.6	14.8	13.7	12.5	11.6	11.0	10.5	10.2	10.0	10.0	9.9	9.7	9.6	9.9	10.2	10.2	9.8	9.2	8.4

Daily temperatures for May, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	75	82	82	82	..	80	85	85	85	85	82	84	88	89	71	76	82	85	88	88	83	84	82	82	74	76	78	84	90	95	98	83.3
	Minimum	48	49	54	55	59	..	59	63	62	62	61	57	58	63	60	53	52	52	53	63	65	64	65	63	59	51	50	49	53	56	63	57.4
Batesville §§	Maximum	75	82	79	81	78	81	89	89	86	85	82	83	86	87	67	78	82	84	85	87	89	89	85	87	73	76	79	83	87	96	93	83.3
	Minimum	45	48	49	58	60	59	56	57	57	62	48	48	52	57	56	50	47	48	55	58	63	62	63	55	46	41	42	43	46	52	64	53.1
Bee Branch	Maximum	73	80	78	79	76	79	85	85	87	85	83	82	87	89	76	76	82	85	86	85	88	89	84	88	71	72	77	85	90	101	100	83.3
	Minimum	49	52	57	49	59	59	61	62	61	63	56	52	56	63	55	54	51	51	61	63	65	64	67	62	52	47	48	48	51	61	63	56.8
Bentonville ***	Maximum	76	79	76	74	71	79	88	89	86	75	80	82	82	65	70	76	82	83	84	86	85	80	81	79	69	73	76	81	88	94	96	80.2
	Minimum	51	52	58	56	56	55	56	60	61	53	46	56	61	52	49	46	48	52	58	63	63	61	60	58	49	47	44	45	53	61	62	54.6
Blytheville	Maximum	78	82	84	86	78	77	83	88	87	85	83	84	88	86	75	75	80	83	85	90	87	86	84	85	72	74	78	82	86	96	95	83.8
	Minimum	53	52	54	60	63	62	61	64	66	67	53	54	58	66	59	57	49	58	60	60	64	66	60	55	47	45	47	47	50	64	60	57.5
Booneville	Maximum	76	80	83	80	71	81	86	85	86	88	86	88	90	86	74	79	83	86	89	85	85	87	85	86	72	75	78	83	89	97	99	83.8
	Minimum	51	54	54	58	59	56	59	61	61	64	57	56	60	64	56	50	50	51	60	67	64	63	65	64	57	46	48	47	52	59	63	57.3
Brinkley	Maximum	81	86	87	86	79	73	84	87	87	90	84	85	91	89	81	77	81	85	88	90	82	88	83	..	84	73	79	83	88	97	97	84.8
	Minimum	45	51	55	59	59	61	60	60	60	67	61	52	55	68	59	54	49	51	57	63	65	66	65	60	53	46	49	47	49	59	66	57.1
Calico Rock§§	Maximum	76	82	86	82	76	82	89	90	89	85	85	85	89	84	71	79	84	85	87	89	82	86	85	87	72	73	78	83	89	98	99	84.1
	Minimum	45	48	49	59	57	58	57	57	58	60	44	46	51	61	53	48	51	49	54	60	63	64	62	57	47	42	42	43	46	54	63	53.2
Camden§§	Maximum	78	84	87	82	78	81	87	89	90	88	87	90	93	92	67	80	89	92	89	89	89	88	88	85	78	80	80	89	92	98	103	86.5
	Minimum	45	51	57	62	61	57	60	60	61	63	64	58	59	65	64	58	53	55	61	65	65	65	64	65	61	48	47	47	51	57	61	58.4
Carthage §§	Maximum	75	83	83	79	76	79	84	84	85	87	83	85	89	88	65	77	82	85	87	88	84	89	89	75	73	76	78	84	88	95	100	83.1
	Minimum	43	47	55	59	59	57	59	59	59	61	62	52	55	62	64	55	51	52	58	64	65	64	64	62	58	47	48	48	50	58	63	56.8
Conway	Maximum	77	83	82	83	78	79	86	86	88	89	86	85	90	89	76	78	82	86	87	89	85	90	85	88	73	77	80	86	91	98	101	84.9
	Minimum	50	52	59	62	60	58	61	62	62	63	58	54	57	65	56	53	52	53	62	66	65	65	67	65	49	49	48	44	52	60	67	58.1
Corning	Maximum	78	82	86	90	84	82	90	92	92	87	86	87	91	87	68	79	84	81	90	92	89	90	86	88	76	78	83	88	94	101	101	86.5
	Minimum	48	52	51	59	63	59	58	62	62	66	49	49	53	62	56	50	46	51	56	59	62	62	58	54	42	42	41	43	46	62	61	54.3
Dardanelle	Maximum	76	84	82	81	74	80	89	87	87	86	85	87	90	86	74	83	82	87	87	85	83	87	86	85	76	79	81	85	90	96	100	84.5
	Minimum	52	50	59	59	59	57	61	63	62	64	56	54	62	66	60	53	51	52	62	65	65	63	65	67	56	47	49	47	51	59	65	58.1
Dumas	Maximum	81	88	90	87	75	78	82	84	88	89	91	89	94	89	75	77	81	85	90	92	84	91	89	87	75	78	81	85	91	97	101	85.9
	Minimum	50	51	59	62	60	62	52	62	63	60	64	56	58	68	60	57	66	59	65	66	68	64	66	61	60	50	49	49	52	59	70	59.6
Dutton	Maximum	72	75	75	71	67	80	87	86	83	81	81	79	82	78	69	79	83	81	83	85	83	84	82	77	73	75	74	83	89	94	95	80.2
	Minimum	47	41	53	51	52	48	48	51	53	56	39	41	52	55	47	38	39	41	51	64	56	57	55	55	45	37	35	35	41	50	53	48.0
El Dorado	Maximum	77	83	84	83	77	78	82	84	82	84	83	86	88	86	77	79	83	87	87	85	86	86	85	86	80	77	79	84	89	94	99	83.9
	Minimum	48	56	65	65	62	59	64	64	64	67	65	62	63	85	62	59	56	59	66	68	67	66	68	67	62	52	53	53	55	63	71	61.8
England	Maximum	76	84	81	83	76	76	88	87	..	87	86	85	89	87	74	77	80	87	88	88	81	89	88	85	72	74	78	83	87	95	99	83.7
	Minimum	49	52	59	63	60	60	61	62	..	63	62	54	58	67	59	55	53	55	61	65	65	65	66	60	55	48	52	53	53	64	69	58.9
Eureka Springs	Maximum	79	81	77	75	77	80	89	88	86	80	84	82	83	78	70	76	83	85	85	87	86	80	82	80	76	75	78	83	89	95	96	82.1
	Minimum	50	52	59	55	56	55	59	62	63	64	49	55	63	58	49	47	51	54	60	64	63	61	59	60	50	47	45	49	54	67	70	56.5
Fayetteville	Maximum	74	75	75	72	70	75	83	85	85	80	82	79	80	78	66	75	80	81	82	84	81	80	80	80	74	72	76	82	89	93	95	79.5
	Minimum	51	52	60	56	57	53	55	58	60	63	45	52	62	61	48	44	49	51	55	61	63	61	61	60	51	46	43	44	51	57	61	54.5
Fort Smith***	Maximum	76	82	82	75	75	79	89	87	88	84	83	86	87	74	66	81	83	86	87	88	86	89	85	85	72	76	81	84	91	96	99	83.3
	Minimum	53	56	59	59	60	59	62	66	66	66	61	61	64	60	56	52	56	58	64	69	66	66	67	65	59	52	54	52	58	84	67	60.5
Grannis	Maximum	76	78	84	75	76	82	87	85	85	85	81	83	85	88	88	86	70	83	86	85	87	85	88	84	84	82	74	77	90	95	97	83.6
	Minimum	47	48	57	59	56	59	58	58	57	53	56	54	58	59	57	59	56	47	48	49	57	58	60	59	72	63	48	49	45	55	59	55.2
Gravette	Maximum	..	..	76	75	72	81	88	89	86	76	82	83	83	69	70	78	82	84	86	87	87	81	82	80	71	74	77	82	90	94	96	81.4
	Minimum	..	..	67	56	56	55	55	60	60	56	44	55	61	54	48	47	50	53	56	56	62	63	59	60	51	48	44	44	55	58	62	55.0
Harrison	Maximum	75	81	76	77	73	84	87	87	88	79	82	84	87	77	71	78	82	84	84	87	89	..	..	..	..	..	..	84	89	96	98	83.2
	Minimum	52	46	53	56	57	50	56	59	58	61	45	48	58	59	50	48	46	48	49	59	49	..	..	..	..	..	..	43	47	60	64	52.8
Helena	Maximum	79	84	83	86	78	72	84	87	87	87	84	84	89	86	74	76	79	84	87	99	87	87	85	82	74	75	78	82	87	94	96	83.5
	Minimum	49	58	59	56	60	62	60	61	64	65	63	59	62	68	61	57	53	61	62	66	66	66	67	57	56	44	51	52	49	59	66	59.3
Hope	Maximum	79	84	87	77	81	81	85	86	87	87	85	89	91	89	73	78	83	88	87	90	87	85	88	84	73	78	79	85	89	95	98	84.8
	Minimum	46	53	61	41	57	57	61	61	61	63	63	59	60	65	57	53	50	53	61	64	64	64	65	63	59	47	48	46	52	59	65	57.4
Hot Springs	Maximum	80	84	86	81	75	81	89	89	87	85	86	88	94	91	70	82	87	89	89	87	87	90	87	86	78	80	82	88	92	99	103	86.2
	Minimum	48	52	56	60	60	56	61	63	62	62	62	56	63	66	56	53	52	54	62	65	64	63	64	63	55	50	49	50	53	61	75	58.6
Jonesboro	Maximum	79	83	82	85	80	78	86	90	88	86	82	86	88	88	70	76	79	85	88	91	83	87	84	84	73	74	79	83	88	97	97	83.8
	Minimum	49	52	55	60	63	61	62	64	64	66	54	55	57	65	57	56	51	56	60	63	66	66	64	59	49	49	50	51	55	67	67	58.5
Lead Hill	Maximum	78	86	78	80	74	85	92	91	91	79	86	87	89	74	72	80	90	89	90	91	89	84	82	80	74	75	80	87	93	98	102	84.7
	Minimum	54	45	50	57	55	54	54	57	56	59	42	45	54	60	50	45	44	46	54	56	60	60	57	59	46	41	41	42	46	57	61	51 8
Little Rock.* **	Maximum	74	81	81	80	69	76	84	84	84	84	82	83	87	86	66	75	79	83	83	84	82	86	83	82	70	72	75	81	86	96	97	81.1
	Minimum	53	57	64	61	61	59	63	65	67	66	64	60	63	66	58	55	57	58	66	69	67	66	69	63	56	54	56	56	58	65	64	61.5
Lutherville	Maximum	73	80	76	77	71	81	89	85	86	83	82	84	88	81	66	80	85	84	86	85	84	86	85	84	70	73	76	84	91	95	99	82.2
	Minimum	50	53	60	58	57	55	61	64	63	63	59	57	62	65	53	52	52	53	62	65	63	63	66	65	68	53	51	50	56	65	68	59.1
Magnolia	Maximum	78	84	85	83	76	81	83	83	85	84	84	87	90	89	78	79	82	87	88	89	89	88	86	85	81	76	78	83	88	93	94	84.4
	Minimum	49	60	65	65	60	56	60	64	64	66	70	62	64	66	60	60	55	59	67	68	67	66	67	66	62	52	54	50	52	59	66	61.3
Malvern	Maximum	77	82	84	80	75	81	87	87	85	88	85	86	89	91	77	79	84	88	88	85	84	87	87	86	75	80	81	87	92	97	101	85.0
	Minimum	44	50	57	62	59	56	59	60	60	61	63	53	58	64	55	55	50	52	60	66	64	63	64	64	56	49	48	48	49	56	64	57 1
Mammoth Spring	Maximum	76	80	84	81	79	78	88	87	86	80	80	82	84	81	68	76	80	81	83	86	84	83	80	81	75	76	80	81	86	95	91	81.8
	Minimum	46	48	52	56	54	54	56	61	60	60	47	50	51	61	56	51	48	49	56	59	63	62	60	57	47	43	43	45	47	53	64	53.5
Marianna	Maximum	81	82	82	85	83	82	85	85	86	87	84	84	89	89	84	76	80	83	85	87	85	88	86	85	82	76	82	82	88	96	96	84.7
	Minimum	49	58	59	62	61	60	60	62	64	64	65	55	56	69	61	57	82	59	60	63	61	61	62	57	55	50	50	50	51	61	62	58.6
Marked Tree§§	Maximum	79	82	83	86	77	75	86	89	87	87	83	85	90	87	65	70	83	84	87	90	88	86	85	86	74	74	77	83	87	97	99	83.6
	Minimum	50	51	53	56	62	62	60	62	63	65	58	54	55	62	57	55	49	55	59	61	64	66	62	57	48	47	50	48	50	59	62	56.8
Mena	Maximum	79	80	82	75	75	79	83	85	85	80	82	85	88	85	64	76	84	87	86	88	84	86	83	82	72	75	76	86	91	96	99	82.5
	Minimum	52	52	59	57	58	56	59	61	60	60	60	56	63	63	55	51	51	50	58	65	63	62	65	63	57	46	47	48	54	60	66	57.3
Morrilton §§	Maximum	71	79	78	76	66	76	83	83	82	84	80	82	85	87	59	75	78	80	83	82	79	87	83	84	71	74	77	82	87	95	98	80 2
	Minimum	49	51	56	60	61	57	58	62	62	63	61	54	60	66	58	55	54	54	61	66	65	64	67	66	55	49	50	52	55	58	67	58.6
Mountain Home	Maximum	76	83	80	80	77	93	89	91	91	83	85	85	89	83	69	78	84	86	87	88	86	85	84	87	72	75	79	85	90	100	101	84.5
	Minimum	46	50	53	57	56	56	57	61	59	61	45	49	54	58	52	50	47	48	57	61	63	62	62	57	45	43	45	43	47	61	64	53.8
Mount Ida	Maximum	74	80	83	78	75	81	85	85	86	86	83	84	88	89	70	77	82	84	86	87	84	88	86	86	74	77	79	85	91	97	99	83.5
	Minimum	44	43	53	58	54	50	54	55	44	57	53	49	55	57	50	45	43	43	54	61	60	60	60	59	55	39	40	38	44	52	58	51.2
Newport	Maximum	77	83	84	83	79	77	87	88	88	89	84	85	90	90	71	75	79	85	87	90	82	85	83	86	71	74	78	82	88	98	97	83.7
	Minimum	49	51	54	62	63	62	61	62	62	65	55	53	55	66	55	55	50	54	59	63	66	66	65	66	50	48	49	49	52	60	68	57.7
Okay	Maximum	77	83	84	79	80	82	86	85	85	88	84	85	89	89	86	80	85	89	87	89	89	88	89	84	76	78	79	85	89	91	98	85.1
	Minimum	46	54	64	60	58	54	59	61	61	62	63	59	60	59	58	51	50	56	64	62	61	63	62	62	60	46	45	43	52	54	51	56.8
Osceola	Maximum	81	85	87	87	87	77	89	92	89	89	89	86	92	88	88	78	83	85	91	94	90	91	89	90	80	80	84	87	92	101	101	87.8
	Minimum	53	55	55	60	63	63	62	64	66	66	57	57	59	67	59	57	51	61	62	64	66	67	62	58	49	50	52	50	52	65	64	59.2
Ozark§§	Maximum	75	80	80	76	71	82	88	86	87	86	81	85	90	82	65	82	84	86	87	88	88	88	85	85	78	80	81	85	90	97	100	83.8
	Minimum	53	53	60	59	59	57	59	61	62	65	55	57	61	66	55	50	50	53	60	68	65	65	65	66	55	45	48	48	53	58	64	57.9
Pine Bluff	Maximum	75	82	82	81	75	76	83	86	84	85	83	84	88	88	74	76	79	83	85	87	79	86	85	84	75	74	77	81	85	92	97	82.3
	Minimum	51	55	61	65	61	61	64	64	64	66	66	58	61	68	59	57	55	58	64	64	69	66	69	64	58	54	55	55	55	65	73	61.5
Pocahontas	Maximum	76	80	81	84	81	81	90	91	88	85	85	84	88	88	69	79	83	85	88	89	84	89	87	86	74	77	81	84	89	100	98	84.6
	Minimum	46	50	51	57	62	58	60	64	60	64	47	48	52	62	53	53	48	50	56	60	63	62	60	54	45	46	50	46	49	61	63	54.8
Portland	Maximum	79	84	86	88	79	79	80	85	88	87	83	86	89	87	81	76	83	87	88	90	85	90	89	86	79	77	80	83	87	93	97	84.9
	Minimum	49	52	58	61	61	60	61	69	61	65	64	59	58	65	65	59	55	59	62	65	66	64	66	64	60	50	51	51	50	57	65	59.7
Prescott	Maximum	78	84	87	84	81	82	87	87	86	87	85	88	90	91	87	80	85	89	89	89	87	82	86	85	82	78	79	86	90	96	100	86.0
	Minimum	46	53	63	60	59	57	62	63	62	63	63	59	60	66	59	55	53	55	62	65	65	65	65	63	59	50	53	53	54	62	67	59.4
Searcy	Maximum	75	82	80	82	75	89	85	87	86	86	84	84	87	87	69	75	80	84	85	87	81	89	83	85	70	74	77	84	88	99	97	83.1
	Minimum	48	52	57	60	58	60	61	61	60	62	55	52	54	64	57	53	52	53	60	64	67	64	65	61	51	51	51	52	52	59	66	57.5
Stuttgart	Maximum	78	84	84	84	79	73	84	86	86	87	84	85	90	89	80	77	80	85	87	89	80	87	86	84	79	75	78	81	87	95	97	83.9
	Minimum	50	55	57	59	60	61	61	63	63	63	64	59	60	67	61	55	52	59	61	62	65	68	67	62	55	49	50	52	55	61	67	59.5
Subiaco	Maximum	82	83	79	77	74	81	89	86	88	84	85	85	90	83	80	83	86	88	90	88	86	89	89	86	78	80	82	86	92	97	103	85.5
	Minimum	50	61	59	57	59	57	59	62	61	64	59	55	63	64	51	55	51	51	60	61	64	62	64	66	45	46	48	48	53	62	67	57.5
Sunset	Maximum	70	73	73	68	68	77	86	85	81	78	79	77	81	73	62	74	81	79	81	83	83	79	79	77	69	72	73	80	86	92	93	77.8
	Minimum	48	57	58	54	55	56	65	63	67	64	58	61	63	58	46	48	52	55	61	66	65	61	63	62	49	50	54	55	62	67	72	58.5
Texarkana	Maximum	78	82	85	81	81	83	85	85	85	85	85	85	90	89	76	80	83	87	89	87	86	90	88	85	79	78	79	84	89	95	97	84.9
	Minimum	44	48	60	62	53	55	60	61	61	60	58	62	60	60	58	58	59	56	56	62	60	63	64	63	51	46	47	46	53	58	60	56 9
Thornburg	Maximum	74	82	81	78	72	76	86	85	84	84	83	83	87	87	71	76	82	84	86	84	85	89	86	85	77	75	78	83	88	97	99	82.8
	Minimum	42	42	52	58	58	55	55	55	55	56	52	45	57	62	54	50	43	43	53	58	58	58	59	60	52	37	39	41	44	59	62	52.1
Warren	Maximum	78	82	85	85	81	77	83	86	87	87	85	85	90	89	84	79	83	87	89	89	82	90	88	84	86	77	79	84	88	95	101	85.3
	Minimum	52	53	62	63	61	59	64	62	64	65	68	57	62	67	62	57	56	59	64	68	65	66	68	66	62	50	51	54	55	63	72	61.2
Wilson	Maximum	78	82	83	84	76	75	84	88	87	86	81	84	89	86	80	75	80	82	86	90	89	89	88	86	83	75	79	84	90	99	95	84.3
	Minimum	51	53	53	60	62	62	60	63	65	65	56	53	56	66	57	55	48	60	60	61	62	66	60	55	48	46	47	48	50	64	60	57.2
Wynne	Maximum	79	83	85	83	75	74	84	87	88	87	83	85	90	87	71	75	80	82	88	90	81	86	84	84	70	74	78	81	85	95	97	82.9
	Minimum	49	59	62	65	60	62	60	62	64	63	59	56	63	62	59	54	52	59	62	65	67	65	66	58	51	47	47	48	49	61	71	58.9

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 6-28-34-100

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

SEP 11 1934

ARKANSAS SECTION

H. S. COLE

Vol. XXXIX   Little Rock, Ark., June, 1934   No. 6

GENERAL SUMMARY

June, 1934, was the third warmest June for the State as a whole, the mean temperature being exceeded only by the correspondingly warm months of 1914 and 1925, but in the northwestern portion of the State it was the warmest on record. Temperatures were above normal during the entire month at Fort Smith except on the 11th but in eastern and southern portions daily averages were not quite so high. The warmest weather occurred in most sections the latter part of the month when most stations had temperatures of 100° or slighly higher for several days, while temperatures were lowest around the first or during the middle of the month. The average temperature for the State, based on the reports of 60 stations, was 81.1° which is 4.0° above the mean for the past 44 years. All stations had positive departures ranging from 1.6° in extreme southern counties to 6.9° at Rogers in Benton county. Monthly means ranged from 74.4° at Dutton to 83.8° at three stations. The highest temperature recorded was 108° at Ozark on the 30th; the lowest, 49° at Dutton on the 20th.

Rainfall was general over the State from the 2d to the 6th and again on the 10th or 11th but thereafter amounts were generally light to moderate with showers occurring only locally. Many stations reported no rain after the 11th. On the night of the 10th at 8 p. m. a small tornado struck Tontitown in northern Washington County and traveled in a southernly direction. It was followed by destructive hail which fell over an area 4 miles wide and 12 miles long extending from Tontitown southward to Greenland. Damage from tornado, windstorm, and hail was estimated at $450,000.

The average precipitation for the State for the 88 stations reporting was 2.88 inches which is 1.11 inches below the mean for the past 44 years. Of the 68 stations with records of 10 years or more, only 14 had positive departures. Monthly totals ranged from 0.70 inch at Jonesboro to 6.71 inches at Hot Springs. The greatest amount measured in any 24-hour period was 3.81 inches at Yancopin on the 5th.

The weather during June was favorable for cotton in the lowlands but in some northern and western sections the soil was too dry the latter part of the month for good growth. It was too dry for corn, meadows, pastures, truck, and fruit in most of the uplands the latter part of the month except in localities where showers occurred.

T.A.M.

Miscellaneous Data

Tornado:---Tontitown, 10th, 8 p. m., from north, path narrow and about 1 1-2 miles long, property damage $13,000.

Windstorms and Electrical Storms:---2d and 4th, Stuttgart and vicinity, $2,000 damage to crops and $4,000 damage to electrical equipment.

Windstorm and Hailstorm:---10th, from Tontitown southward to Greenland, $237,000 damage to buildings and $200,000 damage to crops.

Heavy Hail:---Oden, 2d. no report on damage; Sunset and vicinity, 11th, severe damage to crops; north of Dutton, 12th, severe damage to crops.

Moderate Hail:---Story, 2d, slight damage to crops; Bella Vista, Hiwasse, and Sulphur Springs, ; 10th, slight damage to crops.

Killed by lightning:--- near Stuttgart, 4th, one.

Correction, May, 1934

Date of moderate hail at England should be 20th.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog						1																									
Light Hail		2								2		1																		1	
Moderate Hail		1								3																					
Heavy Hail		1								5	1	1																			
Thunderstorms	12	31	15	28	13	5	5	7	3	28	14	5	1		9	2	14				2		1	4		1	7	14	9	30	

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29 86	30.08	28	29.63	15	5.4	18	s	10	....	...	....	92
Fort Smith	29.87	30.07	29	29.67	15	7.0	30	se	2	74	43	44	85
Little Rock	29.91	30.12	9	29.68	16	7.2	28	nw	17	76	50	57	88
Memphis	29 92	30.13	29	29.68	15	6.5	25	n	10	74	55	56	79

COMPARATIVE DATA FOR JUNE

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	+0.8	103	56	3.71	−0.28	7.65	0 62	0	17	11	11	8
1892	76.9	−0.2	103	40	3.87	−0.12	6.90	0.72	0	8	16	10	4
1893	76.3	−0.8	99	49	5.20	+1.21	10.94	1.14	0	9	12	12	6
1894	76.6	−0.5	106	42	1.39	−2.60	3.93	T	0	4	17	10	3
1895	76.9	−0.2	100	47	5.94	+1.95	13.06	1.15	0	10	12	10	8
1896	77.7	+0.6	103	48	1.91	−2.08	4.65	0.10	0	5	14	10	6
1897	78.0	+0.9	106	41	3.46	−0.53	6 90	0.60	0	6	12	13	5
1898	78.7	+1.6	100	60	4.86	+0.87	11.15	1.85	0	11	8	14	8
1899	77.3	+0.2	102	50	2.74	−1.25	5.90	0.20	0	6	13	12	5
1900	76.6	−0.5	100	43	7.10	+3.11	16.11	3.05	0	13	7	14	9
1901	79.4	+2.3	110	41	1.44	−2.55	4.13	0.25	0	4	16	12	2
1902	77.5	+0.4	105	42	5.27	+1.28	9 28	0 59	0	6	16	9	5
1903	70.5	−6.6	99	37	2.53	−1.46	8.01	0.45	0	7	13	10	7
1904	75.3	−1.8	99	50	7.14	+3.15	12.03	2.42	0	10	11	13	6
1905	77.9	+0.8	104	44	5.90	+1.91	21.55	1.28	0	10	12	10	8
1906	76.2	−0.9	101	44	4.60	+0.61	10.73	1.05	0	8	14	11	5
1907	75.2	−1.9	103	39	4.48	+0.49	10 38	1.40	0	8	14	11	5
1908	76.0	−1.1	98	46	3.85	−0.14	8.83	0.61	0	8	13	11	6
1909	76.9	−0.2	104	49	4.08	+0.09	8.68	1.26	0	10	12	12	6
1910	74.1	−3.0	99	44	4.85	+0.86	8.54	1.01	0	10	12	13	5
1911	80.9	+3.8	106	47	2.53	−1.46	5.68	0.27	0	6	16	11	3
1912	73.1	−4.0	97	42	5.83	+1.84	9.54	2 40	0	9	11	12	7
1913	77.0	−0.1	103	39	1.68	−2.31	6.34	0.14	0	4	16	11	3
1914	82.3	+5.2	109	52	1.00	−2.99	3.77	0.00	0	2	19	10	1
1915	76.0	−1.1	106	45	4.92	+0.93	8.67	1.23	0	9	12	9	9
1916	75.4	−1.7	99	43	5.15	+1.16	9.48	2.64	0	8	12	10	8
1917	75.2	−1.9	105	37	4.87	+0.88	8.99	0 98	0	5	18	7	5
1918	80.5	+3.4	110	49	3.55	−0.44	12.07	0 50	0	7	15	9	6
1919	76.9	−0.2	101	45	5.11	+1.12	9.80	2.07	0	10	11	10	9
1920	74.7	−2.4	101	42	3.41	−0.58	8.26	0.63	0	6	19	6	5
1921	78.5	+1.4	103	46	4.84	+0.85	12.03	1.41	0	11	12	10	8
1922	78.6	+1.5	104	44	2.64	−1 35	6.35	0.32	0	7	16	8	6
1923	76.7	−0.4	99	46	5.20	+1.21	12.14	1.50	0	9	13	11	6
1924	78.5	+1.4	105	42	3.64	−0.35	9.90	0.27	0	8	15	6	9
1925	82.3	+5.2	108	46	2.08	−1.91	6.66	0.12	0	4	17	9	4
1926	76.6	−0.5	104	42	2 60	−1.39	6.08	0.79	0	5	17	8	5
1927	76.3	−0.8	104	43	6.50	+2.51	14.57	2.70	0	9	13	8	9
1928	73.5	−3.6	100	40	9.44	+5.45	17.16	4.08	0	13	8	9	13
1929	76.2	−0.9	102	41	3.68	−0.31	8.05	0.02	0	7	17	8	5
1930	76.4	−0.7	107	39	0.87	−3.12	6.20	0.00	0	2	22	6	2
1931	78.3	+1.2	107	35	2.60	−1.39	6.03	0.36	0	6	19	8	3
1932	78.9	+1.8	103	50	4.86	+0.87	9.15	0.75	0	10	12	11	7
1933	78.4	+1.3	107	40	1.30	−2.69	3.61	0.00	0	3	22	6	2
1934	81.1	+4.0	108	49	2.88	−1.11	6.71	0.70	0	5	19	8	3
Period	77.1	......	110	35	3.99	......	21.55	0.00	0	8	14	10	6

Daily River Stages for June, 1934

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.0	4.6	4.6	4.8	4.7	4.7	4.6	4.3	4.2	4 0	3.8	3.9	6.1	7.8	7.4	6.8	5.8	5.6	5.2	5.0	7.0	6.6	5.8	5.4	5.6	5 8	5.8	5.4	4.8	4.1	
Ozark	do	22	0.9	0.7	0.5	0.4	0.7	0.6	0.4	0.3	0.2	0.1	0.0	0.2	0.0	0.5	3.0	2.6	1.9	1.5	1.1	0.7	0.6	2.2	1.8	1.1	0.9	1.0	1.2	1.2	0.8	0.4	
Dardanelle	do	22	4.3	4 2	4.0	3.9	4.0	4.1	4 0	3.9	3.7	3.4	3.6	3.5	3.6	3.3	4.5	5.6	5.4	5.0	4.6	4.3	4.0	4.0	5.0	4.9	4.4	4.1	4.2	4.4	4.3	4.0	
Morrilton	do	20	0.2	-0.1	-0.2	-0.5	-0.4	0.0	0.0	-0.4	-0.6	-0.8	-0.9	-0.9	-1.0	-0.7	-1.0	1.0	1 8	1.3	0.7	0.2	-0.2	-0.6	-0.2	0.9	0.5	-0.2	-0.4	-0.1	-0 1	-0.2	
Little Rock	do	23	0.5	0.2	0.0	-0.2	-0 2	-0.2	0.0	0.0	-0.3	-0.6	-0.6	-0 8	-0.9	-0.9	-0.7	-0.9	0.6	1.4	1.1	0 7	0.2	-0 3	-0.6	-0.5	0.7	0.6	-0.1	-0.5	-0.5	-0.3	
Pine Bluff	do	25	5.3	5.3	4.9	4.7	4.7	4.6	4.4	4.4	4.6	4 4	4.2	4.0	3 9	3 8	3.8	3.9	4.2	4.8	5.8	5.6	5.0	4.6	4.4	4.0	4.0	4.8	4.8	4.4	4.0	4.0	
Danville	Petit Jean	20	2.5	2.3	2.1	2.0	6.0	4.5	4.3	3.0	2.6	2.4	2.3	6.0	8 1	6.2	3.5	2.9	2.7	2.4	2.2	2.1	1.9	1.7	1.5	1.4	1 3	1.3	1.2	1.2	1.2	1.2	

Climatological Data for June, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	82.4	+ 5.3	102	28†	61	3	33	1.05	-3.85	0.84	0.0	2	14	14	2	s.	J. W. Campbell
Arkadelphia	Clark	250	39	......	......	......	......	......	......	......	1.11	-3.68	0.77	0 0	3	24	4	2	se	W. K. Bown
Arkansas City	Desha	145	50	......	......	......	......	......	......	......	2.67	-1.19	1.09	0.0	5	28	0	2	......	Herbert Neff
Arlberg	Stone	700	12	......	......	......	......	......	......	......	2.04	-3.16	0.85	0.0	6	..	..	..	......	J. D. Reeves
Batesville	Independence	277	35	79.8	+ 4.6	101	26†	53	14	39	2.89	-1.12	1.62	0.0	4	20	6	4	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	81.6	+ 4.9	102	29	59	14	33	2.46	-1.82	0.80	0.0	7	16	12	2	s.	J. E. Scanlan
Bentonville	Benton	1303	29	79.6	+ 6.2	98	28	58	19	33	2.53	-2.79	2.08	0.0	6	15	11	4	sw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	4	......	......	......	......	......	......	......	2.18	....	0.73	0.0	5	23	2	5	......	C. J. Brooks
Black Rock	Lawrence	259	33	......	......	......	......	......	......	......	1.15	-2.73	0.72	0.0	7	25	0	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	9	80.0	......	99	2†	56	13	36	2.66	......	0.80	0.0	7	21	5	4	s.	Samuel Norris
Booneville	Logan	465	20	82.4	+ 5.0	104	29	63	19	35	3.81	-0.60	2.44	0.0	4	13	16	1	s.	F. H. Randolph
Brinkley	Monroe	205	47	81.1	+ 3.3	101	27	59	13†	35	2.43	-1.14	1.46	0.0	6	23	5	2	......	R. J. Torry
Calico Rock	Izard	361	30	80.6	+ 4 8	104	28	59	13†	38	3.55	-0.50	2.35	0.0	6	22	4	4	sw.	E R. Wiseman
Camden	Ouachita	158	49	83.2	+ 5.0	103	1†	61	14	36	1.40	-2.94	0.85	0.0	3	22	6	2	s.	J M. Knight
Carthage	Dallas	297	29	80.8	....	100	1	60	14	36	5.50	+1.53	1.85	0.0	5	19	11	0	s.	P. K. Wylie
Center Point	Howard	470	35	....	......	......	......	......	......	......	....	...	....	....	..	..	..	..	......	John C. Floyd
Clarendon	Monroe	172	50	......	......	......	......	......	......	......	4.11	+0.56	1.47	0.0	7	21	4	5	s.	J. W. Bishop
Clinton	Van Buren	516	13	......	......	......	......	......	......	......	3.53	-0.02	1.35	0.0	8	14	16	0	nw.	A L. Stephens
Conway	Faulkner	309	51	82 0	+ 3 9	103	30	61	14	34	3.31	-0.68	1 36	0.0	5	22	7	1	s.	E. E. Cordrey
Corning	Clay	293	41	81.0	+ 5.8	103	2†	56	13	38	3.51	-0.70	1.40	0.0	7	23	3	4	sw.	Winfred D. Polk
Cotter	Baxter	408	7	......	......	......	......	......	......	......	6.68	......	3.24	0 0	6	23	4	3	......	O. B. McSpadden
Crosset ††	Ashley	175	22	82.8^{g}	+ 3.5	98^{g}	27	67^{g}	5†	26^{i}	3.32	-1.42	1.40	0.0	5	14^{g}	4^{g}	5^{g}	......	G. A Gifford
Danville	Yell	327	18	......	......	......	......	......	......	......	0.90	-3.55	0.44	0 0	4	23	5	2	......	J. M. Patterson
Dardanelle	Yell	330	48	82.5	+ 4.2	101	29†	62	14	35	1.75	-1.95	1.08	0.0	4	15	11	4	s	Geo. N. Goodier
De Valls Bluff	Prairie	153	7	......	......	......	......	......	......	......	3.20	......	1.55	0 0	6	8	22	0	s.	Mrs. Frank O'Rourke
Dumas	Desha	162	29	82.0	+ 3.0	100	1†	61	14	34	4.83	+1.04	1.74	0.0	8	11	14	5	s.	Ben Johnson
Dutton	Madison	1590	31	74.4	+ 2.8	100	30	49	20	40	4.67	-0.89	1.70	0 0	7	22	8	0	s.	J. M. Ricketts
El Dorado	Union	270	34	83.3	+ 3 9	100	28	65	14	26	3.46	-0 43	2.65	0.0	4	12	17	1	se.	J. J. Babb
England	Lonoke	229	27	81.0^{c}	+ 2 8	101^{c}	28	60^{c}	4	33^{c}	5.59	-1.91	1.97	0.0	9	21	8	1	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	80.6	+ 6 6	102	29	59	13†	32	2.43	-3.32	1.06	0.0	6	16	13	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	80.3	+ 6.1	99	23†	59	19	32	3.53	-0.99	3.15	0.0	4	16	13	1	s.	University of Arkansas
Fort Smith	Sebastian	457	53	84.0	+ 6.5	103	20	65	11	32	0.99	-2.73	0.63	0.0	4	18	10	2	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	10	......	......	......	......	......	......	......	3.42	......	2.47	0.0	6	22	7	1	s.	R. J. McCuiston
Fulton	Hempstead	260	49	......	......	......	......	......	......	......	2.82	-1.01	1.54	0.0	4	21	5	4	......	T. J. Logan
Georgetown	White	200	22	......	......	......	......	......	......	......	1.85	-2.47	0.93	0.0	4	23	5	2	......	Mrs. W. R. Owens
Grannis	Polk	900	15	79.4	+ 4.4	102	28†	51	14	40	1.97	-2.92	1.15	0.0	4	21	8	1	ne.	W. E. McVay
Gravette	Benton	1250	37	80.0	+ 6.6	101	29	57	19	35	2.00	-3.55	1 64	0.0	5	24	6	0	s.	Max W. Schmidt
Harrison	Boone	1052	34	79.8	+ 6.8	104	29	58	13†	35	3.12	-1.08	0.25	0.0	9	24	6	0	sw.	Louis R. Keck
Helena	Phillips	250	62	80.2	+ 1.9	99	26†	58	13	36	4.45	+0.56	1.33	0.0	7	13	9	8	s.	James A. Burnett
Higden	Cleburne	445	15	......	......	......	......	......	......	......	2.21	-1.99	0.75	0.0	5	18	8	4	ne.	Trumon Brown
Highland	Pike	600	15	82.4	......	102	28	62	7	32	1.21	-2.86	1.21	0.0	1	5	24	1	se.	J. O. Cooley
Hope	Hempstead	377	64	82 8	+ 4.0	102	28	64	15	31	2.41	-1.37	1.16	0.0	3	27	1	2	sw.	N. P. O'Neal
Hot Springs	Garland	600	43	83.8	+ 6.0	104	28†	63	14	35	6.71	+2.12	2.03	0.0	5	6	23	1	s.	National Park Service
Index	Little River	275	9	......	......	......	......	......	......	......	3.03	......	1.83	0.0	3	24	1	5	......	H. C. Sanderson
Jessieville	Garland	750	8	......	......	......	......	......	......	......	1.45	......	1.45	0.0	1	17	9	4	s.	U. S. Forest Service
Jonesboro	Craighead	345	39	81.6	+ 4.1	101	26†	59	13	34	0.70	-3 23	0.26	0.0	4	10	14	6	s.	Benedictine Sisters
Lead Hill	Boone	650	28	81.0	+ 6.1	107	29	57	13†	41	2.56	-2.23	1.53	0.0	7	24	5	1	sw.	J. H Crosswhite
LITTLE ROCK	Pulaski	357	55	81.2	+ 3.8	98	27	66	2	29	3.17	-0.59	1.61	0.0	5	19	9	2	s.	U. S. Weather Bureau
Lutherville‡‡	Johnson	775	35	81.8	+ 6.0	104	29	62	19	33	2.20	-2.17	1.35	0 0	6	18	9	3	s.	H. G. Lenhardt
Madison	St. Francis	209	4	......	......	......	......	......	......	......	2.16	......	1.10	0.0	5	21	0	9	......	J. W. Eppes
Magnolia	Columbia	315	18	82.8	+ 3.8	100	28	65	14	29	1.45	-2.05	1.45	0.0	1	6	24	0	s.	State Agri. Schoo
Malvern	Hot Springs	277	48	82.2	+ 4.4	103	30	60	14	37	3.95	-0.21	1.60	0.0	4	27	3	0	sw.	Mrs. W .L. Matthews
Mammoth Spring	Fulton	600	30	79.0	+ 4 8	99	23†	54	13	34	2.00	-2.47	1.06	0.0	4	15	13	2	s.	S. F. Whittaker
Marianna	Lee	235	23	80.8	+ 2.5	99	26†	60	13†	35	4.17	+0.23	1.40	0.0	5	26	3	1	s.	C. N. Houck
Marked Tree	Poinsett	229	30	79.8	+ 1.8	100	2†	55	13	37	1.65	-1.62	0.50	0 0	8	19	7	4	n.	Charles Walton
Marshall	Searcy	1070	20	*79.0*	+ 3.5	102	23	50	19	46	1.81	-3.27	0.50	0.0	10	16	11	3	s	A. J. Parks
Mena	Polk	1207	46	81.2	+ 4.8	101	20†	61	19	37	0.91	-3.97	0.58	0.0	3	19	10	1	sw.	E. W. St. John
Morrilton	Conway	347	15	80.6	+ 2.0	99	26†	62	14	33	3.87	-0.01	1.36	0.0	6	24	2	4	sw.	Miss Ruby Cook
Mountain Home	Baxter	800	22	80 4	+ 6.0	103	28†	57	19	39	3.63	-1.20	1.55	0.0	8	11	16	3	sw.	B. S. Halbert
Mount Ida	Montgomery	650	35	79.2	+ 3.4	102	30	57	19	38	2.43	-1.99	1.42	0 0	4	24	5	1	se.	G. A. Whittington
Newport	Jackson	231	51	82.0	+ 4.2	103	27†	59	14	34	0.76	-3.14	0.31	0.0	4	17	12	1	n.	J. D. Henderson
Norman	Montgomery	750	6	......	......	......	......	......	......	......	2 47	......	1 70	0.0	4	18	9	3	......	U. S. Forest Service
Oden	Montgomery	800	8	......	......	......	......	......	......	......	1.48	......	0.50	0.0	5	14	16	0	s.	U. S. Forest Service
Okay	Howard	288	5	81.8	....	101	28	62	4	33	1.34	......	1.10	0.0	2	27	3	0	s.	Charles R. Jackson
Osceola	Mississippi	240	38	82 4	+ 5.1	103	2†	59	12	38	1.71	-1.67	0.49	0.0	5	18	6	6	s	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	83.4	+ 5.6	108	30	62	19	36	1.73	-2.77	0.99	0.0	5	24	5	1	se.	Orkney O. Milton
Paragould	Greene	301	11	......	......	......	......	......	......	......	1.23	......	0.83	0.0	4	22	6	2	s.	W. R. Heagler
Parkin	Cross	222	4	......	......	......	......	......	......	......	3.58	......	1.74	0.0	5	17	4	9	......	Carroll King
Patterson	Woodruff	196	18	......	......	......	......	......	......	......	2.42	-2.49	1.40	0.0	4	25	4	1	s.	W. E. Baker
Piggott	Clay	307	10	......	......	......	......	......	......	......	3.21	......	2.50	0.0	4	19	9	2	sw.	V. C. Wright
Pine Bluff	Jefferson	215	47	81.5	+ 2.3	98	27†	64	14	29	2.76	-1.16	1.96	0.0	5	14	12	4	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	41	80.3	+ 3.9	101	2†	55	13	38	4.30	+0.90	2.10	0.0	7	13	12	5	sw.	Benedictine Sisters
Portland	Ashley	122	28	81.0	+ 1.6	99	27†	62	14	30	4.06	+0.66	1.18	0.0	7	17	10	3	sw.	W E. Edmiston
Prescott	Nevada	329	46	82.9	+ 4.2	100	28†	64	14	30	4.01	+0.21	3.11	0.0	5	15	13	2	s.	Craig Williams
Rison	Cleveland	243	34	....	......	......	......	......	......	......	....	......	....	...	..	..	..	.	......	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	80.2	+ 6 9	103	29	61	4†	35	2.94	-1.95	0.98	0.0	5	24	5	1	sw.	Carl A. Starck
St. Charles	Arkansas	175	3	......	......	......	......	......	......	......	....	......	....	.. .	..	..	..	.	......	
St. Francis	Clay	290	7	......	......	......	......	......	......	......	2.68	......	0.92	0.0	6	23	2	5	......	S. T. Rooney
Searcy	White	236	24	80.1	+ 2.9	100	27†	59	14	35	3.08	-0.88	1 00	0.0	5	27	2	1	sw.	Arthur D. Smith
Story	Montgomery	700	10	......	......	......	......	......	......	......	1.69	......	0 75	0.0	4	22	7	1	s.	S. C. Story
Stuttgart	Arkansas	209	47	81.0	+ 3 2	99	27†	63	13†	33	4.37	+0.43	1.88	0.0	6	24	5	1	sw.	Mrs. Kress Swim
Subiaco	Logan	1050	37	83.8	+ 6 2	106	23†	63	19	36	2.05	-2.01	1.03	0.0	5	12	14	4	s.	New Subiaco Abbey
Sunset	Washington	2250	3	78.6	...	98	28†	56	11	27	3.81	......	2.05	0.0	6	22	8	0	sw.	Walter James
Texarkana	Miller	332	49	80.8	+ 1.6	101	28	58	5	33	4.22	+0.66	2.42	0.0	3	26	3	1	s.	H. S. Brashear
Thornburg	Perry	650	14	79.2	+ 4.0	101	27†	53	14	41	3.65	-1.46	0.80	0.0	8	19	11	0	s.	Edward E. Holmes
Waldron	Scott	675	15	......	......	......	......	......	......	......	3.80	-0.45	1.34	0.0	5	11	18	1	s.	Dr. Cheves Bevill
Warren	Bradley	206	40	83.8	+ 4.8	101	4†	63	14	31	5.22	+1.49	2.30	0.0	4	18	5	7	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	10	......	......	......	......	......	......	......	2.05	......	0.94	0.0	4	23	3	4	sw.	J R. Huddleston
Wilson	Mississippi	237	9	80.0	.....	100	28	56	13	35	2.03	......	1.12	0.0	4	19	6	5	s.	D. O. Anderson
Wynne	Cross	250	26	80.1	+ 2.1	101	27	59	13	32	4.53	+0.72	2.64	0.0	5	21	8	1	s.	R. T. Cobb
Yancopin	Desha	167	10	......	......	......	......	......	......	......	6.06	......	3.81	0.0	7	17	10	3	......	W. E. Barton
State Means				81.1	+4.0	108	30	49	20	46	3.88	-1.11	3.81	0.0	5	19	8	3	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in italics partly interpolated.

Daily Precipitation for June, 1934

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita					.84						.21																					1.05
rkadelphia	Ouachita					.77	.02					.32																					1.11
rkansas City	Mississippi			T.		1.09	.31	T.		T.		.15						.80	.32										T.				2.67
rlberg	White		*	.85								.41				.21		.22															2.04
atesville	White	T.		T.		.09	1.62					1.16							T.											.02			2.89
ee Branch	Arkansas	.10			T.	.80						.03	.50			.60		.35													.08		2.46
entonville ***	Arkansas		T.	.17	.08						1.90	.18				.16	.04					T.		T.							T.		2.53
ig Lake Outlet	St. Francis					.73	.51				.46	.14						T.	.34											T.			2.18
lack Rock	White			.02		.04	.10			.24		.72					T.		.02							.01							1.15
lytheville	St Francis					.64	.80				.62	.20	T						.21								.04			.15			2.66
ooneville	Arkansas		1.02	.01	.34		T.					2.44						T.											T.				3.81
rinkley	White			.16		1.46	.05			.05		.65						.06															2.43
alico Rock	White		.12	.62	.02	.04	.40					2.35	T.				T.																3.55
amden	Ouachita					.85						.50										.05											1.40
arthage	Ouachita			.24		1.85				1.75		1.48							.18														5.50
enter Point	Red																																....
larendon	White			.56		1.47	.60			.42		.51						.05	.50											T.			4.11
linton	White	.51	.13		.61						.22	.22				1.35		.07													.42		3.53
onway	Arkansas		.38			1.36					.64	.35						.58															3.31
orning	White			.30		.05				.55	1.40	1.00	T.						.17							.04							3.51
otter	White			3.21	.12	.23	.48		T.			2.56					.10									T.							6.68
rossett	Ouachita					1.40	.95	.02	.77	T.		T.						.18															3.32
anville	Arkansas					.22						.44	.12						.12														0.90
ardanelle	Arkansas					.13						1.08	.05						.49														1.75
e Valls Bluff	White			.19		1.55					T.	.63						.01	.69												.13		3.20
umas	Mississippi		.10	T.		1.74		.02		T	.70	.07						.60	.02								T.				1.58		4.83
utton	White	.18		1.20									.41	.88			.26		.04												1.70		4.67
l Dorado	Ouachita					2.65			.62			.07	T.					.12															3.46
ngland	Arkansas			1.97	1.11	.94		T.			.87	.11	.08					.20	.03									T.			.28		5.59
ureka Springs	White			.05	.05						.24	1.06				.10															.93		2.43
ayetteville	White		.31	T	.05							3.15		T.		.02																	3.53
ort Smith ***	Arkansas		.03	T.	.33			T.			.21	.42																			T.		0.99
reeman Sprgs.	Arkansas			.04		2.47						.25	.06				.43		.17														3.42
ulton	Red			.15		.83						1.54	.30																				2.82
eorgetown	White			.03		.76	.13					.93						T.	T														1.85
rannis	Red		.08		.44			.30				1.15																			T.		1.97
ravette	Arkansas				.07							1.64				.06														.12	.20		2.09
arrison	White		.25		.31	.12					.55	.26	.20			.42		.53												.48			3.12
elena	Mississippi			1.08		1.03	.06			.12		1.33						.12	.71														4.45
igden	White					.75	.35									.37		.10													.64		2.21
ighland	Ouachita											1.21																					1.21
ope	Red				1.05	.20						1.16																			T.		2.41
ot Springs	Ouachita		T.		.91	.47			2.03			1.30																			2.00		6.71
ndex	Red					1.83						1.10	.10																				3.03
essieville	Ouachita					1.45																											1.45
onesboro	White			.26		.14	.09		T.			.21														T.							0.70
ead Hill	White			.22	.07	.13			T.		1.53	.14				.32		.15															2.56
ittle Rock ***	Arkansas		.43	T.	1.61	T.			T.		.69	T.						.27										T.	T.		.17		3.17
utherville	Arkansas			.02	1.35						.20	.25	.15			T.		.23															2.20
adison	St. Francis			.20		1.10	.15					.20						T.	.51														2.16
agnolia	Red							1.45																									1.45
alvern	Ouachita					.70				1.50		1.60							.15														3.95
ammoth Spg	White			T.		T.					T.	.46						.12	.42							1.00							2.00
arianna	St. Francis			.20		1.40						.32						.90													1.35		4.17
arked Tree	St. Francis			.22		.27	.04				.13	.50						.06	.41											.02			1.65
arshall	White			.08	.08	.50					.06	.18	.12			.10		.46											.12	.11			1.81
ena	Ouachita			T.		.31			T.		.58		.02																	T.			0.91
orrilton	Arkansas		.10	1.34		1.36						.95	.02						.10														3.87
ountain Home	White	.65		.90	.08	.20					1.55	.05				.10		.10						T									3.63
ount Ida	Ouachita		.15		.76	.10						1.42																					2.43
ewport	White					.28	.08			.09		.31																					0.76
orman	Ouachita		.11	.43		1.70						.23	T.																				2.47
den	Ouachita		T.	.10	.50	T.						.47	T.						.40											.01			1.48
kay	Red				T	.24		T				1.10																					1.34
sceola	Mississippi					.30					.49	.37							.38				.17										1.71
zark	Arkansas			.11		.99						.51	.06						.06														1.73
aragould	St. Francis			.16			.03				.83	.21						T.															1.23
arkin	St. Francis			1.74		.50			.38			.56							.40														3.58
atterson	White					.64					1.40							.08													.30		2.42
iggott	St. Francis		.54			.15			.02		2.50																						3.21
ine Bluff	Arkansas	.01				1.96				.37		.08							.34														2.76
ocahontas	White		2.10	T.		.12					.38							.05	.63						.62						.40		4.30
ortland	Ouachita			.21		1.18	.89	.47	.57	.01								.73															4.06
rescott	Ouachita					.50				.06		3.11	.04						.30														4.01
ison	Ouachita																																....
Rogers (near)	White			.16	.36						.98	.98																			.46		2.94
St. Charles	White																																
St. Francis	St. Francis			.54		.18	T.			.14	.72	.92	T.					T.	.18							T.							2.68
Searcy	White			.25		1.00						.80							.31												.72		3.08
Story	Ouachita			.15		.75	.16					.63																					1.69
Stuttgart	Arkansas			1.33		1.88	.45					.58						.05	.08														4.37
Subiaco	Arkansas		T.		1.03							.90	.01					.08											.03				2.05
Sunset	Arkansas		T.	.01	.99	T.						2.05	.03					.03													.70		3.81
Texarkana	Red					2.42	.60					1.20																		T.			4.22
Thornburg	Arkansas			.53	.36	.18	.03		.80		T.	.62						.72										T.			.41		3.65
Waldron	Arkansas	.02	.93		1.11							1.34						T.													.40		3.80
Warren	Ouachita			T.		2.30				.25		1.62						T	1.05														5.22
Waters	Ouachita			.65		.10						.94																		.36			2.05
Wilson	Mississippi					.30	.10					1.12							.51														2.03
Wynne	St. Francis			.51		.72	.29		2.64			.37						T.															4.53
Yancopin	Arkansas			.18		3.81	.76		.04			.37						.52	.38														6.06

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
otter	White	21	3.6	3.5	3.8	3.6	3.4	3.4	3.4	3.3	3.3	3.2	5.0	3.6	5.2	4.8	4.0	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.2	3.2	3.2	2.8	2.8	2.8	2.8	
Calico Rock	do	18	1.1	0.5	1.0	1.1	0.5	0.3	0.1	0.6	0.4	0.5	3.3	1.8	0.9	2.6	1.8	1.1	0.5	0.5	0.3	0.5	0.8	0.6	0.3	0.2	0.0	0.2	-0.2	-0.4	0.0	-0.1	
Batesville	do	23	5.8	5.8	5.3	5.8	5.8	5.3	5.0	4.8	5.2	5.1	6.6	7.6	6.6	6.1	7.4	6.6	5.8	5.2	5.0	5.0	5.0	5.3	5.2	4.8	4.7	4.6	4.8	4.4	4.3	4.3	
ewport	do	26	1.8	2.0	1.9	1.7	2.0	1.9	1.6	1.3	1.2	1.3	1.4	2.6	3.1	2.4	2.8	3.0	2.4	1.9	1.5	1.3	1.3	1.2	1.2	1.0	0.9	0.9	1.1	0.9	0.6	0.5	
Georgetown	do	21	3.5	3.0	2.8	2.7	2.6	2.6	2.6	2.4	2.2	2.0	1.8	1.7	2.1	3.0	3.2	3.2	3.4	3.4	3.0	2.5	2.0	1.7	1.6	1.5	1.5	1.3	1.1	0.9	0.9	0.8	
Clarendon	do	26	11.8	11.4	11.1	10.7	10.6	10.9	10.5	10.3	10.1	9.9	9.7	9.4	9.2	9.3	9.8	10.3	10.4	10.5	10.5	10.3	10.0	9.6	9.2	9.0	8.7	8.6	8.4	8.2	8.1	8.0	
Black Rock	Black	14	1.9	1.8	2.1	2.0	1.8	1.7	1.7	1.7	1.6	1.6	1.6	2.0	2.2	2.0	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.4	1.8	1.5	1.4	1.4	1.4	
Arkadelphia	Ouachita	12	-1.0	-0.8	-0.6	-0.4	0.2	1.4	-0.4	-0.8	-0.8	-0.8	-1.0	-1.0	-1.0	-1.0	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	
Camden	Ouachita	26	4.6	4.4	4.6	4.5	4.7	4.8	5.7	5.7	4.6	4.4	4.5	4.6	5.1	6.2	5.6	4.7	4.2	3.9	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.7	3.8	3.7	
Fulton	Red	25	7.7	8.5	8.8	8.6	8.5	8.2	7.8	7.5	7.3	7.0	7.0	7.1	6.9	6.6	6.6	8.5	10.1	9.6	9.7	7.8	7.1	6.7	6.4	6.0	5.9	5.7	5.7	5.8	6.0	6.3	
Helena	Mississippi	41	6.8	6.5	6.3	6.2	6.0	5.4	5.0	4.7	4.2	4.5	5.4	5.9	6.3	7.0	8.0	8.4	8.6	8.8	8.9	8.8	8.7	9.4	10.8	11.5	11.5	11.0	10.3	9.9	9.8	9.3	
Arkansas City	do	48	7.7	7.1	6.8	6.5	6.3	6.2	5.9	5.5	5.1	4.6	4.5	4.8	5.3	5.6	6.0	6.6	7.3	7.7	8.0	8.2	8.4	8.4	8.5	9.3	10.2	10.6	10.4	10.0	9.6	9.2	

Daily temperatures for June, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	100	96	93	88	82	94	93	92	92	94	85	95	91	92	96	96	99	94	97	99	99	96	97	100	99	100	101	102	102	102		95.5
	Minimum	67	68	61	67	67	69	71	69	70	72	66	66	68	64	66	68	70	69	67	71	71	75	74	74	72	68	69	73	72	72		69.2
Batesville §§	Maximum	100	99	91	91	83	85	93	91	91	90	86	86	86	89	84	97	91	90	92	96	97	98	97	100	98	101	101	100	100	98		93.4
	Minimum	61	61	67	63	68	68	66	68	70	70	68	63	57	53	60	63	70	65	57	60	72	73	75	78	67	63	69	69	69	73		66.2
Bee Branch	Maximum	97	98	92	92	86	92	93	93	92	96	86	88	88	90	94	91	92	91	94	97	98	97	100	100	99	100	100	100	102	100		94.6
	Minimum	65	67	69	67	66	72	70	70	72	72	69	65	63	59	66	67	71	68	64	65	72	71	71	72	70	67	70	73	72	72		68.6
Bentonville ***	Maximum	95	94	85	83	87	93	92	92	92	93	86	85	88	89	88	90	91	84	91	96	94	96	97	97	95	95	96	98	96	93		91.7
	Minimum	66	65	66	63	61	68	69	69	72	63	64	63	62	63	66	66	68	63	58	72	72	72	74	74	71	68	70	73	74	71		67.5
Blytheville	Maximum	98	99	91	91	80	92	91	89	94	82	86	81	85	88	93	95	81	88	90	91	97	96	96	98	97	99	99	98	99	89		91.8
	Minimum	62	67	67	68	68	69	70	70	71	66	65	67	56	59	62	66	74	65	62	63	71	75	74	75	70	73	72	73	73	72		68.2
Booneville	Maximum	98	98	89	86	91	94	93	94	94	97	94	93	89	90	92	93	96	91	95	100	101	98	102	100	100	102	101	101	104	103		96.0
	Minimum	65	64	66	68	66	68	71	71	72	70	66	66	69	66	68	68	70	68	63	73	71	70	72	72	69	67	69	73	73	72		68.9
Brinkley	Maximum	100	98	92	94	85	93	91	91	93	93	87	89	86	91	94	94	91	93	93	95	97	96	96	93	98	100	101	100	100	99		94.1
	Minimum	65	65	64	68	67	68	69	72	71	72	64	66	59	59	63	67	74	67	63	64	73	72	71	75	71	69	70	73	71	70		68.1
Calico Rock§§	Maximum	100	98	88	92	85	95	95	93	95	91	86	85	87	89	92	96	93	88	91	95	99	98	100	101	99	100	102	104	103	99		94.6
	Minimum	62	63	67	64	68	66	67	66	71	71	65	64	59	59	64	65	69	66	59	61	72	68	74	75	67	65	67	70	70	74		66.6
Camden§§	Maximum	103	94	97	90	92	95	97	92	97	97	90	97	93	97	99	92	102	99	100	101	99	98	100	101	99	103	101	102	98	103		97.6
	Minimum	68	71	66	67	66	68	70	70	71	71	68	68	68	61	63	66	73	68	68	70	73	73	70	74	66	68	71	70	70	72		68.9
Carthage §§	Maximum	100	96	91	90	89	92	93	89	91	95	86	94	88	89	92	92	96	92	92	97	95	95	95	95	97	97	98	97	97	98		93.6
	Minimum	64	67	66	67	67	67	69	68	69	76	66	68	66	60	63	66	72	69	66	68	73	71	70	70	67	67	69	70	70	72		68 1
Conway	Maximum	98	97	90	91	87	94	94	94	93	94	88	92	89	91	94	95	96	92	92	97	97	96	98	99	98	100	101	101	101	103		95.1
	Minimum	64	66	68	69	68	70	71	71	72	68	68	67	65	61	66	66	72	67	66	65	74	72	72	73	70	68	71	74	73	73		69.0
Corning	Maximum	102	103	95	97	87	94	95	87	94	81	82	83	86	90	95	97	90	88	93	96	99	100	99	100	101	101	103	101	103	91		94.4
	Minimum	64	66	66	67	68	67	67	70	73	66	64	64	56	60	63	66	74	64	57	61	72	74	75	75	68	71	70	72	73	71		67.5
Dardanelle	Maximum	100	98	90	90	91	95	95	94	94	97	85	93	90	90	94	95	97	92	93	99	99	97	100	99	98	99	99	100	101	101		95 5
	Minimum	65	67	68	68	66	70	70	71	74	73	67	65	67	62	68	67	70	68	64	70	74	71	72	75	71	68	71	74	74	74		69.5
Dumas	Maximum	100	97	93	94	84	92	90	87	91	96	92	94	88	91	94	93	97	94	92	94	97	97	99	97	99	97	99	98	100	100		94.5
	Minimum	66	70	65	69	66	69	70	70	71	70	68	68	68	61	65	66	72	69	69	67	74	74	74	72	71	72	74	73	72	70		69.5
Dutton	Maximum	95	86	81	80	81	82	91	90	89	90	90	84	87	85	88	86	90	91	81	88	94	93	92	97	95	94	96	96	96	100		89.6
	Minimum	55	60	56	57	54	54	60	60	60	65	63	59	56	55	55	58	57	60	56	49	59	65	61	64	65	60	64	60	63	64		59.1
El Dorado	Maximum	97	91	93	91	91	93	94	89	92	92	87	95	91	91	93	91	98	96	96	98	97	96	97	97	98	99	97	100	98	98		94.5
	Minimum	71	74	69	71	68	71	73	73	73	74	69	70	73	65	67	69	76	72	72	73	75	75	75	73	72	73	75	74	73	74		72.
England	Maximum	98	98	89	90	81	92	91	89	91	93	84	89	87	89	94	94	93	90	..	..	..	97	95	98	97	100	99	101	99	100		93.3
	Minimum	65	67	66	60	67	70	71	71	72	68	68	67	64	62	66	67	71	67	..	.	..	67	74	74	72	69	72	72	73	72		68.7
Eureka Springs	Maximum	97	91	86	88	86	93	93	94	92	95	85	84	88	86	88	92	93	86	91	95	93	96	100	97	97	98	98	101	102	94		92.6
	Minimum	72	67	65	66	62	69	69	69	71	68	68	64	59	64	67	66	69	64	59	70	75	73	75	71	71	70	73	75	76	70		68.6
Fayetteville	Maximum	96	94	83	82	85	93	91	90	92	94	90	86	87	88	86	92	92	88	91	96	94	96	99	96	95	96	96	98	99	96		92.0
	Minimum	65	65	67	63	65	65	67	69	74	73	63	65	64	64	67	66	65	65	59	72	76	73	75	75	71	70	70	76	76	73		68.6
Fort Smith***	Maximum	98	96	89	87	92	95	94	97	95	95	87	94	90	90	92	93	95	89	97	103	99	100	102	100	99	100	101	102	102	101		95.8
	Minimum	71	69	69	68	67	71	74	74	74	68	65	69	71	69	72	72	73	72	65	72	76	75	77	78	74	74	74	79	79	76		72.2
Grannis	Maximum	97	92	91	84	89	94	94	95	94	96	95	93	90	91	92	94	98	95	97	99	98	96	98	97	96	98	100	102	101	102		95.3
	Minimum	60	62	60	62	65	66	65	66	66	66	67	65	66	51	54	63	66	63	59	63	65	65	65	64	62	61	65	68	66	65		63.4
Harrison	Maximum	98	93	85	89	89	94	94	95	95	94	87	87	87	88	90	91	93	85	91	96	97	98	101	100	98	100	101	102	104	90		93.7
	Minimum	63	64	65	61	62	67	65	65	71	67	65	62	58	58	65	63	69	66	58	63	70	67	71	71	68	68	70	70	69	72		65.8
Helena	Maximum	98	98	84	91	80	92	90	88	90	92	86	89	84	89	92	93	84	89	89	91	95	93	93	95	96	99	99	98	97	94		91.6
	Minimum	62	72	65	71	67	68	69	71	73	67	65	66	58	61	63	65	73	67	65	68	74	75	73	73	71	71	73	75	73	70		68.8
Highland	Maximum	97	92	96	94	92	90	93	95	90	88	88	96	94	92	93	92	100	96	97	99	100	96	98	98	97	99	101	102	100	100		95.5
	Minimum	65	66	68	64	63	63	62	65	64	65	64	69	70	65	65	68	74	71	70	70	75	76	75	74	74	74	75	76	73	72		69 2
Hope	Maximum	98	91	95	92	92	96	96	95	96	98	89	94	91	91	93	93	98	98	98	100	98	98	98	98	98	99	101	102	100	101		96.2
	Minimum	69	69	67	68	66	70	70	69	72	72	65	68	67	67	64	67	67	68	69	70	73	74	73	73	70	69	72	72	70	71		69.4
Hot Springs	Maximum	101	97	95	92	90	97	98	97	95	97	92	96	92	94	96	94	97	94	99	101	101	99	99	100	101	103	103	104	104	102		97.7
	Minimum	66	69	67	69	66	70	69	70	72	73	65	68	68	63	65	67	73	69	66	71	77	75	75	75	73	71	72	74	74	69		70.0
Jonesboro	Maximum	97	100	90	92	87	93	91	90	92	89	87	84	86	91	94	96	88	91	93	95	98	97	97	99	99	101	101	101	100	94		93.8
	Minimum	66	70	68	70	67	71	69	71	73	68	65	67	59	61	64	69	76	68	63	61	72	73	76	76	71	73	72	76	77	72		69.5
Lead Hill	Maximum	102	97	87	94	91	97	97	96	98	90	87	86	87	89	89	94	91	89	94	100	101	103	106	104	101	103	105	106	107	96		96.2
	Minimum	61	62	66	63	64	65	65	67	71	68	65	63	57	58	65	64	69	64	57	64	72	67	67	73	67	66	66	71	76	71		65.8
Little Rock.***	Maximum	94	95	87	87	83	91	90	89	90	93	82	88	85	88	92	91	92	88	90	94	94	93	94	94	93	96	98	96	96	97		91.3
	Minimum	68	66	67	66	66	70	74	73	72	68	68	67	68	67	69	70	67	70	71	73	77	75	74	74	74	75	76	78	74	72		71.0
Lutherville	Maximum	99	97	98	89	88	94	93	92	92	94	83	91	87	88	92	93	95	92	90	97	98	99	101	100	97	101	102	102	104	103		95.0
	Minimum	67	67	67	65	65	70	70	70	70	70	66	63	65	63	68	63	64	68	62	67	74	75	72	73	70	68	72	74	75	75		68.6
Magnolia	Maximum	95	93	93	88	91	95	94	94	95	96	86	93	91	92	95	92	95	94	98	99	95	97	97	98	98	98	99	100	99	98		94.9
	Minimum	68	71	68	70	68	71	73	72	73	72	69	69	68	65	67	69	73	68	69	73	73	75	75	74	70	71	73	73	71	72		70.8
Malvern	Maximum	101	98	93	89	90	96	97	95	94	96	88	94	90	91	95	94	98	95	94	101	100	98	98	99	98	101	101	100	102	103		96.3
	Minimum	64	67	67	67	67	68	68	68	70	71	66	66	67	60	64	66	74	66	65	67	74	71	69	70	68	66	70	71	71	72		68.0
Mammoth Spring	Maximum	96	97	93	92	87	93	94	89	93	86	82	84	86	87	92	92	93	89	90	93	98	97	99	99	92	93	95	97	99	93		92 3
	Minimum	66	64	65	66	64	66	66	68	70	64	64	62	54	56	58	64	63	60	59	61	72	71	72	69	69	70	72	73	73	74		65.8
Marianna	Maximum	96	97	94	90	87	91	91	88	90	90	90	89	88	90	92	94	93	92	91	91	95	93	94	95	96	99	99	97	97	93		92.7
	Minimum	63	62	66	70	68	69	70	70	72	72	62	69	60	60	63	62	74	70	66	63	75	75	74	73	73	72	73	76	74	72		68.9
Marked Tree§§	Maximum	98	100	90	93	80	92	93	91	92	88	87	85	88	92	96	98	82	91	93	93	97	95	100	97	97	98	100	100	99	78		92.8
	Minimum	61	65	66	66	67	68	67	72	70	65	64	65	55	58	62	61	71	67	61	61	68	72	73	73	71	70	72	73	72	69		66.8
Marshall	Maximum	98	93	85	89	89	94	94	95	93	96	85	84	85	90	91	92	92	83	96	94	99	98	102	99	99	101	100	99	100	96		93.7
	Minimum	60	60	63	62	63	63	69	64	70	66	64	58	54	54	62	59	66	62	50	52	74	74	75	71	67	64	67	69	70	73		64.2
Mena	Maximum	98	95	89	87	85	88	91	92	95	91	85	90	92	93	93	93	96	91	98	101	99	98	101	100	99	100	98	100	101	98		94.6
	Minimum	68	65	66	65	69	66	69	67	70	64	70	65	69	63	66	66	69	68	61	67	73	72	70	73	68	66	69	71	70	73		67.9
Morrilton §§	Maximum	98	93	87	84	82	90	90	90	89	92	82	89	83	86	90	90	94	89	89	93	93	93	94	96	94	99	98	99	99	98		91.4
	Minimum	65	68	67	67	67	68	70	72	74	73	68	67	66	62	66	67	73	70	68	70	75	73	73	74	72	69	72	74	74	74		69.9
Mountain Home	Maximum	102	98	86	91	86	94	94	92	94	89	84	85	87	87	91	92	93	88	92	98	98	99	102	102	98	100	102	103	103	98		94.3
	Minimum	63	65	65	64	65	67	67	68	70	64	65	63	58	58	64	62	72	69	57	63	73	68	73	75	67	65	68	76	70	72		66.5
Mount Ida	Maximum	98	96	88	87	87	92	93	93	91	94	86	92	89	89	93	93	99	94	95	98	97	96	98	98	97	99	99	100	100	102		94.4
	Minimum	60	62	63	62	63	65	64	64	68	66	64	64	64	59	61	62	66	64	57	63	71	66	65	67	63	61	64	68	67	65		63.9
Newport	Maximum	100	101	91	93	81	93	95	91	92	91	86	85	87	90	96	98	91	93	94	96	98	97	108	100	99	102	103	103	101	101		94.9
	Minimum	66	67	69	68	67	71	70	72	72	68	67	65	60	59	65	68	76	69	61	64	74	73	76	75	71	69	71	74	73	71		69.0
Okay	Maximum	97	95	94	88	90	94	94	94	94	96	93	94	90	91	93	94	97	96	96	99	96	97	98	96	96	98	100	101	97	100		95.8
	Minimum	64	65	63	62	65	68	70	78	61	71	65	67	68	64	66	67	68	66	64	69	73	73	71	70	69	66	71	72	71	69		68.2
Ozark§§	Maximum	101	99	90	88	89	94	93	95	98	100	85	92	88	99	95	95	98	92	95	102	101	101	105	100	101	103	101	102	105	108		97.2
	Minimum	65	67	68	68	66	68	70	73	74	73	66	66	68	67	68	68	73	67	62	67	73	72	73	74	70	69	71	76	76	74		69.7
Pine Bluff	Maximum	97	95	90	90	83	89	91	87	90	91	85	89	86	87	91	92	93	88	91	95	94	94	93	93	93	96	98	98	95	98		91.7
	Minimum	68	69	67	71	67	71	72	71	72	72	70	69	69	64	69	70	71	69	70	71	76	76	75	75	74	73	75	75	74	75		71.3
Pocahontas	Maximum	99	101	91	93	92	93	94	92	94	90	84	85	87	90	95	96	91	89	92	94	97	98	98	99	98	100	101	101	101	98		94.
	Minimum	64	63	65	66	67	68	66	68	70	67	64	63	55	57	61	65	74	65	58	58	70	69	72	72	66	69	69	72	71	72		66.
Portland	Maximum	98	95	92	93	86	93	94	92	93	94	90	94	88	90	93	91	93	94	94	97	95	95	95	95	95	98	99	97	96	99		93.
	Minimum	68	69	65	68	66	66	70	69	70	70	69	67	69	62	64	66	70	67	67	67	70	70	69	67	68	70	72	70	69	71		68.
Prescott	Maximum	99	97	93	90	89	95	94	93	95	96	94	95	93	91	93	93	98	96	97	99	98	97	97	97	96	99	99	100	99	100		95.
	Minimum	69	71	67	67	66	69	71	69	72	72	65	70	68	64	65	69	73	70	68	71	74	75	74	73	70	70	73	74	72	72		70.
Searcy	Maximum	98	97	86	90	86	91	91	90	90	93	84	89	85	89	93	93	92	91	91	94	95	95	96	98	97	99	100	100	99	99		93.
	Minimum	63	65	66	65	66	69	69	71	70	65	66	65	61	59	64	66	69	67	63	64	73	69	70	70	70	66	70	73	71	70		67.
Stuttgart	Maximum	98	98	88	92	81	91	91	90	92	93	87	88	85	88	93	92	91	89	93	95	97	96	95	96	96	97	99	99	98	99		92.
	Minimum	65	67	65	70	66	69	71	72	72	67	67	67	63	63	65	68	74	68	68	68	74	73	72	70	70	70	73	74	72	72		69.
Subiaco	Maximum	101	100	96	90	91	95	96	94	94	100	87	93	92	94	95	98	98	94	98	102	102	101	106	104	102	105	104	103	106	105		98.
	Minimum	65	68	66	67	64	68	70	71	73	72	66	65	67	64	67	66	70	69	63	69	73	72	72	75	72	69	72	75	74	74		69.
Sunset	Maximum	94	94	85	81	81	87	86	87	87	91	82	85	83	85	84	88	87	82	87	91	88	91	94	93	93	94	95	98	98	94		88.
	Minimum	71	68	66	64	62	68	71	71	70	71	56	63	65	66	68	67	70	64	60	70	74	71	74	74	70	67	72	74	74	70		68.
Texarkana	Maximum	95	91	90	91	90	94	92	91	92	94	87	91	91	91	93	92	97	93	96	98	94	94	95	95	94	97	99	101	97	99		93.
	Minimum	64	63	64	64	58	63	65	70	69	71	62	65	67	65	66	67	70	70	67	65	73	70	72	70	71	73	74	76	69	71		67.
Thornburg	Maximum	99	99	90	87	86	93	93	90	89	93	85	90	77	89	93	93	96	96	92	96	95	96	97	99	98	99	101	101	101	100		93.
	Minimum	58	60	64	61	63	64	62	63	72	67	64	61	62	53	58	59	69	59	58	71	73	73	71	75	67	64	64	68	69	68		64.
Warren	Maximum	100	98	94	101	90	94	95	89	93	96	96	96	95	91	94	93	96	94	95	99	96	98	98	97	98	101	100	99	100	101		96
	Minimum	71	75	69	70	67	70	72	70	71	72	68	69	71	63	66	68	75	69	71	71	74	75	75	74	74	74	75	75	72	74		71.
Wilson	Maximum	97	98	98	94	85	92	91	90	93	92	87	85	84	88	93	93	89	91	90	92	96	95	95	97	97	99	99	100	98	98		93
	Minimum	62	66	68	68	66	66	67	71	70	64	60	66	56	59	62	65	65	66	60	63	72	74	73	70	72	69	72	72	74	70		66
Wynne	Maximum	98	99	88	93	80	91	90	89	86	85	85	84	84	90	93	94	92	89	90	93	96	96	96	93	95	99	101	100	99	82		91
	Minimum	66	67	66	70	67	69	69	72	73	66	64	67	59	63	63	67	66	68	61	66	68	74	73	74	73	71	74	73	74	71		68

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

1.05
AR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

oL. XXXIX   LITTLE ROCK, ARK., JULY, 1934   No. 7

GENERAL SUMMARY

July, 1934, was the warmest July on record in western and orthwestern portions of the State but in central and eastern ortions it was not quite so warm as July, 1930. The State ean, however, was the highest on record, being 0.8° higher an that of July, 1930. Maximum temperatures were 100° r higher during the entire month at Ozark, for 28 days at ubiaco, and for 27 days at Lead Hill, while a number of staons in the northwestern portion and along the western border ad 20 or more days with 100° or higher. The average temerature for the State, based on the records of 60 stations, was 5.5° which is 5.1° above the mean for the past 44 years. All ations had positive departures and in the western portion in me sections temperatures were above normal for every day of e month, while in central and eastern portions there were om three to five days with temperatures normal or below. onthly means ranged from 79.9° at Dutton to 89.2° at Fort mith. The highest temperature recorded was 112° at Thornurg on the 20th and at Lutherville on the 24th; the lowest, 7° at Dutton on the 7th.

The average precipitation for the State for the 88 stations reorting was 1.66 inches which is 2.15 inches below the mean r the past 44 years. This is the lowest average since 1930 nd the fourth lowest on record. Rainfall was decidedly defiient in the northwestern portion of the State and in many orthern and western counties. Gravette had only 0.04 inch uring the month, Mountain Home 0.12 inch, and Ft. Smith .15 inch. Showers occurred in most sections during the first eek of the month, in the northern portion about the middle f the month, and in most sections from the 27th to the 31st. owever, much of the beneficial effects of the rains was offset y the high temperatures prevailing during this time. Of the tations with records of 10 years or more, only four had posiive departures and these were caused by locally heavy rains. onthly totals ranged from 0.04 inch at Gravette to 5.71 nches at Marked Tree. The greatest amount measured in any 4-hour period was 4.65 inches at Marked Tree on the 7th.

In the highlands cotton was small and blooming in the top t the close of the month. Corn was almost a failure in all ill sections and has been badly damaged in many sections of he lowlands. Meadows, pastures, truck, and gardens were adly damaged in all sections of the uplands. Peaches were lentiful but were small and generally of poor quality. All treams remained at low stages during the month. T.A.M.

Miscellaneous Data

Tornadoes:--Subiaco, 14th, 6 p. m., from west, path narrow, property amage $4,000.

Windstorms:--Camden, 6th, considerable damage, plate glass windows roken and signs blown down. Little Rock and vicinity, 15th, $40,000 amage, plate glass windows broken, Dixie Cotton Oil Co. seedhouse nroofed, large number of shade trees blown down. North Little Rock, 6th, several thousand dollars damage, plate glass windows broken, signs, awnings, and shade trees blown down. Grannis, 30th, $250 damage to buildings, signs, and trees.

Heavy Hail:--North Little Rock, 15th, slight damage. Thornburg, 30th, considerable damage to melons, truck crops, and fruit trees.

Killed or Injured by Lightning:--Hope, 6th, two injured, one seriously; near Newport, 6th, one killed; near Mountain Home, 14th, one killed, five slightly injured.

Slight earthquake at Jonesboro 9:15 p. m. 2nd.

Errata:--Page 26, wind direction at Fayetteville and Prescott should be south.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..
Light Hail	..	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..
Moderate Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Heavy Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Thunderstorms	22	16	4	1	8	17	7	1	..	2	..	..	..	18	22	15	4	6	2	7	..	..	1	11	6	23	16	14	1	20	3

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29 92	30.06	10	29.61	13	5.4	22	sw	14	....		....	93
Fort Smith	29 92	30.10	9	29.71	13	7.0	30	se	15	66	32	31	85
Little Rock	29.96	30.17	9	29.78	13	7.4	34	n	16	78	45	49	90
Memphis	29.97	30.19	9	29.79	13	6.7	28	nw	30	77	55	56	75

COMPARATIVE DATA FOR JULY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	−3.9	103	50	7.24	+3.43	12.86	2.10	0	10	13	8	10
1892	79.0	−1.4	104	52	3.58	−0.23	7.51	0.65	0	10	10	11	10
1893	80.9	+0.5	103	59	2.94	−0.87	7.31	0.51	0	6	17	11	3
1894	78.4	−2.0	108	51	3.98	+0.17	10.52	1.08	0	6	17	9	5
1895	78.9	−1.5	104	55	7.34	+3.53	16.74	1.34	0	12	12	10	9
1896	83.4	+3.0	110	52	1.61	−2.20	7.50	0.00	0	4	16	11	4
1897	82.4	+2.0	109	50	3.25	−0.56	8.19	0.65	0	5	16	11	4
1898	79.9	−0.5	105	50	4.25	+0.44	13 97	0.60	0	8	12	13	6
1899	79.0	−1.4	100	52	5.14	+1.33	10.12	0.97	0	8	15	11	5
1900	79.7	−0.7	102	51	4.46	+0.65	8.37	1.09	0	9	10	15	6
1901	83.7	+3.3	116	50	2.49	−1.32	7.55	0.20	0	6	15	13	3
1902	79.4	−1.0	105	50	4.49	+0.68	13.94	0.37	0	6	14	12	5
1903	79.6	−0.8	105	53	3.86	+0.05	8.27	1.31	0	9	13	12	6
1904	77.9	−2.5	104	49	4.43	+0.62	9.06	1.06	0	10	13	13	5
1905	76.7	−3.7	106	51	7.60	+3.79	22.35	1.84	0	13	10	13	8
1906	76.7	−3.7	99	48	5.96	+2.15	12.95	0.97	0	10	13	9	9
1907	81.4	+1.0	108	53	1.96	−1.85	5.32	T.	0	4	21	8	2
1908	79.2	−1.2	103	48	3.00	−0.81	5.95	0.97	0	8	15	12	4
1909	81.9	+1.5	106	50	2.51	−1.30	6.94	0.65	0	5	19	9	3
1910	79.4	−1.0	105	41	5.46	+1.65	12.44	0.10	0	10	15	12	4
1911	78.4	−2.0	106	43	4.83	+1.02	9.48	2.42	0	11	9	14	8
1912	81.3	+0.9	104	56	2.82	−0.99	7.15	0.38	0	6	15	13	3
1913	81.5	+1.1	104	55	4.31	+0.50	11 54	0.52	0	8	13	14	4
1914	82.6	+2.2	107	54	2.69	−1.12	7 51	0.32	0	7	11	15	5
1915	77.1	−3.3	107	43	2.40	−1.41	9.79	0.32	0	5	20	7	4
1916	82.8	+2.4	106	55	2.09	−1.72	5.89	0.25	0	6	19	9	3
1917	79.6	−0.8	106	50	5.10	+1.29	10.60	2.00	0	8	15	9	7
1918	79.6	−0.8	111	49	1.53	−2.28	5.93	0.06	0	4	19	7	5
1919	81.2	+0.8	104	54	1.91	−1.90	7.35	0.10	0	5	19	8	4
1920	79.8	−0.6	105	52	4.22	+0.41	8.40	0.85	0	7	15	10	6
1921	82.0	+1.6	107	54	2.42	−1.39	5.46	0.30	0	6	19	8	4
1922	80.2	−0.2	106	48	4.12	+0.31	8.90	0.96	0	7	14	11	6
1923	79.9	−0.5	105	48	3.53	−0.28	7 86	0.33	0	6	16	9	6
1924	79.0	−1 4	110	40	2.35	−1.46	9.46	0.00	0	5	18	8	5
1925	81.8	+1.4	109	47	4.99	+1.18	10.41	0.59	0	10	11	11	9
1926	79.8	−0.6	109	42	3.55	−0.26	8.03	0.61	0	8	17	9	5
1927	79 6	−0.8	104	49	4.25	+0.44	8.63	0.58	0	6	17	9	5
1928	80.3	−0.1	102	52	3.66	−0.15	9.84	0.46	0	8	17	8	6
1929	81.2	+0.8	105	51	3.07	−0.74	8.44	0.44	0	7	17	10	4
1930	84.7	+4.3	115	42	0.74	−3.07	3.80	0.00	0	2	21	8	2
1931	81.0	+0 6	106	48	6.00	+2.19	13 00	2.13	0	11	12	11	8
1932	82.5	+2.1	108	50	5.00	+1.19	12.31	1 67	0	9	16	9	6
1933	81.4	+1.0	109	55	5.01	+1.20	12.89	1.16	0	9	12	10	9
1934	85.5	+5.1	112	57	1.66	−2 15	5.71	0.04	0	4	20	9	2
Period	80 4	.. ...	116	40	3.81	.....	22.35	0.00	0	7	15	11	5

Daily River Stages for July, 1934

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.9	3.7	3.6	3.6	3.4	3.4	3.2	3.0	2.9	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.3	2.2	2.2	2 2	2.1	2.0	2 0	2.0	2.0	2.0	2.0	1,8
Ozark	do	22	0.2	0.0	-0.2	-0.3	-0.4	-0.5	-0.6	-0.6	-0.7	-0.8	-1.0	-1.1	-1.1	-1.1	-1.1	-1.2	-1.3	-1.3	-1.4	-1.4	-1.5	-1.5	-1.5	-1.6	-1.7	-1.7	-1.8	-1.9	-1.9	-1.9	-1.9
Dardanelle	do	22	3.6	3.4	3.2	3.0	3.0	2.9	2 7	2.7	2.6	2.5	2.4	2.4	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1 0	1.0	0 9	0.8
Morrilton	do	20	-0.6	-1.0	-1.2	-1.5	-1.6	-1.7	-1.7	-1.9	-2.0	-2.0	-2.0	-2.2	-2.3	-2.4	-2.4	-2.3	-2 1	-2.1	-2.4	-2.6	-2.7	-2.8	-2.9	-2.9	-3.1	-3.1	-3.1	-3.1	-3 1	-3.2	-3.2
Little Rock	do	23	-0.4	-0.7	-1.1	-1.3	-1.5	-1.7	-1.7	-1.8	-2.0	-2.1	-2.1	-2 2	-2.4	-2.5	-2.6	-2.6	-2.5	-2.4	-2.4	-2.5	-2.8	-3.0	-3.0	-3.2	-3.2	-3.4	-3.5	-3.5	-3.5	-3.5	-3.6
Pine Bluff	do	25	3.8	3.7	3.4	3.1	2.9	2.7	2.5	2.5	2.4	2 3	2.1	2.0	1.9	1 8	1.7	1.6	1.7	1.6	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.9	0 8	0.8	0.8
Danville	Petit Jean	20	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	4.5	7.9	4.2	2.0	1.6	1.5	1.5	1.4	1.4	1 2	1.0	0.9	0.9	1.3	1.3	1.0

SEP 12 193

Climatological Data for July, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	85.9	+5.2	110	24	64	31	39	2.97	−0.58	1.20	0.0	5	12	19	0	s.	J. W. Campbell
Arkadelphia	Clark	250	39	......	......	......	......	......	......	......	1.34	−2.49	1.00	0.0	5	24	7	0	sw.	W. K. Bown
Arkansas City	Desha	145	50	......	......	......	......	......	......	......	1.98	−1.64	1.44	0.0	4	20	2	9	......	Herbert Neff
Arlberg	Stone	700	12	......	......	......	......	......	......	......	1.56	−2.38	0.61	0.0	4	..	..	..	......	J. D. Reeves
Batesville	Independence	277	35	84.0	+4.4	110	24	65	3†	44	4.33	+1.07	3.38	0.0	5	24	5	2	se	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	85.8	+5.4	108	24	66	31	38	0.81	−2.60	0.40	0.0	4	19	12	0	s.	J. E. Scanlan
Bentonville	Benton	1303	29	84.6	+7.2	108	24	62	29	35	1.93	−1.77	1.32	0.0	2	12	17	2	sw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	4	......	......	......	......	......	......	......	0.97	......	0.45	0.0	3	24	7	0	......	C. J. Brooks
Black Rock	Lawrence	259	33	......	......	......	......	......	......	......	1.20	−2.45	0.76	0.0	4	26	1	4	s.	Vernon C. Howe
Blytheville	Mississippi	252	9	83.8	......	104	24	66	9†	33	1.20	......	0.65	0.0	6	23	5	3	s.	Samuel Norris
Booneville	Logan	465	20	87.8	+6.5	108	24	67	3	38	1.43	−1.85	1.43	0.0	1	13	18	0	s.	F. H. Randolph
Brinkley	Monroe	205	47	85.2	+4.2	108	23	67	29	36	2.63	−1.20	1.58	0.0	5	25^{a}	3^{a}	2^{a}	se.	R. J. Torry
Calico Rock	Izard	361	30	87.2	+7.3	111	24	64	3	44	0.27	−3.17	0.27	0.0	1	19	11	1	se.	E. R. Wiseman
Camden	Ouachita	158	49	85.2^{a}	+4.2	107^{a}	23	65^{a}	7	38^{b}	2.16	−1.63	1.40	0.0	4	16	13	2	sw.	J M. Knight
Carthage	Dallas	297	29	83.6	......	104	23	63	7	36	1.50	−2.56	1.25	0.0	2	20	9	2	s.	P. K. Wylie
Center Point	Howard	470	35	......	......	......	......	......	......	......	..	......	....	....	..	..	..	..	......	John C. Floyd
Clarendon	Monroe	172	30	......	......	......	......	......	......	......	2.29	−0.69	0.85	0.0	5	19	6	6	sw.	J. W. Bishop
Clinton	Van Buren	516	13	......	......	......	......	......	......	......	0.81	−1.56	0.48	0.0	3	17	14	0	s.	A L. Stephens
Conway	Faulkner	309	51	87.0	+5.4	111	24	67	31	38	0.44	−2.93	0.36	0.0	2	23	8	0	s.	E. E Cordrey
Corning	Clay	293	41	86.2	+7.0	111	24	61	29	42	1.38	−2.08	0.55	0.0	6	24	7	0	se.	Winfred D. Polk
Cotter	Baxter	408	7	......	......	......	......	......	......	......	0.80	......	0.70	0.0	2	20	10	1	......	O. B. McSpadden
Crosset	Ashley	175	22	83.8	+1.4	104	23	62	7	32	4.36	+0.01	2.10	0.0	5	15	12	4	s.	G. A Gifford
Danville	Yell	327	18	......	......	......	......	......	......	......	1.81	−1.35	0.92	0.0	3	22	9	0	......	J. M. Patterson
Dardanelle	Yell	330	48	86.8	+5.1	108	24	67	3†	36	0.74	−2.63	0.67	0.0	3	5	24	2	s.	Geo. N. Goodier
De Valls Bluff	Prairie	153	7	......	......	......	......	......	......	......	1.07	......	0.96	0.0	4	18	13	0	s.	Mrs. Frank O'Rourke
Dumas	Desha	162	29	86.2	+4.4	109	24	69	8	34	0.47	−3.13	0.23	0.0	3	8	20	3	s	Ben Johnson
Dutton	Madison	1590	31	79.9	+4.7	108	24	57	7	46	1.59	−2.62	0.92	0.0	4	22	9	0	s.	J. M. Ricketts
El Dorado	Union	270	34	86.0	+4.0	106	23	69	7	32	1.52	−2.42	0.95	0.0	4	11	16	4	sw.	J. J. Babb
England	Lonoke	229	27	85.4^{c}	+4.1	107^{c}	22†	68^{c}	31	33^{c}	1.39	−1.24	0.61	0.0	4	23^{c}	3^{c}	2^{c}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	87.0	+9.0	110	24	64	7	36	1.32	−2.77	0.96	0.0	4	24	7	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	85.5	+7.5	107	24	62	7	36	1.35	−2.80	0.68	0.0	2	18	12	1	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	89.2	+7.7	107	24	71	14	33	0.15	−3.22	0.15	0.0	1	17	13	1	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	10	......	......	......	......	......	......	......	1.50	......	1.18	0.0	3	27	4	0	sw.	R. J. McCuiston
Fulton	Hempstead	260	49	......	......	......	......	......	......	......	1.05	−2.27	0.39	0.0	6	19	8	4	......	T. J. Logan
Georgetown	White	200	22	......	......	......	......	......	......	......	1.65	−1.04	1.23	0.0	4	27	3	1	......	Mrs. W. R. Owens
Grannis	Polk	900	15	84.4	+5.6	109	24	63	31	44	2.43	−1.64	1.40	0.0	5	23	7	1	se.	W. E. McVay
Gravette	Benton	1250	37	85.7	+8.5	109	24	61	29	39	0.04	−4.07	0.04	0.0	1	19	12	0	s.	Max W. Schmidt
Harrison	Boone	1052	34	86.2	+9.4	108	13†	60	29	41	0.45	−3.58	0.21	0.0	5	28	3	0	se	Louis R. Keck
Helena	Phillips	250	62	84.2	+2.6	101	24	68	1†	28	3.47	−0.29	1.20	0.0	7	7	17	7	sw.	James A. Burnett
Higden	Cleburne	445	15	......	......	......	......	......	......	......	1.48	−1.38	0.48	0.0	4	24	7	0	s.	Trumon Brown
Highland	Pike	600	15	86.8^{a}	......	109^{a}	24	63^{a}	6	35^{a}	3.84	+1.37	2.35	0.0	3	12	19	0	......	J. O. Cooley
Hope	Hempstead	377	64	86.0	+4.6	108	18†	65	31	41	1.77	−2.55	0.65	0.0	6	23	5	3	sw.	N. P. O'Neal
Hot Springs	Garland	600	43	87.6	+6.1	110	23	68	3†	39	1.45	−2.76	0.85	0.0	3	12	19	0	s.	National Park Service
Index	Little River	275	9	......	......	......	......	......	......	......	1.54	......	0.68	0.0	4	25	2	4	......	H. C. Sanderson
Jessieville	Garland	750	8	......	......	......	......	......	......	......	1.05	......	0.50	0.0	3	14	17	0	sw.	U. S. Forest Service
Jonesboro	Craighead	345	39	86.2	+5.8	107	23†	68	29	34	0.62	−2.61	0.25	0.0	5	18	8	5	e.	Benedictine Sisters
Lead Hill	Boone	650	28	87.0	+7.6	111	13†	60	29	43	1.43	−2.85	0.56	0.0	5	27	4	0	sw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	85.0	+4.1	103	23	67	6	29	2.28	−1.22	1.05	0.0	4	19	9	3	sw.	U. S. Weather Bureau
Lutherville‡‡	Johnson	775	35	88.0	+8.4	112	24	66	29	37	0.20	−3.49	0.10	0.0	3	19	11	1	se.	H. G. Lenhardt
Madison	St. Francis	209	4	......	......	......	......	......	......	......	1.65	......	1.02	0.0	3	26	0	5	......	J. W. Eppes
Magnolia	Columbia	315	18	85.4	+3.3	106	18	67	23	38	2.10	−1.34	1.50	0.0	3	11	18	2	s.	State Agri. School
Malvern	Hot Springs	277	48	85.8	+4.7	109	17†	63	30	43	1.42	−2.10	0.64	0.0	5	27	4	0	se.	Mrs. W. L. Matthews
Mammoth Spring	Fulton	600	30	84.4	+6.2	108	24	63	29	40	1.08	−2.33	0.68	0.0	2	16	14	1	sw.	S. F. Whittaker
Marianna	Lee	235	23	84.2	+3.4	103	23	69	1†	29	0.95	−2.11	0.38	0.0	6	21	10	0	s.	C. N. Houck
Marked Tree	Poinsett	229	30	83.6	+2.8	104	24	66	7†	32	5.71	+2.45	4.65	0.0	3	21	9	1	n.	Charles Walton
Marshall	Searcy	1070	20	84.6	+5.7	108	24	60	3	41	2.26	−1.52	0.78	0.0	8	20	10	1	s	A. J. Parks
Mena	Polk	1207	46	86.0	+6.1	108	24	65	3	37	2.62	−1.42	1.10	0.0	5	16	10	5	sw.	E. W. St. John
Morrilton	Conway	347	15	85.8	+3.0	105	24	67	31	32	0.62	−1.83	0.60	0.0	2	21	9	1	s.	Miss Ruby Cook
Mountain Home	Baxter	800	22	86.8	+8.6	111	24	60	29	43	0.12	−4.22	0.05	0.0	3	17	13	1	sw.	B. S. Halbert
Mount Ida	Montgomery	650	35	84.0	+4.4	108	24†	61	23†	46	1.57	−2.00	0.80	0.0	3	23	4	4	sw.	G. A. Whittington
Newport	Jackson	231	51	86.0	+4.8	110	24	66	29	36	2.62	−0.44	2.30	0.0	2	20	11	0	n.	J. D. Henderson
Norman	Montgomery	750	6	......	......	......	......	......	......	......	0.64	......	0.30	0.0	4	20	7	4	......	U. S. Forest Service
Oden	Montgomery	800	8	......	......	......	......	......	......	......	0.76	......	0.47	0.0	4	13	16	2	sw.	U. S. Forest Service
Okay	Howard	288	5	84.4	....	107	24	65	31	38	2.74	......	1.14	0.0	4	25	5	0	s.	Charles R. Jackson
Osceola	Mississippi	240	38	86.2	+5.8	108	23†	69	1†	33	1.09	−2.38	0.38	0.0	5	17	9	5	s	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	89.0	+7.2	110	13†	68	29†	42	1.77	−1.63	1.76	0.0	2	28	3	0	se.	Orkney O. Milton
Paragould	Greene	301	11	......	......	......	......	......	......	......	1.11	......	0.52	0.0	4	26	4	1	sw.	W. R. Heagler
Parkin	Cross	222	4	......	......	......	......	......	......	......	1.19	......	0.82	0.0	2	22	3	6	......	Carroll King
Patterson	Woodruff	196	18	......	......	......	......	......	......	......	2.18	−0.89	1.44	0.0	4	22	9	0	sw.	W. E. Baker
Piggott	Clay	307	10	......	......	......	......	......	......	......	1.74	......	0.92	0.0	3	17^{j}	3^{j}	1^{j}	......	V. C. Wright
Pine Bluff	Jefferson	215	47	85.6	+3.2	104	23	70	7	27	0.46	−2.98	0.42	0.0	3	17	12	2	se	Miss Theresa Scheu
Pocahontas	Randolph	300	41	84.9	+4.7	110	24	62	29	40	1.25	−2.95	0.58	0.0	5	16	8	7	sw.	Benedictine Sisters
Portland	Ashley	122	28	82.7	+0.9	100	16†	67	8	30	2.75	−1.09	1.28	0.0	5	16	13	2	sw.	W E. Edmiston
Prescott	Nevada	329	46	86.2	+4.3	108	24	65	7	33	2.18	−1.03	0.68	0.0	5	19	10	2	w.	Craig Williams
Rison	Cleveland	243	34	......	......	......	......	......	......	......	....	......	..	...	..	..	..	.	......	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	86.0	+8.9	110	24	60	29	43	0.50	−3.58	0.26	0.0	2	28	3	0	sw.	Carl A. Starck
St. Charles	Arkansas	175	3	......	......	......	......	......	......	......	...	......	....	..	..	..	..	.	......	
St. Francis	Clay	290	7	......	......	......	......	......	......	......	2.35	......	0.97	0.0	6	26	5	0	......	S. T. Rooney
Searcy	White	236	24	84.4	+3.7	108	24	66	29	37	1.64	−0.92	1.03	0.0	5	25	3	3	sw.	Arthur D. Smith
Story	Montgomery	700	10	......	......	......	......	......	......	......	2.25	......	1.20	0.0	3	25	6	0	s.	S. C. Story
Stuttgart	Arkansas	209	47	84.6	+3.6	105	23	69	7†	31	2.52	−1.10	1.20	0.0	6	24	4	3	se.	Mrs. Kress Swim
Subiaco	Logan	1050	37	88.6	+7.1	110	24	67	3†	39	1.97	−1.34	0.97	0.0	4	18	11	2	s.	New Subiaco Abbey
Sunset	Washington	2250	3	84.2	......	106	24	63	15	31	2.26	......	1.21	0.0	6	28	3	0	sw.	Walter James
Texarkana	Miller	332	49	85.2	+2.8	109	24	65	7	39	2.25	−1.17	0.82	0.0	6	23	5	3	s.	H. S. Brashear
Thornburg	Perry	650	14	85.0	+5.7	112	20	60	31	45	1.88	−2.31	1.21	0.0	4	17	14	0	s.	Edward E. Holmes
Waldron	Scott	675	15	......	......	......	......	......	......	......	0.78	−2.66	0.51	0.0	5	10	19	2	se.	Dr. Cheves Bevill
Warren	Bradley	206	40	86.8	+4.6	107	17	69	7	34	1.11	−2.23	0.59	0.0	4	17	11	3	sw.	Miss Evelyn Hoyle
Waters	Montgomery	800	10	......	......	......	......	......	......	......	1.28	......	0.57	0.0	3	21	8	2	sw.	J R. Huddleston
Wilson	Mississippi	237	9	83.1	......	103	24	67	7†	31	4.19	......	1.10	0.0	7	20	5	6	s.	D. O. Anderson
Wynne	Cross	250	26	84.7	+3.4	106	24	62	29	33	1.72	−1.67	0.86	0.0	5	20	11	0	s.	R. T. Cobb
Yancopin	Desha	167	10	......	......	......	......	......	......	......	2.53	......	1.42	0.0	5	19	3	9	......	W. E. Barton
State Means				85.5	+5.1	112	20†	57	7	46	1.66	−2.15	4.65	0.0	4	20	9	2	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters $^{a, b, c}$, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in italics partly interpolated.

Daily Precipitation for July, 1934

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		.42					1.20																					.15	.54		.66	2.97
Arkadelphia	Ouachita	15						1.00																					.01	.16		.02	1.34
Arkansas City	Mississippi	.33						1.44												T.											.06	.15			1.98
Arlberg	White						.61				.10						.33													.52				1.56
Batesville	White	3.38	.41					.35										T.	T.									.13		.08			4.33
Bee Branch	Arkansas						.40									.22													.16		.03		0.81
Bentonville ***	Arkansas	T.														.61	T.												1.32					1.93
Big Lake Outlet	St. Francis	T.					T.	.44	.08							T												T.	.45				0.97
Black Rock	White	.76						.24	T.							.14	.06													T.				1.20
Blytheville	St Francis	19	.05				.01	.65	.01								T.													.29					1.20
Booneville	Arkansas															1.43									T.						T.		1.43
Brinkley	White	.67						.30										.07										.01		1.58			2.63
Calico Rock	White																T.												.27			T	0.27
Camden	Ouachita	.55						1.40																					.20	.01			2.16
Carthage	Ouachita	.25						1.25																						T.			1.50
Center Point	Red																																....
Clarendon	White	.19	T.					T.	.33									.85										T.	.20	.64			2.29
Clinton	White														.48												T.	.24			.09		0.81
Conway	Arkansas							.08																					.36				0.44
Corning	White	.02	.05					.36										.35										.05	.55			T.	T.	1.38
Cotter	White															.10												T.	.70				0.80
Crossett	Ouachita	2.10	.15			.01		1.50																					T.		.60		4.36
Danville	Arkansas															.55													.34			.92	1.81
Dardanelle	Arkansas	.03														.67													.04				0.74
De Valls Bluff	White		.09	T.			T.	.01								T.	.01		T										.96					1.07
Dumas	Mississippi			T.		.22	.23									T.	T.											T.	.02	T.			0.47
Dutton	White					T.	.14								T.	T.		T.							.24		.92	.29			T.		1.59
El Dorado	Ouachita	.10	.95					.32																					.15				1.52
England	Arkansas	.02	.38				.38									T.												T.	.61				1.39
Eureka Springs	White						.13										.96										.10	.13					1.32
Fayetteville	White	T.					T.										.67				T.							.68					1.35
Fort Smith ***	Arkansas	T.													.15												T.				T.		0.15
Freeman Sprgs.	Arkansas	1 18														.18												.14					1.50
Fulton	Red	.08	.25	.18				.39																					.07	.08			1.05
Georgetown	White	.21	T.					1.23																				.17	.04				1.65
Grannis	Red	.30		.62			.01																				T.			1.40	.10	2.43
Gravette	Arkansas																										.04						0.04
Harrison	White						.01								.21	.05											.10	.08					0.45
Helena	Mississippi	.90						.18				.03					.82											.10	.24	1.20			3.47
Higden	White														48		.45										.37		.18				1.48
Highland	Ouachita	.99					2.35																					.50					3.84
Hope	Red	.65	.01	.05			.46																					.20			.40		1.77
Hot Springs	Ouachita		.55				.85																						.05				1.45
Index	Red	.56						.68																					.10	.20			1.54
Jessieville	Ouachita	.45																								.10						.50	1.05
Jonesboro	White	22	.09					.25									.04									.02							0.62
Lead Hill	White						.03								.29	.47											.56	.08					1.43
Little Rock ***	Arkansas		T.				1.05									.94	.28											T.	T.	.01		T.		2.28
Lutherville	Arkansas	.05	.10												T.													T.			.05		0.20
Madison	St. Francis							.43																				.20		1.02			1.65
Magnolia	Red	1.50						.02																				.58					2.10
Malvern	Ouachita	.15		.20				.64																					.35	08			1.42
Mammoth Spg	White																.40										.68	T.					1.08
Marianna	St. Francis	.08	.16				.08										.09											.38	.16				0.95
Marked Tree	St. Francis	.97						4.65																				.09	T.				5.71
Marshall	White	.08					.16								.78				.08					.08			.25	.38	.45				2.26
Mena	Ouachita			.08	.83																			T.				.23	.38			1.10	2 62
Morrilton	Arkansas							T								.60													.02				0.62
Mountain Home	White														.05	T.											.02	.05			T		0.12
Mount Ida	Ouachita						.61																				.16				.80	1.57
Newport	White	2.30						.32																										2.62
Norman	Ouachita	.30		T.				.18											.01							T						.15	0.64
Oden	Ouachita	T.		T.		T.	.03	T.		.01						T.		T.				T.							.25			.47	0.76
Okay	Red	T.	1.09			T.		1.14																				.47	.04			T.	2.74
Osceola	Mississippi	.38					.18																					.05	.15	.33			1.09
Ozark	Arkansas			T.			T									1.76												T.				.01	1.77
Paragould	St. Francis	.23	.08					.28								.52																1.11
Parkin	St. Francis	.82						.37																								1.19
Patterson	White						1.44	.06							.04												.64						2.18
Piggott	St. Francis	.75														.92										T.	.07						1.74
Pine Bluff	Arkansas	.03						.42																					T.	.01			0.46
Pocahontas	White	.58					.22								.10	.18											.17						1.25
Portland	Ouachita	1.28						.60												.50										.01	.36			2.75
Prescott	Ouachita	T.		.68				.68																					.40	.33		.09	2.18
Rison	Ouachita																																....
Rogers (near)	White					T.										.24					T.					T.		.26					0.50
St. Charles	White																																....
St. Francis	St. Francis	.22	.28					.36	T.				T.			T.	.34										.18	.97	T.			T	2.35
Searcy	White						1.03										.05										.03	.13	.40				1.64
Story	Ouachita	.45																											1.20			.60	2.25
Stuttgart	Arkansas	1.20	.27					.15										.55												.24	.11			2.52
Subiaco	Arkansas						.12								.97	.85													.03		T.		1 97
Sunset	Arkansas					.03	.09								1.21	.24								.03			.66					2.26
Texarkana	Red			.20		.35		.60																					.82	.17		.11	2.25
Thornburg	Arkansas	.05				T.	T.									1.21		T.									T.	.12			.50		1.88
Waldron	Arkansas	.06	T		.10											.51										T.				.03		.08		0.78
Warren	Ouachita	.05		T.	T.	.05	T.	.42																					.59				1.11
Waters	Ouachita																	.31											.40			.57	1.28
Wilson	Mississippi	1.00	.01				.90	.80		.10																		1.10	.28				4.19
Wynne	St. Francis	.30	.27					.18																			.86		.11			1.72
Yancopin	Arkansas	1.42						.30									.76	.02											.03	T.			2.53

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.8	2.7	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Calico Rock	do	18	-0.1	-0.3	-0.5	-0.6	-0.7	-0.8	0.6	-0.6	-0.7	-0.8	-0.9	-0.9	-0.8	-0.9	-0.8	-0.6	-0.6	-0.7	-0.9	-0.9	-0.9	-1.0	-1.1	-1.0	-0.9	-0.9	-1.0	-1.0	-0.9	-1.0	-1.1
Batesville	do	23	5.1	4.4	4.3	4.2	4.1	4.0	4.0	4.0	4.0	3.8	3.8	3.7	3.6	3.6	3.7	3.7	3.8	3.9	3.8	3.7	3.6	3.7	3.6	3.5	3.6	3.6	3.8	3.8	3.8	3.6	3.6
Newport	do	26	1.3	1.1	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Georgetown	do	21	0.6	0.6	1.0	0.9	0.7	0.4	0.2	0.1	0.0	-0.1	-0.2	-0.3	-0.4	-0.5	-0.6	-0.7	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-0.9	-0.9	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2
Clarendon	do	26	8.0	7.8	7.7	7.8	7.9	7.8	7.6	7.4	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.9	5.8	5.8
Black Rock	Black	14	1.6	1.4	1.4	1.4	1.4	1.4	1.3	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Arkadelphia	Ouachita	12	-1.4	-1.4	-1.2	-1.2	-1.4	-1.4	-1.2	-1.2	-1.2	-1.2	-1.4	-1.4	-1.2	-1.4	-1.4	-0.4	-1.0	1.2	-0.2	-1.0	-1.2	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.6	-1.6	-1.6
Camden	Ouachita	26	3.9	3.9	3.9	4.0	4.1	4.1	4.2	4.1	4.0	4.3	4.3	4.1	4.0	3.9	3.9	3.9	4.1	4.3	4.7	5.4	4.8	4.0	3.7	3.6	3.6	3.6	3.6	3.9	3.8	3.8	3.7
Fulton	Red	25	6.2	6.2	6.1	6.0	5.8	5.5	5.5	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.0
Helena	Mississippi	41	8.2	7.2	6.8	6.9	6.7	6.7	6.4	5.9	5.7	5.7	5.8	5.7	5.9	5.7	5.1	4.8	5.1	5.9	6.6	7.3	7.6	7.7	7.5	7.1	6.6	6.5	6.8	7.1	6.7	5.9	5.0
Arkansas City	do	48	8.8	8.1	7.2	6.4	6.1	5.9	5.8	5.6	5.2	4.8	4.6	4.5	4.5	4.5	4.4	4.2	3.7	3.6	3.9	4.6	5.3	5.9	6.1	6.1	5.9	5.5	5.2	5.2	5.4	5.4	4.9

Daily temperatures for July, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	94	99	98	99	99	100	96	95	95	94	95	98	95	99	101	104	108	108	106	101	100	102	109	110	104	104	98	92	98	100	97	99.9
	Minimum	70	69	67	70	73	74	67	67	68	71	72	72	75	75	75	71	75	74	74	76	74	74	70	75	77	74	74	73	69	70	64	71.9
Batesville §§	Maximum	97	92	94	95	95	95	88	91	92	94	98	99	101	99	92	102	106	104	104	101	101	103	105	110	103	105	93	93	99	102	101	98.5
	Minimum	68	66	65	68	71	73	68	72	66	67	69	69	71	76	68	68	68	71	73	74	74	66	68	66	70	71	71	71	65	72	69	69.5
Bee Branch	Maximum	99	96	100	98	98	98	94	94	94	98	102	101	104	102	95	103	105	105	103	102	101	104	106	108	102	105	97	93	99	104	104	100.5
	Minimum	69	71	68	70	73	73	69	68	68	69	70	76	75	74	71	71	72	72	74	72	74	69	72	74	76	73	74	72	69	68	66	71.2
Bentonville ***	Maximum	93	98	97	100	98	88	90	98	95	98	97	99	102	103	95	102	103	104	104	104	100	100	102	108	103	102	88	92	96	102	102	95.8
	Minimum	69	68	68	72	76	69	63	61	71	70	72	72	76	68	71	71	72	71	76	75	75	73	68	73	73	73	69	66	62	68	69	70.4
Blytheville	Maximum	91	93	94	95	95	91	89	89	90	94	94	96	100	96	91	98	100	102	98	98	99	101	102	104	100	100	94	89	93	96	96	95.7
	Minimum	68	69	71	71	74	71	70	68	66	70	72	74	76	77	77	70	71	74	74	73	75	71	71	71	78	71	72	70	66	71	74	71.8
Booneville	Maximum	99	100	101	102	102	99	100	100	100	101	103	106	107	107	102	103	104	105	106	103	102	103	105	108	105	107	99	97	101	107	105	102.9
	Minimum	72	71	67	71	73	74	69	75	72	72	71	72	81	77	68	72	72	73	76	78	76	73	68	74	79	74	76	74	69	69	68	72.8
Brinkley	Maximum	94	94	95	96	98	97	94	92	95	97	97	98	101	98	96	105	105	104	102	102	102	104	108	107	104	102	100	91	97	94	98	98.9
	Minimum	68	70	70	70	72	72	68	68	68	71	71	70	74	76	73	70	69	72	74	72	76	70	72	74	77	76	75	69	67	72	71	71.5
Calico Rock§§	Maximum	100	100	101	101	100	98	98	96	98	100	104	105	107	107	96	110	109	110	110	107	106	108	109	111	109	108	92	94	102	106	105	103.5
	Minimum	68	67	64	67	72	76	72	68	67	68	72	72	73	80	69	68	71	71	73	74	75	69	69	67	75	73	75	72	69	72	67	70.8
Camden§§	Maximum	95	100	..	102	98	98	98	96	94	96	97	96	98	98	99	100	103	106	101	99	98	101	107	104	100	94	103	89	96	95	99	98.7
	Minimum	70	70	71	..	72	74	65	70	70	70	70	72	75	76	73	75	73	72	73	73	72	70	69	72	72	72	73	70	69	70	70	71.6
Carthage §§	Maximum	94	96	97	96	95	96	91	92	92	93	95	97	98	98	99	98	97	102	97	100	98	99	104	103	99	99	99	85	94	94	100	96.7
	Minimum	70	70	68	70	70	74	63	70	69	69	69	70	71	75	74	73	77	70	72	70	71	69	68	73	71	74	72	70	65	69	68	70.5
Conway	Maximum	98	98	99	99	99	99	96	96	97	97	100	102	105	105	102	105	109	108	105	104	103	103	109	111	104	105	102	95	98	103	104	101.9
	Minimum	70	71	70	72	74	76	68	69	70	70	71	70	70	76	72	72	73	73	76	76	74	72	72	73	76	74	77	73	68	70	67	72.1
Corning	Maximum	95	99	99	101	101	100	89	92	96	98	102	102	106	99	92	106	106	105	107	105	106	105	110	111	108	104	95	98	100	103	103	101.3
	Minimum	68	66	67	67	71	71	69	69	67	67	73	74	75	79	73	71	72	76	77	75	76	70	70	69	76	71	74	69	61	72	72	71.2
Crossett§§	Maximum	86	95	93	95	94	91	90	91	91	94	94	95	96	96	97	99	100	100	97	98	97	98	104	100	99	96	101	95	90	87	92	95.2
	Minimum	69	71	70	72	74	72	62	70	74	70	70	73	73	74	74	76	73	78	74	73	75	73	72	77	74	73	75	70	72	69	70	72.3
Dardanelle	Maximum	92	97	99	100	97	95	98	97	96	98	101	102	104	104	98	101	104	105	105	103	101	101	105	108	104	105	100	97	100	104	103	100.8
	Minimum	71	71	67	72	74	75	68	72	70	71	71	73	77	77	71	72	75	73	78	77	77	72	70	74	78	75	76	73	68	73	67	72.8
Dumas	Maximum	95	97	99	100	96	85	94	93	97	97	99	100	102	102	102	104	105	103	102	104	104	106	106	109	107	103	101	91	96	94	103	99.9
	Minimum	70	73	73	72	72	71	70	69	70	70	72	72	74	74	70	76	72	73	75	72	72	72	74	75	74	74	79	72	74	72	70	72.5
Dutton	Maximum	90	94	94	96	94	88	93	96	94	94	95	98	100	99	96	100	103	103	93	93	97	97	104	108	100	102	89	90	97	96	99	96.5
	Minimum	63	60	59	66	66	65	57	61	63	62	63	63	68	67	62	61	62	60	66	66	65	61	58	63	65	63	65	66	65	68	62	63.3
El Dorado	Maximum	89	95	95	96	96	95	94	93	93	95	95	97	98	98	102	103	105	105	103	100	100	103	106	104	102	98	95	92	96	94	97	97.9
	Minimum	72	73	73	75	74	75	69	72	72	72	72	75	76	77	79	72	77	76	75	77	75	74	74	80	75	75	75	72	71	72	73	74.2
England	Maximum	92	91	95	99	97	95	92	95	94	95	96	97	98	98	102	102	105	105	102	101	103	107	107	..	101	102	91	88	.	..	99	98.2
	Minimum	70	72	72	72	72	71	69	69	70	70	72	73	74	75	74	72	73	74	74	73	72	74	75	..	76	75	78	72	..	..	68	72.5
Eureka Springs	Maximum	93	95	98	101	98	90	98	100	97	101	100	101	104	104	96	101	103	107	105	106	102	103	106	110	106	105	90	95	101	103	105	100.8
	Minimum	68	67	70	73	76	68	64	69	72	71	76	77	79	78	68	74	76	80	80	79	79	76	75	77	77	74	70	65	65	73	69	73.1
Fayetteville	Maximum	95	100	97	99	98	95	94	98	97	97	98	99	102	102	94	101	102	104	104	102	98	98	102	107	103	103	101	92	97	102	103	99.5
	Minimum	67	65	65	73	75	71	62	65	72	69	74	76	80	80	67	73	72	72	79	79	76	78	69	71	72	74	70	68	63	70	70	71.5
Fort Smith***	Maximum	94	102	100	102	102	94	98	100	98	101	101	103	104	104	103	106	106	106	106	105	102	102	104	107	104	105	99	96	101	106	105	102.1
	Minimum	74	74	73	76	77	77	73	74	74	75	77	79	82	71	72	75	78	76	80	80	80	78	76	80	80	79	78	76	73	74	74	76.3
Gravette	Maximum	94	98	98	102	101	97	92	100	97	100	99	101	104	104	101	104	106	107	107	107	102	102	105	109	105	103	96	95	100	105	105	101.5
	Minimum	68	66	67	71	75	68	62	62	72	65	72	72	75	78	70	69	69	72	74	76	76	71	67	72	74	73	65	68	61	69	68	69.9
Harrison	Maximum	98	98	99	100	101	92	96	99	97	101	102	104	108	108	97	105	107	106	107	104	105	104	106	108	106	108	92	94	100	104	107	102.0
	Minimum	70	67	69	68	72	71	66	68	69	67	71	71	73	76	71	69	74	70	77	77	76	69	68	71	73	73	72	67	60	71	66	70.4
Helena	Maximum	91	92	94	94	94	92	91	90	92	95	93	97	98	97	99	100	100	99	97	97	97	100	100	101	100	98	99	86	92	89	94	95.4
	Minimum	68	71	70	74	74	73	69	68	71	72	72	73	74	75	71	75	73	75	76	72	75	72	78	80	77	76	72	71	69	72	71	72.9
Highland	Maximum	100	101	102	98	96	98	93	95	93	95	95	97	98	99	98	99	105	107	106	106	98	101	107	109	105	104	98	95	98	102	..	99.9
	Minimum	70	76	75	73	76	63	74	72	70	70	72	74	74	76	76	76	78	80	76	74	75	73	72	81	80	76	70	70	70	70	..	73.7
Hope	Maximum	91	99	98	99	99	98	98	96	97	98	100	100	102	102	103	104	106	108	106	103	102	104	107	108	104	104	103	92	100	102	101	101.1
	Minimum	70	71	69	72	72	70	67	71	68	68	69	74	74	74	74	74	72	71	72	74	72	71	66	73	73	73	73	70	67	68	65	70.9
Hot Springs	Maximum	95	97	97	101	98	95	96	96	96	98	98	99	100	101	101	106	107	109	105	105	103	104	110	109	107	106	101	94	100	104	102	101.3
	Minimum	69	71	68	74	73	69	68	71	70	73	76	77	78	77	75	74	77	75	76	77	77	77	71	77	78	79	78	75	69	73	68	73.9
Jonesboro	Maximum	96	95	97	97	97	95	90	92	94	97	98	99	103	97	94	102	104	104	103	102	102	104	107	107	104	102	98	92	97	101	101	99.1
	Minimum	69	69	70	72	74	72	69	70	69	70	74	75	76	78	77	71	71	76	79	74	77	75	73	76	81	75	75	73	68	71	72	73.3
Lead Hill	Maximum	101	103	104	107	106	96	101	104	100	106	108	109	111	110	93	106	107	109	111	106	104	107	110	110	110	106	94	96	101	107	108	104.9
	Minimum	69	65	63	67	71	72	65	68	69	66	70	74	70	72	70	69	71	70	78	77	74	68	67	69	71	72	70	67	60	66	65	69.2
Little Rock ***	Maximum	94	92	95	95	95	94	90	90	91	93	94	93	97	97	97	100	102	100	98	98	97	99	103	103	97	102	94	84	93	97	99	96.0
	Minimum	70	74	73	74	75	67	69	73	73	73	74	73	75	76	69	71	75	78	78	76	76	74	77	80	80	77	77	74	70	70	72	74.0
Lutherville	Maximum	99	98	100	102	99	97	104	103	97	100	103	103	107	108	102	108	109	110	105	104	106	103	108	112	105	106	98	99	101	104	100	103.2
	Minimum	69	70	67	73	75	74	67	73	70	70	71	71	75	76	72	71	77	75	78	75	76	74	73	83	77	75	72	73	66	70	68	72.8
Magnolia	Maximum	93	96	96	99	98	96	96	96	94	94	98	97	100	100	100	102	104	106	103	100	99	102	105	104	100	100	102	92	95	95	98	98.7
	Minimum	71	70	70	74	78	75	68	71	70	69	69	71	74	75	78	75	74	71	73	75	72	72	67	76	74	72	72	71	70	70	73	72.1
Malvern	Maximum	95	96	98	99	99	98	96	96	95	96	100	100	101	102	103	106	109	108	105	103	102	105	109	109	105	106	102	88	98	103	101	101.1
	Minimum	70	71	68	71	71	75	66	70	69	69	69	69	70	74	73	70	71	71	73	75	72	68	66	73	74	72	74	72	68	63	65	70.4
Mammoth Spring	Maximum	95	96	95	96	97	94	93	93	92	98	98	100	104	100	87	100	104	104	104	102	103	101	106	108	103	97	94	91	96	99	100	98.4
	Minimum	69	70	64	67	71	76	69	68	67	68	70	72	72	79	70	69	72	74	74	76	75	69	70	68	74	72	71	71	63	67	68	70.5
Marianna	Maximum	91	92	92	93	93	91	89	91	91	95	94	95	97	97	97	100	100	100	98	96	97	101	103	101	101	97	97	86	90	90	94	95.1
	Minimum	69	71	70	73	75	74	70	69	69	73	73	74	75	76	78	73	71	73	76	74	76	74	74	76	78	78	74	72	71	71	73	73.3
Marked Tree§§	Maximum	92	94	95	96	96	93	89	90	92	95	95	96	99	96	92	100	102	101	97	97	99	100	103	104	99	97	95	90	95	94	97	96.1
	Minimum	67	68	70	71	73	74	66	69	68	70	72	72	74	74	70	70	70	73	75	70	74	70	71	76	77	76	73	70	66	69	71	71.2
Marshall	Maximum	96	96	101	100	100	92	95	98	96	99	103	102	106	106	95	102	105	107	106	103	102	103	105	108	104	101	83	92	96	102	102	100.2
	Minimum	66	64	60	69	75	72	63	68	66	67	70	70	79	66	68	68	70	69	77	71	78	69	68	67	77	70	68	67	62	67	68	69.0
Mena	Maximum	95	97	99	98	97	95	97	98	97	98	98	101	102	103	104	106	103	107	107	103	100	102	105	108	104	104	94	93	99	102	100	100.5
	Minimum	70	70	65	71	71	74	69	69	68	71	71	72	74	75	75	70	76	74	74	74	73	74	68	72	73	75	71	70	68	66	70	71.4
Morrilton §§	Maximum	95	94	98	96	95	96	97	93	94	96	98	100	101	99	95	100	104	103	100	99	99	100	102	105	101	102	97	94	97	101	99	98.4
	Minimum	71	72	69	73	73	77	69	71	71	71	72	71	74	76	72	73	76	75	78	76	77	73	73	76	78	75	78	75	69	71	67	73.3
Mountain Home	Maximum	100	98	102	103	103	97	97	100	100	101	103	107	107	106	90	107	108	110	108	108	107	106	109	111	108	107	93	95	102	106	106	103.4
	Minimum	69	75	64	67	72	75	68	68	75	68	70	70	73	75	70	67	73	70	76	72	74	67	70	68	75	72	72	70	60	68	66	70.3
Mount Ida	Maximum	98	98	97	99	97	97	95	95	94	97	98	100	101	100	103	105	107	107	106	103	99	100	107	108	103	108	91	96	99	105	99	100.4
	Minimum	66	62	62	65	67	69	68	66	64	67	67	64	75	78	72	65	65	65	71	74	74	65	61	66	72	71	69	70	63	67	61	67.5
Newport	Maximum	92	93	94	97	96	97	90	92	95	97	98	98	101	99	96	106	106	105	103	101	102	103	109	110	103	105	96	94	100	100	101	99.3
	Minimum	70	71	71	73	74	73	70	71	69	71	72	72	74	76	74	70	73	75	77	74	75	70	73	74	78	75	74	75	66	71	72	72.7
Okay	Maximum	99	99	97	98	96	96	95	94	93	94	96	96	99	99	99	101	103	106	103	102	98	99	104	107	102	101	102	91	98	100	100	98.9
	Minimum	69	66	69	68	73	72	66	72	70	69	69	70	72	73	75	69	67	69	73	74	70	69	66	70	75	71	72	70	69	68	65	70.0
Ozark§§	Maximum	100	101	101	104	107	100	101	103	101	102	105	107	110	108	102	105	108	107	107	106	103	102	108	110	106	109	100	100	103	108	110	104.6
	Minimum	73	72	69	73	76	75	71	76	75	73	72	73	75	77	70	72	75	72	78	77	76	74	72	76	77	75	74	74	68	69	68	73.5
Pine Bluff	Maximum	90	94	94	96	96	94	90	91	93	94	95	95	98	97	98	100	102	103	101	99	97	100	104	103	100	99	94	85	94	95	99	96.5
	Minimum	71	74	71	74	74	72	70	71	73	73	74	76	76	77	79	77	75	76	76	74	77	75	77	79	77	76	79	74	71	72	73	74.6
Pocahontas	Maximum	91	96	96	96	97	92	90	93	95	98	99	100	103	101	91	103	105	105	105	103	103	102	108	110	108	103	95	95	99	104	101	99.6
	Minimum	68	68	66	68	70	72	68	69	65	65	70	72	72	76	72	68	71	74	75	72	74	67	70	70	75	71	73	71	62	70	71	70.2
Portland	Maximum	86	95	94	95	95	94	89	90	91	94	94	95	97	96	96	100	100	98	97	96	95	98	100	98	98	98	100	94	92	90	95	95.2
	Minimum	69	70	68	70	70	70	68	67	68	70	69	70	70	71	72	72	70	70	72	70	70	69	72	76	70	71	74	71	69	69	68	70.2
Prescott	Maximum	98	98	98	99	97	98	96	95	95	96	98	99	100	101	101	103	105	106	104	102	100	102	106	108	102	103	102	91	96	98	100	99.9
	Minimum	71	71	70	73	73	74	65	70	72	70	71	73	75	75	77	74	73	73	74	75	73	70	73	79	75	75	77	70	69	70	68	72.5
Searcy	Maximum	93	95	94	96	97	97	91	92	92	94	96	95	100	98	94	104	106	105	104	102	101	103	107	108	102	107	96	92	96	97	99	98.5
	Minimum	68	69	69	70	71	70	69	70	69	69	70	69	72	73	71	69	69	73	74	72	72	67	72	75	75	73	73	69	66	68	67	70.4
Stuttgart	Maximum	89	93	95	97	96	96	91	93	94	96	96	96	99	98	101	101	101	101	99	99	99	102	105	103	101	98	98	86	94	95	100	97.2
	Minimum	70	72	73	72	72	71	69	69	70	71	71	71	72	74	73	73	70	75	75	72	72	71	74	76	75	74	72	71	69	71	70	71.9
Sunset	Maximum	89	92	92	94	96	85	91	95	93	94	95	97	100	100	94	96	100	99	100	100	95	97	103	106	99	103	88	89	94	99	97	95.9
	Minimum	69	72	70	72	74	66	64	64	71	69	72	74	76	77	63	76	78	78	77	76	75	74	76	80	76	78	68	67	69	73	70	72.4
Texarkana	Maximum	95	99	93	97	96	97	95	96	95	97	97	99	100	100	100	102	105	108	108	102	100	102	107	109	102	101	107	93	96	99	100	99.9
	Minimum	68	71	68	71	70	70	65	70	70	68	69	70	72	73	76	73	71	70	72	71	72	68	68	74	72	72	70	69	70	70	70	70.4
Thornburg	Maximum	95	97	96	100	96	96	100	98	97	98	100	99	102	102	97	101	105	107	107	112	100	103	107	111	103	104	101	101	101	104	99	101.3
	Minimum	66	68	63	68	72	72	62	67	64	70	69	68	76	79	67	66	68	67	77	76	75	70	62	66	74	72	72	67	62	67	60	68.8
Warren	Maximum	97	96	95	98	99	97	94	93	94	96	98	100	102	100	104	104	107	104	103	104	102	105	106	104	103	102	97	92	96	95	101	99.6
	Minimum	72	71	71	73	72	73	69	71	71	72	73	75	76	88	78	79	73	75	76	74	75	74	74	78	76	76	70	73	72	73	73	74.1
Wilson	Maximum	91	91	94	95	95	95	86	89	90	94	94	94	97	97	97	99	100	101	99	97	98	99	101	103	102	97	93	88	92	91	95	95.3
	Minimum	68	69	71	70	70	70	67	69	67	71	72	73	73	74	72	72	70	72	72	72	74	71	70	73	76	72	70	70	67	70	71	70.9
Wynne	Maximum	94	93	95	96	97	96	85	91	91	97	98	97	102	98	95	101	102	103	101	101	101	104	105	106	103	100	95	87	94	96	100	97.5
	Minimum	68	69	70	75	74	74	68	69	70	72	73	73	73	76	76	70	69	74	76	73	74	72	72	73	78	72	72	70	62	72	70	71.9

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 8-30-34-1000

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XXXIX Little Rock, Ark., August, 1934 No. 8

GENERAL SUMMARY

This was the hottest August in western Arkansas since records have been kept but in the eastern portion of the State mean temperatures were not quite so high as in 1881. High day temperatures prevailed in all sections during the first half of the month and in some sections temperatures of 100° or higher occurred as late as the 25th. The maximum temperature of 116° at Lead Hill on the 9th equals the record established at Jonesboro, July 12, 1901. The average temperature for the State, based on the records of 60 stations, was 84.8° which is 5.0 above the mean for the past 44 years. This is 2.2° higher than the correspondingly warm months of 1896 and 1918. Monthly means ranged from 78.6° at Dutton to 88.6° at Hot Springs, with departures in some sections exceeding 7.0°. The highest temperature recorded was 116° at Lead Hill on the 9th; the lowest, 48° at Dutton on the 30th.

Scattered showers occurred at several stations during the first 12 days of the month with a few locally heavy rains in the Ouachita Mountains. Light to moderate showers with several heavy rains occurred in many sections from the 13th to the 18th while rainfall was much more general from the 20th to the 25th though quite an area in the southwestern portion of the State received only a few showers. The average precipitation for the State for the 87 stations reporting was 2.75 inches which is 0.95 inch below the average for the past 44 years. Monthly totals ranged from 0.12 inch at Hope to 7.43 inches at St. Francis. The greatest amount measured in any 24-hour period was 3.09 inches at Ozark on the 23d. The average number of rainy days was 6.

The weather was unfavorable for cotton in all sections af the uplands and in some sections of the lowlands during the greater part of the month. The high temperatures did as much damage as the lack of moisture. Even where good showers occurred, nearly all crops deteriorated because of the heat. In the uplands and in the southern portion of the State cotton was opening by the middle of the month and much of it prematurely where rainfall was lightest. By the close of the month much of it had been picked in the southern portion. Early corn was nearly a total loss in the uplands and was badly damaged in the lowlands. Meadows, pastures, and other crops were nearly destroyed in the uplands by the middle of the month but after the rains late crops were planted rapidly in central and northern portions. However, the soil was still too dry in quite an area in the southwestern portion at the close of the month. All streams were at low stages during the month. The Arkansas River at Little Rock reached the record low stage of 4.2 feet below zero, being 1.2 feet lower than the previous record. Stock water was scarce during the greater part of the month and fish died in small lakes because of the low water.

T.A.M.

Miscellaneous Data

Windstorms:---Ashdown, 9th, 2 persons injured, property damage $10,000. Glenwood and vicinity, 9th, houses unroofed, plate glass windows broken, damage $10,000. Near Hazen, 17th, $500 damage to rice from heavy rain.

Heavy Hail:---Thornburg, 3d and 9th, no report on damage.

Moderate Hail:---Glenwood, 9th, considerable damage.

Killed by Lightning:---Old Austin, 3d, 2 killed, 3 injured.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog																								1	2	2		1		2	
Light Hail			1	1																											
Moderate Hail									1																						
Heavy Hail			1						1																						
Thunderstorms		1	15	12			1	1	20	2	10	7	24	5	1	21	14	2	9	11	22	18	20	21	16	1	9	6	1		

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29.94	30.14	25	29.69	1	6.0	21	se	16	....	....	....	67
Fort Smith	29.94	30.12	25	29.73	1	7.3	25	e	3	65	42	41	73
Little Rock	29.99	30.15	26	29.76	23	8.0	28	ne	3	76	46	48	82
Memphis	29.99	30.17	31	29.81	23	7.2	21	ne	13	79	56	57	64

COMPARATIVE DATA FOR AUGUST

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	−3.4	108	39	2.75	−0.95	5.80	0.25	0.0	5	21	8	2
1892	78.3	−1.5	106	47	4.39	+0.69	8.54	0.78	0.0	9	13	11	7
1893	77.3	−2.5	102	48	3.08	−0.62	9.40	0.65	0.0	5	18	9	4
1894	78.1	−1.7	104	48	4.68	+0.93	18.01	1.27	0.0	8	12	11	8
1895	79.4	−0.4	102	55	2.64	−1.06	6.20	0.63	0.0	4	18	9	4
1896	82.6	+2.8	112	48	2.32	−1.38	5.75	0.50	0.0	5	17	9	5
1897	79.6	−0.2	111	45	2.59	−1.11	5.97	0.25	0.0	5	17	10	4
1898	79.4	−0.4	108	54	4.35	+0.65	8.42	1.86	0.0	7	13	13	5
1899	82.2	+2.4	112	54	2.04	−1.66	6.45	0.07	0.0	4	19	9	3
1900	81.1	+1.3	108	57	2.95	−0.75	8.08	0.06	0.0	5	16	12	3
1901	80.5	+0.7	109	52	2.95	−0.75	8.53	0.58	0.0	6	14	13	4
1902	80.7	+0.9	108	51	2.55	−1.15	7.45	0.00	0.0	4	19	9	3
1903	78.7	−1.1	105	47	4.34	+0.64	11.03	0.95	0.0	8	15	12	4
1904	78.1	−1.7	105	46	2.81	−0.89	6.40	0.33	0.0	6	16	12	3
1905	79.1	−0.7	103	51	3.73	+0.03	7.25	0.36	0.0	6	18	10	3
1906	77.9	−1.9	100	42	4.92	+1.22	11.41	0.50	0.0	10	14	10	7
1907	82.0	+2.2	113	54	2.92	−0.78	8.52	0.52	0.0	6	16	10	5
1908	79.3	−0.5	103	52	4.48	+0.78	8.50	1.14	0.0	8	15	10	6
1909	82.4	+2.6	111	47	1.27	−2.43	4.86	0.00	0.0	4	20	8	3
1910	79.2	−0.6	104	43	3.92	+0.22	9.76	0.90	0.0	8	13	12	6
1911	78.0	−1.8	107	45	8.19	+4.49	19.54	3.02	0.0	12	11	11	9
1912	78.7	−1.1	105	45	3.30	−0.40	10.24	0.93	0.0	7	15	10	6
1913	82.1	+2.3	107	46	1.62	−2.08	8.00	0.01	0.0	3	20	10	1
1914	78.5	−1.3	104	57	6.81	+3.11	13.74	2.82	0.0	12	8	11	12
1915	74.7	−5.1	102	40	10.44	+6.74	19.55	3.41	0.0	11	9	9	13
1916	81.8	+2.0	107	46	2.63	−1.07	6.45	0.23	0.0	5	17	9	5
1917	77.1	−2.7	104	43	4.10	+0.40	8.13	0.90	0.0	8	16	7	8
1918	82.6	+2.8	115	52	3.90	+0.20	12.17	0.99	0.0	7	15	9	7
1919	80.6	+0.8	113	55	4.29	+0.59	10.24	1.16	0.0	7	16	8	7
1920	76.8	−3.0	102	46	4.08	+0.38	8.55	1.14	0.0	8	13	9	9
1921	81.5	+1.7	106	56	5.46	+1.76	10.72	0.37	0.0	8	15	9	7
1922	80.4	+0.6	111	51	1.90	−1.80	8.43	0.21	0.0	5	18	8	5
1923	81.9	+2.1	109	49	2.43	−1.27	7.68	T.	0.0	4	18	8	5
1924	82.2	+2.4	108	43	2.40	−1.30	6.46	T.	0.0	5	20	8	3
1925	80.3	+0.5	108	47	1.81	−1.89	7.14	0.00	0.0	4	22	7	2
1926	80.7	+0.9	110	47	5.50	+1.80	12.91	1.08	0.0	10	14	10	7
1927	76.6	−3.2	105	43	6.01	+2.31	12.74	0.48	0.0	10	12	10	9
1928	81.3	+1.5	105	51	4.62	+0.92	10.57	0.73	0.0	7	17	8	6
1929	80.8	+1.0	110	41	1.29	−2.41	4.73	0.00	0.0	3	22	7	2
1930	81.8	+2.0	114	46	2.53	−1.17	7.93	0.23	0.0	5	17	10	4
1931	76.7	−3.1	103	42	4.71	+1.01	14.67	1.29	0.0	9	15	9	7
1932	81.5	+1.7	104	47	1.78	−1.92	5.98	0.00	0.0	5	19	10	2
1933	79.1	−0.7	101	49	4.42	+0.72	7.88	1.01	0.0	8	12	11	8
1934	84.8	+5.0	116	48	2.75	−0.95	7.43	0.12	0.0	6	15	11	5
Period	79.8	.. ..	116	39	3.70	......	19.55	0.00	0.0	7	16	10	5

Daily River Stages for August, 1934

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Fort Smith or Van Buren	Arkansas	22	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Ozark	do	22	-1.9	-1.9	-1.9	-1.9	-1.9	-2.0	-2.0	-2.0	-2.0	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1
Dardanelle	do	22	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Morrilton	do	20	-3.2	-3.3	-3.4	-3.4	-3.4	-3.4	-3.4	-3.5	-3.6	-3.6	-3.7	-3.7	-3.7	-3.7	-3.8	-3.8
Little Rock	do	23	-3.6	-3.7	-3.7	-3.6	-3.8	-3.8	-3.9	3.9	-3.9	-3.9	-4.0	-4.0	-4.0	-4.1	-4.1	-4.0
Pine Bluff	do	25	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Danville	Petit Jean	20	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	1.0	0.9	0.9	0.9	0.8	0.7

Stations	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or Van Buren	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.4	1.5	1.9	2.7	3.5	3,9
Ozark	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-1.3	-1.9	-2.0	-2.1	-1.8	-1.6	-0.8	-0.1
Dardanelle	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.2	1.2	0.6	0.4	0.4	0.6	1.4
Morrilton	-3.6	-3.7	-3.7	-3.7	-3.8	-3.8	-3.7	-3.8	-3.4	-2.8	-2.8	-3.2	-3.5	-3.4	-3.3
Little Rock	-4.1	-4.0	-4.0	-4.1	-4.1	-4.2	-4.2	-4.2	-4.1	-4.1	-3.7	-3.1	-3.1	-3.6	-3.7
Pine Bluff	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	1.0	1.1	0.8
Danville	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	1.9	2.1	2.1	2.0	2.4	2.2	1.9

Climatological Data for August, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	86.4[a]	+ 6.0	108[a]	8	63[a]	30†	34[b]	1.11	−2.87	0.67	0.0	3	9[c]	19[c]	0[c]	sw.	J. W. Campbell
Arkadelphia	Clark	250	39	...	...	...	...	...	...	...	1.61	−2.45	1.58	0.0	3	23	7	1	sw.	W. K. Bown
Arkansas City	Desha	145	50	...	...	...	...	...	...	...	0.60	−3.15	0.25	0.0	3	24	4	3	...	Herbert Neff
Arlberg	Stone	700	12	...	...	...	...	...	...	...	5.35	+0.41	2.61	0.0	5	..	..	..	...	J. D. Reeves
Batesville	Independence	277	35	82.7	+ 3.6	111	8†	51	30	41	4.55	+0.12	1.12	0.0	10	15	2	14	se	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	85.4	+ 5.8	110	9	58	30	37	1.42	−2.52	0.50	0.0	6	17	9	5	s.	J. E. Scanlan
Bentonville	Benton	1303	29	83.2	+ 6.4	106	9	58	30	32	4.43	+0.25	2.27	0.0	8	11	9	11	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	4	...	...	...	...	...	...	...	3.24	...	1.62	0.0	10	15	6	10	...	C. J. Brooks
Black Rock	Lawrence	259	33	...	...	...	...	...	...	...	4.93	+0.52	2.12	0.0	9	18	4	9	s.	Vernon C. Howe
Blytheville	Mississippi	252	9	81.4	...	105	7†	54	30	30	4.77	...	2.47	0.0	10	18	8	5	s.	Samuel Norris
Booneville	Logan	465	20	87.6	+ 5.6	109	19	66	30	36	1.93	−1.39	1.12	0.0	6	11	17	3	e.	F. H. Randolph
Brinkley	Monroe	205	47	86.0	+ 5.6	109	8	56	30	40	0.44	−3.08	0.27	0.0	5	19	6	6	ne.	R. J. Torry
Calico Rock	Izard	361	30	82.8	+ 3.8	114	9	52	30	41	4.18	+0.78	1.80	0.0	11	15	6	10	se.	E. R Wiseman
Camden	Ouachita	158	49	86.5	+ 6.1	108	8	62	30	33	0.31	−2.78	0.31	0.0	1	3	23	5	sw.	J M. Knight
Carthage	Dallas	297	29	85.6	...	109	7	59	30	37	2.29	−0.49	0.82	0.0	6	19	12	0	s.	P. K. Wylie
Center Point	Howard	470	35	88.1[c]	+ 5.9	108[c]	13†	65[c]	30	36[c]	0.50	−2.34	0.20	0.0	3	22[c]	1[c]	5[c]	s.	John C. Floyd
Clarendon	Monroe	172	30	...	...	...	...	...	...	...	0.95	−3.19	0.34	0.0	7	15	3	13	s.	J. W. Bishop
Clinton	Van Buren	516	13	...	...	...	...	...	...	...	1.69	−2.93	0.57	0.0	7	12	19	0	se.	A L. Stephens
Conway	Faulkner	309	51	87.0	+ 5.6	112	9	59	30	38	1.48	−1.97	0.70	0.0	6	18	11	2	s.	E. E Cordrey
Corning	Clay	293	41	83.0	+ 4.7	113	8†	52	30	38	2.62	−1.06	1.52	0.0	9	14	10	7	s.	Winfred D. Polk
Cotter	Baxter	408	7	...	...	...	...	...	...	...	2.76	...	0.58	0.0	6	16	5	10	...	O. B. McSpadden
Crosset	Ashley	175	22	85.1	+ 3.5	105	8	65	30†	33	1.04	−2.61	0.43	0.0	3	13	13	5	sw.	G. A Gifford
Danville	Yell	327	18	...	...	...	...	...	...	...	2.94	−0.49	0.98	0.0	6	10	16	5	...	J. M. Patterson
Dardanelle	Yell	330	48	86.6	+ 5.8	109	9	59	30	35	3.71	+0.05	1.45	0.0	6	7	14	10	s.	Geo. N. Goodier
Deer	Newton	2200	1	81.0[a]	...	104[a]	9	56[a]	29	29[a]	...	...	...	...	9	20[a]	0[a]	10[a]	s.	Mrs. J. M. Essex
De Valls Bluff	Prairie	153	7	...	...	...	...	...	...	...	0.69	...	0.69	0.0	1	24	5	2	ne.	Mrs. Frank O'Rourke
Dumas	Desha	162	29	86.6	+ 5.5	110	8	61	30	36	3.36	−0.11	1.50	0.0	5	6	24	1	s.	Ben Johnson
Dutton	Madison	1590	31	78.6	+ 4.0	104	9	48	30	41	3.22	−0.90	0.75	0.0	9	15	14	2	s.	J. M. Ricketts
El Dorado	Union	270	34	87.8	+ 6.0	107	8	66	30	30	0.26	−3.05	0.13	0.0	3	5	21	5	sw	J. J. Babb
England	Lonoke	229	27	85.7	+ 5.1	108	8	58	30	35	1.50	−2.52	0.50	0.0	6	22	8	1	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	83.2	+ 4.9	107	10	56	30	35	6.95	+2.02	2.30	0.0	10	13	13	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	84.2	+ 6.2	105	9	56	30	33	3.02	−1.09	0.83	0.0	7	14	12	5	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	87.8	+ 7.3	109	9	66	30	31	1.68	−1.60	1.01	0.0	7	9	15	7	e.	U. S Weather Bureau
Freeman Springs‡‡	Pope	2240	10	...	...	...	...	...	...	...	3.50	...	0.90	0.0	10	20	8	3	sw.	R. J. McCuiston
Fulton	Hempstead	260	49	...	...	...	...	...	...	...	0.91	−1.81	0.60	0.0	3	22	7	2	...	T. J. Logan
Georgetown	White	200	22	...	...	...	...	...	...	...	4.64	+0.81	2.24	0.0	8	17	4	10	...	Mrs. W. R. Owens
Grannis	Polk	900	15	84.5	+ 5.3	106	9	62	31	38	0.67	−2.67	0.18	0.0	8	21	10	0	se.	W. E. McVay
Gravette	Benton	1250	37	84.4	+ 7.0	109	9	58	30	36	4.30	+0.22	1.55	0.0	8	15	15	1	s.	Max W. Schmidt
Harrison	Boone	1052	34	83.6	+ 7.1	112	9	54	30	37	3.50	−0.30	1.15	0.0	9	17	8	6	sw.	Louis R. Keck
Helena	Phillips	250	62	83.6	+ 3.0	105	7†	58	30	32	3.58	−0.11	2.35	0.0	6	7	14	10	sw.	James A. Burnett
Higden	Cleburne	445	15	...	...	...	...	...	...	...	1.30	−3.50	0.40	0.0	6	19	11	1	n.	Trumon Brown
Highland	Pike	600	15	86.6[b]	...	107[b]	8	64[b]	30	34[b]	0.20	−3.25	0.20	0.0	1	0[b]	26[b]	3[b]	s.	J. O. Cooley
Hope	Hempstead	377	64	88.0	+ 5.8	108	8†	65	30†	36	0.12	−3.25	0.12	0.0	1	18	12	1	s.	N. P O'Neal
Hot Springs	Garland	600	43	88.6	+ 7.9	110	8	64	30	36	4.05	+0.31	1.87	0.0	6	14	17	0	s.	National Park Service
Index	Little River	275	9	...	...	...	...	...	...	...	0.96	...	0.79	0.0	2	26	2	3	...	H. C. Sanderson
Jessieville	Garland	750	8	...	...	...	...	...	...	...	1.50	...	1.25	0.0	2	12	16	3	s.	U. S Forest Service
Jonesboro	Craighead	345	39	83.2	+ 3.2	111	8	54	30	33	3.24	−0.31	1.14	0.0	11	18	5	8	se.	Benedictine Sisters
Lead Hill	Boone	650	28	82.9	+ 4.3	116	9	52	30	45	3.36	−0.68	1.12	0.0	9	18	8	5	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	84.6	+ 4.8	105	8	63	30	33	2.15	−1.60	0.82	0.0	6	10	15	6	sw.	U. S. Weather Bureau
Lutherville‡‡	Johnson	775	35	86.6	+ 7.2	109	9	60	30	36	1.06	−2.97	0.48	0.0	5	14	11	6	sw.	H. G. Lenhardt
Madison	St. Francis	209	4	...	...	...	...	...	...	...	2.51	...	1.33	0.0	4	14	0	17	...	J. W. Eppes
Magnolia	Columbia	315	18	87.2	+ 5.0	105	8	65	31	32	0.15	−2.81	0.10	0.0	2	0	30	1	s.	State Agri. School
Malvern	Hot Springs	277	48	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	
Mammoth Spring	Fulton	600	30	81.8	+ 4.4	109	9	54	30	36	5.88	+1.52	1.62	0.0	10	15	6	10	nw.	S. F. Whittaker
Marianna	Lee	235	23	84.1	+ 4.3	105	8	58	30	29	2.34	−0.69	1.00	0.0	4	15	13	3	s	C. N. Houck
Marked Tree	Poinsett	229	30	81.8	+ 2.8	107	7†	55	30	35	4.59	+0.90	1.67	0.0	7	17	9	5	n.	Charles Walton
Marshall	Searcy	1070	20	82.4	+ 8.8	110	9	51	30	41	4.07	−1.14	1.33	0.0	10	12	12	7	s.	A. J. Parks
Mena	Polk	1207	46	85.1	+ 5.3	105	9	63	30	32	3.26	−1.08	1.12	0.0	5	11	14	6	sw.	E. W. St. John
Morrilton	Conway	347	15	84.6	+ 3.0	106	8†	60	30	30	2.12	−1.10	0.96	0.0	5	16	6	9	e.	Miss Ruby Cook
Mountain Home	Baxter	800	22	82.6	+ 5.0	114	9	52	30	42	4.23	+0.11	1.15	0.0	9	6	13	12	sw.	B. S. Halbert
Mount Ida	Montgomery	650	35	84.2	+ 4.8	108	9	57	30	40	3.75	+0.39	1.38	0.0	5	20	8	3	e.	G. A. Whittington
Newport	Jackson	231	51	84.2	+ 4.2	112	8	55	30	37	4.39	+0.91	1.41	0.0	10	11	14	6	n.	J. D. Henderson
Norman	Montgomery	750	6	...	...	...	...	...	...	...	3.74	...	1.37	0.0	5	15	15	1	...	U. S. Forest Service
Oden	Montgomery	800	8	...	...	...	...	...	...	...	3.63	...	1.63	0.0	6	13	15	3	sw.	U. S. Forest Service
Okay	Howard	288	5	86.0	...	106	8†	64	30†	36	0.98	...	0.55	0.0	4	22	8	1	s.	Charles R. Jackson
Osceola††	Mississippi	240	38	83.5	+ 4.5	110	8	56	30	35	3.27	+0.05	1.00	0.0	7	14	12	5	s.	Mrs. Ruth H. Douglas
Ozark	Franklin	396	39	87.4	+ 5.8	112	12	63	28†	39	3.45	−0.43	3.09	0.0	3	19	5	7	se	Orkney O. Milton
Paragould	Greene	301	11	...	...	...	...	...	...	...	5.68	...	2.35	0.0	5	22	5	4	s.	W. R. Heagler
Parkin	Cross	222	4	...	...	...	...	...	...	...	2.84	...	0.85	0.0	7	10	2	19	...	Carroll King
Patterson	Woodruff	196	18	...	...	...	...	...	...	...	4.46	+1.44	1.96	0.0	6	16	13	2	sw.	W. E. Baker
Piggott	Clay	307	10	...	...	...	...	...	...	...	4.88	...	2.14	0.0	9	18	6	7	sw.	V. C. Wright
Pine Bluff	Jefferson	215	47	87.0	+ 5.3	107	8	64	30	30	0.95	−2.20	0.45	0.0	4	15	11	5	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	41	82.8	+ 3.4	112	9	55	30†	39	6.19	+1.50	2.40	0.0	9	7	12	12	ne.	Benedictine Sisters
Portland	Ashley	122	28	83.4	+ 2.0	104	8	61	30†	34	1.64	−1.72	1.27	0.0	4	9	18	4	sw.	W E. Edmiston
Prescott	Nevada	329	46	87.6	+ 6.1	107	8†	64	30	33	0.15	−3.13	0.15	0.0	1	14	15	2	w.	Craig Williams
Rison	Cleveland	243	34	...	...	...	...	...	...	...	...	...	...	...	..	..	..	.	...	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	83.8	+ 6.6	110	9	56	30†	39	3.52	−0.23	1.30	0.0	8	19	4	8	s.	Carl A. Starck
St. Charles	Arkansas	175	3	...	...	...	...	...	...	...	...	...	...	...	..	..	..	.	...	
St. Francis	Clay	290	7	...	...	...	...	...	...	...	7.43	...	2.68	0.0	6	15	7	9	...	S. T. Rooney
Searcy	White	236	24	84.0	+ 3.9	109	8	58	30	36	1.33	−2.40	0.63	0.0	6	22	4	5	sw.	Arthur D. Smith
Story	Montgomery	700	10	...	...	...	...	...	...	...	4.15	...	2.15	0.0	3	22	8	1	s.	S. C Story
Stuttgart	Arkansas	209	47	85.3	+ 4.7	108	8	59	30	33	2.88	−0.65	2.05	0.0	5	22	5	4	s.	Mrs. Kress Swim
Subiaco	Logan	1050	37	87.7[c]	+ 6.3	113	9	62[c]	30	34[c]	1.48	−2.30	0.73	0.0	7	13	8	10	s.	New Subiaco Abbey
Sunset	Washington	2250	3	82.6	...	103	12†	61	30	32	3.30	...	0.87	0.0	7	18	13	0	sw.	Walter James
Texarkana	Miller	332	49	87.6	+ 5.4	110	9	66	29	36	0.22	−2.85	0.22	0.0	1	17	13	1	s.	H. S. Brashear
Thornburg	Perry	650	14	84.4	+ 5.6	108	9	52	30	38	2.69	−1.03	1.00	0.0	8	10	20	1	s.	Edward E. Holmes
Waldron	Scott	675	15	...	...	...	...	...	...	...	2.39	+0.23	1.02	0.0	5	11	10	10	sw.	Dr. Cheves Bevill
Warren	Bradley	206	40	87.7	+ 6.3	108	7	64	30	31	3.76	+0.17	2.91	0.0	3	18	13	0	s.	Miss Evelyn Hoyle
Waters	Montgomery	800	10	...	...	...	...	...	...	...	2.46	...	0.74	0.0	5	13	14	4	sw.	J R. Huddleston
Wilson	Mississippi	237	9	81.4	...	104	8	53	30	36	3.50	...	1.10	0.0	6	20	1	10	s.	D. O. Anderson
Wynne	Cross	250	26	83.8	+ 3.8	110	7	54	30	35	3.58	−0.36	2.75	0.0	4	18	11	2	s.	R. T. Cobb
Yancopin	Desha	167	10	...	...	...	...	...	...	...	2.00	...	0.69	0.0	7	12	17	2	...	W. E. Barton
State Means				84.8	+5.0	116	9	48	30	45	2.75	−0.95	3.09	0.0	6	15	11	5	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:– Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in italics partly interpolated.

Daily Precipitation for August, 1934

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita										.39												.67						.05				1.11
Arkadelphia	Ouachita																						1.58				.01		.02	T.			1.61
Arkansas City	Mississippi									T.	.25								T.				.21			T.	.14						0.60
Arlberg	White											.40	.43				2.61				.25			1.66									5.35
Batesville	White				.07						.23			.08	.51			.81	T.		1.12	.49	.36	.57	.31	T.							4.55
Bee Branch	Arkansas			.25						T.				.06			T.							.05	.40	.16			.50				1.42
Bentonville***	Arkansas	T.		.13													.74	T.			.32	.04	.03	.47		.43		2.27					4.43
Big Lake Outlet	St. Francis		.06	T.										1.62				.17	.13			.36	.15	.28	.26	.11	.10						3.24
Black Rock	White													.07	.22			.76	.21		T.	.09	.19	.78	2.12		.49						4.93
Blytheville	St. Francis		.01											1.20				.28	.20			.17	.09	.22	2.47	.04	.09						4.77
Booneville	Arkansas				1.12									.02			.04					.07	T.	.26	.42								1.93
Brinkley	White													.04	.05											.27	.07		.01				0.44
Calico Rock	White													.85	.33			.10	.05		.25	.05	.05	.45	1.80	.03	.22	T.					4.18
Camden	Ouachita																										.31						0.31
Carthage	Ouachita				.18										.82								.40			.31	.40			.18			2.29
Center Point	Red									.20																.15			.15				0.50
Clarendon	White				T.										.04				.34				.01	.06		.34	.08		.08	T.			0.95
Clinton	White			.49								.08	.15	T.			.06	T.		T.			.20		.14			.57					1.69
Conway	Arkansas			.08													.03							.23	.34	.10			.70				1.48
Corning	White		T.											.05	T.			.11	.08	T.	T.	.55	.05	1.52	.10	.05	.11						2.62
Cotter	White													T.	T.			.58	T		.58		.33	.40	.42		.45		T				2.76
Crossett	Ouachita										T.				.35		T.						T.		T.		.43			.26			1.04
Danville	Arkansas				.02						.85			T.	.15				.10				T.	.84		.98							2.94
Dardanelle	Arkansas				.71									1.45	.40									.22		.39				.54			3.71
Deer	White																																....
De Valls Bluff	White																.69								T.								0.69
Dumas	Mississippi									T				1.50		T.		T.				T.	.06	T.	T.	1.40		.15	.25			T.	3.36
Dutton	White			.56	.13									.72			T.	.11			.15			.75	.50	.05		.25					3.22
El Dorado	Ouachita										.10				.13												.03						0.26
England	Arkansas				.50													.06	.09				.48			.06			.31				1.50
Eureka Springs	White				1.94												.43	.20			.51	.05	.03	1.34		2.30	.05	.10					6.95
Fayetteville	White	T.			.83						T.						T	.17		T.	.03		.05	.71		.67		.56					3.02
Fort Smith***	Arkansas		T.	T.	.01									.09				T.		T.		.05	.99	.03	.37	T.		.14	T.				1.68
Freeman Sprgs.	Arkansas				.90						.13			.52	.16			.03	.01		.24			.82	.02	.67							3.50
Fulton	Red										T.				.23												.60	T.	T.	.08			0.91
Georgetown	White				T.									.96	2.24	T.		.16	T.		T.	.10	T.	.49	.06	.56			.07				4.64
Graunis	Red									.07				.17	.18								.02		T.	.02		.09	.05	.07			0.67
Gravette	Arkansas		T.														.05	.07			.43	.09	.22	.70		1.19		1.55					4.30
Harrison	White				.54												.01	.23			1.15	.15	.31	.26	.01	.84							3.50
Helena	Mississippi															.02			.52					.44		2.35	.24			.01			3.58
Higden	White											.10		.25	.40		.15						.15	.25									1.30
Highland	Ouachita									.20																							0.20
Hope	Red																									T.			.12				0.12
Hot Springs	Ouachita				.57					.21				.05									1.25	1.87					.10				4.05
Index	Red																										.17			.79			0.96
Jessieville	Ouachita																						.25			1.25							1.50
Jonesboro	White		.02											.21			.06	.18	.09			.18	.15	1.14	.91	.27	.03						3.24
Lead Hill	White				T					T.	T.			.78			1.12	.32			.17	.20	.17	.23	.01	.36							3.36
Little Rock***	Arkansas			.71										T				.24				.02	.08	T.	.28	T.			.82				2.15
Lutherville	Arkansas			T.						.42				.05			.08					T	T.	.48		.03							1.06
Madison	St. Francis													T.					.14				T.	.78	.26	1.33	T.	T	T.				2.51
Magnolia	Red																									.05			.10				0.15
Malvern	Ouachita																																....
Mammoth Spg	White													1.62	.42			1.57	.20		.11	.10	.20	1.30	.18		.18						5.88
Marianna	St. Francis																							1.00	.71	.56	.07						2.34
Marked Tree	St. Francis													.45				.69				.54	.62	1.67	T.	.50	.12						4.59
Marshall	White									.07					.14		.90	.08			.13	.09	.14	1.33	.28	.91							4.07
Mena	Ouachita				1.12											1.10							.72		T.	.01			.31				3.26
Morrilton	Arkansas				.73									T.	.03			T	.28				T.	.96		.12	T.			T.			2.12
Mountain Home	White													1.15	.55		.06	.30			.95	.25	.18	.41		.38							4.23
Mount Ida	Ouachita				1.32																		1.38		.14	.11			.80				3.75
Newport	White													.05	.03	.10		.81			.09	1.41	.71	.91	.22	.06							4.39
Norman	Ouachita				1.37																		1.34		.53	.42			.08				3.74
Oden	Ouachita				1.32																		1.63	.20		.07			.01	.40			3.63
Okay	Red										.19															.55	.20		.04				0.98
Osceola	Mississippi													.98					T.			.13	.60	.13	1.00	.13	.30						3.27
Ozark	Arkansas				.30										T.								T.	3.09	T.	.06							3.45
Paragould	St. Francis			.15														.35	.28			.25		2.30	2.35	T.							5.68
Parkin	St. Francis													.50				.47				.57	.10		.25	.85	.10						2.84
Patterson	White													.95	1.96		.80				.33				*	.42							4.46
Piggott	St. Francis													.68	T		.04	.08	.07			2.14	.43	.43	.88	.13							4.88
Pine Bluff	Arkansas				.08										.04									.38			.45		T.				0.95
Pocahontas	White									.34				2.40	.05		.28	.58				.31	1.95		.16	.12							6.19
Portland	Ouachita					.01					.14				1.27												.22						1.64
Prescott	Ouachita																										.15			T			0.15
Rison	Ouachita																																
Rogers (near)	White			.06			.44										.16	.20			.09			1.30		.36		.91					3.52
St. Charles	White																																....
St. Francis	St. Francis	T.	T								T.		T.	1.29				T.	.38	T.	T.	2.68	.08	1.38	1.63	T.							7.43
Searcy	White			.17										.63							.13				.19	.09	T.		.12				1.33
Story	Ouachita				2.15																	1.35	.65										4.15
Stuttgart	Arkansas																		T.					.22		2.05	.07		.51	.03			2.88
Subiaco	Arkansas	T.			.73							T		.36								.01	.21	.02	.05	.10		T.					1.48
Sunset	Arkansas				.61									.23							.35		.02	.69		.87		.53					3.30
Texarkana	Red																													.22			0.22
Thornburg	Arkansas			1.00	.49					.13		T.						.09				T.	.17	.20		.37			.24				2.69
Waldron	Arkansas			T.	.36					.53							T.	.11					.37		1.02			T.					2.39
Warren	Ouachita									.20				.65						T			T.		2.91	T.		T.					3.76
Waters	Ouachita				.61								.42										.74	.24		.45							2.46
Wilson	Mississippi													1.10								.80	.55	.45		.55	.05						3.50
Wynne	St. Francis													.61				.11				T.			.11	2.75							3.58
Yancopin	Arkansas									T.					.03			T.	.04			.60		.48		.69	.13		T.	.03			2.00

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.8	2.7	2.7	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.9
Calico Rock	do	18	-1.2	-1.3	-1.2	-1.3	-1.4	-1.4	1.4	-1.4	-1.5	-1.5	-1.4	-1.4	-1.2	-0.8	-0.7	-0.9	-1.0	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6	-0.4	-0.4	-0.1	-0.2	0.0	-0.3	-0.1	-0.2
Batesville	do	23	3.5	3.5	3.4	3.4	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.9	4.0	4.1	4.6	4.2	4.0	4.3	4.4	4.2	4.2	5.0	5.0	4.5	4.5	4.4	4.4	4.3	4.3
Newport	do	26	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.8	-0.8	-0.8	-0.7	-0.4	0.1	0.1	0.3	0.1	-0.1	0.0	0.1	0.1	0.8	2.5	3.5	2.5	1.7	1.3	1.1	0.9
Georgetown	do	21	-1.2	-1.3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.5	-1.5	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.7	-1.4	-1.0	-0.8	-0.5	-0.6	-0.9	-0.8	-0.6	-0.3	1.0	2.2	2.8	2.4	1.8	1.3
Clarendon	do	26	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.3	5.3	5.2	5.3	5.5	5.8	6.0	6.1	6.1	6.0	6.1	6.2	6.5	7.5	8.5	8.7	8.6
Black Rock	Black	14	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5	1.2	0.9	0.7	1.0	1.0	1.0	1.1	1.1	1.2	4.1	3.3	3.5	3.1	2.7	2.5	2.3	2.0	1.8
Arkadelphia	Ouachita	12	-1.6	-1.4	-1.4	-1.6	-1.6	-1.6	-1.6	-1.4	0.2	-0.8	-1.2	-1.4	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.8	-1.6	-1.0	-1.4	-1.2	-1.4	-1.2	-1.6	-1.4	-1.6	-1.4
Camden	Ouachita	26	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.7	3.7	3.6	3.8	3.9	3.8	3.8	3.7
Fulton	Red	25	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.5
Helena	Mississippi	41	4.0	3.6	3.9	4.3	5.0	6.2	6.9	6.5	6.0	5.9	5.8	5.5	4.9	3.9	3.7	4.5	5.4	6.2	7.0	7.6	7.8	7.8	7.7	8.3	9.6	10.5	11.4	12.1	11.3	9.5	8.1
Arkansas City	do	48	4.1	3.3	2.5	2.3	2.5	2.9	3.6	4.5	4.9	4.6	4.3	4.2	4.0	3.6	2.9	2.3	2.4	3.0	3.7	4.5	5.2	5.8	6.0	6.0	6.2	7.0	8.1	9.0	9.9	10.0	9.0

Daily temperatures for August, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	95	100	102	103	103	104	105	108	106	103	101	104	97	104	98	97	..	103	106	105	104	94	98	101	91	91	97	94	94	94	97	100 0
	Minimum	66	74	78	71	71	74	75	76	78	74	74	75	78	73	74	75	74	..	73	78	78	69	71	72	71	71	71	72	69	63	63	72.7
Batesville §§	Maximum	98	103	107	101	108	109	110	111	111	101	102	108	98	98	95	92	85	99	104	84	83	88	90	86	81	85	90	92	82	86	93	96.1
	Minimum	75	80	77	71	67	69	73	71	77	72	72	75	74	70	72	77	71	71	73	69	63	65	68	69	69	65	64	65	58	51	55	69.3
Bee Branch	Maximum	100	104	106	102	106	106	107	108	110	100	104	107	103	100	96	96	89	103	105	93	90	94	98	98	85	86	91	90	90	89	93	98.5
	Minimum	79	80	74	74	69	73	73	76	77	74	73	74	74	71	75	76	74	73	73	76	67	70	69	73	71	67	79	68	64	58	63	72.2
Bentonville ***	Maximum	101	100	102	99	101	101	103	103	106	104	102	105	98	101	101	99	95	100	102	94	91	84	84	82	78	83	77	88	84	86	90	95.0
	Minimum	82	82	70	69	74	75	77	75	76	75	74	78	79	72	77	71	73	77	75	72	67	69	67	66	66	66	65	64	58	58	65	71.4
Blytheville	Maximum	95	98	103	98	102	104	105	105	100	98	98	102	94	95	93	89	83	96	100	84	78	82	91	83	78	83	87	89	81	83	92	92.5
	Minimum	77	76	78	72	72	76	76	77	77	75	73	76	69	74	73	73	73	72	76	70	64	68	68	70	68	61	60	63	59	54	57	70.2
Booneville	Maximum	104	107	107	101	103	103	105	108	108	104	105	108	102	104	102	105	100	107	109	104	100	92	97	96	88	89	94	95	93	93	97	101.0
	Minimum	78	84	81	69	70	73	73	73	76	76	75	76	77	74	80	80	77	75	73	80	76	73	69	74	70	73	72	69	69	66	69	74.2
Brinkley	Maximum	97	100	103	102	106	106	107	109	105	103	104	107	98	103	100	101	92	104	106	102	94	93	101	95	91	88	95	96	88	93	98	99.6
	Minimum	76	78	78	71	70	76	76	78	78	73	74	76	73	72	73	75	75	77	76	77	72	75	73	75	70	68	65	70	64	56	58	72.5
Calico Rock§§	Maximum	105	107	110	107	107	110	111	111	114	107	106	110	102	98	97	96	81	100	106	83	83	84	87	83	74	82	88	90	81	84	94	96.7
	Minimum	74	81	71	71	66	70	72	71	78	75	73	73	70	70	72	77	72	71	73	72	61	65	66	68	68	65	65	67	56	52	55	69.0
Camden§§	Maximum	98	100	100	103	103	104	105	108	99	99	97	103	104	100	95	97	101	103	104	104	104	99	101	101	100	91	94	95	94	95	95	99.9
	Minimum	75	76	75	71	71	75	75	75	75	74	75	75	73	71	72	75	76	77	79	78	79	74	72	74	73	69	69	71	66	62	63	73.1
Carthage §§	Maximum	98	102	103	104	104	107	109	107	105	104	103	103	99	98	94	98	100	104	104	105	103	94	100	103	96	87	92	92	90	91	95	99.8
	Minimum	73	75	75	71	72	72	72	74	72	72	72	72	71	72	71	74	75	73	74	75	73	71	71	76	70	70	68	70	66	59	61	71.4
Center Point	Maximum	98	100	102	103	104	103	105	98	106	102	101	105	108	106	105	101	..	..	..	106	108	102	107	105	107	98	103	97	98	101	101	102.9
	Minimum	73	74	76	72	69	75	74	76	78	75	75	74	75	76	75	76	..	..	..	72	79	71	75	78	71	71	71	71	69	65	66	73.3
Conway	Maximum	101	105	106	104	107	108	109	111	112	103	107	109	105	104	100	98	99	107	108	100	96	94	102	93	91	89	95	93	90	90	96	101.0
	Minimum	78	81	78	73	69	73	74	74	79	75	76	75	78	73	75	78	75	75	74	77	72	72	70	77	70	70	67	68	66	59	63	73.0
Corning	Maximum	103	103	108	106	109	110	111	113	113	105	106	111	100	99	98	90	81	97	104	90	80	82	87	86	76	81	88	92	80	84	93	96.3
	Minimum	80	79	78	68	71	72	77	78	78	76	76	76	70	70	74	73	71	78	77	67	61	67	66	70	65	61	59	63	57	52	55	69.7
Crossett§§	Maximum	96	96	99	100	101	101	103	105	95	95	98	101	103	95	93	95	97	98	100	102	101	98	97	99	99	88	92	92	92	93	95	97.4
	Minimum	72	73	73	74	72	74	73	72	76	73	73	74	75	72	74	74	73	75	76	75	75	76	73	74	73	71	73	71	68	65	65	72.8
Dardanelle	Maximum	101	104	106	103	105	105	105	108	109	102	103	107	105	101	99	100	99	104	107	104	98	93	100	98	90	88	94	93	91	91	95	100.3
	Minimum	76	80	76	72	70	76	75	75	77	75	76	77	73	73	75	76	75	75	74	77	73	72	69	74	71	72	69	71	65	59	64	73.0
Deer	Maximum	96	96	100	99	101	101	103	103	104	102	101	103	92	98	96	95	80	95	100	85	77	76	83	80	..	75	80	84	78	82	88	91.8
	Minimum	76	74	73	70	76	77	77	77	81	74	75	76	72	71	72	68	70	78	77	71	61	64	62	69	..	64	64	66	56	57	64	70.2
Dumas	Maximum	100	103	106	105	108	108	109	110	96	100	101	106	105	100	97	99	102	102	105	104	101	94	98	104	98	86	92	93	92	91	93	100.3
	Minimum	74	76	75	70	72	75	75	78	78	73	75	74	70	72	75	75	75	77	76	78	76	75	72	74	70	70	70	72	66	61	65	73.0
Dutton	Maximum	97	97	102	95	99	99	101	103	104	102	103	103	92	99	95	97	87	100	102	93	86	82	85	85	79	82	81	89	87	86	88	93.5
	Minimum	75	73	65	60	61	62	65	62	64	64	63	69	67	64	67	68	69	67	66	67	65	64	63	63	65	63	60	62	50	48	55	63.7
El Dorado	Maximum	98	100	101	103	103	104	105	107	103	99	97	102	105	100	96	98	100	102	103	105	104	98	100	102	100	92	97	94	95	96	96	100.2
	Minimum	73	76	76	77	77	78	77	79	79	76	75	77	77	73	76	76	76	79	79	79	80	77	76	77	75	72	72	74	69	66	69	75.5
England	Maximum	97	100	102	98	103	103	105	108	105	100	100	105	101	102	96	98	100	101	104	100	95	91	100	94	93	91	96	91	90	91	96	98.6
	Minimum	77	78	80	71	72	73	76	75	76	74	75	76	77	72	74	75	76	74	76	76	72	74	72	78	69	70	67	67	65	58	61	72.8
Eureka Springs	Maximum	103	99	106	99	100	100	102	103	106	107	105	106	101	104	103	97	88	101	103	92	91	84	80	79	72	80	80	88	82	85	90	94.7
	Minimum	82	82	77	67	79	80	80	80	71	75	78	80	79	71	77	71	72	74	79	70	63	71	65	65	65	66	65	64	58	56	65	71.8
Fayetteville	Maximum	101	100	102	101	99	100	102	102	105	104	102	104	100	99	98	99	94	100	104	100	93	85	83	83	79	81	80	86	85	88	90	95.1
	Minimum	82	83	78	68	77	76	80	75	76	77	76	81	80	72	79	78	74	80	79	73	72	70	68	68	67	67	66	65	58	56	69	73.2
Fort Smith***	Maximum	103	104	105	103	106	105	106	107	109	104	104	107	93	101	100	104	101	104	106	104	96	86	92	96	84	87	91	93	92	89	95	99 3
	Minimum	84	85	75	72	76	78	82	79	82	80	80	83	76	76	80	81	79	78	82	82	77	68	68	73	73	72	71	70	68	66	70	76.3
Gravette	Maximum	105	102	105	104	104	105	106	107	109	107	105	108	98	103	103	105	98	104	106	96	95	86	83	82	76	86	80	88	85	90	92	97 5
	Minimum	82	80	70	71	75	77	77	73	73	74	76	77	77	72	77	77	72	77	72	71	65	65	67	65	65	66	65	64	59	58	66	71.2
Harrison	Maximum	106	104	106	102	105	106	109	109	112	106	108	107	101	101	100	98	83	103	104	95	84	83	82	80	78	80	83	89	82	83	94	96.2
	Minimum	83	83	79	69	69	74	76	76	75	75	76	78	76	70	75	72	73	71	76	72	62	69	66	69	66	66	65	66	56	54	61	70.9
Helena	Maximum	94	98	98	100	103	102	105	105	95	96	98	103	98	98	95	96	96	97	102	94	90	83	92	93	92	83	91	88	85	88	90	95.0
	Minimum	75	77	75	69	73	74	73	75	76	74	74	75	74	71	75	75	76	74	74	78	72	74	72	71	68	69	68	70	64	58	62	72.1
Highland	Maximum	..	..	104	104	103	103	103	107	103	103	103	101	99	103	101	103	102	103	104	103	104	102	98	103	98	99	98	96	96	95	96	101.3
	Minimum	..	..	75	73	75	76	75	79	80	71	70	73	70	72	70	70	70	70	70	71	71	70	69	70	70	70	68	70	75	64	75	71.8
Hope	Maximum	100	102	103	105	105	106	107	108	108	105	102	105	108	105	102	100	105	104	106	106	107	99	103	105	96	94	99	97	95	96	101	102.7
	Minimum	72	75	75	72	70	75	76	76	78	74	74	76	75	72	73	74	76	77	76	77	77	71	74	77	70	69	69	74	67	65	65	73.3
Hot Springs	Maximum	99	103	106	105	106	107	109	110	107	103	105	108	103	107	101	101	101	107	108	106	107	96	100	103	91	91	98	96	95	94	98	102.3
	Minimum	76	77	79	69	74	80	81	83	75	75	72	80	79	73	76	77	79	75	81	82	75	70	69	78	71	72	70	72	68	64	66	74.8
Jonesboro	Maximum	100	102	107	104	108	109	110	111	108	102	104	107	97	100	94	94	81	98	103	91	78	82	90	83	79	79	87	89	82	83	89	95.2
	Minimum	79	76	78	72	76	78	79	78	78	76	75	77	70	72	72	76	73	72	77	74	62	68	66	69	68	61	62	66	60	54	60	71.1
Lead Hill	Maximum	108	102	101	108	110	111	112	112	116	108	108	113	104	104	101	95	80	102	103	86	86	78	83	79	75	83	82	89	83	87	96	96.9
	Minimum	83	79	70	67	66	67	71	70	71	74	73	73	73	71	76	71	74	71	72	73	62	69	66	68	66	65	65	64	56	52	58	68.9
Little Rock.* **	Maximum	96	98	101	100	101	102	103	105	102	96	97	103	94	97	93	95	92	102	104	93	91	88	97	92	85	85	91	89	84	85	91	95.2
	Minimum	76	78	68	72	75	78	77	79	81	79	76	77	78	76	78	76	77	75	78	78	72	73	72	73	71	69	69	66	68	63	67	74.0
Lutherville	Maximum	104	104	105	104	106	107	106	108	109	103	105	107	97	102	101	100	90	104	108	103	98	89	94	91	88	89	90	96	90	92	96	99.5
	Minimum	81	80	80	71	73	75	75	80	73	76	75	77	74	74	78	76	74	75	80	78	72	72	67	74	70	70	70	70	64	60	67	73 6
Magnolia	Maximum	97	100	100	102	104	102	103	105	103	99	96	102	103	101	98	99	101	102	103	104	104	101	101	102	97	93	99	97	100	96	93	100.2
	Minimum	74	74	78	76	72	75	73	75	79	75	75	75	76	72	74	74	75	71	77	75	78	73	75	75	73	71	71	74	76	70	65	74.1
Mammoth Spring	Maximum	100	99	103	102	104	105	106	107	109	103	102	105	97	93	94	90	78	93	95	89	85	87	81	80	74	78	83	90	86	84	87	93.2
	Minimum	80	81	75	75	69	72	73	71	74	75	79	75	72	70	78	71	72	72	74	67	71	74	68	67	67	61	67	68	57	54	56	70.5
Marianna	Maximum	93	96	98	99	102	101	103	105	102	95	97	102	97	95	95	94	93	100	104	100	91	89	91	91	86	83	88	88	87	87	89	94.9
	Minimum	76	78	77	73	74	75	77	77	79	75	76	76	71	74	77	76	77	77	76	80	71	75	73	73	71	69	67	72	60	58	62	73 3
Marked Tree§§	Maximum	92	97	104	100	104	105	107	107	100	97	100	103	93	97	94	90	86	99	103	88	80	85	90	88	79	84	91	91	82	87	91	94.0
	Minimum	73	76	77	69	72	74	72	76	76	74	73	74	69	71	72	74	73	73	74	74	63	63	68	70	67	63	60	63	60	55	56	69.5
Marshall	Maximum	101	102	104	105	106	106	108	108	110	104	105	109	104	101	100	100	84	99	102	85	82	82	87	84	75	82	84	89	82	85	93	95.7
	Minimum	80	73	74	65	65	66	73	72	81	76	86	74	74	68	74	68	70	72	79	71	61	67	64	68	61	64	63	65	54	51	61	69.1
Mena	Maximum	98	100	103	99	99	99	102	104	105	99	101	104	98	100	98	95	96	101	103	100	104	90	97	96	88	88	94	91	90	92	96	97.7
	Minimum	74	75	77	67	72	74	74	76	78	71	75	76	79	73	73	75	76	74	75	77	76	68	69	72	68	70	69	68	67	63	67	72.5
Morrilton §§	Maximum	96	100	102	100	101	102	104	106	106	98	100	104	93	99	94	95	94	100	104	96	92	88	94	91	85	84	92	91	84	89	92	96.0
	Minimum	72	80	82	72	72	75	76	77	80	70	75	77	79	73	76	77	75	74	74	77	72	72	69	71	71	71	69	69	68	60	63	73.2
Mountain Home	Maximum	106	105	109	107	108	109	110	111	114	109	108	111	103	96	99	89	76	100	105	88	83	81	82	80	72	81	86	90	80	84	95	96.0
	Minimum	81	81	76	70	66	71	72	72	73	76	74	74	70	70	73	71	72	71	74	66	62	67	66	68	65	64	63	65	58	52	60	69.1
Mount Ida	Maximum	99	103	104	102	101	102	105	106	108	101	102	106	100	103	99	99	100	105	106	105	104	91	99	98	90	88	92	91	91	92	93	99.5
	Minimum	73	73	80	67	64	71	68	68	70	69	70	72	72	68	72	76	74	68	66	68	73	68	68	73	65	69	64	68	63	57	60	68.9
Newport	Maximum	98	101	108	105	108	109	110	112	111	103	105	108	96	100	98	94	84	100	105	91	83	87	89	85	81	84	89	90	83	87	96	96.8
	Minimum	79	79	78	74	72	74	77	75	79	74	75	77	72	73	74	70	74	75	78	69	63	71	69	72	71	65	64	71	62	55	60	71.6
Okay	Maximum	99	100	102	103	102	103	105	106	106	100	100	103	105	103	100	99	102	103	104	105	104	102	102	102	99	89	96	93	92	94	98	100.7
	Minimum	70	73	71	70	66	74	70	72	74	71	72	71	72	74	74	74	74	73	70	72	76	70	73	76	70	69	69	73	67	64	64	71.2
Ozark§§	Maximum	110	110	108	105	106	106	108	108	111	106	108	112	87	106	101	103	99	108	110	103	96	92	92	95	97	87	90	95	92	91	95	101.2
	Minimum	71	81	73	70	71	74	75	75	78	78	76	76	81	74	78	77	75	76	75	80	75	75	63	71	73	73	72	70	63	63	66	73 5
Pine Bluff	Maximum	96	100	102	100	104	104	105	107	102	100	99	104	102	99	96	97	97	104	103	101	97	91	99	100	97	87	94	92	89	91	96	98.5
	Minimum	77	78	78	72	76	79	78	81	81	76	76	78	76	74	76	77	79	78	79	79	78	78	73	78	73	72	71	70	69	64	66	75.5
Pocahontas	Maximum	99	103	107	105	108	109	109	110	112	102	104	106	102	99	96	91	90	96	100	88	81	83	86	85	81	84	89	90	91	86	91	96.2
	Minimum	79	78	75	71	70	70	75	72	75	72	74	75	66	71	75	73	72	71	75	68	69	65	65	69	66	62	60	62	64	55	55	69.3
Portland	Maximum	95	96	98	100	100	100	102	104	93	95	93	100	102	94	90	94	97	98	98	100	101	95	96	97	99	87	90	91	93	94	95	96.4
	Minimum	70	69	71	71	68	71	71	74	73	70	71	70	72	70	73	72	71	73	73	71	73	73	70	72	71	70	70	69	64	61	61	70.3
Prescott	Maximum	99	101	102	102	103	104	106	107	104	101	99	105	107	104	99	99	102	103	105	105	104	99	103	104	98	92	96	94	95	95	98	101.1
	Minimum	74	75	74	73	75	76	75	77	80	75	75	75	77	73	75	75	76	77	75	78	79	71	74	79	72	70	70	73	68	64	65	74.0
Searcy	Maximum	97	100	103	100	105	105	107	109	108	101	103	107	98	97	96	95	92	102	106	95	87	91	96	87	82	86	92	93	89	89	94	97.2
	Minimum	76	78	73	72	69	71	72	74	75	74	72	74	72	71	72	74	71	72	73	75	66	71	70	73	70	66	65	70	63	58	60	70.7
Stuttgart	Maximum	98	101	103	102	104	105	107	108	102	101	102	105	100	102	98	99	95	100	104	99	95	89	98	95	91	87	93	92	89	89	93	98.3
	Minimum	74	75	77	70	71	74	75	76	77	74	74	73	77	72	73	74	76	74	76	76	73	75	73	74	70	69	67	67	64	59	63	72.3
Texarkana	Maximum	101	102	103	104	104	105	106	108	110	104	101	107	109	105	102	100	103	104	106	106	105	104	103	103	102	95	99	94	96	98	99	102.8
	Minimum	71	71	72	71	72	73	73	75	78	74	72	74	75	73	74	75	74	75	75	75	76	68	71	75	75	67	69	68	66	68	68	72.4
Thornburg	Maximum	97	102	102	100	102	102	107	107	108	100	100	105	99	102	98	99	96	103	107	102	99	93	98	96	87	87	94	92	91	90	95	98.7
	Minimum	74	79	86	65	64	74	75	74	73	72	73	77	76	68	73	76	73	69	69	69	68	66	67	71	66	74	63	66	64	52	58	70 1
Warren	Maximum	100	102	104	104	104	105	108	107	105	99	99	106	105	101	95	100	102	105	104	103	100	97	102	103	97	94	93	91	92	93	97	100.5
	Minimum	82	76	76	74	75	77	78	79	76	74	76	77	75	73	75	75	78	78	79	77	76	76	74	76	72	74	71	73	69	64	66	74.9
Wilson	Maximum	94	96	100	100	103	102	103	104	100	98	99	101	92	98	92	92	85	96	102	85	81	84	91	87	79	82	89	88	87	86	93	93.1
	Minimum	75	76	76	70	71	75	74	74	76	74	73	70	69	73	73	74	73	73	73	73	61	69	70	71	68	60	61	64	59	53	57	69.6
Wynne	Maximum	96	101	105	101	108	108	110	109	103	100	103	107	88	98	96	98	92	102	105	90	88	90	92	87	89	84	90	90	82	85	94	96.5
	Minimum	75	77	78	72	73	74	75	75	77	73	74	75	70	71	72	75	72	74	75	75	64	72	74	70	67	64	63	68	61	54	62	71.0

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. - 9-26-34-100

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XXXIX Little Rock, Ark., September, 1934 No. 9

GENERAL SUMMARY

This was the coolest September since 1928 and the wettest for the State as a whole since 1925. However, in some sections in the western portion it was the wettest September since records have been kept. The average temperature for the State, based on the reports of 61 stations, was 71.3° which is 3.1° below the mean for the past 44 years, this being the first month since March with the mean temperature below normal. Monthly means ranged from 63.6° at Dutton in the Ozarks to 76.8° at Magnolia in a southern border county. Of the stations with records of 10 years or more, only five, located mostly along the southern border, had positive departures. The highest temperature recorded was 100° at Dumas on the 11th and at three other stations on later dates; the lowest, 37° at Mount Ida and Thornburg on the 17th. The greatest daily range was 49° at Carthage on the 18th.

Rainfall was heavy to excessive in the northwestern portion of the State and in the Ouachita Mountains the first few days of the month and heavy in most sections either the 28th or 29th. Rains of an inch or more also occurred at a number of stations about the middle of the month and on either the 20th or 21st. The average precipitation for the State for the 89 stations reporting was 5.46 inches which is 2.08 inches above the mean for the past 44 years. Only 14 of the stations for which normals have been computed had negative departures. Monthly totals ranged from 1.44 inches at Magnolia to 14.13 inches at Sunset. Five stations had monthly totals of less than 2.00 inches while an equal number had over 10.00 inches. The greatest amount measured in any 24-hour period was 6.07 inches at Sunset on the 2d. The average number of rainy days was 8.

The rainfall the first part of the month was very beneficial to all crops but in some sections along the Mississippi River and in the southern portion of the State it was insufficient. Cotton picking was delayed some by the rainy weather during the month but this work is much more advanced than usual at this season of the year. In the southern portion most of the crop had been picked by the end of the month and picking had progressed rapidly elsewhere. In the lowlands late bolls filled out after the rains and some correspondents reported new blooms. Late corn was greatly benefited by the rains except in the southern portion where rainfall was lightest. Meadows, pastures, and truck crops revived and considerable hay was made. Much more than the usual amount of wheat, oats and rye was sown, much of it for pasture. The soil was still too dry in some sections of the southern portion of the State at the close of the month for growth of fall crops.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	1	2	2	.	1	1	.	1	1	.	.	.	..	.	2	1	2	1	1	..	1	3	1	.	.	.	2	3	3	1	..
Light Hail	..	1	.		.	.		.	..	.	.	..	.	.	.	.	.	.	.	.		.	.	.	.	.	.	.		.	..
Moderate Hail	.	..	.		..	..	.	..	.	.		.	.	.	.	.		..	.	.	.	..	.	..	..	.	.	.	.	.	..
Heavy Hail	..	.	.		..	.	.	.	.	.	.	.	..	.		..	.	..	.		.	..	.	.			..	.	..	..	.
Thunderstorms	5	18	16	..	.	2	.	1	..	8	..	2	7	16	4	..	..	.	.	3	20	1	..	..	2	.	.	5	18	1	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29 98	30.32	30	29.70	20	5.9	20	n	13†	....	....	....	65
Fort Smith	29.98	30.33	30	29.70	20	7.7	34	w	3	85	59	61	60
Little Rock	30.00	30.31	30	29.75	3	7.6	21	w	14	86	54	56	73
Memphis	30.01	30.29		29.76	3	7.0	22	ne	15	80	58	63	60

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	73.4	−1.0	102	40	0.94	−2.44	5.80	0.00	0	2	22	6	2
1892	70.8	−3.6	96	32	2.14	−1.24	6.12	T.	0	3	23	4	3
1893	74.0	−0.4	103	36	3.75	+0.37	8.27	0.71	0	5	19	5	6
1894	73.1	−1.3	100	38	3.56	+0.18	8.94	0.40	0	6	14	8	8
1895	77.1	+2.7	105	32	1.36	−2.02	3.88	0.03	0	4	19	7	4
1896	73.3	−1.1	106	35	3.25	−0.13	6.07	0.69	0	10	11	9	10
1897	76.6	+2.2	108	33	0.60	−2.78	2.87	0.00	0	2	21	7	2
1898	75.2	+0.8	104	40	7.35	+3.97	21.95	3.26	0	8	15	6	9
1899	71.9	−2.5	109	28	1.21	−2.17	3.00	T.	0	3	20	7	3
1900	78.0	+3.6	104	48	4.25	+0.87	9.17	1.24	0	7	12	12	6
1901	72.6	−1.8	101	32	3.08	−0.30	8.87	0.17	0	4	18	8	4
1902	68.4	−6.0	99	30	5.06	+1.68	9.31	2.63	0	8	15	8	7
1903	70.7	−3.7	102	34	2.47	−0.91	7 38	0.40	0	5	18	7	5
1904	75.4	+1.0	101	37	2.46	−0.92	6.18	0.16	0	5	15	9	6
1905	74.2	−0.2	100	44	3.90	+0.52	8.03	0.50	0	8	16	7	7
1906	75.7	+1.3	100	47	6.24	+2.86	12.27	2.33	0	10	11	9	10
1907	73.9	−0.5	106	38	2.22	−1.16	13.63	0.02	0	4	19	8	3
1908	73.4	−1.0	101	29	4 00	+0.62	9.65	0.84	0	7	13	8	9
1909	74.7	+0.3	108	31	2 84	−0.54	8.05	0.86	0	5	18	7	5
1910	76.4	+2.0	101	44	2.41	−0.97	9.34	0.05	0	5	18	8	4
1911	79.0	+4.6	102	46	3.67	+0.29	10.00	0.00	0	6	18	9	3
1912	78.5	+4.1	106	32	2.40	−0.98	5.33	0.33	0	4	18	8	4
1913	71.7	−2.7	108	33	10.10	+6.72	17.84	3.78	0	13	9	9	12
1914	74.4	0.0	101	38	3.19	−0.19	10.61	0.41	0	5	16	9	5
1915	74.9	+0.5	100	34	1.43	−1.95	4.79	T.	0	3	16	8	6
1916	72.5	−1.9	102	30	3.40	+0.02	7.51	0 89	0	6	19	6	5
1917	71.8	−2.6	99	37	1.76	−1.62	5.26	0.06	0	4	18	7	5
1918	67.3	−7.1	104	29	4.63	+1.25	10.10	1.80	0	7	16	5	9
1919	74.6	+0.2	108	40	2.72	−0.66	6.30	0.42	0	4	15	8	7
1920	74.9	+0.5	100	30	3.56	+0.18	8 25	1.13	0	6	17	6	7
1921	79.6	+5.2	104	35	3.38	0.00	6.96	0.67	0	6	14	9	7
1922	76.2	+1.8	106	37	1.25	−2.13	5.89	T.	0	3	22	5	3
1923	73.0	−1.4	98	45	5.56	+2.18	13.91	1.69	0	9	12	7	11
1924	69.7	−4.7	103	29	3.99	+0.61	11.10	0.86	0	7	17	5	8
1925	80.5	+6.1	113	47	5.96	+2.58	15.61	0.58	0	7	16	7	7
1926	76.8	+2.4	101	40	3.99	+0.61	14.55	0.27	0	7	14	8	8
1927	75.9	+1.5	105	32	3.37	−0.01	11.96	0.75	0	6	16	8	6
1928	70.5	−3.9	101	32	0.45	−2.93	2.60	0.00	0	1	22	5	3
1929	73 4	−1.0	102	41	2.46	−0.92	5.86	0.31	0	5	15	8	7
1930	75.7	+1.3	106	35	4.10	+0.72	11.80	1.21	0	8	15	8	7
1931	78.4	+4.0	102	34	1.00	−2.38	4.32	0.00	0	3	22	7	1
1932	73.8	−0.6	103	35	2.54	−0 84	7.99	0.30	0	6	12	10	8
1933	78.5	+4.1	102	41	5.10	+1.72	14.92	0.17	0	8	15	8	7
1934	71.3	−3.1	100	37	5.46	+2.08	14.13	1.44	0	8	15	7	8
Period	74.4	......	113	28	3.38	......	21.95	0.00	0	6	17	7	6

Daily River Stages for September, 1934

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or Van Buren	Arkansas	22	3.7	6.1	8.6	11.6	13.0	13.0	11.4	9.5	8.4	7.6	7.8	7.4	9.8	10.1	9.4	11.4	13.4	14.1	12.7	10.2	9.3	9.3	9.5	10.8	10.5	9 2	8.5	7.6	7.0	10.0	
Ozark	do	22	0.1	0.5	4.9	6.8	8.5	8.7	8.3	6.1	4.4	4.3	3.0	3.0	2.7	5.4	5.4	5.4	7.8	9.5	9.3	7.2	5 3	4.9	4.7	5.4	6.3	5.4	4.4	3.4	2.7	4.6	
Dardanelle	do	22	2.1	2.8	4.4	8.3	9.7	11.1	11.0	10.0	8.2	6.9	6.2	4.8	4.8	4.5	7.8	7.5	8.1	10.8	11.8	11.0	9.1	7.8	7.5	7.3	8.0	8.6	8.6	6 8	6.2	6.0	
Morrilton	do	20	−2.9	−1.9	−0.9	3.2	5.9	7.9	8.4	7.8	6.0	4.3	3.1	2.3	2.0	1.9	3.0	4.6	4 1	6.4	8.7	8.8	7.1	5.3	4.5	4.3	4.3	5.5	5.2	4.0	3 2	2.5	
Little Rock	do	23	−3.8	−3.8	−2.9	−1.7	2 6	5.7	7.6	7.9	7.0	5.3	3.8	2.7	1.9	1.6	1.5	2.5	4.0	3.9	6.4	8 4	8.0	6 1	4.5	3.9	3.7	3.9	4.8	4.5	3.4	2.8	
Pine Bluff	do	25	0.8	0.6	0 6	1.0	2.2	6.6	9.9	11.6	11.9	10 8	9.7	7.9	6.9	6.1	5.5	5.7	6.8	8.0	8.2	10.9	12.4	11.9	10.9	8.7	8.1	7.8	8.0	8.9	8 4	7.6	
Danville	Petit Jean	20	1.7	3.1	16.5	19.2	15.3	7.1	3.9	3.3	3.0	2.9	2.3	2.1	2.0	1.9	1.9	1.9	1.9	1.9	2.2	2.2	2.2	5.8	8.3	4.4	3.4	2.9	2.8	2.8	2.8	6.6	

Climatological Data for September, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	71.4	-3.2	94	1	46	17	42	6.38	+3.28	1.68	0.0	7	13	14	3	sw.	J. W. Campbell
Arkadelphia	Clark	250	39	......	......	......	......	......	......	......	4.12	+1.13	1.09	0.0	8	16	7	7	ne.	W. K. Bown
Arkansas City	Desha	145	50	......	......	......	......	......	......	......	6.12	+3.26	3.39	0.0	6	20	1	9	......	Herbert Neff
Arlberg	Stone	700	12	......	......	......	......	......	......	......	8.26	+4.66	2.85	0.0	7	..	..	..	....	J. D. Reeves
Batesville	Independence	277	35	68.6	-4.0	93	12	45	17	42	4.21	+0.52	1.65	0.0	9	21	2	7	se	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	71.6	-2.6	95	12	45	17	35	5.07	+1.85	1.76	0.0	8	14	7	9	s.	J. E. Scanlan
Bentonville	Benton	1303	29	66.5	-4.2	88	19	43	27	32	7.12	+3.34	1.90	0.0	11	11	9	10	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	4	......	......	......	......	......	......	......	3.81	......	1.83	0.0	7	17	4	9	......	C. J. Brooks
Black Rock	Lawrence	259	33	......	......	......	......	......	......	......	5.27	+1.55	1.10	0.0	12	16	3	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	9	70.6	......	93	20	44	17	37	3.59	......	1.15	0.0	12	15	8	7	n.	Samuel Norris
Booneville	Logan	465	20	71.7	-3.9	96	19	46	17	37	11.09	+7.72	4.46	0.0	9	13	10	7	e.	F. H. Randolph
Brinkley	Monroe	205	47	74.0^{a}	-0.8	100^{a}	12	42^{a}	17	44^{a}	2.96	-0.52	0.80	0.0	7	20	2	8	se.	R. J. Torry
Calico Rock	Izard	361	30	68.2	-4.2	94	12†	44	16	40	4.21	+0.63	1.73	0.0	12	15	6	9	sw.	E. R. Wiseman
Camden	Ouachita	158	49	73.2	-2.2	96	10†	41	17	45	3.12	-0.19	1.86	0.0	5	12	5	13	sw.	J. M. Knight
Carthage	Dallas	297	29	71.4	......	97	11	41	17	49	3.44	+0.15	0.95	0.0	7	15	12	3	n.	P. K. Wylie
Center Point	Howard	470	35	74.2	-2.7	97	1	43	16	42	5.31	+1.80	1.67	0.0	4	18	5	7	s.	John C. Floyd
Clarendon	Monroe	172	50	......	......	......	......	......	......	......	3.14	-0.55	1.04	0.0	7	15	3	12	s.	J. W. Bishop
Clinton	Van Buren	516	13	......	......	......	......	......	......	......	6.07	+2.35	1.90	0.0	9	14	9	7	nw.	A. L. Stephens
Conway	Faulkner	309	51	73.4	-1.6	97	12†	46	17	39	5.29	+1.88	2.08	0.0	7	18	8	4	s.	E. E. Cordrey
Corning	Clay	293	41	69.6	-2.8	91	11†	43	17	35	5.06	+1.36	2.00	0.0	11	16	7	7	s.	Winfred D. Polk
Cotter	Baxter	408	7	......	......	......	......	......	......	......	6.29	......	1.63	0.0	12	16	5	9	......	O. B. McSpadden
Crosset	Ashley	175	22	75.8	+0.3	97	12	47	16	42	2.85	+0.30	1.55	0.0	7	16	5	9	sw.	G. A. Gifford
Danville	Yell	327	18	......	......	......	......	......	......	......	7.44	+3.87	2.25	0.0	11	12	3	10	......	J. M. Patterson
Dardanelle	Yell	330	48	72.0	-2.8	95	1†	46	17	36	6.62	+3.19	3.04	0.0	12	10	13	7	s.	Geo. N. Goodier
Deer	Newton	2200	1	65.4^{i}	......	85^{i}	13	44^{i}	27	27^{i}	5.74	......	3.00	0.0	9	11^{i}	0^{i}	11^{i}	......	Mrs. J. M. Essex
De Valls Bluff	Prairie	153	7	......	......	......	......	......	......	......	......	......	....	....	..	..	..	..	......	Mrs. Frank O'Rourke
Dumas	Desha	162	29	75.4	-0.5	100	11†	44	17	47	3.17	-0.17	1.35	0.0	6	8	15	7	s.	Ben Johnson
Dutton	Madison	1590	31	63.6	-4.9	94	2	38	7†	39	12.73	+7.85	4.88	0.0	11	19	8	3	s.	J. M. Ricketts
El Dorado	Union	270	34	77.1	+0.3	97	11†	51	17	37	3.37	+0.34	1.77	0.0	6	10	12	8	s	J. J. Babb
England	Lonoke	229	27	73.0^{a}	-2.0	98^{a}	13†	45^{a}	17	41^{a}	2.90	-0.63	0.86	0.0	6	19^{a}	4^{a}	6^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	67.6	-4.3	88	12	42	27	31	9.36	+5.07	3.75	0.0	10	15	10	5	sw	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	68.0	-4.2	87	13†	44	16	31	9.16	+5.51	3.59	0.0	10	16	10	4	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	70.8	-3.2	93	13	51	16	30	10.49	+7.50	4.36	0.0	11	15	8	7	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	10	......	......	......	......	......	......	......	8.36	......	3.56	0.0	13	17	4	9	sw.	R. J. McCuiston
Fulton	Hempstead	260	49	......	......	......	......	......	......	......	1.61	-0.96	1.36	0.0	2	16^{a}	6^{a}	7^{a}	......	T. J. Logan
Georgetown	White	200	22	......	......	......	......	......	......	......	4.50	+0.56	1.35	0.0	7	20	3	7	......	Mrs. W. R. Owens
Grannis	Polk	900	15	70.9	-2.6	95	1	41	17	43	7.90	+3.73	2.23	0.0	6	16	11	3	se.	W. E. McVay
Gravette	Benton	1250	37	67.7	-2.9	90	13	42	16†	33	8.41	+4.59	1.67	0.0	9	18	9	3	s.	Max W. Schmidt
Harrison	Boone	1052	34	67.6	-2.4	90	1†	44	18	38	6.86	+2.76	2.83	0.0	12	16	3	11	w.	Louis R. Keck
Helena	Phillips	250	62	73.4	-1.9	95	11†	46	17	37	2.43	-0.98	1.63	0.0	6	9	11	10	se.	James A. Burnett
Higden	Cleburne	445	15	......	......	......	......	......	......	......	4.31	+0.45	1.72	0.0	7	20	1	9	ne.	Trumon Brown
Highland	Pike	600	15	75.6	......	99	19	49	16	40	6.20	+3.00	2.45	0.0	5	8	17	5	s	J. O. Cooley
Hope	Hempstead	377	64	75.2	-1.3	99	1	45	17	44	3.05	-0.15	1.52	0.0	5	16	12	2	s.	N. P. O'Neal
Hot Springs	Garland	600	43	75.0	-0.4	98	20	47	17	40	4.87	+1.40	1.76	0.0	5	6	20	4	s.	National Park Service
Index	Little River	275	9	......	......	......	......	......	......	......	3.35	......	1.50	0.0	4	18	2	10	......	H. C. Sanderson
Jessieville	Garland	750	8	......	......	......	......	......	......	......	4.75	......	2.25	0.0	5	8	19	3	s.	U. S. Forest Service
Jonesboro	Craighead	345	39	69.6	-4.8	91	11†	45	17	35	3.58	+0.18	0.93	0.0	9	9	9	12	e.	Benedictine Sisters
Lead Hill	Boone	650	28	68.6	-3.6	96	12	41	17	39	5.02	+1.39	2.10	0.0	8	17	8	5	sw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	72.1	-2.0	95	19	52	17	30	4.00	+0.83	1.73	0.0	7	15	6	9	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	35	70.8	-3.0	93	12†	47	16	34	6.72	+2.68	2.48	0.0	8	16	4	10	sw.	H. G. Lenhardt
Madison	St. Francis	209	4	......	......	......	......	......	......	......	1.88	......	0.70	0.0	5	19	0	11	......	J. W. Eppes
Magnolia	Columbia	315	18	76.8	+0.8	97	1†	49	17	42	1.44	-0.87	0.83	0.0	5	7	20	3	sw.	State Agri. School
Malvern	Hot Springs	277	48	......	......	......	......	......	......	......	......	......	....	...	..	..	..	..	......	
Mammoth Spring	Fulton	600	30	67.6	-3.8	90	13	44	17	33	3.87	+0.06	1.33	0.0	8	13	6	11	sw.	S. F. Whittaker
Marianna	Lee	235	23	73.5	-0.3	93	12†	45	17	39	1.97	-0.91	1.30	0.0	6	16	7	7	s	C. N. Houck
Marked Tree	Poinsett	229	30	70.0	-3.6	93	12	43	17	44	4.31	+1.47	1.39	0.0	8	14	11	5	sw.	Charles Walton
Marshall	Searcy	1070	20	68.2	-4.0	92	19	39	16†	41	8.87	+4.61	4.70	0.0	10	17	3	10	se.	A. J. Parks
Mena	Polk	1207	46	71.3	-2.7	96	1	45	17	36	9.28	+5.46	2.45	0.0	10	14	8	8	sw.	E. W. St. John
Morrilton	Conway	347	15	69.4	-6.0	90	12†	48	17	37	5.63	+2.87	2.02	0.0	8	17	6	7	e.	Miss Ruby Cook
Mountain Home	Baxter	800	22	68.6	-2.6	93	10†	44	16†	35	6.90	+2.56	1.79	0.0	10	10	6	14	nw.	B. S. Halbert
Mount Ida	Montgomery	650	35	69.4	-3.7	95	19	37	17	46	7.31	+3.73	2.91	0.0	6	19	5	6	se.	G. A. Whittington
Newport	Jackson	231	51	71.8	-2.2	95	13	46	17	36	5.79	+2.18	1.50	0.0	10	12	8	10	n.	J. D. Henderson
Norman	Montgomery	750	6	......	......	......	......	......	......	......	7.48	......	2.28	0.0	8	20	3	7	......	U. S. Forest Service
Oden	Montgomery	800	8	......	......	......	......	......	......	......	6.96	......	1.72	0.0	8	16	2	12	sw.	U. S. Forest Service
Okay	Howard	288	5	73.8	....	97	19	42	17	45	3.50	......	1.23	0.0	7	18	7	5	se.	Charles R. Jackson
Osceola	Mississippi	240	38	73.2	-0.6	96	12	47	17	38	3.52	+0.68	2.00	0.0	3	14	6	10	s.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	69.2	-6.6	95	13	47	16	38	9.85	+6.57	3.64	0.0	11	15	3	12	e.	Orkney O. Milton
Paragould	Greene	301	11	......	......	......	......	......	......	......	4.08	......	1.66	0.0	5	17	7	6	se.	W. R. Heagler
Parkin	Cross	222	4	......	......	......	......	......	......	......	1.92	......	0.90	0.0	4	15	2	13	......	Carroll King
Patterson	Woodruff	196	18	......	......	......	......	......	......	......	4.32	+1.43	2.47	0.0	4	17	6	7	sw.	W. E. Baker
Piggott	Clay	307	10	......	......	......	......	......	......	......	4.06	......	1.45	0.0	9	12	11	7	sw.	V. C. Wright
Pine Bluff	Jefferson	215	47	75.6	+0.7	100	13	49	17	40	3.49	-0.07	1.03	0.0	7	17	7	6	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	41	69.8	-3.6	92	12	45	17	34	5.17	+1.60	1.60	0.0	8	9	10	11	sw.	Benedictine Sisters
Portland	Ashley	122	28	73.8	-2.6	95	1	47	17†	39	7.21	+4.50	3.58	0.0	5	12	11	7	s.	W. E. Edmiston
Prescott	Nevada	329	46	75.4	-0.6	98	13†	47	17	43	2.78	-0.31	0.70	0.0	9	16	9	5	s.	Craig Williams
Rison	Cleveland	243	34	......	......	......	......	......	......	......	......	......	......	...	..	..	..	.	......	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	67.8	-3.2	90	19	43	16†	37	7.59	+3.80	2.51	0.0	9	15	9	6	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	....	1	......	......	......	......	......	......	......	4.28	......	2.40	0.0	5	21	2	7	......	Miss Clarice Maddox
St. Francis	Clay	290	7	......	......	......	......	......	......	......	4.47	......	1.39	0.0	9	16	6	8	......	S. T. Rooney
Searcy	White	236	24	71.2	-3.0	96	12	45	17	37	4.47	+1.49	2.89	0.0	8	20	2	8	sw.	Arthur D. Smith
Story	Montgomery	700	10	......	......	......	......	......	......	......	6.84	......	3.08	0.0	6	19	8	3	s.	S. C. Story
Stuttgart	Arkansas	209	47	73.4	-1.6	97	13	45	17	41	2.44	-0.90	0.99	0.0	6	19	4	7	s.	Mrs. Kress Swim
Subiaco	Logan	1050	37	71.3	-2.8	94	1†	48	17	34	9.01	+5.67	3.01	0.0	10	18	2	10	s.	New Subiaco Abbey
Sunset	Washington	2250	3	66.1	......	87	19	42	16	29	14.13	......	6.07	0.0	11	15	12	3	sw.	Walter James
Texarkana	Miller	332	49	75.4	-1.4	98	2	47	17	40	3.85	+0.44	1.58	0.0	4	15	9	6	s.	H. S. Brashear
Thornburg	Perry	650	14	69.4^{b}	-3.1	98	12	37^{c}	17	44^{c}	4.98	+1.46	1.84	0.0	8	19	3	8	s.	Edward E. Holmes
Waldron	Scott	675	15	......	......	......	......	......	......	......	11.14	+7.77	8.81	0.0	10	11	8	11	nw.	Dr. Cheves Bevill
Warren	Bradley	206	40	76.4^{a}	+0.4	100^{a}	12	49^{a}	17	39^{a}	2.88	-1.10	0.90	0.0	5	19	10	1	......	Miss Evelyn Hoyle
Waters	Montgomery	800	10	......	......	......	......	......	......	......	7.32	......	2.40	0.0	5	15	5	10	sw.	J. R. Huddleston
Wilson	Mississippi	237	9	72.1	......	93	11†	43	17	40	3.75	......	1.80	0.0	6	16	7	7	s.	D. O. Anderson
Wynne	Cross	250	26	71.7	-2.6	96	12	46	17	36	4.40	+0.80	1.46	0.0	7	7	17	6	n.	R. T. Cobb
Yancopin	Desha	167	10	......	......	......	......	......	......	......	3.42	......	1.63	0.0	4	16	1	13	......	W. E. Barton
State Means				71.3	-3.1	100	11†	37	17	49	5.46	+2.08	6.07	0.0	8	15	7	8	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a, b, c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24 hours ending 7 a. m. *Included in next measurement. Data in italics partly interpolated.

Daily Precipitation for September, 1934

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
mity	Ouachita		1.68	1.36												.47						1.15	.49							.17	1.06		6.38
rkadelphia	Ouachita		.52	.61	.02			T.				T.				.02						1.09	.60							.17	1.09		4.12
rkansas City	Mississippi			T.	.44																		3.39			.11	T.		.15	1.01	1.02		6.12
rlberg	White		2.85	1.27		.63			1.00																		.51		1.36	.64			8.26
atesville	White		T.	1.65	.15			.19								.86							.06				.01	.03	T.	.29	.97		4.21
ee Branch	Arkansas		1.76	1.00			.05								.43	20						.27						.11	T.	1.25			5.07
entonville ***	Arkansas	1.14	1.14	1.17							.17			.57	.16	.19					1 06	.21					.13		T.	1.18			7.12
ig Lake Outlet	St. Francis			.37	.06			.10							.67		T.						.10				T.	T.		1.83	.68		3.81
lack Rock	White			1.10	.60			.18				T.			.50	.94	.04						.12	.02			.04	.02		.84	.87		5.27
lytheville	St Francis			.24	.09			.10			.01		.20		28		.01						.04				.28	.07		1.15	1.12		3.59
ooneville	Arkansas		4.46	.75			.16				.14				.06	.60						1.80						.66	T.	2.46			11.09
rinkley	White			.76				.08									.48						.08				.04			.80	.72		2.96
alico Rock	White		.43	1.73		.07	.03	.08								.28	.04					.07	.40					.18	T.	.15	.75		4.21
amden	Ouachita			.32												.45	.04													.45	1.86		3.12
arthage	Ouachita		.21	.21				T.				T.				.20						.52	.63							.95	.72		3.44
enter Point	Red	1.10	1.42								T.				T.							1.67								1.12			5.31
larendon	White			1.04	.07											.16	.01						.10							.86	.90		3.14
linton	White		1.90	1.59			.20								.43	.30						.20						.22	.08	1.15			6.07
onway	Arkansas		1.25	1.15											.05	.59						.06							.11	2.08			5.29
orning	White		T.	.14	.50		T.	.33				.30	.05	.02	2.00	.52	.10						T.					T.		.65	.45		5.06
otter	White		.95	1.63	.10		.16	.10			T	.12			.53	.13							.80					.32		1.20	.25		6.29
rossett	Ouachita			.20	.06										.23	T.							.03					T.	.27	.51	1.55		2.85
anville	Arkansas		2.25	1.68				.06				.05				.25						.96	.12					.18	.08	.84	.97		7.44
ardanelle	Arkansas		.75	3.04	.04			.08								.04	.01					.62	.15					.05	.03	.41	1.40		6.62
eer	White	.18	3.00	.10			.14				.32				.28	.22												.09		1.41			5.74
e Valls Bluff	White																																
umas	Mississippi			.02										T.		.15						1.00	.30			T.			.35	1.35			3.17
utton	White	4.88	18	1.07			1.27				.53				.44	.19						2.61						.05	.14	1.37			12.73
l Dorado	Ouachita			.28	.08											.37							.04							.83	1.77		3.37
ngland	Arkansas		.54	.32			T.								T.	.84						.31							.03	.86			2.90
ureka Springs	White	.35	3.75	1.04			.02				.15			.12	1.29	.40						1.18								1.06			9.36
ayetteville	White	.32	3.59	.82			.01				.54				.67	.28						1.31	T.				T.	.01	T.	1.61			9.16
ort Smith ***	Arkansas	2 42	1.94	.68			.02				.56	T.			.53	.05					.81	.11					T.	.11		3.26			10.49
reeman Sprgs.	Arkansas		1.49	3.56	.02		T.	.20				.09			.08	.05	.04					.80	.56				.17			.82	.48		8.36
ulton	Red			T.	T											T.							T.					T.		.25	1.36		1.61
eorgetown	White		T.	1.35	.12			T.								.99	.34						T.				.12			.94	.64		4.50
rannis	Red	T.	2.23	1.85							T.											1.93		.05					.16	1.68			7.90
ravette	Arkansas	.92	.80	.92							.35				1.63	.57						1.67					.30			1.25			8.41
arrison	White	.10	2.83	.63			.09				.34			.48	.10	.16						.97						.10	.03	1.04			6.86
elena	Mississippi			.04	.03																		.27	.01						1.63	.45		2.43
igden	White		1.72				.20								.40	.49						.19							.10	1.21			4.31
ighland	Ouachita		.80	1.50																		2.45							.20	1.25			6.20
ope	Red			.81			T.				T.				.04							.21					T.		.47	1.52			3.05
ot Springs	Ouachita		.90	1.25																		.76							.20	1.76			4.87
ndex	Red			1.50	T											.06														.45	1.34		3.35
essieville	Ouachita		1.00	1.25												.25														*	2.25		4.75
onesboro	White			.61	.16			.17						.31	.55	.30							.02							.93	.53		3.58
ead Hill	White	T.	2.10	.56			T.				.37		T.	T.	.17	.04						.55	T.					.23	T	1.00			5.02
ittle Rock ***	Arkansas		.92	.81			T.								.14	.05						.33							.06	1 69			4.00
utherville	Arkansas		2.48	1.08			.08				.08				T.	.13						1.00						.30		1.57			6.72
adison	St. Francis			.57	.03									T.		.10							T.							.70	.48		1.88
agnolia	Red			.83											T.	.13						T.							.11	.17	.20		1.44
alvern	Ouachita																																
ammoth Spg	White		T.	1.33	.11		T.	.30							.04	.75							.23							.75	.36		3.87
arianna	St. Francis		.12	.04																			.07				.20		.24	1.30			1.97
arked Tree	St. Francis			.98				.05									.33						.03				.60	.22		1.39	.71		4.31
arshall	White	.10	4.70	1.11			.15									.04						1.13	.14					.27		1.17	.06		8.87
ena	Ouachita		.85	2.43	.05							.63	T.			.38						1.62	.21	.01						.65	2.45		9 28
orrilton	Arkansas		.50	2.02				.08								.40						.30	.03						T.	.54	1.76		5.63
ountain Home	White	.05	1.79	.88			.15				.02				1.63	.03						.65						.40		1.32			6 90
ount Ida	Ouachita		.73	1.95							.05											1.54							.13	2.91			7.31
ewport	White			1.50	.27			.08							.01	.40	81						.54				.02			1.32	.84		5.79
orman	Ouachita		1.32	1.85				.08				T				01						.85	.66							.43	2.28		7.48
den	Ouachita	T.	1.34	1.62	.01			.04														1.61	.14							.48	1.72		6.96
kay	Red	.14	.45	1.23											T.							.28							.37	.78	.25		3.50
sceola	Mississippi				.35																									2.00	1.17		3.52
zark	Arkansas		3.64	1.73	.08		T.	.04				.16				.06						1.43	.17		T.			.63	T.	.98	.93		9.85
aragould	St. Francis			.80	.62			.20							.36		.44														1.66		4.08
arkin	St. Francis			.42											.15															.90	.45		1.92
atterson	White			1.06											.22													.57		2.47			4 32
iggott	St. Francis		.16	.40			.27				.14	.14			1.37							.05							.08	1.45			4.06
ine Bluff	Arkansas		.20	.48	.11											1.03							.19						T.	.72	.76		3.49
ocahontas	White		.24	.90			.12								.90	1.60						.16						.05		1.20			5.17
ortland	Ouachita				1.78												.52						.71							.62	3.58		7.21
rescott	Ouachita		.18	.52	.05			T				.04				.17						.02	.67							.43	.70		2.78
ison	Ouachita																																
ogers (near)	White	.52	2.51	.73			.03				.31		.42			.49						1.28								1.30			7.59
osebud	Arkansas	T.	1.10	.38			T.								.30														.10	2.40			4.28
t. Francis	St. Francis		T.	.22	.49			.18				T	.39		1.39	.18							.12							1.12	.38		4.47
earcy	White		.32	.45			.03									.45						.05				.12			.16	2.89			4.47
tory	Ouachita		1.08	1.56				.07														.63								.42	3.08		6.84
tuttgart	Arkansas			.40	.08												.05						.07							.99	.85		2.44
ubiaco	Arkansas		3.01	1.48			.16				.25				.57	.15						1.20						.35	.05	1.79			9 01
unset	Arkansas	1.39	6.07	1.23			.02				.56				1.12	.45						1.56	.02	T.				.07		1.64			14.13
exarkana	Red			1 58												.04														.68	1.05		3.35
hornburg	Arkansas		1.52	.75			.10								.18	.08						.45							.06	1.84			4.98
aldron	Arkansas	.23	2.10	1.03			.02				.24				.95	.36						3.81						.54	T.	1.86			11.14
arren	Ouachita			.14											.29							.90							.75	.80			2.88
aters	Ouachita		.90	1 90																		2.12								*	2.40		7.32
ilson	Mississippi			.40																			.45				.07	.55		1.80	.48		3.75
ynne	St. Francis			.56	T.										1.46	.30							.14				.11	T.		1.16	.67		4.40
ancopin	Arkansas	T.			T.											.08							1.08						T.	.63	1 63		3.42

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
otter	White	21	2.8	3.0	3.2	5.9	5.6	6.5	8.2	6.8	5.4	4.8	3.6	3.4	3.2	3.2	4.4	5.1	4.0	3.8	3.6	3.6	3.6	3.8	3.6	3.6	3 6	3.5	3.5	3.8	3.8	3.6	
alico Rock	do	18	-0.1	-0.2	0.6	5.4	5.5	5.4	5.9	4.2	3.3	2.9	1.7	0.6	0.2	0.4	1.6	2.9	2.1	1.5	0.8	1.1	1.1	1.2	1.1	0.9	1.2	0.4	1.3	1.2	1.2	1.1	
atesville	do	23	4.3	4.4	4.6	6.1	10.5	10.0	11.6	10.5	8.8	8.1	7.7	6.3	5.3	4.8	5.2	6.0	7.6	6.7	6.0	5.4	5.8	5.8	5.7	5.7	5.4	5.7	5.7	5.7	5.8	5.9	
ewport	do	26	0.7	0.8	0.9	0.9	2.7	5.4	5.3	6.6	5.5	4.2	3.5	2.9	1.9	1.2	1.2	2.0	3.1	4 3	4.0	3.5	3 0	2.9	2.6	2.4	2.1	2.1	2.0	1.6	2.0	2.0	
eorgetown	do	21	0.9	0.6	0.6	0.5	0.5	1.0	4.1	5.4	6.6	6.8	6.1	5.2	4.4	3.5	2.6	2.4	1.9	2.5	3.7	4.5	4.5	4.3	3.8	3 5	3.2	3.0	2.7	2.4	2.4	2.4	
larendon	do	26	8.3	7.9	7.7	7.5	7.3	7.2	7.4	8.8	10.5	11.7	12.4	12.6	12.3	11.8	11 1	10.3	9.6	9.0	9.0	9.8	10 5	10.8	10.9	10.7	10.4	10.2	9.9	9.7	9.6	9.5	
lack Rock	Black	14	1.6	1.5	1.7	1.6	1.5	1.5	1.9	1.7	1.6	1.6	1.5	1.5	1.4	2.0	3.6	6.2	5.5	5.6	5.6	4.6	4.0	3.5	3.3	3.0	2.8	2 8	2.6	2.5	2.4	2.6	
rkadelphia	Ouachita	12	-1.4	-1.4	-1.4	-0.2	-0.4	-0.8	-0.6	-0.8	-1.0	-1.2	-1.4	-1.0	1.2	1.6	1.8	0.4	1.4	-1.4	-1.4	1.6	0.6	0.2	-0.4	-1.0	-1.2	-0.6	-1.0	-1.0	-1.0	-0.4	
amden	Ouachita	26	3.7	3.6	3.6	3.6	3.6	3.9	4.1	4.1	4.3	4.5	4.5	4.2	4.1	4 1	5.0	5.4	5.5	4.5	4.1	4.0	3.9	4.5	5.5	4.8	4.3	4.0	4.0	4.1	4.2	4.2	
ulton	Red	25	3.5	3.5	3.5	3.6	3.7	7.1	11.9	11.2	10.4	10.0	9.4	9.4	8.9	8.2	7.6	7.1	6.9	9.8	10.1	9.9	11.1	10.7	9.7	9.0	8.7	8.4	7.9	7.5	7.2	6.7	
elena	Mississippi	41	7.5	7.1	6.7	6.5	6.2	5.4	4.6	4.1	3.8	3.2	2.8	2.8	2.8	2.8	3.0	3.8	4.5	4.9	4.9	5.5	6.7	7.9	8.6	8.8	8.7	8.3	7.6	6.6	5.6	5 0	
rkansas City	do	48	7 8	6.8	6.1	5.7	5.2	4.9	4.5	4.2	4.8	5.5	5.5	5.0	4.3	3.9	3.4	3 2	3.4	3.9	4.4	4.9	5.5	7.2	8.6	9.3	9.4	9.2	8.8	8.3	7.7	7.2	

Daily temperatures for September, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	94	89	71	80	85	76	78	82	87	86	91	91	93	86	73	77	81	90	93	92	76	75	85	89	89	87	78	78	74	73		83.3
	Minimum	68	68	66	51	53	56	54	52	52	58	68	68	66	67	66	51	46	48	53	64	66	56	56	64	65	66	60	61	54	56		59.6
Batesville §§	Maximum	90	75	74	78	84	68	77	80	82	85	91	93	92	90	80	71	75	84	90	91	82	69	79	90	89	87	69	74	65	72		80.9
	Minimum	59	73	63	47	50	55	48	46	50	58	64	65	65	67	67	48	45	47	48	58	59	55	56	58	60	64	54	50	55	53		56.2
Bee Branch	Maximum	92	89	76	90	84	82	77	81	81	87	92	95	94	93	81	73	77	85	93	92	90	66	83	88	87	87	86	73	73	70		83.9
	Minimum	70	68	64	66	52	58	52	51	56	53	65	67	69	67	63	50	45	51	58	60	65	53	55	65	63	66	53	56	62	55		59.3
Bentonville ***	Maximum	87	81	66	77	84	72	73	77	79	79	87	87	88	74	64	70	78	82	88	86	63	68	80	84	84	79	71	78	71	68		77.5
	Minimum	67	66	52	49	56	53	46	48	54	63	69	67	67	61	48	44	47	58	56	62	49	48	55	66	66	48	43	54	57	46		55.5
Blytheville	Maximum	90	78	80	75	83	74	70	76	83	89	89	91	88	90	82	70	75	83	89	93	87	73	80	90	89	86	80	79	72	69		81.8
	Minimum	69	66	65	51	52	55	57	51	51	61	68	66	68	66	65	52	44	46	61	66	67	59	60	58	67	67	56	53	58	56		59.4
Booneville	Maximum	93	88	80	83	88	83	78	83	84	84	93	93	94	87	74	74	80	91	96	92	86	70	77	88	88	90	69	78	75	73		83.7
	Minimum	74	68	61	50	54	63	51	51	57	67	68	67	68	69	62	48	46	57	59	60	55	54	58	68	64	66	55	58	61	52		59.7
Brinkley	Maximum	95	.	83	80	88	82	81	85	89	95	98	100	99	96	85	76	82	90	97	95	89	75	90	95	95	93	85	88	75	75		88.1
	Minimum	70	..	69	49	51	54	52	48	54	65	67	68	69	66	68	53	42	46	59	63	66	59	61	63	66	69	60	57	63	56		59.8
Calico Rock§§	Maximum	91	74	72	78	85	68	75	79	82	85	93	94	94	92	78	71	78	86	90	92	79	63	78	89	90	89	66	74	66	69		80.7
	Minimum	65	68	65	47	50	56	47	48	50	56	64	65	64	66	66	44	45	46	53	55	59	53	52	58	59	61	50	50	55	51		55.6
Camden§§	Maximum	95	95	77	83	89	89	84	83	91	96	96	96	96	91	80	79	83	91	95	90	91	79	93	92	91	93	78	85	82	75		87.9
	Minimum	65	70	66	51	52	56	52	43	48	55	64	56	58	69	68	57	41	46	50	61	62	61	61	61	61	63	67	67	67	56		58.5
Carthage §§	Maximum	94	89	75	80	87	81	79	83	89	91	97	96	95	92	80	74	74	94	91	90	85	80	84	89	89	85	72	74	74	68		84.4
	Minimum	64	69	66	47	50	53	52	47	50	60	64	67	66	68	67	54	41	45	53	61	65	59	60	62	62	63	63	61	61	53		58.4
Center Point	Maximum	97	94	81	90	94	81	87	87	90	94	95	95	94	83	80	85	87	95	95	94	79	82	89	92	93	91	79	82	80	80		88.2
	Minimum	66	65	61	48	74	59	50	52	59	66	66	67	65	70	64	43	49	53	64	59	61	56	63	65	64	68	60	61	60	48		60.2
Conway	Maximum	96	88	81	81	89	75	82	82	87	91	96	97	96	93	80	76	81	92	97	95	87	71	88	93	93	92	88	75	75	77		86.5
	Minimum	72	69	66	51	53	59	53	51	55	65	67	68	68	69	65	50	46	53	60	62	64	58	55	65	66	67	59	57	57	58		60.3
Corning	Maximum	90	81	80	77	86	76	75	78	83	88	91	88	87	88	79	72	77	81	87	91	85	72	77	90	90	87	77	69	72	71		81.5
	Minimum	71	69	67	50	51	56	54	48	50	58	68	64	63	64	64	47	43	47	56	59	64	55	56	58	64	64	52	49	64	53		57.6
Crossett§§	Maximum	93	92	82	82	87	86	82	87	92	94	96	97	95	92	82	85	84	91	94	92	90	91	92	94	92	93	90	89	85	72		89.1
	Minimum	69	68	67	53	53	55	57	51	55	67	70	70	69	69	69	47	51	49	57	64	69	68	65	67	65	69	71	69	62	60		62.5
Dardanelle	Maximum	95	89	80	81	87	83	80	80	84	82	93	94	94	91	80	77	80	90	95	93	89	66	81	88	90	89	71	74	74	75		84.2
	Minimum	74	68	64	48	55	61	52	51	57	64	67	68	69	68	64	47	46	54	59	61	59	57	56	66	65	66	55	57	61	53		59.7
Dumas	Maximum	94	93	82	81	90	85	81	85	92	97	100	100	100	100	85	79	83	94	99	96	95	80	90	90	91	95	80	90	76	74		89.2
	Minimum	67	72	66	51	51	54	52	49	52	66	67	69	70	68	73	58	44	47	62	64	70	63	65	68	68	70	64	65	62	55		61.7
Dutton	Maximum	93	94	72	71	80	71	73	76	76	76	85	85	86	72	68	72	74	83	85	85	69	74	70	69	83	81	69	70	70	69		76.7
	Minimum	59	60	53	39	43	53	38	39	46	56	62	59	59	58	51	38	38	48	46	51	54	46	52	58	58	60	45	49	52	45		50.5
El Dorado	Maximum	95	94	86	83	89	86	82	87	92	93	97	97	97	93	80	78	86	92	95	94	90	85	94	95	92	94	86	87	84	76		89.3
	Minimum	72	76	67	55	57	61	56	54	59	70	71	71	71	71	70	60	51	55	65	65	74	65	67	67	66	69	70	70	63	60		64.9
England	Maximum	94	86	80	78	87	80	78	85	90	93	91	97	98	94	80	73	80	90	..	98	86	71	89	93	92	92	82	81	75	75		85.8
	Minimum	69	69	62	50	53	58	54	52	52	65	68	69	67	69	66	52	45	49	..	64	64	60	61	64	65	68	62	58	61	53		60.3
Eureka Springs	Maximum	85	78	77	76	83	73	74	77	81	80	87	88	87	73	67	71	78	84	87	87	76	66	79	85	84	81	71	78	72	69		78.5
	Minimum	65	65	56	49	58	59	49	49	53	62	69	69	67	62	54	43	47	60	58	69	50	48	53	66	63	54	42	52	61	47		56.6
Fayetteville	Maximum	86	80	79	76	82	77	73	77	79	79	85	85	87	84	69	69	75	82	87	85	81	74	77	83	82	79	70	76	74	68		78.7
	Minimum	66	66	56	47	56	60	47	48	53	63	69	69	71	61	54	44	48	57	56	68	51	49	57	68	66	56	46	55	61	49		57.2
Fort Smith***	Maximum	90	86	75	81	88	73	76	80	82	80	92	92	93	76	69	71	80	86	92	92	67	68	77	88	87	85	68	77	72	75		80 6
	Minimum	68	68	60	55	59	62	56	56	60	65	70	72	72	68	58	51	52	60	62	66	55	54	59	68	67	55	54	58	62	56		60.9
Gravette	Maximum	87	83	75	78	84	77	74	79	80	80	89	89	90	83	70	71	78	82	88	87	79	69	81	85	84	79	72	77	73	68		79.7
	Minimum	65	66	55	45	54	59	49	50	54	62	68	69	67	60	52	42	47	58	55	65	49	47	57	65	65	48	42	53	59	45		55.7
Harrison	Maximum	90	79	74	79	84	70	74	76	80	82	90	90	90	83	72	78	79	82	87	87	79	62	79	84	84	84	66	78	72	66		79.3
	Minimum	68	67	58	47	52	61	50	47	50	62	67	66	63	64	54	45	47	44	58	58	54	50	54	63	60	64	46	50	60	49		55 9
Helena	Maximum	88	82	80	77	84	85	76	80	86	89	95	95	95	92	84	74	79	86	95	92	86	73	83	92	91	90	82	87	74	71		84.8
	Minimum	69	69	69	49	49	55	50	49	59	69	70	71	69	68	68	56	46	49	63	66	68	62	66	67	69	69	64	62	62	58		62.0
Highland	Maximum	93	96	88	86	89	83	83	87	88	93	94	94	97	87	81	87	89	96	99	89	86	86	96	95	95	95	84	86	79	86		89.6
	Minimum	75	76	65	53	55	60	53	54	59	67	68	65	67	71	64	49	51	56	64	64	63	55	62	65	65	63	63	63	59	53		61.6
Hope	Maximum	99	98	87	85	92	82	81	82	93	94	96	97	98	88	80	80	89	96	98	96	86	79	94	97	95	95	80	87	81	79		89.5
	Minimum	71	71	59	51	55	54	52	50	52	60	69	70	68	73	65	55	45	52	65	65	64	57	66	65	64	69	62	65	60	52		60.9
Hot Springs	Maximum	94	92	88	83	91	84	81	84	91	91	95	95	97	94	79	82	87	95	97	98	94	79	93	93	93	92	84	76	73	78		88.4
	Minimum	74	68	64	51	56	62	54	52	56	68	69	71	68	72	64	51	47	55	67	70	60	56	59	65	65	69	60	61	59	54		61.6
Jonesboro	Maximum	89	82	75	75	83	75	72	75	83	88	91	91	85	89	78	69	74	82	88	91	83	72	79	88	87	86	80	78	72	69		81.0
	Minimum	66	68	63	50	53	58	52	50	53	60	69	65	67	63	63	50	45	47	57	65	65	55	57	60	63	64	54	53	61	54		58.3
Lead Hill	Maximum	94	78	74	79	86	74	73	81	83	86	95	96	95	87	72	74	80	88	90	95	77	62	81	89	88	88	69	81	75	70		82.0
	Minimum	67	68	59	46	50	61	46	45	49	60	65	65	63	65	56	44	41	52	53	56	55	51	54	60	58	61	45	49	63	49		55.2
Little Rock.* **	Maximum	90	84	79	76	84	77	75	78	83	88	92	92	93	89	75	71	74	87	95	92	81	66	83	88	87	88	75	79	74	72		82 2
	Minimum	74	69	57	53	57	61	56	56	58	68	70	71	70	70	59	53	52	57	65	66	60	58	58	67	69	68	60	59	61	58		62.0
Lutherville	Maximum	92	87	75	80	86	75	78	80	81	83	91	93	92	83	73	76	80	88	92	93	84	67	74	88	87	87	82	74	72	72		82.2
	Minimum	74	68	62	48	54	60	52	51	58	66	66	68	68	67	59	47	48	55	58	63	57	59	54	65	65	65	53	56	60	53		59.3
Magnolia	Maximum	97	95	94	83	90	85	82	85	92	96	97	95	97	95	83	80	87	94	97	95	91	87	94	95	96	95	91	89	87	76		90.7
	Minimum	72	76	66	52	55	59	54	50	57	66	69	68	69	71	68	57	49	52	64	59	72	62	66	65	65	69	67	69	62	57		62.9
Mammoth Spring	Maximum	87	84	77	72	80	77	73	74	76	80	84	86	90	86	77	68	72	77	83	88	82	69	71	83	85	85	78	72	70	67		78.4
	Minimum	67	68	64	50	51	56	53	48	53	56	63	65	64	65	58	46	44	47	50	58	54	52	57	64	62	63	56	58	61	51		56.8
Marianna	Maximum	87	86	79	76	81	82	75	77	84	88	92	93	93	91	89	80	77	85	93	92	87	75	90	90	88	89	86	82	76	71		84.5
	Minimum	71	71	70	54	53	57	55	52	55	65	71	72	71	67	71	57	45	46	65	68	70	61	63	63	65	69	61	58	65	64		62.5
Marked Tree§§	Maximum	88	75	79	72	84	76	73	79	85	90	89	93	84	91	83	72	78	85	91	91	85	70	84	92	90	88	75	80	68	71		82.0
	Minimum	61	68	66	52	51	55	54	50	52	54	65	70	69	65	68	51	43	45	47	61	65	60	59	59	61	65	57	56	56	56		58.0
Marshall	Maximum	90	76	76	77	83	77	73	76	80	83	91	91	91	84	74	71	79	87	92	91	91	70	80	86	88	86	82	77	71	68		81.4
	Minimum	70	64	57	44	48	59	44	44	54	62	65	63	62	67	55	39	39	52	51	58	56	48	53	63	66	64	47	50	54	49		54.9
Mena	Maximum	96	91	83	82	88	76	75	81	83	85	87	90	91	80	73	74	81	89	92	89	80	78	84	86	86	87	87	75	72	71		83.1
	Minimum	73	67	60	49	53	59	52	49	55	68	68	70	67	70	58	48	45	56	60	66	56	51	61	67	66	68	55	55	59	53		59.5
Morrilton §§	Maximum	75	79	69	77	84	72	76	78	79	82	89	90	90	85	72	72	75	87	90	89	76	64	82	86	86	85	72	72	62	71		78.9
	Minimum	65	68	66	53	56	60	56	53	56	60	68	68	68	67	68	52	48	52	53	62	66	57	54	59	64	67	56	55	60	56		59.8
Mountain Home	Maximum	92	76	74	79	86	70	74	79	82	93	91	93	93	89	73	71	78	83	89	92	78	61	77	88	90	87	68	78	72	74		81.0
	Minimum	69	66	55	48	51	59	50	47	52	62	65	65	63	63	53	44	44	51	55	59	54	50	55	61	63	63	47	51	60	60		56.2
Mount Ida	Maximum	91	89	81	87	86	76	79	81	84	86	91	91	92	84	75	76	82	92	95	92	83	76	84	88	89	88	77	74	75	72		83.9
	Minimum	68	67	59	45	47	54	45	43	48	61	65	62	61	65	54	41	37	46	53	53	53	54	60	61	61	66	58	56	58	50		55.0
Newport	Maximum	92	85	76	78	85	76	75	80	84	90	93	94	95	91	80	70	76	85	89	92	85	70	79	90	91	89	82	73	75	71		83.0
	Minimum	70	70	66	51	53	58	55	51	53	61	70	69	71	67	68	61	46	49	58	64	66	56	60	62	64	67	57	54	65	56		60.6
Okay	Maximum	96	95	94	85	90	85	83	84	87	92	94	94	95	94	81	81	86	95	97	94	88	80	93	93	94	93	85	79	84	78		89.0
	Minimum	73	68	65	46	54	57	49	47	55	67	65	65	63	63	64	44	42	50	58	58	62	56	64	65	61	66	62	64	59	50		58.7
Ozark§§	Maximum	90	79	68	80	85	75	79	80	81	81	90	89	95	76	66	72	78	86	90	90	68	67	74	86	86	87	68	75	65	75		79.4
	Minimum	72	69	66	50	50	55	53	52	54	65	67	69	69	69	66	47	48	48	60	60	60	55	55	60	66	65	55	55	60	55		59.1
Pine Bluff	Maximum	96	90	83	80	88	82	79	87	89	93	96	98	100	96	81	74	79	93	97	96	89	75	89	91	92	94	82	82	75	74		87.3
	Minimum	72	71	65	53	57	63	56	55	57	69	71	73	71	72	69	56	49	53	69	68	71	62	63	68	68	69	63	64	62	58		63 9
Pocahontas	Maximum	90	85	74	77	83	91	76	79	83	87	90	92	90	88	86	72	76	81	87	90	83	74	78	90	88	86	83	70	73	71		82.1
	Minimum	67	68	63	50	50	56	53	47	51	68	67	64	64	63	63	48	45	47	56	60	64	52	56	61	61	63	51	49	61	53		57.4
Portland	Maximum	95	92	86	78	83	86	79	80	87	92	93	94	94	93	86	74	79	86	93	90	89	82	87	92	90	92	82	89	83	72		86.6
	Minimum	65	69	68	52	52	54	54	50	52	65	66	68	67	65	68	59	47	47	59	59	62	66	65	64	64	67	66	66	64	59		61.0
Prescott	Maximum	97	95	95	92	89	87	80	84	90	93	96	95	98	94	82	78	85	95	98	95	92	80	93	92	93	94	90	81	81	77		89.7
	Minimum	72	61	58	51	54	58	55	52	55	68	68	68	69	73	68	52	47	52	63	63	66	57	63	65	64	68	61	65	60	54		61.0
Searcy	Maximum	93	85	79	79	84	75	76	80	85	89	93	96	95	94	82	72	76	86	91	93	86	70	82	91	92	88	84	76	76	71		84.0
	Minimum	68	68	66	50	51	55	51	52	53	60	65	66	68	65	63	50	45	49	57	58	66	55	59	62	62	63	57	56	61	55		58.5
Stuttgart	Maximum	93	88	76	77	79	82	78	81	89	91	94	94	97	94	86	74	80	90	95	94	88	72	88	93	94	91	85	84	74	73		85.8
	Minimum	68	70	68	52	52	56	53	53	55	65	66	69	68	67	70	53	45	49	61	62	68	59	62	64	66	67	61	58	63	56		60.9
Subiaco	Maximum	94	86	80	82	88	76	79	83	84	81	92	94	94	84	70	75	80	87	93	92	83	68	77	88	88	88	69	78	77	74		82.8
	Minimum	76	68	63	52	54	61	54	52	56	65	68	68	70	69	59	50	48	55	60	60	57	55	56	65	65	67	50	55	60	55		59.8
Texarkana	Maximum	97	98	85	85	90	84	83	85	90	93	93	95	95	88	82	81	87	94	97	93	88	85	96	94	95	94	85	85	84	80		89.4
	Minimum	66	72	64	50	56	61	52	51	60	69	68	67	67	70	65	49	47	59	62	63	63	56	65	65	66	68	62	65	58	52		61.3
Thornburg	Maximum	94	85	80	78	84	75	78	79	86	87	91	98	92	88	73	75	81	90	95	92	81	66	84	89	88	88	79	82	75	73		83.5
	Minimum	72	66	55	44	47	56	45	42	47	61	66	64	62	63	61	45	37	48	53	57	58	55	51	69	62	64	..	..	..	42		55.3
Warren	Maximum	93	82	86	86	88	84	82	..	92	94	98	100	98	96	85	76	82	93	98	94	92	75	91	92	91	88	87	88	79	75		88.8
	Minimum	70	74	67	54	55	59	55	..	55	70	72	71	70	68	69	58	49	54	66	65	70	63	65	67	67	65	66	68	64	59		64.0
Wilson	Maximum	90	89	80	76	84	83	72	79	86	89	93	93	88	93	82	82	76	85	91	92	91	89	83	92	90	89	86	80	73	80		85.0
	Minimum	69	65	66	50	50	55	57	49	52	65	65	67	66	68	65	66	52	45	60	66	67	60	63	52	65	67	66	56	62	55		59.2
Wynne	Maximum	92	81	78	75	84	80	72	79	86	89	95	96	94	92	85	70	75	85	91	94	83	70	82	93	90	91	81	83	75	69		83.6
	Minimum	69	70	66	49	50	55	49	47	55	65	67	69	70	66	66	52	46	49	61	64	64	57	59	63	70	67	57	54	63	55		59.8

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 10-29-34-100

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XXXIX Little Rock, Ark., October, 1934 No. 10

GENERAL SUMMARY

October was a warm, dry month, the warmest since 1931 and the driest since 1924. Temperatures were above normal from the 10th to the 27th, inclusive, with the warmest weather occurring generally from the 19th to the 23d. Departures were as high as 16° above normal in central and western sections on the 23d. The average temperature for the State, based on the reports of 59 stations, was 66.3° which is 3.7° above the mean for the past 44 years. All stations with records of 10 years or more had positive departures. Monthly means ranged from 60.2° at Dutton to 72.2° at Magnolia. The highest temperature recorded was 96° at Okay on the 23d; the lowest, 25° at Dutton on the 28th. The greatest daily range was 52° at Calico Rock on the 31st.

Scattered showers occurred in the eastern portion of the State about the 10th and in the northern portion from the 17th to the 20th, and moderate to heavy showers in many sections on the 24th or 25th, a number of stations reporting an inch or more. The average precipitation for the State for the 88 stations reporting was 0.79 inch which is 2.30 inches below the mean for the past 44 years. All stations had negative departures. Camden, Hope, and Highland had no rain during the month and Fulton and Magnolia only a trace, while the greatest monthly amount reported was 2.05 inches at Marianna. Only 25 of the 88 stations had monthly totals of more than 1.00 inch, while a number had less than 0.25 inch. The greatest amount measured in any 24-hour period was 2.00 inches at Marianna on the 25th. The average number of rainy days was 2.

The weather during October was very favorable for harvesting all crops. Cotton picking which was farther advanced than usual progressed rapidly and only a small amount remained in the fields in the lowlands at the end of the month. The rains the latter part of September caused green bolls to mature and yields were better than were expected earlier in the fall. Soil moisture was sufficient in most sections to mature late corn. The weather was very favorable for meadows, pastures, and truck crops the first of the month and a large amount of hay was made, but the soil became too dry in many sections before the close of the month for good growth, especially in the southern portion of the State and where rainfall was lightest. Killing frost occurred in northern counties either the 28th or 29th, damaging late truck crops. Streams continued at low stages during the month.

T.A.M.

Miscellaneous Data

Damage by Lightning: Conway, 24th, barn destroyed, loss $750.
Moderate Hail: Brinkley and Dutton, 31st, no damage reported.

Correction: September, 1934
Prevailing wind direction at Rogers should be s.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	1	1	.	.	1	4	.	1	.	1	2	3	1	.	1	1	.	.	.	.	.	1	.	.	2	2	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	1	1	.	2
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
Heavy Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	.	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.	6	2	.	2	.	1	.	24	6	.	.	.	.	5	18

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Stations	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 06	30.44	28	29.68	24	4.9	21	sw	24	....	...	....	82
Fort Smith	30.05	30.46	28	29.77	31	6.7	22	ne	31	80	46	54	66
Little Rock	30.07	30.48		29.75	24	6.7	25	sw	31	80	48	51	84
Memphis	30.08	30.47	28	29.75	31	6.2	21	sw	31	77	50	55	75

COMPARATIVE DATA FOR OCTOBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	− 2.2	92	27	0.65	−2.44	2.54	0.00	0.0	2	25	4	2
1892	63.8	+ 1.2	92	27	3.26	+0.17	9.07	0.27	0.0	6	16	7	8
1893	60.5	− 2.1	99	23	1.30	−1.79	3 43	0.25	0.0	3	24	4	3
1894	63.0	+ 0.4	96	24	1.52	−1.57	3.79	0.10	0.0	3	22	5	4
1895	57.1	− 5.5	95	21	1.44	−1.66	2.91	0.37	0.0	4	19	6	6
1896	60.8	− 1.8	98	25	3.59	+0.50	7.01	1.50	0.0	6	18	5	8
1897	67.6	+ 5.0	99	28	2.01	−1.08	5.36	0.29	0.0	3	21	6	4
1898	60.0	− 2.6	100	23	5.44	+2.35	11.18	2.82	T.	8	16	7	8
1899	65.6	+ 3.0	101	28	2.88	−0.21	6.52	0.76	0.0	5	19	7	5
1900	66.0	+ 3.4	97	32	4.31	+1.22	8.43	1.19	0.0	6	14	10	7
1901	63.7	+ 1.1	95	27	2.07	−1.02	5.03	0.53	0.0	4	18	9	4
1902	62.5	− 0.1	90	27	2.68	−0.41	7.10	0.88	0.0	4	18	9	4
1903	60.9	− 1.7	97	26	2.22	−0.87	4.87	0.24	0.0	4	17	8	6
1904	62.5	− 0.1	100	20	0.94	−2.15	3.32	T.	0.0	2	23	5	3
1905	61.1	− 1.5	92	23	4.49	+1.40	8.31	1.57	0.0	7	15	11	5
1906	58.2	− 4.4	94	25	2.38	−0.71	4.08	0.28	0.0	6	18	5	8
1907	61.9	− 0.7	96	23	3.03	−0.06	10.85	1.26	0.0	6	16	7	8
1908	59.2	− 3.4	93	24	0.48	−2.61	2.12	0.00	0.0	2	21	6	4
1909	63.0	+ 0.4	98	24	2.15	−0.94	4.84	0.00	0.0	3	21	6	4
1910	62.9	+ 0.3	96	16	5.19	+2.10	16.01	1.27	T.	6	21	5	5
1911	62.7	+ 0.1	101	25	1.67	−1.42	4.18	0.41	T.	5	14	9	8
1912	63.8	+ 1.2	96	22	2.97	−0.12	6.55	0.51	0.0	4	18	8	5
1913	60.1	− 2.5	95	18	5.41	+2.32	9.31	2.28	0.6	9	13	9	9
1914	63.0	+ 0.4	93	21	1.74	−1.35	5.35	0.00	0 0	5	13	8	10
1915	63.4	+ 0.8	94	26	2.83	−0.26	6.79	0.10	0.0	4	22	4	5
1916	62.8	+ 0.2	96	21	2.30	−0.79	5.06	0.57	0.0	4	21	4	6
1917	56.6	− 6.0	99	12	1.89	−1.20	4 12	0.20	T.	5	21	5	5
1918	65.6	+ 3.0	100	30	3.99	+0.90	8.58	1.10	0.0	8	13	5	13
1919	66.6	+ 4.0	98	33	10.90	+7.81	18.28	6.31	0.0	14	6	5	20
1920	64.2	+ 1.6	93	25	4.39	+1.30	8.18	1.66	0.0	7	16	6	9
1921	61.6	− 1.0	96	27	0.72	−2.37	1.47	T	0.0	3	23	4	4
1922	63.1	+ 0.5	98	20	1.47	−1.62	4.35	0.15	0.0	4	18	6	7
1923	59.2	− 3.4	94	20	3.53	+0 44	7.34	0.90	0.0	7	12	9	10
1924	64.9	+ 2.3	96	21	0.29	−2.80	2.13	0.00	0.0	1	24	4	3
1925	58.7	− 3.9	98	13	7.73	+4.64	13.89	3.57	0.1	10	12	5	14
1926	64.9	+ 2.3	99	23	5.77	+2.68	12.08	2.49	0.0	8	15	5	11
1927	66.0	+ 3.4	100	30	3.13	+0.04	8.25	0.82	0.0	5	22	4	5
1928	66.3	+ 3.7	100	27	4.74	+1.65	11.58	1.33	0.0	8	16	7	8
1929	62.2	− 0.4	93	19	4.29	+1.20	9.33	1.11	0.0	7	15	7	9
1930	60.1	− 2.5	92	17	4.89	+1.80	8.45	1.49	0.0	6	17	5	9
1931	67.1	+ 4.5	98	26	2.35	−0 74	10.22	0.65	0.0	4	17	7	7
1932	60 8	− 1.8	94	26	3.41	+0.32	6.12	0.91	0.0	6	19	4	8
1933	62.6	0.0	90	30	2.83	−0.26	7.73	0.58	0.0	5	19	7	5
1934	66.3	+ 3.7	96	25	0.79	−2.30	2.05	0.00	0.0	2	21	7	3
Per od	62.6	.. ...	101	12	3.09	......	18.28	0.00	T.	5	18	6	7

Daily River Stages for October, 1934

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or Van Buren	Arkansas	22	12.3	14.3	14.5	12.4	9.7	8.6	7.8	6.9	6.4	5.8	5.6	5.3	5.0	4.0	3.7	3.6	3.5	3.4	3.4	3.3	6.8	11.1	10.8	10.3	9.0	7.9	7.1	6.4	6.0	5.8	5.6
Ozark	do	22	6.4	8.3	10.4	9.4	6.9	4.7	3.7	2.9	2.4	1.8	1.4	1.2	1.0	0.7	0.5	0.3	0.2	0.1	0.1	0.0	−0.1	3.6	6.2	6.2	5.2	3.9	3.1	2.4	1.8	1.4	1.2
Dardanelle	do	22	7.8	9.7	11.7	12.5	10.9	8.7	7 1	6.3	5.3	4.9	4.9	4.7	4.4	4.2	4.0	3.9	3.7	3.6	3.4	3.4	3.4	3.3	6.8	8.5	8.4	7.4	6.4	5.7	5.7	4 9	4.7
Morrilton	do	20	2.9	5.9	8.1	10.0	9.1	7.1	5.0	3.6	2.7	2.0	1.4	1.0	0.7	0.4	0.1	−0.1	−0 3	−0.4	−0.6	−0.6	−0.8	−0.9	−0.9	4.7	5.6	5.0	3.8	2.7	2 0	1.4	1.0
Little Rock	do	23	1.9	2.8	5.5	8.1	9.4	8.0	6.0	4.2	2.9	2.0	1.3	0.7	0.3	−0.1	−0.4	−0.6	−0.9	−1.1	−1.2	−1.4	−1.5	−1.6	−1.7	−1.5	3.9	4.6	4.1	2.0	1.9	1.3	0.7
Pine Bluff	do	25	6.9	6.3	7 2	10.0	12.6	13.2	11.7	9.9	8.3	7 1	6.3	5.6	5.1	4.8	4.1	3.9	3.8	3.6	3.4	3.3	3.2	3.0	2.9	2.8	3.1	7.8	8.6	8.0	6 9	6.0	5.4
Danville	Petit Jean	20	16.6	17.4	7.9	4.4	3.9	3.5	3.2	3.0	2.8	2.7	2.3	2.2	2.1	2.1	2.1	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1 7	2.2	2.4	2.6	2.6	2.4	2.3

Climatological Data for October, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Amity	Clark	700	39	67.4°	+ 4.2	90^{f}	22	39	29	41^{f}	0.28	−2.98	0.20	0.0	2	18	13	0	e.	J. W. Campbell
Arkadelphia	Clark	250	39	......	......	......	......	......	......	......	0.50	−2.62	0.27	0.0	2	20	4	7	nw.	W. K. Bown
Arkansas City	Desha	145	50	......	......	......	......	......	......	......	0.53	−1.84	0.28	0.0	2	24	2	5	......	Herbert Neff
Arlberg	Stone	700	12	......	......	......	......	......	......	......	1.79	−2.77	1.40	0.0	2	..	..	..	......	J. D. Reeves
Batesville	Independence	277	35	62.6	+ 2.0	89	21	29	28	50	0.51	−2.75	0.51	0.0	1	22	5	4	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	65.9	+ 3.6	88	21†	35	29	41	0.54	−2.81	0.54	0.0	1	20	7	4	s.	J. E. Scanlan
Bentonville	Benton	1303	29	62.8	+ 3.9	82	19	32	28	35	1.34	−2.16	0.93	0.0	4	16	10	5	se.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	4	......	......	......	......	......	......	......	0.80	......	0.80	0.0	1	22	3	6	......	C. J. Brooks
Black Rock	Lawrence	259	33	......	......	......	......	......	......	......	0.64	−2.70	0.54	0.0	3	23	2	6	n.	Vernon C. Howe
Blytheville	Mississippi	252	9	64.5	......	89	21	33	28	41	0.86	......	0.66	0.0	3	27	2	2	s.	Samuel Norris
Booneville	Logan	465	20	66.5	+ 3.1	88	22	36	29	41	0.82	−2.65	0.72	0.0	2	21	9	1	e.	F. H. Randolph
Brinkley	Monroe	205	47	67.6	+ 5.2	92	22	35	28	47	1.82	−1.28	1.17	0.0	3	25	3	3	ne.	R. J Torry
Calico Rock	Izard	361	30	62.2	+ 1.8	89	23	28	28	52	0.55	−2.62	0.38	0.0	3	22	4	5	sw.	E. R. Wiseman
Camden	Ouachita	158	49	67.6	+ 3.9	90	21	36	29	46	0.00	−2.90	0.00	0.0	0	14	12	5	w.	J M. Knight
Carthage	Dallas	297	29	62.3	......	91	22	34	29†	46	0.08	−3.06	0.08	0.0	1	19	12	0	n.	P. K. Wylie
Center Point	Howard	470	35	70.0	+ 4.7	94	11†	37	29	47	0.14	−3.12	0.14	0.0	1	26	5	0	e.	John C. Floyd
Clarendon	Monroe	172	30	......	......	......	......	......	......	......	1.30	−2.07	1.14	0.0	3	16	3	12	n.	J. W. Bishop
Clinton	Van Buren	516	13	......	......	......	......	......	......	......	1.15	−3.33	0.90	0.0	3	21	7	3	n.	A L. Stephens
Conway	Faulkner	309	51	68.4	+ 5.2	92	21†	36	28	45	1.09	−1.78	1.09	0.0	1	26	5	0	e.	E. E Cordrey
Corning	Clay	293	41	63.6	+ 3.9	89	23	30	28	44	0.71	−2.65	0.45	0.0	4	18	5	8	s.	Winfred D. Polk
Cotter	Baxter	408	7	......	......	......	......	......	......	......	0.73	......	0.55	0.0	3	22	6	3	......	O. B. McSpadden
Crosset	Ashley	175	22	69.8	+ 4.6	90	22†	40	28	48	1.75	−2.49	1.75	0.0	1	19	6	6	ne.	G. A. Gifford
Danville	Yell	327	18	......	......	......	......	......	......	......	0.98	−3.45	0.98	0.0	1	18	12	1	......	J. M. Patterson
Dardanelle	Yell	330	48	67.0	+ 3.8	89	22†	37	29	43	1.79	−1.22	1.79	0.0	1	11	17	3	w.	Geo. N. Goodier
Deer	Newton	2200	1	64.4^{b}	......	81	19†	33^{c}	29	30^{c}	0.15	......	0.10	0.0	2	25	0	6	s.	Mrs. J. M. Essex
De Valls Bluff	Prairie	153	7	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	Mrs. Frank O'Rourke
Dumas	Desha	162	29	68.8	+ 4.0	93	23	38	28†	41	0.40	−3.03	0.30	0.0	2	6	24	1	n.	Ben Johnson
Dutton	Madison	1590	31	60.2	+ 3.8	88	31	25	28	49	0.55	−3.26	0.21	0.0	5	25	5	1	s.	J. M. Ricketts
El Dorado	Union	270	34	71.8	+ 6.4	93	21	45	29	39	0.12	−3.12	0.12	0.0	1	13	16	2	ne.	J. J. Babb
England	Lonoke	229	27	68.7	+ 4.9	94	22	36	28	44	1.56	−1.71	1.52	0.0	2	22	6	3	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	65.4	+ 4.9	85	22	33	28	34	1.67	−1.83	1.33	0.0	4	20	9	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	63.9	+ 3.1	83	12	33	28	35	1.03	−2.33	0.46	0.0	5	18	10	3	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	67.0	+ 4.2	87	19	40	29	34	0.67	−2.32	0.28	0.0	5	17	11	3	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	10	......	......	......	......	......	......	......	0.28	......	0.28	0.0	1	24	6	1	sw.	R. J. McCuiston
Fulton	Hempstead	260	49	......	......	......	......	......	......	......	T.	−2.60	T.	0.0	0	20	6	5	......	T. J. Logan
Georgetown	White	200	22	......	......	......	......	......	......	......	0.62	−3.12	0.62	0.0	1	21	3	7	......	Mrs. W. R. Owens
Grannis	Polk	900	15	66.2	+ 4.0	90	22	35	29	42	0.40	−4.82	0.40	0.0	1	26	4	1	se.	W. E. McVay
Gravette	Benton	1250	37	63.4	+ 3.9	84	23	31	28	37	1.32	−2.19	0.62	0.0	3	25	4	2	s.	Max W. Schmidt
Harrison	Boone	1052	34	67.0	+ 7.8	83	31	30	28	39	0.69	−2.47	0.41	0.0	3	26	4	1	sw	Louis R. Keck
Helena	Phillips	250	62	68.0	+ 4.7	91	22	35	28	37	1.14	−1.62	0.70	0.0	4	13	13	5	n.	James A. Burnett
Higden	Cleburne	445	15	......	......	......	......	......	......	......	0.95	−3.59	0.80	0.0	2	23	3	5	ne.	Trumon Brown
Highland	Pike	600	15	*7.17*	......	......	......	41	28	..	0.00	−4.10	0.00	0.0	0	10	21	0	s.	J. O. Cooley
Hope	Hempstead	377	64	71.0	+ 5.2	93	19†	39	29	43	0.00	−3.38	0.00	0.0	0	29	2	0	ne.	N. P. O'Neal
Hot Springs	Garland	600	43	70.8	+ 6.8	94	21	40	28	40	1.42	−1.86	0.97	0.0	2	22	9	0	s.	National Park Service
Index	Little River	275	9	......	......	......	......	......	......	......	0.49	......	0.35	0.0	2	24	4	3	......	H. C. Sanderson
Jessieville	Garland	750	8	......	......	......	......	......	......	......	0.25	......	0.25	0.0	1	14	9	8	sw.	U. S. Forest Service
Jonesboro	Craighead	345	39	64.5	+ 2.1	88	23	34	28	38	0.59	−2.79	0.59	0.0	1	23	6	2	ne.	Benedictine Sisters
Lead Hill	Boone	650	28	63.7	+ 3.1	90	23	27	28	48	0.67	−2.74	0.30	0.0	4	24	6	1	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	68.2	+ 4.6	88	22	43	29	33	0.52	−2.19	0.28	0.0	3	20	4	7	e	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	35	66.6	+ 4.6	89	10	38	28†	36	0.38	−3.58	0.38	0.0	1	22	5	4	sw.	H. G. Lenhardt
Madison	St. Francis	209	4	......	......	......	......	......	......	......	1.12	......	0.85	0.0	2	16	0	15	......	J. W. Eppes
Magnolia	Columbia	315	18	72.2	+ 6.0	93	21	43	30	44	T.	−3.55	T.	0.0	0	9	20	2	ne.	State Agri. School
Malvern	Hot Springs	277	48	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	
Mammoth Spring	Fulton	600	30	61.8	+ 2.9	85	24	31	28	40	1.69	−1.64	0.79	0.0	3	19	11	1	sw.	S. F. Whittaker
Marianna	Lee	235	23	66.2	+ 2.9	86	21†	36	28†	37	2.05	−1.52	2.00	0.0	2	20	9	2	s.	C. N. Houck
Marked Tree	Poinsett	229	30	64.2	+ 3.2	89	22	33	29	46	0.93	−3.35	0.80	0.0	3	21	10	0	n.	Charles Walton
Marshall	Searcy	1070	20	62.6	+ 0.8	87	19†	27	28	48	0.87	−3.42	0.78	0.0	2	19	10	2	s.	A. J. Parks
Mena	Polk	1207	46	66.2	+ 3.4	86	22	39	29	35	0.44	−3.23	0.22	0.0	3	19	9	3	sw	E. W. St. John
Morrilton	Conway	347	15	64.6	+ 1.4	85	21†	39	29	37	0.75	−3.39	0.75	0.0	1	20	8	3	e.	Miss Ruby Cook
Mountain Home	Baxter	800	22	63.8	+ 3.6	89	23	31	28	43	0.54	−3.83	0.40	0.0	3	23	7	1	sw.	B. S. Halbert
Mount Ida	Montgomery	650	35	64.4	+ 3.0	88	12†	31	28†	48	0.80	−3.04	0.47	0.0	3	20	10	1	w.	G. A. Whittington
Newport	Jackson	231	51	65.8	+ 3.9	90	21†	33	29	43	1.10	−1.78	1.04	0.0	2	17	8	6	s.	J. D. Henderson
Norman	Montgomery	750	6	......	......	......	......	......	......	......	0.75	......	0.55	0.0	2	26	4	1	......	U. S. Forest Service
Oden	Montgomery	800	8	......	......	......	......	......	......	......	0.58	......	0.54	0.0	2	17	9	5	sw.	U. S. Forest Service
Okay	Howard	288	5	68.5	....	96	23	40	28	48	0.40	......	0.40	0.0	1	28	2	1	ne.	Charles R. Jackson
Osceola	Mississippi	240	38	66.6	+ 4.6	92	24	34	28	41	1.34	−1.46	1.34	0.0	1	23	5	3	s.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	64.6	+ 1.2	87	11†	36	28†	40	0.08	−3.14	0.05	0.0	2	25	1	5	se.	Orkney O. Milton
Paragould	Greene	301	11	......	......	......	......	......	......	......	0.58	......	0.58	0.0	1	25	5	1	s	W. R. Heagler
Parkin	Cross	222	4	......	......	......	......	......	......	......	1.33	......	0.73	0.0	2	21	1	9	......	Carroll King
Patterson	Woodruff	196	18	......	......	......	......	......	......	......	0.75	−3.11	0.49	0.0	2	19	11	1	sw.	W. E. Baker
Piggott	Clay	307	10	......	......	......	......	......	..	......	0.59	......	0.40	0.0	2	22	4	5	ne	V. C. Wright
Pine Bluff	Jefferson	215	47	70.6	+ 6.4	94	23	42	29	37	1.89	−1.02	1.19	0.0	2	18	12	1	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	41	64.8	+ 3.2	88	10†	31	29	43	0.94	−2.37	0.70	0.0	3	17	8	6	ne.	Benedictine Sisters
Portland	Ashley	122	28	67.8	+ 3.2	90	22	39	29	37	0.89	−2.01	0.61	0.0	2	21	7	3	nw.	W E. Edmiston
Prescott	Nevada	329	46	70.4	+ 5.8	91	21†	40	29	43	0.07	−2.59	0.07	0.0	1	22	6	3	e.	Craig Williams
Rison	Cleveland	243	34	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	63.0	+ 3.4	87	8	31	28	40	1.05	−2.05	0.44	0.0	4	21	5	5	s.	Carl A. Starck
Rosebud ‡‡	Faulkner	....	1	......	......	......	......	......	......	......	0.81	......	0.81	0.0	1	..	..	..	......	Miss Clarice Maddox
St. Francis	Clay	290	7	......	......	......	......	......	......	......	1.40	......	0.66	0.0	3	23	4	4	......	S. T. Rooney
Searcy	White	236	24	65.5	+ 3.2	87	22†	35	28†	41	0.74	−2.20	0.72	0.0	2	25	1	5	ne.	Arthur D. Smith
Story	Montgomery	700	10	......	......	......	......	......	......	......	0.80	......	0.80	0.0	1	20	11	0	n.	S. C. Story
Stuttgart	Arkansas	209	47	67.8	+ 4.7	90	22	38	28	38	1.97	−1.23	1.40	0.0	2	20	7	4	ne.	Mrs. Kress Swim
Subiaco	Logan	1050	37	66.2	+ 2.6	87	22†	39	28†	39	0.60	−2.79	0.60	0.0	1	24	4	3	e.	New Subiaco Abbey
Sunset	Washington	2250	3	66.4	......	83	10	36	28	34	1.35	......	0.74	0.0	6	20	10	1	sw.	Walter James
Texarkana	Miller	332	49	70.3	+ 4.5	94	22	39	29	45	0.35	−2.78	0.35	0.0	1	22	7	2	s.	H. S. Brashear
Thornburg	Perry	650	14	64.3	+ 2.8	90	22†	30	28	50	0.72	−3.26	0.69	0.0	2	22	7	2	s.	Edward E. Holmes
Waldron	Scott	675	15	......	......	......	......	......	......	......	0.87	−3.37	0.87	0.0	1	17	2	12	se.	Dr. Cheves Bevill
Warren	Bradley	206	40	71.0	+ 7.0	92	22	47	30	37	T.	−3.61	T.	0.0	0	22	8	1	se.	Miss Evelyn Hoyle
Waters	Montgomery	800	10	......	......	......	......	......	......	......	0.90	......	0.70	0.0	2	20	9	2	sw.	J R. Huddleston
Wilson	Mississippi	237	9	64.9	......	89	22	33	29	45	1.15	......	0.90	0.0	3	27	3	1	s.	D. O. Anderson
Wynne	Cross	250	26	65.4	+ 2.6	90	23	32	28	44	0.47	−3.53	0.33	0.0	2	20	8	3	n.	R. T. Cobb
Yancopin	Desha	167	10	......	......	......	......	......	......	......	0.54	......	0.45	0.0	4	22	3	6	......	W. E. Barton
State Means				66.3	+3.7	96	23	25	28	52	0.79	−2.30	2.00	0.0	2	21	7	3	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2. Precipitation for 24 hours ending near sunset unless otherwise indicated. *Included in next measurement. Data in italics partly interpolated. ***24 hours ending midnight. ||||24 hours ending 7 a. m.

Daily Precipitation for October 1934

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita																									.08						.20	0.28
Arkadelphia	Ouachita																							.23		.27							0.50
Arkansas City	Mississippi						T.				.28															.25						T	0.53
Arlberg	White																		.39							1.40							1.79
Batesville	White																									.51							0.51
Bee Branch	Arkansas																									.54							0.54
Bentonville ***	Arkansas																T.	.26	.14		T.		.01		.93								1.34
Big Lake Outlet	St. Francis										T.															.80						T.	0.80
Black Rock	White																		T.	.08	.02					.54							0.64
Blytheville	St Francis										.19								T.	.01						.66							0.86
Booneville	Arkansas																								.72	.10							0.82
Brinkley	White										.63									.02						1.17							1.82
Calico Rock	White																		.12	.05						.38							0.55
Camden	Ouachita																																0.00
Carthage	Ouachita																									.08							0.08
Center Point	Red																								.14								0.14
Clarendon	White									.02	.14															1.14							1.30
Clinton	White																	.15								.90						.10	1.15
Conway	Arkansas																									1.09							1.09
Corning	White																		T.	.05	.06					.45						.15	0.71
Cotter	White																		.55	.10						.08							0.73
Crossett	Ouachita										1.75																					T.	1.75
Danville	Arkansas																									.98							0.98
Dardanelle	Arkansas																									1.79							1.79
Deer	White																									.05						.10	0.15
De Valls Bluff	White																																....
Dumas	Mississippi					T.				.10																.30					T.		0.40
Dutton	White																	.03	.07		.03				T.	.21						.21	0.55
El Dorado	Ouachita										T.																					.12	0.12
England	Arkansas										.04															1.52							1.56
Eureka Springs	White																	.22	.10		.02				1.33								1.67
Fayetteville	White																	.32	.46	.01	.01				.23	T.							1.03
Fort Smith ***	Arkansas													.22				.08	.06			.03			.28							T.	0.67
Freeman Sprgs	Arkansas																									.28							0.28
Fulton	Red									T.					T.											T.							T.
Georgetown	White																			T.						.62							0.62
Grannis	Red									T.					T										.40								0.40
Gravette	Arkansas																	.51	.19						.62								1.32
Harrison	White																		.25	.41					.03								0.69
Helena	Mississippi						.09			.03	.32															.70							1.14
Higden	White																									.80						.15	0.95
Highland	Ouachita																																0.00
Hope	Red																																0.00
Hot Springs	Ouachita																								.45							.97	1.42
Index	Red															.14										.35							0.49
Jessieville	Ouachita																														.25		0.25
Jonesboro	White										T.															.59							0.59
Lead Hill	White																	.28	.30	.06	T				.03								0.67
Little Rock ***	Arkansas								T.	T.													.18		.28							.06	0.52
Lutherville	Arkansas																								.38								0.38
Madison	St. Francis										.27															.85							1.12
Magnolia	Red																														T.		T.
Malvern	Ouachita																																....
Mammoth Spg	White																		.79	.48						.42							1.69
Marianna	St. Francis	.05																								2.00							2.05
Marked Tree	St. Francis										.10										.03					.80							0.93
Marshall	White																			.09					T.	.78							0.87
Mena	Ouachita																		T							.22					.21	.01	0 44
Morrilton	Arkansas																									.75							0.75
Mountain Home	White																	.10	.04							.40							0 54
Mount Ida	Ouachita																								.47	.05					.28		0.80
Newport	White										.06															1.04							1.10
Norman	Ouachita																									.55					.20		0.75
Oden	Ouachita																									.54					.04		0.58
Okay	Red																								.40								0.40
Osceola	Mississippi																									1.34							1.34
Ozark	Arkansas																		T.	T.	T.	.03				.05							0.08
Paragould	St. Francis																									.58							0.58
Parkin	St. Francis					T.	T.				.60															.73							1.33
Patterson	White										.26															.49							0 75
Piggott	St. Francis																		T							.40						.19	0.59
Pine Bluff	Arkansas										T.													T.		1.19					T.	.70	1.89
Pocahontas	White																		.07	.17						.70							0.94
Portland	Ouachita										.61															.28							0.89
Prescott	Ouachita																									.07							0.07
Rison	Ouachita																																
Rogers (near)	White																	.23	.18		.20				.44								1.05
Rosebud	Arkansas																									.81							0.81
St. Francis	St. Francis						T.				T.									.10	.64					.66						T.	1.40
Searcy	White																			.02					T.	.72							0.74
Story	Ouachita																									.80							0.80
Stuttgart	Arkansas										.57															1.40							1 97
Subiaco	Arkansas																				T.				.60								0.60
Sunset	Arkansas																	.74	.18	.03	.03				.34	.03							1.35
Texarkana	Red														.35																		0.35
Thornburg	Arkansas																								.69	.03							0.72
Waldron	Arkansas																				T.				.87						T.		0.87
Warren	Ouachita									T.						T.																	T.
Waters	Ouachita																									.70						.20	0.90
Wilson	Mississippi						.05				.20															.90							1.15
Wynne	St. Francis										.33															.14							0.47
Yancopin	Arkansas						.05				.02															.45						.02	0.54

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.5	3.5	3.5	3.5	3.8	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.1	3.1	2.9	3.0	2.8	2.8	2.8	2.7	2.7	2 7	2.9	2.9	2.9	2.9	3.4	3.5
Calico Rock	do	18	0.8	1.4	0.9	1.6	1.2	1.5	1.4	1.2	1.4	0.5	0.4	0.5	0.4	0.5	0.3	0.1	-0.1	-0.1	0.2	-0.2	-0.2	-0.1	-0.4	-0.4	-0.3	0.1	0.1	0.9	0.4	0.4	0.5
Batesville	do	23	5.6	5.3	5.8	5.5	6.0	5.7	5.8	5.9	5.7	5.8	5.1	4.9	4.9	4.9	4.9	4.8	4.6	4.5	4.5	4.7	4.4	4.2	4.3	4.2	4.2	4.2	4.5	4.6	5.2	4.9	4.9
Newport	do	26	1.9	1.8	1.6	1.6	1.4	1.7	1.5	1.5	1.5	1.4	1.3	0.9	0.8	0.7	0.6	0.6	0.4	0 4	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.2	0.2	0.1	0 5
Georgetown	do	21	2.5	2.4	2.2	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.7	1.6	1.5	1.1	0.8	0.6	0.5	0.5	0.4	0.2	0.1	0.0	0.0	-0 1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3	0 1
Clarendon	do	26	9.4	9.4	9.4	9.3	9.2	9.0	8 9	8.8	8.7	8.7	8.7	8.6	8.5	8.4	8 2	7.9	7.7	7.6	7.5	7.4	7 2	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.6	6.5	6.6
Black Rock	Black	14	2.5	2.3	2.2	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1 4	1.2	1.1	1.1	1.3	1.5
Arkadelphia	Ouachita	17	4.5	3 9	3.9	3.7	3.7	3.7	3.7	3.7	3.3	3.7	3.7	4.9	4.1	4.5	3.9	3.5	3.9	3.9	4.6	4.2	4.2	4.4	4.2	5.2	4.4	4.8	4.8	4.4	4.0	4.0	4.2
Camden	Ouachita	26	4.1	4.2	4.4	4.5	4.5	4.7	4.9	4.9	4.6	4.5	4.2	4.2	4.2	5 1	4.9	4.9	4.3	4.0	4.1	4.0	4.6	4.4	4.2	4.2	4.1	4.4	4.7	4.6	4.6	4.5	4.3
Fulton	Red	25	6.7	6.6	7.5	7.2	8.0	7.7	6.9	6.5	6.1	5.9	5.7	5.5	5.3	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4.3	4.2	4.6	6.1
Helena	Mississippi	41	4.7	4.3	4.7	5.8	6.8	7.7	9.3	10.8	11.6	11.3	10.4	9.1	7.7	7.0	6.6	6.3	6.1	6.2	6.5	6.6	6.3	5.9	5.6	5 0	4.5	4.2	3 6	3.2	3.2	3 4	3.6
Arkansas City	do	48	6 4	5.6	4.9	4.5	5.2	6.9	8.7	10.0	11.0	11.5	11.4	10.7	9.6	8.4	7.2	6 4	5.9	5.4	5.2	5.2	5.3	5.2	4.9	4.6	4.2	3.7	3.3	3.4	3.7	3.5	3.3

Daily temperatures for October, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	75	74	80	80	81	84	77	81	74	83	85	86	86	81	85	.	..	..	..	..	..	90	88	85	81	89	83	67	75	81	89	81.6
	Minimum	48	48	49	59	55	55	53	48	49	54	54	61	53	55	53	54	59	63	63	63	61	53	53	64	55	48	46	41	39	40	50	53.1
Batesville §§	Maximum	72	77	79	79	78	76	83	80	78	83	85	85	81	76	80	82	83	83	84	82	89	87	86	84	75	81	72	59	68	74	84	79.5
	Minimum	42	43	46	52	48	48	46	41	42	51	54	49	48	45	38	39	51	62	65	63	47	43	45	55	48	41	42	29	31	33	34	45.8
Bee Branch	Maximum	72	76	74	76	77	83	81	81	79	80	84	85	85	79	80	78	82	80	87	83	88	88	88	85	80	82	79	72	71	72	82	80.3
	Minimum	44	44	55	56	53	53	47	45	51	55	62	58	53	56	45	53	60	59	66	64	48	47	60	58	46	45	53	37	35	42	47	51.5
Bentonville ***	Maximum	73	74	73	76	76	75	79	82	79	81	81	82	78	76	80	80	76	72	82	77	81	81	81	78	74	80	61	60	64	70	80	76.2
	Minimum	44	47	47	52	50	47	44	48	47	52	54	51	54	55	52	61	61	60	62	57	48	47	59	52	45	46	38	32	35	36	45	49.3
Blytheville	Maximum	71	77	79	79	69	81	75	80	80	81	83	85	75	73	80	81	83	80	79	83	89	88	87	87	74	79	71	57	65	71	84	78.3
	Minimum	43	43	56	58	55	57	43	44	54	65	57	54	49	42	41	54	59	65	64	62	56	47	52	58	55	43	46	33	34	39	43	50.7
Booneville	Maximum	74	73	76	78	80	85	77	82	76	85	87	86	83	77	83	85	85	78	87	85	86	88	87	83	81	87	75	66	71	73	86	80.8
	Minimum	44	47	50	58	50	52	47	46	48	49	53	54	53	61	54	61	67	61	63	70	47	47	62	64	49	47	47	37	36	43	50	52.2
Brinkley	Maximum	75	77	82	81	75	86	80	85	81	81	87	88	83	78	85	85	89	85	89	87	90	92	91	88	80	85	89	64	72	75	87	83.0
	Minimum	44	45	52	59	55	61	44	41	57	55	60	53	52	44	45	55	58	61	66	59	59	45	63	60	55	60	48	35	36	40	51	52.2
Calico Rock§§	Maximum	73	75	75	79	78	80	78	83	79	80	85	85	80	76	82	78	83	79	82	83	85	86	89	86	75	84	69	60	67	70	86	79.0
	Minimum	43	43	46	51	46	48	40	41	44	46	52	48	48	48	38	40	55	63	64	64	44	41	44	55	47	42	44	28	30	32	34	45.5
Camden§§	Maximum	75	75	82	81	81	85	79	85	76	85	87	88	88	82	85	84	87	87	88	89	90	89	89	88	82	88	89	66	74	83	87	83.7
	Minimum	46	46	47	57	53	56	48	44	45	61	64	55	51	55	51	53	58	58	60	56	58	57	57	59	56	46	46	39	36	37	45	51.5
Carthage §§	Maximum	66	60	76	75	71	79	77	71	70	76	65	62	59	70	76	71	61	68	88	87	89	91	89	88	80	87	85	63	72	80	86	75.4
	Minimum	44	46	47	53	53	54	45	42	46	59	60	54	49	51	48	49	55	56	59	55	55	52	52	56	50	44	44	35	34	34	45	49.2
Center Point	Maximum	79	80	84	82	85	92	84	85	83	90	94	93	89	82	89	87	89	90	90	88	92	94	90	88	88	89	92	72	77	87	86	86.8
	Minimum	49	48	57	61	55	53	48	46	54	47	55	56	56	60	55	59	62	63	58	58	52	55	61	62	46	44	45	43	37	45	59	53.2
Conway	Maximum	76	79	79	82	83	89	82	84	79	87	91	89	86	80	85	82	87	82	90	87	92	92	92	88	81	87	80	65	74	76	88	83.7
	Minimum	45	45	56	56	54	58	48	45	56	57	59	55	53	58	45	58	61	60	68	65	55	47	64	61	52	48	50	36	37	41	50	53.0
Corning	Maximum	71	75	80	81	76	76	77	82	78	84	85	87	76	72	81	81	80	76	72	84	86	88	89	86	79	79	70	56	64	68	84	78.2
	Minimum	43	42	50	58	48	57	43	42	49	63	55	51	50	43	37	51	61	65	63	63	51	44	50	58	52	41	49	30	33	35	41	49 0
Crossett§§	Maximum	73	79	83	82	78	77	82	85	71	81	85	87	83	87	85	85	87	85	87	87	89	90	90	88	83	87	84	88	76	85	85	83.7
	Minimum	50	49	50	60	56	62	47	51	57	66	61	57	54	56	58	61	60	61	60	60	62	63	62	63	61	47	50	40	42	47	59	55.9
Dardanelle	Maximum	74	76	79	80	82	88	80	81	76	87	88	87	85	79	83	80	85	79	88	85	88	89	89	85	80	85	78	67	70	72	85	81.6
	Minimum	45	46	51	54	51	54	47	46	53	53	57	55	52	60	48	59	62	61	66	67	50	46	62	59	51	48	49	38	37	43	50	52.3
Deer	Maximum	69	66	68	71	71	75	76	79	74	76	73	80	76	70	77	73	75	75	81	73	80	81	79	73	73	79	68	66	63	68	77	73.9
	Minimum	46	48	54	54	52	..	..	.	63	56	60	59	60	51	52	57	62	61	62	62	57	61	63	61	50	56	51	50	33	46	54	55.0
Dumas	Maximum	74	78	80	79	70	86	79	83	74	86	86	88	86	82	85	87	88	86	90	92	90	91	93	89	81	88	83	67	75	82	86	83.4
	Minimum	46	48	60	52	54	65	48	44	58	65	60	56	51	52	50	58	58	58	63	62	53	53	65	60	59	47	53	38	38	44	58	54.1
Dutton	Maximum	70	74	72	76	78	80	81	80	80	85	84	83	81	75	78	77	79	68	82	75	87	83	82	85	75	84	73	65	69	70	88	78.0
	Minimum	48	40	39	41	40	42	37	39	39	38	45	40	43	50	42	51	55	52	53	60	38	37	51	55	35	35	41	25	27	32	43	42.4
El Dorado	Maximum	76	77	84	81	81	84	83	81	79	85	87	88	88	83	87	87	90	88	90	89	93	92	91	89	84	88	87	85	76	84	85	85.2
	Minimum	51	50	60	63	57	64	55	49	64	65	62	60	57	59	56	62	63	62	63	61	66	67	65	62	59	51	56	46	45	54	55	58.4
England	Maximum	76	81	83	83	84	84	80	86	78	88	87	88	91	82	88	83	87	83	90	88	90	94	90	87	79	86	81	65	75	76	86	83.8
	Minimum	45	46	60	53	53	61	49	46	59	62	60	58	52	52	48	55	59	59	66	59	59	50	64	80	54	49	52	36	40	40	56	53.6
Eureka Springs	Maximum	73	75	76	77	78	79	81	83	79	83	84	84	82	78	82	80	77	75	83	77	82	85	83	81	76	81	70	63	66	71	81	78.2
	Minimum	44	46	50	51	50	55	48	49	50	51	57	53	55	55	51	62	64	61	63	65	58	52	63	61	48	50	49	33	41	37	54	52.5
Fayetteville	Maximum	71	73	73	76	76	76	79	81	79	81	82	83	80	78	79	80	78	70	80	77	79	81	81	78	74	80	73	60	67	71	81	76.7
	Minimum	42	47	47	52	49	51	44	46	47	50	54	51	52	57	51	64	67	60	64	67	52	46	61	64	46	46	50	33	35	38	51	51.1
Fort Smith***	Maximum	72	72	76	77	77	83	77	80	77	83	85	85	80	76	81	83	83	72	87	82	84	82	86	80	77	85	73	61	69	72	84	78 7
	Minimum	49	52	55	60	56	57	52	52	54	56	58	58	58	60	56	62	67	65	65	61	52	53	65	58	53	51	50	42	40	47	53	55.4
Gravette	Maximum	73	75	74	77	78	76	80	81	81	82	81	83	79	76	81	80	76	71	82	79	80	82	84	77	73	80	67	61	66	70	80	76.9
	Minimum	42	46	43	53	51	51	43	46	48	51	53	48	54	55	52	62	64	60	61	65	45	48	59	61	43	45	48	31	34	35	46	49.8
Harrison	Maximum	68	68	71	75	74	75	73	77	79	78	79	79	76	70	78	80	79	77	82	79	79	81	82	82	70	80	70	55	61	66	83	75.0
	Minimum	42	44	45	49	46	51	43	43	45	47	55	50	50	54	45	57	64	63	64	67	50	43	55	61	47	41	50	30	35	35	45	48.9
Helena	Maximum	72	78	81	79	69	82	76	83	75	78	83	84	82	76	81	84	85	85	87	84	89	91	90	87	78	81	79	65	73	74	83	80.5
	Minimum	48	50	61	56	59	60	46	48	60	65	60	55	56	52	54	58	60	62	64	63	63	54	67	64	59	48	52	35	40	45	54	55.4
Hope	Maximum	79	79	85	84	85	88	83	88	89	89	91	91	92	81	90	88	91	88	93	90	92	93	90	87	82	87	87	74	78	84	86	86.6
	Minimum	48	48	56	55	51	57	49	45	56	60	60	58	54	61	54	59	63	64	62	62	68	56	63	65	51	45	56	44	39	47	65	55.5
Hot Springs	Maximum	78	82	82	81	84	87	88	86	77	87	89	90	88	82	87	84	91	86	90	85	94	91	91	87	81	90	83	69	77	78	85	84.8
	Minimum	48	48	65	57	56	58	52	48	58	57	60	60	56	58	52	60	65	64	67	65	61	56	68	64	53	50	64	40	43	47	58	56.7
Jonesboro	Maximum	68	73	77	73	68	79	74	79	78	80	82	82	74	70	79	82	81	84	78	83	86	87	88	85	76	79	70	56	64	69	82	77.0
	Minimum	43	44	56	60	56	56	49	44	55	65	59	55	56	49	42	51	58	65	62	62	56	50	56	61	52	44	53	34	36	38	44	52.0
Lead Hill	Maximum	76	83	78	78	80	76	83	86	80	85	83	85	83	80	85	86	79	76	87	83	84	87	90	87	74	87	72	62	68	69	88	80.6
	Minimum	39	42	43	49	60	48	42	40	49	47	52	45	47	53	42	51	60	64	63	64	46	41	51	59	43	39	44	27	29	31	40	46.8
Little Rock.***	Maximum	70	73	78	76	77	83	75	78	76	81	84	83	82	74	80	80	85	80	86	84	86	88	87	84	76	83	77	58	70	72	83	79.0
	Minimum	52	51	61	60	59	61	56	51	61	61	63	63	58	56	52	59	62	64	68	64	62	55	67	64	56	53	53	44	43	46	55	57.4
Lutherville	Maximum	74	75	75	70	81	85	81	81	81	89	87	85	83	79	82	78	82	76	86	81	85	82	87	85	75	80	72	63	71	74	84	79.6
	Minimum	46	48	53	57	54	55	50	48	53	53	59	57	55	58	51	57	65	63	66	67	52	50	64	59	50	49	55	38	38	44	50	53.7
Magnolia	Maximum	78	79	85	82	84	86	85	87	83	88	88	90	91	85	89	89	90	89	91	91	93	92	92	90	85	90	89	86	87	85	86	87.3
	Minimum	49	59	59	63	55	59	55	47	64	65	60	56	55	59	56	63	62	63	61	60	63	65	64	64	54	46	50	45	44	43	64	57.2
Mammoth Spring	Maximum	68	71	74	76	73	75	73	75	75	80	81	81	80	74	74	75	80	76	79	83	84	83	84	85	79	78	70	57	58	66	84	75.8
	Minimum	42	43	53	60	50	47	42	43	46	60	58	47	51	47	37	53	56	60	62	48	44	43	52	63	52	41	43	31	31	36	45	47.9
Marianna	Maximum	71	74	78	77	74	82	79	79	75	78	82	82	80	78	78	83	83	82	82	83	86	86	85	85	77	78	76	69	69	71	84	78.9
	Minimum	45	46	60	59	57	61	44	44	58	66	60	56	53	46	46	55	55	60	67	61	49	62	63	63	57	45	55	36	36	41	52	53.5
Marked Tree§§	Maximum	75	79	80	80	69	82	78	83	79	81	84	85	80	75	81	83	83	85	80	84	84	89	88	85	75	80	74	60	68	73	84	79.5
	Minimum	43	44	45	59	54	57	47	42	43	57	59	54	53	47	42	43	55	59	63	62	56	47	47	57	56	43	43	34	33	34	38	48.9
Marshall	Maximum	73	70	72	76	79	79	76	81	79	82	82	83	83	74	82	81	82	77	87	82	84	87	87	84	78	84	81	60	66	71	82	78.8
	Minimum	39	40	43	48	42	46	39	42	45	46	50	45	46	49	40	59	61	56	63	65	43	39	59	63	43	40	46	27	31	36	46	46.4
Mena	Maximum	72	71	75	76	77	80	80	82	76	80	83	84	82	78	81	81	79	78	83	82	83	86	84	77	78	83	78	65	70	78	81	78.8
	Minimum	44	45	53	55	51	52	51	47	54	50	56	56	53	59	52	64	65	62	60	64	51	51	64	65	49	50	57	41	39	46	57	53.6
Morrilton §§	Maximum	71	72	75	75	79	83	76	76	71	81	84	83	80	73	77	77	81	78	84	80	85	85	83	80	74	80	73	57	67	68	80	77.0
	Minimum	47	47	48	56	54	56	51	47	49	56	57	58	53	57	46	51	60	61	62	67	55	48	52	61	54	49	49	41	39	40	45	52.1
Mountain Home	Maximum	68	73	74	75	80	78	78	83	78	83	86	85	79	77	82	83	80	78	79	80	87	85	89	86	75	85	56	62	67	74	86	78.7
	Minimum	49	41	44	48	48	50	42	44	46	55	57	50	52	52	42	54	60	63	64	65	47	44	55	61	50	42	49	31	33	34	46	49.0
Mount Ida	Maximum	74	73	78	78	81	86	80	80	75	85	87	88	85	78	84	81	84	85	86	83	88	88	86	84	82	88	83	67	72	78	84	81.6
	Minimum	38	39	48	54	45	47	41	38	46	47	51	49	45	54	45	54	57	57	60	65	51	43	56	60	47	40	41	31	31	37	46	47.2
Newport	Maximum	72	75	78	78	73	82	75	83	79	82	83	86	79	74	81	82	84	88	87	86	90	90	89	87	80	81	73	62	59	67	85	79.7
	Minimum	45	45	55	61	53	61	47	44	54	64	60	54	54	50	42	53	51	61	61	63	67	47	57	62	52	45	52	35	33	37	46	52.0
Okay	Maximum	75	77	81	84	83	89	81	85	82	87	90	91	90	80	87	86	89	90	90	90	93	94	96	90	92	85	90	78	75	85	88	86.2
	Minimum	43	48	55	48	51	50	44	40	55	47	52	52	52	56	55	58	65	62	58	58	58	51	53	47	49	41	42	42	42	42	60	50.8
Ozark§§	Maximum	71	74	77	79	81	86	80	79	76	85	87	86	81	75	80	81	82	71	87	82	83	84	85	83	78	79	75	60	70	70	85	79.1
	Minimum	46	46	50	50	52	52	47	48	48	49	51	54	54	55	55	55	62	62	63	53	49	48	48	61	50	47	47	36	36	36	45	50.2
Pine Bluff	Maximum	74	76	82	81	80	84	81	85	78	84	87	89	89	82	88	84	89	83	91	87	91	92	94	90	81	88	82	63	75	74	86	83.5
	Minimum	51	50	62	56	56	65	55	49	61	65	65	59	55	55	53	60	61	62	68	66	62	59	67	64	58	51	60	43	42	48	59	57.6
Pocahontas	Maximum	73	76	80	81	77	81	77	81	77	88	85	86	81	74	79	81	82	77	76	82	86	86	88	85	80	79	78	61	66	70	85	79.3
	Minimum	44	49	52	60	52	58	47	43	50	63	61	55	54	46	40	50	56	65	61	61	48	44	53	57	61	41	46	33	31	35	42	50.3
Portland	Maximum	72	76	80	79	72	78	76	81	74	79	82	84	84	79	83	85	86	84	87	86	87	90	89	87	78	83	84	74	71	81	84	81.1
	Minimum	46	49	60	55	56	66	50	46	60	65	61	56	52	52	52	59	57	57	57	56	65	61	60	59	60	46	49	40	39	46	56	54.6
Prescott	Maximum	77	77	82	81	81	86	83	84	80	86	87	88	89	82	87	86	88	86	90	89	91	91	90	89	83	90	88	83	74	83	88	85.1
	Minimum	49	49	58	58	58	59	51	47	61	58	62	60	54	59	54	58	62	64	60	61	59	57	63	64	52	47	51	42	40	47	60	55.6
Searcy	Maximum	70	74	78	77	77	84	75	79	78	82	85	85	80	74	79	81	83	81	85	84	86	87	87	85	79	79	75	65	68	70	84	79.2
	Minimum	46	46	56	66	54	58	48	45	56	60	51	57	53	54	45	53	56	59	65	58	55	46	59	58	52	45	47	35	35	40	47	51.8
Stuttgart	Maximum	73	78	81	81	75	84	78	83	78	81	86	85	86	77	83	85	87	81	88	86	87	90	89	87	77	81	80	66	70	72	85	81.3
	Minimum	46	49	59	56	55	62	50	45	58	64	60	58	49	52	50	56	58	60	65	58	60	52	63	60	55	49	54	38	40	44	54	54.2
Subiaco	Maximum	72	73	76	79	79	83	78	80	74	82	84	83	82	76	81	81	84	76	86	83	82	87	87	86	75	79	77	60	68	70	85	79.0
	Minimum	46	48	51	55	52	55	50	49	50	51	57	57	55	59	51	62	65	62	64	69	52	48	62	60	53	48	57	39	39	45	49	53.5
Texarkana	Maximum	77	77	84	83	84	88	82	84	83	88	91	91	91	77	88	85	85	89	90	90	93	94	90	90	86	91	90	74	77	89	87	86 1
	Minimum	46	48	57	59	53	56	50	46	58	54	58	57	56	55	54	60	64	62	62	60	58	55	63	64	49	46	50	45	39	47	60	54.5
Thornburg	Maximum	75	76	77	80	80	84	78	84	77	84	86	86	86	79	83	80	84	79	75	84	89	90	90	85	80	90	83	68	75	75	85	81.5
	Minimum	37	37	47	47	44	49	40	38	46	48	52	48	45	54	40	59	57	58	64	64	49	41	63	55	48	40	42	30	32	36	50	47.1
Warren	Maximum	74	77	82	80	79	85	82	85	76	82	81	86	88	85	87	85	88	88	89	89	89	92	91	89	84	89	88	84	85	82	86	84.7
	Minimum	49	49	61	57	59	56	57	48	62	66	63	52	55	55	54	60	61	63	64	64	54	63	65	61	59	54	55	56	50	47	61	57.4
Wilson	Maximum	70	75	80	80	75	83	79	81	81	80	83	84	81	73	81	83	83	83	82	84	86	89	88	86	83	78	72	66	67	72	83	79.7
	Minimum	41	42	43	57	54	57	47	40	52	54	55	52	52	50	41	56	59	64	63	62	67	44	52	58	55	42	42	37	33	39	43	50.1
Wynne	Maximum	75	73	80	78	67	83	73	82	78	80	83	82	80	73	81	84	84	83	85	85	86	89	90	85	75	75	74	56	67	70	83	78.7
	Minimum	41	42	59	60	64	56	54	42	52	64	56	50	51	49	42	58	60	64	63	60	56	45	60	61	53	42	49	32	43	40	45	52.0

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. - 11-26-34-10

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XXXIX Little Rock, Ark., November, 1934 No. 11

GENERAL SUMMARY

Temperature and precipitation were both above normal for November, 1934, this being the wettest November on record and surpassing the correspondingly wet months of 1902, 1919, and 1931. Temperatures were considerably above normal from the 3d to the 10th and from the 17th to the 21st, with departures as high as 12° above normal on the 8th and 9th and from 16° to 20° above from the 18th to the 20th, while the coldest weather occurred generally either the 12th, 15th, or 23d. The average temperature for the State, based on the reports of 61 stations, was 54.0° which is 2.4° above the mean for the past 44 years. Monthly means ranged from 49.4° at Dutton to 59.0° at El Dorado. The highest temperature reported was 88° at Conway on the 7th and at three other stations on later dates; the lowest, 20° at Dutton and Thornburg on the 12th and later during the month. The greatest daily range was 50° at Marshall on the 1st and at Batesville on the 7th.

Moderate to heavy rains occurred the first of the month and heavy to excessive rains from the 19th to the 22d, a number of stations reporting from 2.00 inches to over 3.00 inches of rain on the 21st. From the 25th to the 30th precipitation occurred with only a day intervening. Snowfall was heaviest on record for November in northwestern counties, Eureka Springs reporting 11.0 inches on the 29th and 30th and Bentonville and Fayetteville over 9.0 inches. The average precipitation for the State for the 89 stations reporting was 6.89 inches which is 3.19 inches above the mean for the past 44 years. Monthly totals ranged from 3.62 inches at Mountain Home to 12.87 inches at Arkansas City, ten stations having monthly totals exceeding 10.00 inches. The greatest amount measured in any 24-hour period was 5.14 inches at Dumas on the 21st. The average number of rainy days was 9.

Although precipitation during November was the heaviest on record, the weather was not unfavorable for harvesting fall crops. Cotton picking was practically finished and nearly all crops gathered before the rainy period from the 19th to the 22d. Killing frost occurred in northern counties the latter part of October, in most of the eastern half of the State on the 12th, and in nearly all of the southwestern portion on the 23d, but in some sections of Columbia and Union counties vegetation was not killed until December. T.A.M.

Tornadoes.

Western part of Ashley County, 8 miles northwest of Crossett, during night of 20th, from sw, none injured, property damage $5,000.

Five miles west of McGehee to near McGehee, 20th, 3:20 a. m., from west, two people killed, one injured, property damage $10,000.

McGehee and vicinity, 27th, 1:15 p. m., from sw, path narrow, property damage $3,000.

Corrections: October, 1934

Harrison, mean temperature should be 62.0°, departure from normal +2.8; state mean temperature should be 66.2°, departure +3.6°.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog		3	1																		1					2	6				
Light Hail			2												1						1										
Moderate Hail																															
Heavy Hail																															
Thunderstorms	13	9	19							2					1	1			4	19	26	6			1	3	7		4	2	

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	30 02	30.45	11	29.32	3	6.8	21	sw	21	..	..	..	61
Fort Smith	30.05	30.49	11	29.39	3	8.8	28	w	3	76	53	57	47
Little Rock	30.08	30.46	15	29.41	3	8.4	27	sw	3	81	53	57	61
Memphis	30.08	30.48	15	29.42	3	8.1	40	w	21	73	54	56	62

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	−1.9	87	10	5.56	+1.86	10.03	0.95	...	8	13	7	10
1892	49.9	−1.7	79	20	5.83	+2.13	11.74	1.78	1.2	9	11	7	12
1893	49.3	−2.3	84	10	4.21	+0.51	7.13	2.24	0.0	5	14	8	8
1894	50.4	−1.2	81	12	1.12	−2.58	3.28	0.00	T.	2	19	6	5
1895	49.9	−1.7	82	16	4.82	+1.12	7.68	2.82	0.1	6	14	5	11
1896	52.8	+1.2	88	8	4.34	+0.64	9.51	1.26	0.1	7	14	7	9
1897	51.6	0.0	88	15	2.82	−0.88	5 80	0.86	T.	6	16	6	8
1898	47.5	−4.1	87	9	3.20	−0.50	6.46	1.50	T.	4	13	8	9
1899	54.3	+2.7	87	17	2.61	−1.09	5.86	1.06	T.	6	13	8	9
1900	51.4	−0.2	90	18	4.28	+0.58	9.39	1.79	T.	6	15	7	8
1901	50.5	−1.1	88	15	2.99	−0.71	4.83	1.57	0.0	5	16	7	7
1902	56.5	+4.9	90	18	6.66	+2.96	13.11	3.55	T.	9	8	9	13
1903	47.6	−4.0	89	2	0.64	−3.06	1.85	0.00	0.1	3	13	9	8
1904	51.4	−0.2	89	17	1.38	−2.32	4.90	0 00	T.	3	17	5	8
1905	53.2	+1.6	88	9	3.28	−0.42	6.23	0.88	T.	5	16	5	9
1906	50.2	−1.4	88	13	5.90	+2.10	19.56	2.09	0.1	6	14	7	9
1907	49.0	−2.6	84	10	5.71	+2.01	9.32	1.97	T.	6	16	5	9
1908	53.8	+2.2	88	5	5.40	+1.70	8.75	1.30	T.	8	15	6	9
1909	59.3	+7.7	90	16	3.75	+0.05	7.98	1.38	0.0	7	13	8	9
1910	51.5	−0.1	85	17	0.47	−3.23	1.45	T.	0.0	3	16	9	5
1911	46.8	−4.8	86	5	3.18	−0.52	4.84	1.41	0.2	7	14	8	8
1912	50.5	−1.1	89	13	1.66	−2.04	4.20	T.	T.	2	19	7	4
1913	57.6	+6.0	85	20	2.47	−1.23	5.16	T.	0.0	5	10	9	11
1914	52.6	+1.0	88	11	2.32	−1.38	5.62	0.44	T.	4	15	6	9
1915	54.8	+3.2	88	17	5.40	+1.70	9.14	1.24	0.1	6	16	5	9
1916	52.1	+0.5	87	10	2.95	−0.75	5.15	1.14	T.	5	20	4	6
1917	50.7	−0.9	85	11	1.96	−1.74	7.07	0.35	T.	4	17	4	9
1918	49.7	−1.9	88	18	3.91	+0.21	6.13	1.60	0.1	6	15	4	11
1919	51.4	−0.2	86	14	6.27	+2.57	11.97	2.42	T.	7	17	3	10
1920	47.8	−3.8	89	10	1.95	−1.75	5.78	0.21	T.	5	15	4	11
1921	54.9	+3.3	88	17	5.53	+1.83	13.77	1.10	T.	7	13	6	11
1922	52.9	+1.3	88	20	3.89	+0.19	8.82	0.86	0.0	6	16	6	8
1923	50.8	−0.8	81	21	3.34	−0.36	6.11	0.65	0.3	6	15	4	11
1924	53.4	+1.8	88	15	2.36	−1.34	5.60	0.20	T.	4	16	5	9
1925	50 4	−1.2	89	15	5.67	+1.97	14.41	1.04	T.	8	16	4	10
1926	47.2	−4.4	81	10	3.33	−0.37	5.59	0.87	0.7	6	14	5	11
1927	56.7	+5.1	96	20	3.67	−0.03	8.18	0.93	0.1	6	7	8	15
1928	50.2	−1.4	82	13	4.25	+0.55	7.71	1.80	T.	8	13	3	14
1929	46.1	−5.5	85	7	2.61	−1.09	6.57	0.78	2 3	8	10	6	14
1930	50.5	−1.1	87	16	4.15	+0.45	9.35	1.95	T.	7	16	4	10
1931	57.6	+6.0	88	18	6.34	+2.64	9.19	2.49	T.	9	9	6	15
1932	46.7	−4.9	82	9	1.98	−1.72	4.76	0.48	0 1	6	16	4	10
1933	53.0	+1.4	85	20	1.86	−1.84	4.91	0.50	T.	4	16	6	8
1934	54.0	+2.4	88	20	6.89	+3.19	12.87	3.62	0.6	9	15	5	10
Perod	51.6	.....	96	2	3.70	... .	19.56	0.00	0.1	6	14	6	10

Daily River Stages for November, 1934

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	Arkansas	22	5.4	5.2	5.0																	6.4	12.3	13.2	14.6	17.8	18.3	16.4	15.0	13.7	13.1	12.6	
Van Buren						3.9	3.7	3.5	3.4	3.4	3.9	4.2	3.8	3.6	3.4	3.3	3.0	3.0	2.9	2.8	2.8												
Ozark	do	22	1.0	0.9	0.7	0.5	0.4	0.3	0.2	0.0	0.0	0.3	0.4	0.4	0.2	0.0	-0.1	-0.3	-0.4	-0.5	-0.6	2.0	6.4	9.3	10.3	11.8	13.7	12.7	11.0	10.1	9.1	8.7	
Dardanelle	do	22	4.4	4.2	4.2	4.1	3.9	3.7	3 6	3.5	3.4	3.3	3 5	3.8	3.5	3.5	3.3	3.2	3.1	3.0	3.0	3.0	6.6	11.2	12.2	12 9	15.4	15.7	13.9	12.8	11.9	11.3	
Morrilton	do	20	0.6	0.2	0.5	0.0	-0 2	-0.3	-0.5	-0.7	-0.8	-0.9	-0.9	-0.6	-0.5	-0.7	-0.9	-1.2	....	-1.6	-1.7	-1.7	-1.5	6.0	8.7	9.8	11.9	13.4	12.2	11.0	9 9	9.1	
Little Rock	do	23	0 3	-0.1	-0.3	-0.5	-0 6	-0.8	-1.0	-1.2	-1.2	-1.5	-1.7	-1.6	-1.4	-1.2	-1.4	-1.6	-1.6	-1.9	-2.0	-2.0	-1.8	-1.6	6.2	8.9	10.3	13.0	13.1	11.6	10.4	9.4	
Pine Bluff	do	25	4.9	4.6	4 3	4.0	3 8	3.6	3.4	3.2	3.0	2 8	2.7	2.5	2.5	2.7	2.8	2.8	2.5	2.4	2.3	2.2	2.4	2.4	2.7	10.7	12.9	14.9	16.3	15.9	14.8	14.0	
Danville	Petit Jean	20	2.2	2.1	2.5	3.0	2.8	2.6	2.4	2.4	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.5	2.2	5.3	11.8	11.7	7.1	4 8	4.6	4.4	4.4	3.2	6.2	

Climatological Data for November, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	53.8	+1.4	84	8†	30	24	42	5.99	+2.30	1.95	0.0	8	10	12	8	e.	J. W. Campbell
Arkadelphia	Clark	250	39	...	...	...	...	...	...	...	7.05	+3.36	2.20	0.0	9	15	2	13	ne.	W. K. Bown
Arkansas City	Desha	145	50	...	...	...	...	...	...	...	12.87	+8.98	4.12	0.0	9	17	2	11	...	Herbert Neff
Arlberg	Stone	700	12	...	...	...	...	...	...	...	4.90	+1.24	1.70	0.0	6	...	...	...	...	J. D. Reeves
Batesville	Independence	277	35	50.0	+0.8	83	7	20	15	50	5.51	+2.02	1.70	0.0	11	13	2	15	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	53.2	+2.5	80	1†	28	15†	49	6.07	+2.59	1.75	0.0	8	15	4	11	s.	J. E. Scanlan
Bentonville	Benton	1303	29	51.6	+3.4	80	7	26	23	34	6.42	+3.28	2.13	9.2	8	12	2	16	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	4	...	...	...	...	...	...	...	8.74	...	2.69	0.0	7	15	6	9	...	C. J. Brooks
Black Rock	Lawrence	259	33	...	...	...	...	...	...	...	6.29	+2.13	2.02	0.0	11	18	2	10	n.	Vernon C. Howe
Blytheville	Mississippi	252	9	53.6^{a}	...	81^{a}	7	24^{a}	15	42^{a}	12.75	...	4.56	0.0	10	18^{a}	2^{a}	9^{a}	s.	Samuel Norris
Booneville	Logan	465	20	55.4	+2.9	85	7	28	23	45	4.58	+1.15	1.93	T.	8	15	7	8	w.	F. H. Randolph
Brinkley	Monroe	205	47	56.4^{a}	+4.7	85^{a}	7	25^{a}	16	46^{b}	8.18	+3.99	2.56	0.0	9	17	5	8	...	R. J Torry
Calico Rock	Izard	361	30	49.6	+2.6	86	7	21	15	49	4.40	+1.88	1.60	0.0	9	15	6	9	se.	E. R Wiseman
Camden	Ouachita	158	49	53.6	+1.6	84	9†	29	12†	45	7.30	+3.16	2.98	0.0	9	15	7	8	nw.	J M. Knight
Carthage	Dallas	297	29	52.4	...	83	9	28	12†	45	6.21	+2.47	2.85	0.0	6	14	10	6	n.	P. K. Wylie
Center Point	Howard	470	35	57.0^{b}	+2.8	88^{b}	9	26^{b}	23	45^{b}	5.56	+2.01	2.57	0.0	6	18^{b}	3^{b}	7^{b}	...	John C. Floyd
Clarendon	Monroe	172	30	...	...	...	...	...	...	...	9.08	+5.17	3.24	0.0	10	14	5	11	n.	J. W. Bishop
Clinton	Van Buren	516	13	...	...	...	...	...	...	...	5.32	+0.69	1.70	0.0	6	16	4	10	se.	A L. Stephens
Conway	Faulkner	309	51	55.2	+3.5	88	7	28	15	47	7.01	+3.08	2.50	0.0	7	17	3	10	e.	E. E Cordrey
Corning	Clay	293	41	52.1	+3.8	80	7	22	15	44	5.29	+1.71	2.80	0.0	8	14	5	11	ne.	Winfred D. Polk
Cotter	Baxter	408	7	...	...	...	...	...	...	...	3.65	...	1.78	0.0	7	14	7	9	...	O. B. McSpadden
Crosset	Ashley	175	22	55.9	+2.1	85	9	31	15†	41	9.15	+4.89	3.68	0.0	10	15	4	11	w.	G. A Gifford
Danville	Yell	327	18	...	...	...	...	...	...	...	5.87	+2.63	1.85	0.0	9	13	8	9	...	J. M. Patterson
Dardanelle	Yell	330	48	54.0	+3.0	82	7	29	12	41	3.93	+0.42	1.45	0.0	8	10	11	9	s.	Geo. N. Goodier
Deer	Newton	2200	1	50.6^{c}	...	79^{c}	7	25^{c}	23	42^{c}	4.18	...	1.20	2.0	8	16	1	13	sw.	Mrs. J. M. Essex
De Valls Bluff	Prairie	153	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mrs. Frank O'Rourke
Dumas	Desha	162	29	56.4	+3.0	84	7†	27	15	42	12.82	+8.76	5.14	0.0	10	13	12	5	s.	Ben Johnson
Dutton	Madison	1590	31	49.4	+2.8	85	7	20	12†	49	6.17	+2.70	2.83	4.0	11	20	7	3	n.	J. M. Ricketts
El Dorado	Union	270	34	59.0	+4.2	86	9	34	24†	36	9.20	+4.91	4.80	0.0	8	15	6	9	se.	J. J. Babb
England	Lonoke	229	27	55.4^{a}	+2.3	85^{a}	7	26^{a}	15	43^{a}	4.15	+0.45	1.27	0.0	9	18^{a}	3^{a}	8^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	53.4	+2.4	83	7	26	23	34	5.99	+2.72	1.68	11.0	10	14	7	9	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	53.2	+3.8	79	7	26	23	41	7.63	+4.66	2.95	9.3	9	13	7	10	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	53.8	+2.8	78	7	31	23	34	6.75	+3.88	3.19	T.	10	13	5	12	e	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	10	...	...	...	...	...	...	...	5.34	...	1.39	0.2	10	15	4	11	sw.	R. J. McCuiston
Fulton	Hempstead	260	49	...	...	...	...	...	...	...	7.23	+3.67	2.17	0.0	8	14	6	10	...	T. J. Logan
Georgetown	White	200	22	...	...	...	...	...	...	...	6.10	+2.63	2.23	0.0	10	17	1	12	...	Mrs. W. R. Owens
Grannis	Polk	900	15	54.2	+3.2	85	8	27	23	42	6.82	+2.20	3.94	T.	10	16	5	9	se.	W. E. McVay
Gravette	Benton	1250	37	52.5	+3.5	81	7	23	23	41	5.98	+2.87	1.31	3.0	9	16	9	5	w.	Max W. Schmidt
Harrison	Boone	1052	34	52.2	+3.6	82	7	25	12†	39	3.87	+1.14	0.94	2.0	9	17	1	12	sw	Louis R. Keck
Helena	Phillips	250	62	56.0	+3.2	84	7	28	12	38	11.52	+6.96	3.90	0.0	10	14	6	10	ne.	James A. Burnett
Higden	Cleburne	445	15	...	...	...	...	...	...	...	5.59	+1.55	1.80	0.0	7	20	3	7	ne.	Trumon Brown
Highland	Pike	600	15	54.2^{g}	...	84^{g}	10	30^{g}	23†	35^{g}	6.38	+2.67	2.15	0.0	7	8	14	8	se.	J. O. Cooley
Hope	Hempstead	377	64	56.2^{d}	+1.8	82^{d}	10	30^{d}	23	39^{d}	9.62	+5.18	3.17	0.0	8	16	6	8	...	N. P. O'Neal
Hot Springs	Garland	600	43	57.7	+5.3	88	10	30	23	38	7.45	+3.30	1.73	T.	10	13	8	9	sw.	National Park Service
Index	Little River	275	9	...	...	...	...	...	...	...	6.51	...	2.35	0.0	8	17	0	13	...	H. C Sanderson
Jessieville	Garland	750	8	...	...	...	...	...	...	...	4.93	...	1.65	0.0	4	9	12	9	...	U. S. Forest Service
Jonesboro	Craighead	345	39	52.4	+1.2	79	4†	26	15	39	7.14	+3.72	1.83	0.0	11	20	5	5	ne.	Benedictine Sisters
Lead Hill	Boone	650	28	51.7	+3.7	83	7	21	12	46	3.93	+0.31	1.21	T.	9	17	5	8	se.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	54.4	+2.3	81	7	34	23	34	4.93	+0.74	2.54	T.	9	12	7	11	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	35	53.9	+3.1	81	7	27	23	43	5.73	+2.25	1.90	0.0	10	15	3	12	se.	H. G. Lenhardt
Madison	St. Francis	209	4	...	...	...	...	...	...	...	12.36	...	3.70	0.0	9	15	0	15	...	J. W. Eppes
Magnolia	Columbia	315	18	58.8^{a}	+4.6	87^{a}	8	33^{a}	23	41^{a}	7.83	+3.60	3.20	0.0	5	11^{a}	10^{a}	8^{a}	sw.	State Agri. School
Malvern	Hot Springs	277	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mammoth Spring	Fulton	600	30	50.4	+2.0	81	7	22	15	43	4.68	+1.32	1.50	0.0	7	13	7	10	sw	S. F. Whittaker
Marianna	Lee	235	23	54.8	+2.8	80	7	25	15	38	10.43	+7.21	4.62	0.0	7	14	9	7	s.	C. N. Houck
Marked Tree	Poinsett	229	30	51.8	+3.0	81	7	24	15	47	9.14	+4.93	2.26	0.0	10	14	11	5	n.	Charles Walton
Marshall	Searcy	1070	20	52.6	+1.6	85	7	21	12	50	5.54	+1.84	1.80	T.	8	17	4	9	s.	A. J. Parks
Mena	Polk	1207	46	54.0	+1.8	81	8	28	23	34	5.49	+2.01	1.96	T.	8	12	5	13	n.	E. W. St. John
Morrilton	Conway	347	15	51.3	+0.5	79	7	31	15	38	6.31	+2.49	2.12	0.0	7	13	6	11	se.	Miss Ruby Cook
Mountain Home	Baxter	800	22	52.4	+4.3	87	6	24	12†	46	3.62	+0.53	1.70	0.0	6	14	2	14	nw.	B. S. Halbert
Mount Ida	Montgomery	650	35	52.8	+2.5	85	9	23	24	49	6.80	+2.70	2.57	0.0	10	15	4	11	e.	G. A. Whittington
Newport	Jackson	231	51	53.2	+2.2	79	1	23	15	42	6.15	+2.02	2.38	0.0	12	15	7	8	n.	J. D. Henderson
Norman	Montgomery	750	6	...	...	...	...	...	...	...	6.45	...	2.25	0.0	10	14	1	15	...	U. S. Forest Service
Oden	Montgomery	800	8	...	...	...	...	...	...	...	4.46	...	2.17	0.0	8	14	5	11	se.	U. S. Forest Service
Okay	Howard	288	5	55.7	...	88	10	26	23	46	6.40	...	2.40	0.0	8	17	3	10	s.	Charles R. Jackson
Osceola	Mississippi	240	38	54.8	+4.8	*81*	7	28	15	39	10.11	+5.72	4.10	0.0	7	17	5	8	s.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	51.8	+0.2	77	8†	28	23†	40	4.42	+1.23	1.55	0.0	8	15	4	11	n.	Orkney O. Milton
Paragould	Greene	301	11	...	...	...	...	...	...	...	6.15	...	1.90	0.0	10	19	2	9	se.	W. R. Heagler
Parkin	Cross	222	4	...	...	...	...	...	...	...	10.19	...	2.75	0.0	8	16	2	12	...	Carroll King
Patterson	Woodruff	196	18	...	...	...	...	...	...	...	5.99	+1.57	2.28	0.0	7	15	8	7	sw.	W. E. Baker
Piggott	Clay	307	10	...	...	...	...	...	...	...	7.49	...	3.59	0.0	12	17	6	7	n.	V. C. Wright
Pine Bluff	Jefferson	215	47	57.5	+4.5	84	7	31	15	37	6.63	+2.51	2.23	0.0	8	16	7	7	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	41	53.0	+3.0	83	1	25	15†	48	5.76	+2.19	2.70	0.0	10	13	7	10	sw.	Benedictine Sisters
Portland	Ashley	122	28	56.2	+2.1	82	9†	29	12†	38	9.40	+5.25	4.95	0.0	8	15	9	6	nw.	W E. Edmiston
Prescott	Nevada	329	46	57.4	+3.4	85	8	30	23	39	7.79	+4.34	2.47	0.0	8	15	6	9	w.	Craig Williams
Rison	Cleveland	243	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	52.7	+3.9	83	7	25	23†	40	6.29	+3.35	2.64	6.5	8	14	3	13	sw.	Carl A. Starck
Rosebud ‡‡	White	...	1	...	...	...	...	...	...	...	4.89	...	2.30	T.	7	15	9	6	...	Miss Clarice Maddox
St. Francis	Clay	290	7	...	...	...	...	...	...	...	8.01	...	2.90	0.0	9	19	2	9	...	S. T. Rooney
Searcy	White	236	24	54.2	+3.4	82	7	27	15	39	5.86	+1.41	2.36	0.0	10	17	4	9	ne.	Arthur D. Smith
Story	Montgomery	700	10	...	...	...	...	...	...	...	6.48	...	2.05	0.0	7	14	6	10	n.	S. C. Story
Stuttgart	Arkansas	209	47	55.1	+2.9	81	7	28	15	38	8.18	+4.13	3.18	0.0	9	19	4	7	s.	Mrs. Kress Swim
Subiaco	Logan	1050	37	55.0	+2.2	78	1†	30	23	38	4.51	+1.46	1.48	T.	11	16	4	10	se.	New Subiaco Abbey
Sunset	Washington	2250	3	52.7	...	81	7	26	23†	42	7.68	...	2.46	6.0	11	14	6	10	sw.	Walter James
Texarkana	Miller	332	49	57.4	+2.2	86	10	28	23	42	7.58	+4.30	2.54	0.0	7	15	3	12	n.	H. S. Brashear
Thornburg	Perry	650	14	53.1^{a}	+2.5	87	7	20^{a}	12	49^{a}	6.07	+2.71	1.87	T.	10	20	1	9	s.	Edward E. Holmes
Waldron	Scott	675	15	...	...	...	...	...	...	...	4.59	+0.75	1.54	T.	10	9	6	15	se.	Dr. Cheves Bevill
Warren	Bradley	206	40	57.5	+3.8	85	8	31	15	36	8.74	+4.80	3.90	0.0	8	14	10	6	...	Miss Evelyn Hoyle
Waters	Montgomery	800	10	...	...	...	...	...	...	...	5.45	...	2.15	0.0	8	18	2	10	nw.	J R. Huddleston
Wilson	Mississippi	237	9	54.1	...	84	19	22	15	42	11.08	...	...	0.0	8	20	3	7	s.	D O. Anderson
Wynne	Cross	250	26	52.8	+1.4	81	7	23	16	44	8.82	+4.99	2.45	0.0	7	11	7	12	s.	R. T. Cobb
Yancopin	Desha	167	10	...	...	...	...	...	...	...	11.71	...	4.42	0.0	11	16	1	13	...	W. E. Barton
State Means				54.0	+2.4	88	7†	20	12†	50	6.89	+3.19	5.14	0.6	9	15	5	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in italics partly interpolated.

Daily Precipitation for November 1934

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita			.58																.32	1.30	1.95	.17				.13		.32		1.22		5.99
rkadelphia	Ouachita	.23		.41																.36	1.36	2.20	.27				.12		.28		1.82		7.05
rkansas City	Mississippi	1.05		.15	2.18																.47	4.12	2.72	T.			.23		1.35		.60		12.87
rlberg	White			.79																	.67	1.70					.10			*	1.64		4.90
atesville	White	.23		.82	.29									.02						.01	.14	1.70	.63	T.			.02		.14		1.51		5.51
ee Branch	Arkansas	1.00		1.10																	.67	1.75	T.				.15	.05		.35	1.00		6.07
entonville ***	Arkansas		.17	1.01													T.		T.	2.11	.71	.59	.20			.36		T.	T.	1.27	T.		6.42
ig Lake Outlet	St. Francis	.21		T.	2.69																.23	2.67	1.51	T.			T.		1.06		.37		8.74
lack Rock	White	.44		.90	.09						.04									.34	.22	2.02	.98				.09		.12		1.05		6.29
lytheville	St Francis	.22		.45	2.56																.12	4.56	3.22	.04			.05		1.22		.31		12.75
ooneville	Arkansas	.17															.01			.14	.77	1.93	T.			.22		.02		1.32	T.		4.58
rinkley	White	.49		1.33	.35																.51	2.56	.90			.20		1.29			.55		8.18
alico Rock	White	.15		.58	.28									T.							.42	1.00	.22				.10		.05		1.60		4.40
amden	Ouachita	.20		.38																	.75	2.98	.22				.38	.02	.33		2.04		7.30
arthage	Ouachita	.70		.42																	.40	2.85							.14		1.70		6.21
enter Point	Red			.83																T.	.84	2.57					.23	.11		.98			5.56
larendon	White	.82		1.85	.18										T.						.55	3.24	.86	.02			.10		.93		.53		9.08
linton	White			.85										.03						T.	.85	1.70						.19		1.70			5.32
onway	Arkansas	.21		.95																	1.25	2.50					.12			.89	1.09		7.01
orning	White				1.22														T.	.10	.25	2.80	.05				.12		.30		.45		5.29
otter	White			.40	.10																.35	.75					.15		.12		1.78		3.65
rossett	Ouachita	.63		2.26																.03	.60	3.68	.42				.15		1.17	.01	.20		9.15
anville	Arkansas	.45		97	.15																.73	1.85	.20				.15		.22		1.15		5.87
ardanelle	Arkansas	.05		.28																	.47	1.45	.32				.18		.05		1.13		3.93
eer	White		05	.70																	.50	1.20					.30	.13		.30	1.00		4.18
e Valls Bluff	White																																
umas	Mississippi	.45		3.22										T.					T.	T.	.72	5.14	.06				.15	2.60	.03	.28	.17		12.82
utton	White			.53													T.		.11	.74	.61	2.83	.18			.13	.05	.07		.38	.54		6.17
l Dorado	Ouachita	.38		1.02																T.	.55	4.80	.35				.19		.29		1.62		9.20
ngland	Arkansas			1.27																.04	.21	.74	.03				.11	.19		.99	.57		4.15
ureka Springs	White			.67																.44	1.23	1.04	.33			.12	.15	.03		1.68	.30		5.99
ayetteville	White			.91													T.			.62	2.96	1.19	.39			.14	.12	T.		.62	.68		7.63
ort Smith ***	Arkansas		.35	.49												.01	T.			3.19	1.53	.10	.01			.18		T.		.88	.01		6.75
reeman Sprgs.	Arkansas	13		.74	.06																1.35	1.39	.44	.02			.16		.10		.95		5.34
ulton	Red			.90								T.						T.	T.	.20	1.80	2.17	.16				.25		.10		1.65		7.23
eorgetown	White	.22		1.11	.23										.05					T.	.21	2.23	.63	T.			.14		.19		1.09		6.10
rannis	Red	T.	T.	.44										T.		T.			.15	.20	.45	3.94	.20			.28	.04			1.02	.10		6.82
ravette	Arkansas			1.07																1.20	.78	1.31	.50			.21	.14			.47	.30		5.98
arrison	White			.57																.31	.30	.94	.02					.16	.02	.71	.84		3.87
elena	Mississippi	1.04		.20	1.96																.65	3.90	1.50	.04			.30		1.53		.40		11.52
igden	White			1.52									.17								.95	1.05	.10							*	1.80		5.59
ighland	Ouachita			1.50																.30	.95	2.15					.13	.20		1.15			6.38
ope	Red		T.	1.28															.05		2.77	3.17				.10		.38		1.84	.03		9.62
ot Springs	Ouachita	.27	.80	.53															.05	.75	1.65	1.36				.16	T.	.15		1.73	T.		7.45
ndex	Red			1.20																.09	1.14	2.35	.07				.33		.03		1.30		6.51
essieville	Ouachita			.45																		1.65	1.18								1.65		4.93
onesboro	White	.27		.74	1.22															.07	.41	1.83	.53	.08			.07		1.25		.67		7.14
ead Hill	White			.37													T.			.51	.33	.80	.11				.10	.04		.46	1.21		3.93
ittle Rock ***	Arkansas	22	T.	.29										T.					03	.06	1.33	1.54	T.			.04		.01		1.41	T.		4.93
utherville	Arkansas	.07		85																.25	.72	1.90	.30			T.	.06	.26		.50	.82		5.73
adison	St. Francis	.50		2.00	2.00									T.	T.						.75	3.70	.75	T.			.21		1.95		.50		12.36
agnolia	Red			.70																	.83	3.20						.80		2.30			7.83
alvern	Ouachita																																
ammoth Spg	White			.30	1.00																	.90	.80				.08		.10		1.50		4.68
arianna	St. Francis	.62		3.46																		4.62	.03				.15	1.20			.35		10.43
arked Tree	St. Francis	.77		1.61	.70																.58	2.26	1.13	.09			.08		1.50		.42		9.14
arshall	White	.20		.56																	1.00	1.50	.10					.18		.20	1.80		5.54
ena	Ouachita	.01		.45	.05															T.	1.36	1.96	.25				.26	T.			1.15		5.49
orrilton	Arkansas	T.		.90	.28															T.	.80	2.12	.24				.08	T.	T.		1.89		6.31
ountain Home	White			.55																	.25	.85					.15	.12			1.70		3.62
ount Ida	Ouachita		.56	1.18																.28	.47	2.57	.07				.16	.17		.66	.68		6.80
ewport	White	.20		.64	.56									.02						.01	.22	2.38	.75	.06			.11		.14		1.06		6.15
orman	Ouachita	.10		1.50														T.	.15	.01	.70	2.25	.11				.14		.21		1.28		6.45
den	Ouachita	.26																		.05	.65	2.17	.15				.18		.12		.88		4.46
kay	Red			1.10												T.	T.			.12	1.10	2.40					.33	.12		1.01	.22		6.40
sceola	Mississippi				2.15								.04								.16	4.10	3.20				.10				.86		10.11
zark	Arkansas	.07		.33	.21															T.	.83	1.55	.23				.25		T.		.95		4.42
aragould	St. Francis	.28		1.62	.46															.10	.21	1.90	.47	T.				.10	.62		.39		6.15
arkin	St. Francis		.13	2.30	.95																.65	2.75	.96						2.10		.35		10.19
atterson	White	.12		1.38																	.40	2.82						.45		.20	.62		5.99
iggott	St. Francis	.14		1.98							.03									.05	.35	3.59	.07				.10	.80	.05	.30	.03		7.49
ine Bluff	Arkansas	.51		1.16																	.03	2.23	.62				.20		.40		1.48		6.63
ocahontas	White	.22		.88																.74	.25	2.70	.06				.10	.07		.10	.64		5.76
ortland	Ouachita	.52		2.00																	.23	4.95	.70				.17		.33		50		9.40
rescott	Ouachita			.45																.20	2.07	2.47	.23				.22	T.	.40		1.75		7.79
ison	Ouachita																																
ogers (near)	White			.85													T.			.71	2.64	.80	.10			.32				.45	.42		6.29
osebud	Arkansas	.45		.28																	.15	2.30	.45					T.		.45	.81		4.89
t. Francis	St. Francis	.78		T.	1.55															.12	.18	2.90	.98	T.			.12		1.10		.28		8.01
earcy	White	.29		1.18										.04						.05	.22	2.36					.13	.13		.77	.69		5.86
tory	Ouachita	.12		.66																	.62	2.05					.43		1.18		1.42		6.48
tuttgart	Arkansas	.62		1.64	.03										T.						.47	3.18	.60	T.			.15		.50		.99		8.18
ubiaco	Arkansas	.50	.02	.42																.17	.43	1.48	.02			.21		.08		1.04	.14		4.51
unset	Arkansas			.97															.04	.56	2.46	1.65	.43			.11	.10	.02		.62	.72		7.68
exarkana	Red			1.48																.15	1.56	2.54					.35	.05			1.45		7.58
hornburg	Arkansas	.18		.73													T.		T.	.05	.88	1.87	.03				.09	.06		1.00	1.18		6.07
aldron	Arkansas	.08		.36	.13											T.	T.			.13	.83	1.54	.03			.24		.02			1.23		4.59
arren	Ouachita	95		1.44																	.49	3.90		T.			.21	.80		.65	.30		8.74
aters	Ouachita	.20																		.55	.95	2.15	.40				.15		10		.95		5.45
ilson	Mississippi	.43			2.00																.15	*	6.85				.05		1.25		.35		11.08
ynne	St. Francis	T.		2.15											.67						.87	2.45	.87						1.14		.67		8.82
ancopin	Arkansas	.49		1.50	.25															07	.90	2.61	.79	.05			.11		4.42		.52		11.71

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
otter	White	21	3.2	3.2	3.2	3.0	2.9	3.1	3.1	3.0	3.0	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.8	3.0	3.0	6.9	8.5	7.8	6.3	5.2	5.0	4.9	5.0	
alico Rock	do	18	0.3	0.1	0.3	0.1	0.1	-0.1	0.2	0.0	0.2	0.2	0.2	0.5	0.3	0.1	-0.3	0.0	-0.1	-0.1	-0.2	0.0	0.2	0.0	6.1	6.6	6.4	5.2	4.0	3.4	3.0	3.4	
atesville	do	23	5.5	4.9	4.9	4.8	4.7	4.5	4.5	4.8	4.5	4.7	4.8	4.8	5.0	4.8	4.8	4.4	4.4	4.5	4.5	4.4	4.9	5.3	4.8	5.0	12.0	11.4	9.8	8.7	8.2	9.0	
ewport	do	26	0.6	0.8	0.7	0.7	0.7	0.6	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.2	0.2	0.2	0.2	0.3	1.2	2.5	2.1	5.5	7.4	7.0	5.8	4.8	4.5	
eorgetown	do	21	0.2	0.3	0.5	0.6	0.6	0.6	0.6	0.4	0.2	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.2	0.6	1.8	2.8	4.0	6.7	7.7	7.1	6.9	
larendon	do	26	6.7	6.8	7.1	7.2	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.0	7.0	7.0	7.1	7.1	7.2	7.2	7.1	7.1	7.4	7.5	7.4	7.5	8.0	9.0	10.0	11.7	13.2	13.9	
lack Rock	Black	14	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.8	2.0	2.0	1.7	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.3	2.0	4.3	3.5	3.2	2.9	2.8	2.7	2.7	2.6	4.5	
rkadelphia	Ouachita	17	4.2	5.2	4.4	5.1	4.1	4.1	4.2	4.3	4.2	4.3	4.9	4.4	5.1	5.1	5.6	4.8	4.8	4.2	4.1	4.4	6.0	8.5	7.8	7.1	6.3	5.2	6.1	7.3	7.2	8.2	
amden	Ouachita	26	4.1	4.0	4.1	4.2	4.3	4.2	4.0	4.0	4.0	4.2	4.3	4.3	4.5	4.4	4.4	4.7	4.9	4.6	4.4	4.2	4.0	4.2	6.8	9.4	9.4	8.8	7.4	6.0	6.1	7.5	
ulton	Red	25	6.4	6.2	6.1	5.7	5.3	5.1	4.9	4.7	4.7	4.7	4.5	4.4	4.4	4.2	4.1	4.0	4.0	4.0	4.0	4.1	4.4	8.0	13.1	15.2	15.5	14.8	15.2	14.8	13.2	12.0	
elena	Mississippi	41	4.0	4.5	4.8	5.2	5.5	5.3	5.3	5.7	6.2	7.0	7.5	8.1	9.0	9.3	9.5	9.3	8.8	8.0	7.3	6.6	6.3	7.4	8.3	8.3	9.3	11.3	12.3	13.0	13.5	14.2	
rkansas City	do	48	3.2	3.3	3.4	3.8	4.0	4.2	4.4	4.3	4.3	4.6	5.1	5.7	6.2	6.8	7.5	7.8	7.9	7.7	7.1	6.5	6.2	5.9	6.1	7.0	7.7	9.7	12.4	14.9	16.1	16.6	

Daily temperatures for November, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	62	64	67	73	70	78	81	84	84	83	62	64	71	62	63	67	74	71	68	66	66	44	57	61	64	66	54	58	43	40		65.6
	Minimum	49	40	45	39	40	40	39	51	52	50	44	33	33	47	37	36	40	50	62	58	59	43	31	30	31	35	41	36	35	37		42.1
Batesville §§	Maximum	56	64	70	69	69	75	83	74	75	71	59	59	69	54	58	66	73	71	75	74	63	52	54	56	60	66	64	55	48	42		64.1
	Minimum	39	27	29	38	44	32	33	40	37	37	30	24	25	37	20	22	24	48	61	60	59	47	31	26	26	29	49	31	31	38		35.8
Bee Branch	Maximum	80	53	66	69	69	72	80	78	75	71	66	67	70	69	57	65	68	68	69	72	69	62	54	56	59	60	59	54	48	45		65.0
	Minimum	31	35	51	39	50	37	42	48	47	51	36	31	35	40	28	33	41	58	62	59	58	41	28	29	35	44	41	37	36	35		41.3
Bentonville ***	Maximum	54	67	61	68	65	74	80	72	78	65	56	61	70	61	63	63	69	72	69	70	60	47	55	59	60	57	56	44	43	32		61.7
	Minimum	29	36	46	41	43	42	46	45	49	43	33	31	46	43	41	48	50	63	58	56	47	29	26	35	40	39	39	38	32	28		41.4
Blytheville	Maximum	77	65	71	71	69	74	81	70	76	65	54	55	64	53	62	68	..	78	77	72	70	64	50	56	72	62	64	62	51	63		66.1
	Minimum	37	30	57	43	46	37	43	50	36	44	34	27	33	31	24	28	..	52	60	58	59	45	35	30	30	49	50	42	39	39		41.0
Booneville	Maximum	79	62	65	73	72	80	85	78	84	74	65	63	75	67	65	62	73	76	71	76	69	65	57	60	62	62	61	55	44	40		67.3
	Minimum	41	40	55	38	47	37	40	47	52	50	38	31	41	39	38	43	52	64	64	58	57	40	28	35	38	40	43	41	31	34		43.4
Brinkley	Maximum	79	69	73	74	72	78	85	77	83	69	61	..	69	61	64	71	76	79	79	77	79	64	55	60	62	66	68	65	59	60		70.1
	Minimum	44	32	57	42	49	35	44	53	45	51	39	27	..	39	31	25	48	54	58	59	59	45	37	29	32	47	39	37	38	39		42.6
Calico Rock §§	Maximum	55	64	68	71	68	80	86	74	75	68	57	60	76	54	60	70	73	71	71	76	64	50	53	58	61	64	64	49	49	41		64.3
	Minimum	33	28	31	36	38	31	33	37	36	38	28	22	23	36	21	24	35	43	62	60	58	42	27	27	27	32	36	36	33	35		34.9
Camden §§	Maximum	64	67	72	75	74	77	81	83	84	84	62	63	71	63	64	71	77	75	77	73	67	48	56	62	66	63	55	59	45	42		67.3
	Minimum	55	40	46	40	42	36	36	40	50	50	38	29	29	39	32	32	32	42	59	60	59	46	30	29	29	30	38	34	33	39		39.8
Carthage §§	Maximum	60	67	71	74	72	77	81	82	83	80	60	61	71	59	62	68	74	75	75	72	65	48	54	60	63	64	58	56	45	41		65.9
	Minimum	50	36	40	39	39	36	36	49	47	47	36	28	29	42	29	30	33	38	58	59	60	47	29	28	29	35	36	32	33	37		38.9
Center Point	Maximum	78	62	65	75	78	79	85	86	88	87	72	66	69	66	62	64	77	72	70	68	67	61	59	62	66	66	57	60	..	..		70.2
	Minimum	51	43	59	36	45	37	40	50	48	47	35	31	42	50	35	40	40	61	61	55	57	38	26	44	40	39	42	31	..	..		43.7
Conway	Maximum	80	57	74	75	75	81	88	79	82	73	66	64	75	68	62	71	75	74	74	78	70	63	57	62	65	67	65	56	47	46		69.0
	Minimum	44	33	53	40	44	38	41	41	45	50	37	29	36	44	28	33	46	58	61	60	60	43	29	29	34	41	42	34	32	36		41.4
Corning	Maximum	79	61	66	76	69	74	80	70	71	65	49	56	65	57	58	64	70	73	70	70	67	61	46	56	58	63	60	59	65	60		64.6
	Minimum	35	28	58	44	49	32	43	45	36	46	34	25	36	31	22	28	37	51	51	57	59	45	35	27	30	40	42	40	44	38		39.6
Crossett §§	Maximum	67	72	74	76	74	76	81	84	85	83	63	62	70	68	63	74	77	80	78	71	67	49	56	64	69	67	64	62	57	44		69.2
	Minimum	54	45	51	43	44	39	45	50	55	55	44	32	35	34	31	33	37	43	49	52	54	48	34	31	38	43	45	37	39	39		42.6
Dardanelle	Maximum	80	56	69	73	72	78	82	78	75	73	65	60	76	70	59	63	75	73	72	75	70	61	56	59	63	61	59	54	46	44		66.6
	Minimum	42	38	53	41	50	37	41	48	46	49	37	29	38	47	32	37	45	62	63	60	59	42	30	31	38	46	41	40	33	35		43.0
Deer	Maximum	71	53	52	63	62	72	79	68	77	65	..	59	66	60	54	67	64	62	..	67	61	54	51	..	55	59	49	46	38	32		59.5
	Minimum	29	34	46	44	44	49	56	53	48	49	..	33	43	36	36	43	57	57	..	54	53	30	25	..	36	40	41	35	31	26		41.8
Dumas	Maximum	76	63	74	77	78	72	84	84	84	78	68	61	74	63	65	71	70	80	80	71	79	61	55	66	69	66	68	62	52	57		70.3
	Minimum	48	37	57	44	45	38	46	55	50	45	38	31	34	45	27	29	38	45	48	62	59	44	39	32	33	48	45	38	39	40		42.6
Dutton	Maximum	63	57	62	69	66	77	85	78	78	70	59	65	68	63	63	66	71	67	66	71	64	56	59	58	59	64	52	49	43	34		63.4
	Minimum	27	31	41	29	37	28	36	37	40	51	27	20	32	35	30	39	41	58	57	53	52	29	20	24	32	38	32	33	30	25		35.5
El Dorado	Maximum	81	82	73	77	74	79	82	85	86	84	75	65	72	66	64	74	78	78	77	77	69	64	52	65	68	67	67	61	51	47		71.3
	Minimum	55	46	62	44	49	43	50	57	58	57	45	36	39	50	37	38	49	59	59	61	60	45	35	34	34	42	43	36	38	40		46.7
England	Maximum	77	58	73	73	70	78	85	82	81	71	60	72	64	..	65	71	76	75	78	78	69	62	54	63	66	68	63	57	47	48		68.4
	Minimum	46	33	54	42	50	38	42	52	45	53	40	30	42	..	26	29	44	55	56	62	58	44	32	29	32	47	38	35	36	39		42.4
Eureka Springs	Maximum	59	64	62	69	67	74	83	76	81	74	58	65	71	65	61	69	71	72	71	71	65	54	57	62	62	60	58	51	43	32		64.2
	Minimum	31	36	47	44	43	49	57	50	47	51	32	31	46	41	38	46	54	62	60	56	54	32	26	34	38	39	37	38	31	28		42.6
Fayetteville	Maximum	71	68	62	67	64	72	79	73	78	74	59	61	70	66	62	65	69	73	71	69	66	57	56	57	59	60	56	51	44	35		63.8
	Minimum	30	35	47	42	41	40	51	46	52	50	31	28	46	46	41	45	54	64	61	56	54	33	26	34	44	39	42	38	32	29		42.6
Fort Smith***	Maximum	58	60	63	73	70	76	78	76	76	72	60	60	71	59	57	61	72	76	70	73	63	40	53	60	59	60	59	46	45	37		62.8
	Minimum	40	42	49	43	50	42	46	51	54	50	41	37	44	47	40	45	54	65	58	57	52	35	31	37	42	43	44	42	35	32		44.9
Gravette	Maximum	70	67	63	69	64	74	81	77	80	70	60	63	71	67	64	62	69	72	70	68	66	57	53	59	59	58	57	51	43	34		63.9
	Minimum	29	35	49	37	39	38	46	44	48	49	28	32	43	45	41	46	51	62	57	56	53	31	23	36	41	37	41	36	32	28		41.1
Harrison	Maximum	67	60	66	66	64	74	82	69	74	64	56	56	71	64	57	68	71	74	74	72	66	58	50	52	60	57	57	53	46	38		62.9
	Minimum	31	33	50	41	46	35	56	50	43	49	35	25	38	39	34	40	43	55	61	59	57	35	25	36	35	46	40	40	37	31		41.5
Helena	Maximum	75	61	74	73	70	77	84	78	82	68	58	61	67	59	65	69	74	79	78	76	70	64	55	59	63	65	66	64	58	64		68.5
	Minimum	41	37	56	43	45	37	46	54	49	47	40	28	35	41	30	37	46	57	59	56	60	45	36	31	32	49	50	40	39	40		43.5
Hope	Maximum	78	72	68	75	72	..	..	..	..	82	63	64	70	65	65	77	80	75	74	72	69	60	60	65	68	74	67	62	56	42		68.3
	Minimum	54	42	57	42	49	..	..	..	..	44	43	33	42	47	36	38	49	60	61	65	54	43	30	32	34	44	38	36	39	35		44.1
Hot Springs	Maximum	77	70	79	76	73	78	85	83	85	88	65	64	75	66	63	66	74	72	72	71	71	69	60	68	66	67	69	59	55	44		70.3
	Minimum	42	42	41	43	50	44	52	58	56	59	39	35	38	47	36	39	52	63	62	58	59	41	30	32	38	46	41	37	36	36		45.1
Jonesboro	Maximum	76	59	68	79	67	72	79	69	74	66	56	55	64	57	56	66	70	73	73	69	66	60	51	52	59	60	59	57	48	57		63.9
	Minimum	37	30	54	44	51	40	48	52	39	52	36	28	36	31	26	27	39	51	58	55	58	40	34	30	32	46	42	38	37	37		40.9
Lead Hill	Maximum	67	60	66	71	65	77	83	73	75	67	59	64	71	56	56	70	75	77	71	77	68	60	57	60	62	64	63	54	48	43		65.3
	Minimum	29	27	52	36	44	31	37	39	37	43	26	21	31	36	27	37	42	66	62	60	57	36	25	24	29	44	33	40	38	33		38.1
Little Rock.* **	Maximum	65	62	70	71	68	74	81	75	77	67	57	57	71	58	57	65	72	74	74	73	64	55	52	57	60	61	61	50	45	41		63.8
	Minimum	44	38	54	45	49	43	47	56	49	53	42	36	40	41	34	39	48	60	60	62	55	41	34	35	38	48	46	38	38	35		44.9
Lutherville	Maximum	80	53	62	70	75	72	81	77	78	71	62	61	70	65	59	66	71	74	69	72	68	60	51	53	60	61	55	53	45	41		64.5
	Minimum	37	36	49	40	49	40	48	52	48	55	39	32	41	45	35	41	42	62	62	58	58	38	27	33	39	36	43	40	36	33		43.2
Magnolia	Maximum	..	74	70	78	76	80	83	87	86	85	81	66	71	67	66	75	79	80	78	77	70	63	59	65	68	68	69	62	54	42		71.7
	Minimum	..	45	60	41	45	39	46	59	57	52	47	36	40	50	37	40	50	59	62	62	59	43	33	34	36	42	43	34	39	40		45.9
Mammoth Spring	Maximum	69	56	65	66	70	76	81	76	74	70	63	54	71	64	56	66	72	71	73	74	70	68	51	52	56	65	57	53	51	40		64.3
	Minimum	35	30	53	40	38	34	38	37	39	42	34	25	34	34	22	27	34	38	45	52	51	41	28	27	30	44	37	35	37	32		36.4
Marianna	Maximum	76	60	72	70	70	74	80	75	76	68	57	57	66	59	61	66	71	77	77	74	70	65	50	59	62	62	66	62	64	64		67.0
	Minimum	46	34	59	46	46	40	48	56	47	54	30	28	34	41	25	28	42	54	54	60	61	45	38	31	33	33	46	41	40	40		42.7
Marked Tree §§	Maximum	56	66	70	71	68	75	81	75	78	74	65	58	66	55	62	66	71	77	77	74	64	57	52	58	62	61	65	61	63	42		65.7
	Minimum	41	31	31	43	43	34	34	45	39	38	40	26	26	34	24	25	26	43	59	57	60	51	36	28	28	33	44	41	37	38		37.8
Marshall	Maximum	81	56	66	69	66	77	85	80	80	77	66	59	72	69	62	68	72	72	66	71	72	60	58	57	58	62	59	52	45	42		66.0
	Minimum	31	34	49	35	45	32	42	42	45	45	27	21	43	37	32	40	50	59	60	62	55	35	24	23	24	43	41	36	30	32		39.1
Mena	Maximum	74	70	62	71	68	74	80	81	81	80	60	64	65	62	57	67	70	71	67	67	63	54	60	59	62	64	56	52	42	37		64.7
	Minimum	44	40	50	39	49	40	50	53	48	56	38	36	42	49	38	39	51	63	56	56	54	36	28	31	37	37	39	33	32	32		43.2
Morrilton §§	Maximum	54	61	68	68	66	74	79	73	72	66	58	56	70	51	52	62	65	67	65	65	64	49	53	58	61	60	60	50	47	44		61.3
	Minimum	44	36	38	43	49	39	41	47	47	47	43	32	35	40	31	32	35	53	59	54	56	45	34	32	35	37	42	41	34	37		41.3
Mountain Home	Maximum	66	58	70	71	80	87	72	68	78	68	58	60	76	63	58	71	74	73	70	75	66	60	54	59	60	64	63	52	50	46		65.7
	Minimum	30	31	53	37	34	42	48	43	40	50	32	24	35	35	27	34	41	55	63	59	57	36	24	26	32	38	40	35	35	33		39.0
Mount Ida	Maximum	78	78	68	72	72	79	84	82	85	81	66	63	72	62	60	64	72	77	69	68	68	62	59	60	63	66	57	57	51	42		67.7
	Minimum	31	45	50	33	40	31	35	42	46	44	29	25	32	42	29	32	43	62	62	56	57	39	25	23	26	36	29	29	28	35		37.9
Newport	Maximum	79	60	71	71	69	75	76	72	75	67	60	59	65	64	59	67	71	76	76	75	67	63	52	58	62	65	23	59	51	49		65.9
	Minimum	41	31	55	41	47	35	44	48	42	51	39	28	33	37	23	25	42	52	50	50	60	44	34	28	31	46	45	38	35	39		40.5
Okay	Maximum	82	71	70	76	75	79	83	82	84	88	74	65	72	68	62	66	78	75	71	76	70	62	62	62	67	66	64	59	56	44		70.3
	Minimum	54	41	58	36	40	33	38	40	45	45	35	33	32	45	37	38	50	60	60	50	57	38	26	30	33	38	37	31	37	36		41.1
Ozark §§	Maximum	64	60	61	70	70	72	76	77	75	74	62	60	71	57	57	61	71	76	69	77	64	45	53	57	60	60	57	46	45	36		62.8
	Minimum	37	37	43	39	39	37	38	38	47	50	34	31	31	40	39	39	45	54	53	57	59	43	28	28	39	43	43	41	34	35		40.7
Pine Bluff	Maximum	76	61	75	76	72	79	84	80	82	73	62	62	71	61	63	72	77	78	79	78	72	62	53	61	66	76	66	58	48	47		69.0
	Minimum	50	40	57	46	52	42	51	59	50	50	44	35	40	47	31	43	46	58	60	63	60	44	35	33	35	47	45	38	40	40		46.0
Pocahontas	Maximum	83	60	65	72	70	79	75	74	71	69	64	59	70	65	58	66	70	72	75	74	71	63	52	57	58	64	60	60	51	60		66.2
	Minimum	35	28	55	40	54	44	46	44	38	48	34	27	31	32	25	25	37	48	59	56	59	43	33	28	31	41	40	35	39	35		39.7
Portland	Maximum	75	70	73	74	71	74	78	80	82	82	69	59	67	60	60	70	78	82	80	73	69	64	53	60	65	63	71	60	51	49		68.7
	Minimum	53	40	61	43	46	38	44	50	51	53	41	29	32	45	29	32	40	55	56	62	58	45	36	32	32	47	43	38	41	40		43.7
Prescott	Maximum	83	71	70	77	75	79	83	85	84	84	70	69	73	67	60	71	78	75	75	71	69	67	58	63	67	66	61	59	56	52		70.6
	Minimum	54	41	58	41	48	40	45	53	53	54	40	34	39	38	35	38	47	59	59	58	59	43	30	31	34	46	40	34	38	36		44.2
Searcy	Maximum	76	65	72	70	71	76	82	75	76	70	59	59	71	62	58	66	73	73	76	74	68	62	53	58	62	62	63	57	49	47		66.2
	Minimum	42	33	57	41	49	38	43	49	46	52	38	32	37	38	27	31	44	56	58	59	58	40	31	30	36	46	44	37	36	36		42.1
Stuttgart	Maximum	79	59	72	73	69	74	81	78	76	70	59	59	67	62	61	69	75	79	77	75	69	63	51	59	63	62	62	60	54	56		67.1
	Minimum	45	36	54	42	47	39	46	55	46	52	39	32	35	42	28	31	42	53	56	60	58	46	33	33	37	46	44	37	38	40		43.1
Subiaco	Maximum	78	58	66	71	68	73	76	74	74	71	69	61	73	62	60	62	73	77	72	78	68	62	56	61	63	61	59	55	49	39		65.6
	Minimum	40	38	52	02	51	40	47	50	49	52	38	34	40	48	56	41	49	64	63	59	57	39	30	33	40	43	43	41	35	34		44.3
Sunset	Maximum	72	59	58	65	61	73	81	80	79	65	56	63	69	63	65	64	66	66	64	66	63	64	56	54	55	60	51	47	39	32		61.9
	Minimum	30	40	44	44	41	49	56	54	55	52	34	37	44	51	46	47	52	69	58	53	53	29	26	38	41	36	45	33	32	26		43.5
Texarkana	Maximum	80	75	70	75	77	80	84	85	85	86	70	68	72	68	63	68	79	78	76	78	70	63	61	64	68	68	61	60	48	41		70.7
	Minimum	55	44	59	41	41	38	45	51	52	51	45	39	39	48	39	40	50	60	60	56	56	40	28	32	35	38	39	30	35	35		44.0
Thornburg	Maximum	75	58	73	72	73	78	87	81	83	70	61	69	74	62	63	66	72	72	70	73	67	61	57	63	62	65	57	52	43	44		66.8
	Minimum	42	32	52	34	46	31	39	55	58	..	25	20	42	34	25	29	48	61	61	57	58	39	29	24	28	42	35	36	27	35		39.4
Wilson	Maximum	77	65	71	69	71	74	81	76	78	68	56	56	64	63	61	68	71	74	84	73	68	64	57	56	60	62	61	65	60	61		67.1
	Minimum	39	29	57	50	43	38	44	50	38	47	38	26	32	32	22	26	42	56	52	57	59	45	36	29	30	48	52	41	41	35		41.1
Wynne	Maximum	78	60	69	71	68	74	81	74	76	65	54	53	66	64	63	67	72	78	78	76	68	58	52	56	61	61	64	60	54	62		66.1
	Minimum	40	44	52	41	45	35	44	49	45	43	33	24	30	30	24	23	44	51	60	56	56	40	33	29	30	34	39	37	34	37		39.4

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 12-28-34-100

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

ol. XXXIX LITTLE ROCK, ARK., DECEMBER, 1934 No. 12

GENERAL SUMMARY

Temperatures were mostly below normal the first half of ecember, while they were generally above the latter half except for four or five days. Departures were from 12° to 16° low normal on the 7th and 8th and from 17° to 21° below the 11th, when nearly all stations had the coldest weather the month. The average temperature for the State, based the reports of 61 stations, was 41.5° which is 1.2° below e mean for the past 44 years. Of the stations for which rmals have been computed, only 8 had positive departures. onthly means ranged from 35.4° at Deer in the Ozarks to .8° at Magnolia in a southern border county. The highest mperature recorded was 74° at Portland on the 24th; the west, 4° at Dutton on the 11th. The greatest daily range as 48° at Camden and Okay on the 13th.

Rainfall was heavy to excessive in most sections on the 2d 3d and moderate to heavy from the 17th to the 19th, while was generally light to moderate from the 24th to the 31st. ost stations had five rainy days after the 24th and a few reorted rain every day but amounts exceeding one inch occurred only a few stations in the southeastern portion. Snow fell the 7th, 10th, and the night of the 18th-19th but measureble amounts were reported from only 20 stations. The greatt depth for the month was 2.3 inches at Eureka Springs, and e average depth for the State for the 91 stations was 0.2 inch. he average precipitation for the State for the 91 stations reorting was 3.78 inches which is 0.51 inch below the mean for e past 44 years. Monthly amounts ranged from 0.95 inch Bentonville to 6.85 inches at England. The northwestern ortion of the State received less than 2.00 inches of rainfall, hile central and south-central sections had from 5.00 inches over 6.00 inches. The greatest amount measured in any 24our period was 2.81 inches at Arkadelphia on the 3d. The verage number of rainy days was 9.

The weather was favorable for out-door work the first half of he month but generally unfavorable the latter half because of he cloudy, rainy weather. Wheat, oats, and other winter rops were in good to excellent condition at the close of the onth except that oats were frozen down in some portions dur ng the cold weather the first half of the month. Some plowng was done but the soil was too wet most of the time in most ections.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog		1					2			1						4		2				1	1	3	6	1	4	20	20	16	7
Light Hail																									1						
Moderate Hail																															
Heavy Hail																															
Thunderstorms		6	3						1									5						1	13	4	2	1			2

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 12	30.56	11	29.70	18	7.2	20	s	15	..	..	..	50
Fort Smith	30.16	30.53	4	29.75	18	8.6	22	w	3	81	65	67	49
Little Rock	30.18	30.62	11	29.73	18	8.1	24	sw	12	79	64	67	47
Memphis	30.17	30.61	11	29.63	19	8.1	26	n	26	78	66	69	40

COMPARATIVE DATA FOR DECEMBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	+4.2	72	13	4.69	+0.40	7 50	1.48	....	7	14	7	10
1892	40.9	−1.8	83	−10	8.79	+4.50	16.44	3.17	0.7	10	7	6	18
1893	45.4	+2.7	79	3	1.83	−2.46	3.48	0.65	T.	5	14	8	9
1894	44.6	+1.9	82	−11	3.48	−0.81	7.15	1 45	1.3	6	14	6	11
1895	43.8	+1.1	78	5	3.96	−0.33	10.04	1.10	1.4	7	13	6	12
1896	45.8	+3.1	81	8	0.84	−3.45	2.75	0.15	T.	8	8	7	16
1897	40.3	−2.4	81	10	6.00	+1.71	9.12	2.74	2.2	8	10	5	16
1898	39.5	−3.2	76	− 4	1.87	−2.42	3.68	0.56	2.9	5	16	6	9
1899	41.0	−1.7	74	8	4.08	−0.21	6.46	1.20	1.3	7	15	7	9
1900	44.9	+2.2	82	10	2.76	−1.53	8.28	0.46	T.	5	16	6	9
1901	38.5	−4.2	87	− 6	4.42	+0.13	6.26	0.99	1.3	6	12	6	13
1902	40 8	−1.9	75	5	5.71	+1.42	10.20	2.80	3.3	8	10	6	15
1903	39.7	−3.0	74	6	3.44	−0.85	6.58	1.08	0.7	6	18	5	8
1904	42.9	+0.2	80	3	5.10	+0.81	10 93	0.55	0.6	7	12	7	12
1905	38.5	−4.2	69	7	4.96	+0.67	7.80	1.70	1.4	9	14	5	12
1906	46.5	+3.8	83	10	5.64	+1.35	9.76	1.15	0.2	8	8	7	16
1907	44.4	+1.7	85	11	2.70	−1.59	4.62	1.35	0 7	7	12	6	13
1908	46.0	+3.3	82	11	1.50	−2.79	5.30	0.09	0.2	5	13	7	11
1909	35.3	−7.4	82	1	5.26	+0.97	9.35	1.93	3 2	9	14	6	11
1910	40.8	−1.9	75	9	3.57	−0.72	6.00	0.59	0.8	6	13	6	12
1911	43.0	+0.3	78	3	7.00	+2.71	15.51	2.38	1.0	12	10	7	14
1912	41.7	−1.0	76	8	2.63	−1.66	6.49	0.05	1.2	7	14	7	10
1913	43.6	+0.9	77	14	3.26	−1.03	5.89	1.63	2.3	9	7	7	17
1914	36.1	−6.6	70	−11	6.26	+1.97	9.48	2.60	4.3	12	8	4	19
1915	43.9	+1.2	78	11	4.73	+0.44	9.60	1.97	0.3	7	12	4	15
1916	42.1	−0.6	82	−16	3.35	−0.94	7.13	0.90	4.5	6	14	6	11
1917	34.8	−7.9	81	−21	1.29	−3.00	2.75	0.20	6.2	3	13	6	12
1918	47.6	+4.9	88	9	5.62	+1.33	12.90	1.68	0.2	7	14	5	12
1919	40.4	−2.3	78	1	1.94	−2.35	6.94	0.06	T.	5	13	4	14
1920	43.2	+0.5	74	6	5.95	+1.66	9.19	2.14	0.4	8	13	5	13
1921	47.1	+4.4	82	11	2.78	−1.51	5.16	1.35	T	6	13	6	12
1922	47.8	+5.1	86	12	4.59	+0.30	8.28	1.00	T.	9	12	5	14
1923	49.1	+6.4	80	9	6.24	+1.95	11.80	3.38	T.	13	9	5	17
1924	41.4	−1.3	86	− 8	3.65	−0.64	5.85	1.00	0.3	6	14	5	12
1925	40.2	−2.5	81	− 6	1.71	−2.58	5.10	0.13	0.3	8	15	5	11
1926	43.3	+0.6	79	− 3	7.15	+2 86	12.43	2.53	2.1	10	11	4	16
1927	40.9	−1.8	84	− 2	4.18	−0.11	10.42	1.18	0.1	6	14	5	12
1928	43.4	+0.7	87	10	4.41	+0.12	8.34	1.67	T.	6	18	5	8
1929	44.4	+1.7	82	− 5	3.84	−0.45	5.88	1.51	2.7	8	13	5	13
1930	40.6	−2 1	83	9	2.58	−1.71	5.31	0.95	0 9	6	15	5	11
1931	48.7	+6.0	78	17	7.79	+3.50	23.86	0.52	T.	14	9	5	17
1932	39.9	−2.8	79	− 5	7.86	+3.57	13.57	3.97	3.6	12	11	4	16
1933	49.3	+6.6	83	11	5.41	+1.12	12.01	1 80	0.1	7	12	5	14
1934	41.5	−1.2	74	4	3.78	−0.51	6.85	0 95	0.2	9	12	6	13
Period	42.7	....	88	−21	4.29	......	23.86	0.05	1.2	8	12	6	13

Daily River Stages for December, 1934

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith or an Buren	Arkansas	22	12.1	11.3	10.7	10.2	9.7	9.0	8.4	8.0	7.4	7.0	6.6	6.4	6.1	5.9	5.7	5.5	5.6	5.4	5.6	6.0	5.6	5.6	5.8	6.0	5.8	5.8	5.6	5.5	5.4	5.3	5.3
zark	do	22	8.5	7.6	7.0	6.3	5.7	5.2	4.5	4.1	3.6	3.3	3.0	2.6	2.3	2.1	1.8	1.7	1.4	1.3	1.6	2.2	2.3	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.6	1.6	1.4
ardanelle	do	22	11.7	10.9	10.5	9.4	8.7	8.2	7 6	7.1	6.6	6.2	5.9	5.6	5 3	5.1	4.9	4.8	4.6	4.6	4.5	4.6	5.0	5.1	4.9	4.9	4.9	4.9	4.8	4.7	4.6	4.5	4 5
orrilton	do	20	9.0	8.8	8.2	7.5	6.7	7.0	5.3	4.5	3.9	3.4	2.9	2.5	2.2	1.8	1.6	1.4	1.2	1.0	1.0	1.0	1.3	1.7	1.6	1.4	1.4	1.4	1.4	1.2	1 1	1.0	0 9
ittle Rock	do	23	8.9	9.0	8.8	8.3	7.7	6.7	5.9	4.9	4.0	3.4	2.9	2.4	2.0	1.6	1.2	1.0	0.9	0.7	0.6	0.6	0.7	1.1	1.3	1.2	1.0	1.1	1.2	1.2	1.0	1.0	0.9
ine Bluff	do	25	13.2	12.9	13.1	12.8	12.3	11.7	10.9	10.0	9.3	8.6	7.7	7.5	6.9	6.4	6.0	5.6	5.4	5.2	5.0	5.0	4.9	4.9	5.4	5.5	5.4	5.3	5.2	5.4	5.4	5.3	5.2
anville	Petit Jean	20	9.8	11.2	13.2	14.0	10.4	8.6	6.8	6.2	5.3	5.0	4.6	4.2	4.0	3.9	3.8	3.4	3.4	3.4	4.0	4.0	4.2	4.2	4.0	4.0	3.6	3.6	3.6	3.6	3.6	3.2	3.2

Climatological Data for December, 1934

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	39	40.6	-2.4	66	13	11	12	46	5.13	+1.08	1.74	0.0	10	5	14	12	w.	J. W. Campbell
Arkadelphia	Clark	250	39	...	...	...	...	...	...	...	6.78	+1.90	2.81	0.0	10	15	3	13	nw.	W. K. Bown
Arkansas City	Desha	145	50	...	...	...	...	...	...	...	4.62	-0.38	1.80	0.0	8	16	1	14	...	Herbert Neff
Arlberg	Stone	700	12	...	...	...	...	...	...	...	2.68	-1.84	1.02	0.8	9	.	..	..	...	J. D. Reeves
Batesville	Independence	277	35	37.0	-3.2	61	23	13	11	39	2.55	-1.14	1.25	1.3	10	15	1	15	nw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	42	40.6	-1.4	58	16	13	11	32	3.46	-0.42	0.85	T.	12	10	9	12	s.	J. E. Scanlan
Bentonville	Benton	1303	29	37.3	-0.7	57	28	10	11	26	0.95	-1.42	0.73	0.5	6	8	10	13	sw	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	4	...	...	...	...	...	...	...	3.55	...	0.98	T.	8	8	8	15	...	C. J. Brooks
Black Rock	Lawrence	259	33	...	...	...	...	...	...	...	3.14	-0.58	1.18	1.6	12	13	0	18	s.	Vernon C. Howe
Blytheville	Mississippi	252	9	40.0	...	60	23	15	11	33	3.69	...	1.12	0.5	10	15	4	12	sw.	Samuel Norris
Booneville	Logan	465	20	42.4	-1.4	65	15†	14	11	41	1.42	-1.74	0.45	0.0	7	14	6	11	w.	F. H. Randolph
Brinkley	Monroe	205	47	42.8	-0.8	65	15	15	11	39	3.88	-0.98	1.60	T.	6	17	2	12	sw.	R. J Torry
Calico Rock	Izard	361	30	37.2	-1.9	61	24	10	11†	46	2.15	-1.07	0.91	0.9	9	12	3	16	nw.	E. R. Wiseman
Camden	Ouachita	158	49	42.5	-2.5	67	16	15	12	48	5.68	+1.00	1.68	0.0	9	13	8	10	se.	J M. Knight
Carthage	Dallas	297	29	40.9	...	65	15†	16	11†	41	6.51	+1.31	1.75	0.0	9	12	7	12	n.	P. K. Wylie
Center Point	Howard	470	35	44.2	-0.7	70	13	13	11	45	5.68	+1.30	1.40	0.0	12	15	4	12	s.	John C. Floyd
Clarendon	Monroe	172	50	...	...	...	...	...	...	...	4.74	-0.26	1.45	0.0	10	11	2	18	s.	J. W. Bishop
Clinton	Van Buren	516	13	...	...	...	...	...	...	...	3.24	-1.06	1.31	0.0	7	8	7	16	sw.	A L. Stephens
Conway	Faulkner	309	51	43.0	+0.5	66	13	15	11	40	5.08	+1.02	1.04	0.0	10	12	3	16	s.	E. E Cordrey
Corning	Clay	293	41	37.8	-2.0	56	2†	13	11	29	2.31	-1.30	0.92	2.0	5	12	5	14	w.	Winfred D. Polk
Cotter	Baxter	408	7	...	...	...	...	...	...	...	1.88	...	0.95	1.0	6	10	7	14	...	O. B. McSpadden
Crossett	Ashley	175	22	45.4	-1.8	71	24	18	11†	45	4.91	+0.69	2.16	0.0	6	12	3	16	ne	G. A Gifford
Danville	Yell	327	18	...	...	...	...	...	...	...	2.61	-0.69	1.22	0.0	7	11	7	13	...	J. M. Patterson
Dardanelle	Yell	330	48	41.8	-1.0	65	13	16	11	40	2.65	-0.64	1.35	0.0	9	13	8	10	e.	Geo. N. Goodier
Deer	Newton	2200	1	35.4^{f}	...	56^{f}	24	6^{f}	11	30^{f}	1.78	...	1.01	2.0	4	14^{f}	0^{f}	11^{f}	...	Mrs. J. M. Essex
De Valls Bluff	Prairie	153	7	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	Mrs. Frank O'Rourke
Dumas	Desha	162	29	46.2	-0.4	72	24	17	11	38	6.78	+1.15	1.57	0.0	12	10	8	13	n.	Ben Johnson
Dutton	Madison	1590	31	37.6	+0.4	61	17	4	11	45	1.94	-1.74	1.07	T.	9	13	11	7	n.	J. M. Ricketts
El Dorado	Union	270	34	47.6	+1.2	72	24	21	11†	34	3.84	-1.77	1.32	0.0	8	12	6	13	nw.	J. J. Babb
England	Lonoke	229	27	43.2	-0.8	63	24	20	12	32	6.85	+2.20	2.34	0.0	14	18	2	11	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	34	39.2	-0.4	66	28	8	11	33	1.62	-1.21	1.00	2.3	8	15	4	12	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	47	39.4	-0.2	59	28	11	11	31	1.15	-1.60	1.03	T.	6	9	10	12	sw.	University of Arkansas
Fort Smith	Sebastian	457	53	41.0	-1.1	62	22	19	11	31	1.06	-1.70	0.81	T.	8	10	9	12	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	10	...	...	...	...	...	...	...	1.94	...	0.85	T.	9	11	9	11	sw.	R. J. McCuiston
Fulton	Hempstead	260	49	...	...	...	...	...	...	...	4.81	+1.16	2.18	0.0	8	10	8	13	...	T. J. Logan
Georgetown	White	200	22	...	...	...	...	...	...	...	4.27	+0.03	1.62	0.0	10	13	5	13	...	Mrs. W. R. Owens
Grannis	Polk	900	15	42.6	-2.2	70	13	12	11	45	4.79	+0.17	1.08	0.0	12	15	4	12	e.	W. E. McVay
Gravette	Benton	1250	37	37.8	-0.1	57	15†	10	11	37	1.09	-1.25	0.65	0.0	6	16	10	5	sw.	Max W. Schmidt
Harrison	Boone	1052	34	38.0	+0.2	67	28	10	11	35	1.73	-0.88	1.01	T.	9	17	4	10	sw.	Louis R. Keck
Helena	Phillips	250	62	43.4	-1.1	68	24	14	11	30	4.74	-0.22	1.58	T.	9	11	6	14	ne.	James A. Burnett
Higden	Cleburne	445	15	...	...	...	...	...	...	...	3.24	-0.61	1.27	T.	9	11	2	18	nw.	Trumon Brown
Highland	Pike	600	15	45.7	...	71	13	16	11	42	6.80	+3.48	1.95	0.0	10	6	12	13	se	J. O. Cooley
Hope	Hempstead	377	64	47.4	+0.4	71	13	19	11	40	5.97	+1.56	2.20	0.0	8	17	3	11	...	N. P. O'Neal
Hot Springs	Garland	600	43	44.4	+0.4	67	13	15	11	29	6.81	+2.42	1.65	0.0	14	12	7	12	sw.	National Park Service
Index	Little River	275	9	...	...	...	...	...	...	...	3.65	...	1.60	0.0	9	13	2	16	...	H. C. Sanderson
Jessieville	Garland	750	8	...	...	...	...	...	...	...	3.05	...	1.80	0.0	2	9	7	15	sw.	U. S. Forest Service
Jonesboro	Craighead	345	39	38.2	-3.1	57	23	13	11	30	3.45	-0.92	1.46	T.	11	15	8	8	sw.	Benedictine Sisters
Lead Hill	Boone	650	28	38.0	-1.8	72	28	8	11	38	1.63	-1.54	1.00	0.5	10	16	5	10	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	55	42.2	-2.0	62	15	17	11	29	5.90	+1.76	1.94	T.	10	9	8	14	sw.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	35	40.8	-0.4	62	13	12	11	30	3.36	-0.54	1.50	T.	9	11	6	14	sw.	H. G. Lenhardt
Madison	St. Francis	209	4	...	...	...	...	...	...	...	5.00	...	1.32	T.	8	13	1	17	...	J. W. Eppes
Magnolia	Columbia	315	18	47.8	-0.6	69	23	20	11	35	4.69	-0.12	1.18	0.0	8	10	9	12	sw.	State Agri. School
Malvern	Hot Springs	277	48	...	...	...	...	..	...	..	...	...	...	...	..	..	..	..	...	
Mammoth Spring	Fulton	600	30	37.6	-1.6	54	1†	12	11	35	2.80	-0.48	0.90	0.4	9	11	7	13	se.	S. F. Whittaker
Marianna	Lee	235	23	42.8	-0.4	64	23†	16	11	34	5.95	+1.70	1.94	0.0	13	9	8	14	n.	C. N. Houck
Marked Tree	Poinsett	229	30	38.4	-2.8	61	23	15	11	36	3.56	-0.86	1.37	T.	10	8	11	12	n.	Charles Walton
Marshall	Searcy	1070	20	39.6	-2.5	64	22	7	11	34	1.82	-1.89	0.62	2.0	9	13	3	15	s.	A. J. Parks
Mena	Polk	1207	46	42.2	-0.4	65	24	14	11	30	3.00	-0.81	1.14	0.0	12	12	8	11	ne.	E. W. St. John
Morrilton	Conway	347	15	39.9	-4.1	62	15	17	11†	38	2.77	-0.64	1.16	0.0	9	12	4	15	e.	Miss Ruby Cook
Mountain Home	Baxter	800	22	37.8	-2.6	64	28	9	11	43	1.20	-2.50	0.40	0.8	10	10	4	17	s.	B. S. Halbert
Mount Ida	Montgomery	650	35	41.9	-1.0	67	13	10	11	45	4.31	+0.29	1.03	0.0	10	14	5	12	w.	G. A. Whittington
Newport	Jackson	231	51	41.0	-1.2	58	16†	15	11	30	3.96	-0.10	1.58	0.5	13	10	7	14	n.	J. D. Henderson
Norman	Montgomery	750	6	...	...	...	...	...	...	...	5.06	...	1.15	0.0	9	13	4	14	...	U. S. Forest Service
Oden	Montgomery	800	8	...	...	...	...	...	...	...	3.86	...	1.11	0.0	9	10	6	15	sw.	U. S. Forest Service
Okay	Howard	288	5	44.0^{g}	...	69^{g}	13	12^{g}	11	48^{g}	4.28	...	1.27	0.0	10	11^{g}	7^{g}	6^{g}	...	Charles R. Jackson
Osceola	Mississippi	240	38	41.7	-1.2	62	16†	15	11	32	2.89	-1.39	1.12	0.0	6	10	6	15	n.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	39	39.3	-1.9	60	13	15	11†	43	1.27	-2.22	0.78	0.0	10	13	1	17	se.	Orkney O. Milton
Paragould	Greene	301	11	...	...	...	...	...	...	...	4.73	...	1.11	0.0	10	14	6	11	ne.	W. R. Heagler
Parkin	Cross	222	4	...	...	...	...	...	...	...	4.71	...	1.33	T.	8	10	4	17	...	Carroll King
Patterson	Woodruff	196	18	...	...	...	...	...	...	...	5.89	+1.78	1.82	T.	10	8	12	11	sw.	W. E. Baker
Piggott	Clay	307	10	...	...	...	...	...	...	...	3.29	...	0.80	0.5	11	10	6	15	ne.	V. C. Wright
Pine Bluff	Jefferson	215	47	44.8	-0.1	66	15†	18	11	34	4.99	-0.08	1.42	0.0	9	9	8	14	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	41	38.4	-1.7	60	23	15	8	30	3.21	-0.49	0.98	0.4	9	9	3	19	ne.	Benedictine Sisters
Portland	Ashley	122	28	47.0	-0.5	74	24	18	12	41	4.99	-0.60	1.63	0.0	8	17	5	9	n.	W E. Edmiston
Prescott	Nevada	329	46	45.5	-0.1	67	15	18	11†	36	4.90	+0.54	2.08	0.0	10	11	8	12	w.	Craig Williams
Quitman	Cleburne	...	1	...	...	...	...	...	...	...	2.74	...	1.39	T.	5	14	4	13	...	G. M. Hooten
Rison	Cleveland	243	34	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	44	39.4	+0.6	70	25	15	8	44	1.06	-1.36	0.88	1.0	4	9	6	16	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	...	1	...	...	...	...	...	...	...	5.39	...	1.33	T.	9	9	9	13	s.	Miss Clarice Maddox
St. Francis	Clay	290	7	...	...	...	...	...	...	...	3.42	...	1.18	0.5	10	11	5	15	...	S. T. Rooney
Searcy	White	236	24	41.2	-1.6	59	13	14	11	30	4.39	+0.28	0.96	T.	12	10	7	14	ne.	Arthur D. Smith
Story	Montgomery	700	10	...	...	...	...	...	...	...	4.90	...	1.54	0.0	7	15	2	14	n.	S. C. Story
Stuttgart	Arkansas	209	47	43.5	-0.3	64	15†	16	11	35	5.85	+1.08	1.73	0.0	9	13	5	18	s.	Mrs. Kress Swim
Subiaco	Logan	1050	37	41.6	-1.0	60	13†	15	11	30	2.07	-1.12	0.85	0.0	7	13	5	13	ne.	New Subiaco Abbey
Sunset	Washington	2250	3	38.8	...	56	28	7	11	29	1.26	...	0.87	0.5	9	9	12	10	sw.	Walter James
Texarkana	Miller	332	49	45.8	-1.0	68	15	16	11	40	4.54	+0.79	2.22	0.0	8	14	4	13	n.	H. S. Brashear
Thornburg	Perry	650	14	40.4	-0.7	64	15	12	11	41	4.24	+0.45	1.10	T.	12	12	5	14	s.	Edward E. Holmes
Waldron	Scott	675	15	...	...	...	...	...	...	...	1.70	-1.84	0.84	T.	6	10	2	19	se.	Dr. Cheves Bevill
Warren	Bradley	206	40	48.4^{d}	+3.6	69	24	26^{i}	21	35^{i}	6.20	+0.98	1.45	0.0	10	15	5	11	sw.	Miss Sue Hoyle
Waters	Montgomery	800	10	...	...	...	...	...	...	...	4.46	...	1.71	0.0	5	10	11	10	e.	J R. Huddleston
Wilson	Mississippi	237	9	39.2^{e}	...	64^{e}	2	12^{e}	11	39^{e}	3.18	...	1.15	0.0	7	13^{d}	3^{d}	11^{d}	n.	D O. Anderson
Wooley Hollow	Faulkner	...	1	...	...	...	...	...	...	...	4.30	...	1.39	T	6	12	10	9	se.	Ross Shumate
Wynne	Cross	250	26	39.8^{a}	-2.6	64^{a}	26	12^{a}	11	33^{a}	4.78	+0.03	1.69	T.	8	1	13	17	n.	R. T. Cobb
Yancopin	Desha	167	10	...	...	...	...	...	...	...	5.09	...	1.62	0.0	9	15	1	15	...	W. E. Barton
State Means				41.5	-1.2	74	24	4	11	48	3.78	-0.51	2.81	0.2	9	12	6	13	sw.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:— Big Lake Outlet, Manilla: Freeman Springs, Dover: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a. m. *Included in next measurement. Data in italics partly interpolated.

Daily Precipitation for December 1934

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita			1.74														1.25	.06	.22					.07	.40	.53		.47		.04	.35	5.13
Arkadelphia	Ouachita		T.	2.81														1.66	.26	.52						.03	.82		.50	.02	.02	.14	6.78
Arkansas City	Mississippi			1.80														.62	.35	.22						T.	.60		.82	T.	.05	.16	4.62
Arlberg	White		*	1.02				.05										.14	*	.84						*	.25					.38	2.68
Batesville	White			1.25				.09	.07			T.						.14		.49					.08	T.	.18		.03	T.	.13	.09	2.55
Bee Branch	Arkansas		.40	.85				T.										.20	.55	.30		.02			.18	.28	.03		.11	.06		.48	3.46
Bentonville***	Arkansas		T.					.02			T.					.02			.73	T.		.05			.01	T.			T.	.12	T.		0.95
Big Lake Outlet	St. Francis			.90				T	T.									.23		.98			T.		.06	.53	.30		T.	T.	.36	.19	3.55
Black Rock	White			1.18				.05	T.									.09		1.02			.03		07	.03	.23		.02	08	.28	.06	3.14
Blytheville	St Francis			.98				.03	T.									.32		1.12	T.				.01	.49	.19		.03	T.	.30	.22	3.69
Booneville	Arkansas		.40													.07		.08	.36	.04					T.	T.					.02	.45	1.42
Brinkley	White			1.60					T.									.40		.88							.06	.43		.51			3.88
Calico Rock	White			.82				.09				T.				T.		T.		.91			.05		.05	.02	.02			T.	.16	.03	2.15
Camden	Ouachita			1.20														.53	.37	.38						.41	1.68		1.06	.03		.02	5.68
Carthage	Ouachita			1.40														*	1.75	.40						.16	1.15		.82	T.	.07	.76	6.51
Center Point	Red		1.40	46													.05	1.00	.27	.33					.15	.24	.86	.17	T.	.08	T.	.67	5.68
Clarendon	White			1.45														.72	.05	.70						.12	.64		.50	.02	.12	.42	4.74
Clinton	White		1.31					.01											.95						T.	.40			.15	.07	T.	.35	3.24
Conway	Arkansas		.91	.80														.34	.06	.86					.36	.37		.09	.25			1.04	5.08
Corning	White			.40				.24							T.					.92					T.		.50				.25		2.31
Cotter	White			.33				.08								.05		T		.95			.20							T.	.27		1.88
Crossett	Ouachita			2.16														.68	.25	.14							.79		.89				4.91
Danville	Arkansas			1.22														.12	.10	.52							.15		.05			.45	2.61
Dardanelle	Arkansas			1.35														.16	.06	.65		T.			.02		.02		.09	T.	.01	29	2.65
Deer	White		.20					.17											1.01												.40		1.78
De Valls Bluff	White																																....
Dumas	Mississippi		.32	1.57													T.	1.16	.33	.16						1.14	.16	.52	.61	.02	.06	.73	6.78
Dutton	White		.31	.04				T	T.		T.					.02			1.07	.06					.06	.28				.04		.06	1.94
El Dorado	Ouachita			1.32														.70	.32	.15							.67		.64	.02	.02		3.84
England	Arkansas		1.22	.46													.01	.79	.35	.15					.05	.15	.38	.61	23	.07	.04	2.34	6.85
Eureka Springs	White							.13			.01					.04			1.00	.10					.10					.19	.05		1.62
Fayetteville	White		T.	T				T			T.					.01		T	1.03	.02		T.	T.		.02	T.				.05	.02	T.	1.15
Fort Smith***	Arkansas		.08								T.					.01	.04	.02	.82					T	T	T.		T.	.01	01	T.	.07	1.06
Freeman Sprgs	Arkansas			85				T.				T.						T.		.79					.02	.04	.05		.06	.04	.02	.07	1.94
Fulton	Red		T.	2.18														1.23	.30	.25					T	T.	.49		.24	.02	T.	.10	4.81
Georgetown	White			1 62					.08									.44	.08	.71					.08	.04	.32		.33	T.	T.	.57	4.27
Grannis	Red		1.08	.16													.16	.61	.52	.25				T.	.87	.53		.05	.05	.11	T.	.90	4.79
Gravette	Arkansas															.11			.65			.06			.08					.16	.03		1.09
Harrison	White		.18	.07				.07			T.					.05			1 01	.10		.10			.05					.10			1.73
Helena	Mississippi			1.58					T.									.50	.18	.72							.68		.55	.04	.12	.37	4.74
Higden	White		1.27					.02										.07	.45	.50						.37		.05			.24	.27	3.24
Highland	Ouachita		1.95	.30													.05	1.70	.15						.15	.20	.70	.35				1.25	6.80
Hope	Red		*	2.20														90	.45	.05					T.	.64		.53			T.	1.20	5.97
Hot Springs	Ouachita		*	1.58													.39	.69	.39	.18					.43	.33	.41	.38	.12	.25	.01	1.65	6 81
Index	Red			1.60														1.17	.14	.16						.01	.19		.25	.03		.10	3.65
Jessieville	Ouachita			1.80														T.	T.							T.			T.			1.25	3.05
Jonesboro	White			1.46					.02									.28		.79			.03			.34	.14		.06	.01	.22	.10	3.45
Lead Hill	White		.12	.03				.06			T.					.06		T.	1.00	.09		.09			.02					.12	.04		1.63
Little Rock****	Arkansas		1.91	.03				T.									.39	.20	.69					T.	.19	69		.40	T.	.06	T.	1.34	5.90
Lutherville	Arkansas		1.50	.38							T.								.94						.09	.06		T.	.03	.09	.06	.21	3.36
Madison	St. Francis			1.32				T	T.									.50	T.	1.00						.12	.56		.57	T.	.08	.85	5.00
Magnolia	Red		.11	1.18														.80	.25						T.	.90		.80		.05		.60	4.69
Malvern	Ouachita																																....
Mammoth Spg	White			.80				.04			T.									.90			.28		.24	.10	.18			.08	.18		2.80
Marianna	St. Francis			1.20														.50	.25	.40				.02	.06	.03	.71	.05	.72	.03	.04	1 94	5.95
Marked Tree	St. Francis			1.37					.03									.15		1.11						.19	.17		13	.01	.14	.26	3.56
Marshall	White	04	.32	33				.07										.62	.26							T.				.05	06	.07	1.82
Mena	Ouachita	T.	T.	1.14														.35	.04	.64	.01				.04	.03	.04		.07	.02	.03	.59	3 00
Morrilton	Arkansas			1 16														.14	.10	.61					.12		.18		.18	T.	.06	.22	2.77
Mountain Home	White							.06								.10		.04	.10			.40			.02	.08	.15			.20		.05	1 20
Mount Ida	Ouachita		.71	.34															.82	.25					.32	.43	.21	.16		.04		1.03	4.31
Newport	White			1.58				T.	.01									.14	.02	1.11			.04		.05	.49	.13		.11	.02	.10	.16	3.96
Norman	Ouachita			1.15														.18	.30	.75					.60	.45	.67	.20	T	T	T.	.76	5.06
Oden	Ouachita			.99														.37	.06	.60					.11	.05	.49		.08			1.11	3.86
Okay	Red		1.27	.31													.16	1.21		.30								.50	.02	.02	.03	.46	4.28
Osceola	Mississippi			1.12													.15			1.10							.23	T.		.08		.21	2.89
Ozark	Arkansas	.08		.16											T.	.03		.03	T.	78					T	.02			.03	.04	.04	.06	1.27
Paragould	St. Francis			1.05	T.			.50	T.	.90										1.11					.05	.25	33			.20	.28	.06	4.73
Parkin	St. Francis			1.33				T.										.47		1.20						.25	.76		.25		.10	.35	4.71
Patterson	White	.60		1.82				.01										.18	1.02							.52		.14	.10		1.31	.19	5 89
Piggott	St. Francis			.40				.51											.80	.22		.03			.06	.15		.08	.54		.10	.40	3.29
Pine Bluff	Arkansas			1.42														.76	.17	.45						.01	1.16		.83	T	.02	.17	4.99
Pocahontas	White			.98				.04								.02				.98		.10		.12		.30				.25		.42	3.21
Portland	Ouachita			1.63														.63	.32	.10							1.18		1.06		.04	.03	4.99
Prescott	Ouachita			2.08														1.14	.22	.36						.07	.49		.30	04	.02	.18	4.90
Quitman	Arkansas			1.39					T			T.						.20		.10							.46		T.	T.	T.	.59	2.74
Rogers (near)	White							T.			T.				T.				.88	.05		.11			.02	T.							1.06
Rosebud	Arkansas	.81	*	1.33				T.			T.							.26	.92						.45	.84		.48	T.	T.	T	.80	5.39
St. Francis	St. Francis			.81				.10									.10			1.18			.14		T.	.16	.34		T.	.10	.43	.06	3.42
Searcy	White		.70	.96				.03										.22	.65	.26					.24	.12			.22	.10	.04	.85	4.39
Story	Ouachita			1.23														.80		.67					*	.20	.46					1.54	4.90
Stuttgart	Arkansas			1.55														.66	.05	.60						.05	1.73		.86		.06	.29	5 85
Subiaco	Arkansas		.85	.10													.01	T.	.66											.03	.06	.36	2.07
Sunset	Arkansas		.08	.04							T.					T.		.04	.87	.06					.06	T.	T.			.07	.03	.91	1.26
Texarkana	Red			2.22														1.35	.20								.22		.20	.05	.05	.25	4.54
Thornburg	Arkansas	T.	.82	.41				T										.23	.52	.28					.22	.25	.10	.08	.22		.01	1.10	4.24
Waldron	Arkansas		84								T.				T.			.03	.34							T.	.05	T.		T	.02	.42	1.70
Warren	Ouachita		.15	1.35														.75		.22				T.	1.00	.30		.50	.33	.15		1.45	6.20
Waters	Ouachita			.95														.36		.86							.58					1.71	4.46
Wilson	Mississippi			1.15					03									.40		.90							.35		.10			.25	3.18
Wooley Hollow	Arkansas			1.39				T.	T.									.24		.94							.51		.32	T.	T.	.90	4.30
Wynne	St. Francis			1.69					T.									T.	.18	1.36					.18	.22	.87		.14		T.	.14	4.78
Yancopin	Arkansas			1.62														1.02	.15	.34						.02	.82		.98		.08	.06	5.09

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	5.0	5.5	5.5	5.5	5.5	6.1	6.0	6.0	5.6	5.0	4.8	4.3	4.2	4.2	4.2	3.9	3 9	3.8	4.0	4.0	4.4	5.0	4.6	4.5	4 5	4.3	4.2	4.2	4.0	4.0	4.0
Calico Rock	do	18	3.6	5.3	4.5	4.0	4.5	4.6	4.7	4.2	3.7	3.2	2.6	2.4	2.6	1.8	1.8	1.3	1.2	1.0	0.6	1.5	2.4	2.9	3.3	2.2	2.3	2.5	1.8	1.6	1.8	1.7	1.5
Batesville	do	23	8.8	9.1	11.1	10.1	9.6	9.9	9.9	10.0	8.7	8.5	8.5	7.9	7.4	6.6	7.0	7.0	6.5	6.1	6.1	5.9	6.8	7.1	8.4	8.4	7.9	7.7	7.9	6.9	7.1	7.1	7.1
Newport	do	26	6.1	6.6	8.1	9.0	8.5	8.3	8.1	8.0	7.5	6.7	6.0	5.4	4.9	4.3	3.8	3.8	3.5	3 3	2 9	2.9	3 0	3.5	4.3	4.7	4.5	4.2	4.2	4.1	3.7	3.8	3.7
Georgetown	do	21	6.7	7.8	9.6	11.3	12.3	12.3	11.7	11.3	10.9	10.4	9.6	9.0	8.2	7.4	6.7	6.1	5.8	5.4	5.0	4.9	4.7	4.8	5.2	5 8	6.2	6.6	6.5	6.5	6.4	6.1	6.0
Clarendon	do	26	14.0	13.9	14.4	15.7	16.7	17.6	18.2	18.5	18.6	18.6	18.4	18.0	17.6	17.0	16 4	15.8	15.2	14.7	14.4	14 0	13.7	13.3	13.0	13.1	13.4	13.8	14.1	14.3	14.4	14.4	14.4
Black Rock	Black	14	5.8	4.6	6.2	6.7	5.9	5.3	4.9	4.6	4.4	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.2	2.9	3.2	3.2	3.1	3.3	3.2	3.1	3.1	3 3	3.4	3.3	3.3	3.4	3.5
Arkadelphia	Ouachita	17	9.0	8 4	11.8	10.8	9.1	8.7	8.4	8.4	8.0	8.0	8.1	8.0	8.0	7.9	7.8	7.4	7.7	8.8	9.0	9.0	8.8	8.5	8.3	8.1	6.6	6.3	7.6	9.0	9.0	8.8	8.1
Camden	Ouachita	26	8.0	11.5	12.6	14.3	17.4	18.1	17.3	16.0	15.0	13.6	10.5	9.9	9.7	9 3	9.0	9.0	8.9	8.0	10.4	12.2	13.3	13.5	12.8	12.2	11.1	11.0	9.1	11.9	14.1	16.2	16.5
Fulton	Red	25	11.1	11.0	11.9	12.3	12.5	12.3	11.8	10.8	10.1	9.0	8.4	8.0	7.6	7.3	7.0	6.9	7.0	7.0	6.9	6.8	7.3	7.7	7.7	7.5	7.2	7.0	6.9	7.5	7.9	7.4	7.1
Helena	Mississippi	41	15.5	16.8	17.6	17.9	17.8	17.9	18.3	19.2	20.0	20.3	20.5	20.8	21.1	20.9	19.9	18.0	15.8	13.9	12.4	11.3	10.6	10.1	9.9	10.0	10.1	10.2	10 0	10.1	10.6	11 5	12.1
Arkansas City	do	48	16 9	17.5	18.4	19.2	19.7	19.8	19.8	20.0	20.4	20.8	21.2	21.4	21.6	21.7	21.5	20.8	19.5	17.8	16.1	14.3	12.9	11.7	10.9	10.3	10.2	10.3	10.3	10.4	10.5	10.8	11.4

Daily temperatures for December, 1934

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	55	55	49	54	54	58	39	46	55	33	37	51	66	53	63	60	43	40	49	47	59	59	53	61	62	51	40	49	57	48	51	51.5
	Minimum	26	26	32	29	26	28	32	21	23	23	17	11	20	31	31	31	43	36	34	27	29	27	30	36	51	41	31	34	40	41	45	29.8
Batesville §§	Maximum	53	51	47	55	49	55	33	40	49	27	34	48	55	47	57	58	47	38	43	53	58	53	61	57	50	45	41	48	53	44	49	48.3
	Minimum	29	31	37	23	21	21	27	14	23	24	13	14	21	21	21	32	36	22	32	21	21	22	22	30	30	34	18	19	39	41	40	25.8
Bee Branch	Maximum	57	51	45	53	53	55	55	40	48	47	37	48	54	56	56	58	57	47	45	52	56	51	52	56	56	55	40	45	52	54	48	50.9
	Minimum	25	32	30	25	25	28	28	19	20	23	13	16	26	29	28	49	37	31	34	27	35	26	30	46	38	33	27	35	45	41	41	30.4
Bentonville ***	Maximum	45	49	41	51	52	44	32	34	42	25	32	47	49	52	56	53	53	36	39	50	46	54	49	50	57	38	47	57	54	43	43	45.8
	Minimum	22	35	25	29	26	30	16	18	25	18	10	22	27	26	37	38	35	32	26	31	30	30	34	36	32	21	29	44	38	37	32	28.7
Blytheville	Maximum	51	57	52	52	52	52	39	34	43	40	32	45	50	43	57	59	44	43	42	48	51	50	60	58	58	58	46	51	52	51	52	49.1
	Minimum	32	33	38	31	27	32	26	20	29	24	15	19	29	24	24	42	33	26	28	23	35	29	34	42	38	28	21	41	48	42	45	30.9
Booneville	Maximum	57	52	47	55	56	56	51	39	53	42	38	57	62	54	65	61	59	46	48	56	55	61	54	60	57	56	44	65	58	56	48	53.8
	Minimum	24	42	29	26	23	28	30	18	22	24	14	18	21	30	36	46	41	35	31	28	33	25	35	48	36	34	29	36	40	37	39	30.9
Brinkley	Maximum	55	54	50	57	56	52	45	46	50	47	37	49	59	50	65	62	60	58	40	46	55	58	58	52	62	61	60	44	51	57	59	53.4
	Minimum	30	33	35	26	25	32	29	28	21	24	15	17	28	27	26	46	56	37	38	36	25	34	27	32	32	48	38	25	40	48	44	32.3
Calico Rock§§	Maximum	54	54	46	55	52	52	33	39	53	26	36	56	55	48	58	54	50	37	42	53	56	58	59	61	50	42	43	59	52	44	48	49.2
	Minimum	27	26	31	23	21	21	25	14	16	21	10	10	16	22	22	33	37	25	31	23	28	25	25	30	30	31	20	20	39	40	39	25.2
Camden§§	Maximum	56	55	51	54	54	60	45	49	58	40	30	52	64	55	62	67	47	49	50	58	61	52	63	65	62	48	41	53	62	57	55	54.0
	Minimum	27	27	36	26	26	26	34	23	22	23	18	15	16	26	26	26	46	38	38	25	27	26	26	29	51	46	35	36	40	52	48	31.0
Carthage §§	Maximum	55	62	49	53	54	57	40	48	53	36	33	50	60	54	65	53	49	41	49	57	60	52	63	65	62	48	39	51	62	49	53	52.3
	Minimum	25	28	36	25	25	27	29	20	21	21	16	16	19	26	27	27	39	36	35	26	27	26	26	29	51	42	30	31	37	48	45	29.5
Center Point	Maximum	56	54	56	59	56	55	55	51	55	51	42	52	70	64	66	63	59	45	53	57	60	57	60	58	63	63	45	45	63	61	59	56.5
	Minimum	21	40	25	22	28	32	31	19	20	26	13	17	25	32	34	52	40	35	30	30	30	26	35	37	54	38	32	36	45	42	44	32.0
Conway	Maximum	58	50	50	58	56	58	50	48	58	43	38	57	66	55	63	60	57	40	47	64	61	60	50	63	55	65	46	51	55	56	52	54.5
	Minimum	24	34	32	25	25	31	30	20	21	26	15	18	26	28	38	45	39	28	35	27	37	26	33	48	44	36	25	36	45	41	43	31.6
Corning	Maximum	50	56	53	53	46	52	42	34	41	39	29	45	53	46	53	56	46	41	39	45	44	51	51	51	51	42	41	49	49	49	46	46.5
	Minimum	31	31	35	27	24	32	27	16	27	21	13	20	28	23	24	45	24	25	33	21	25	33	41	35	30	30	19	35	46	37	43	29.1
Crossett§§	Maximum	54	61	56	56	54	61	50	51	56	44	46	54	64	57	64	70	53	53	51	61	65	58	67	71	64	54	45	55	65	61	58	57.4
	Minimum	29	30	35	29	27	30	37	24	23	27	18	18	19	30	30	38	45	40	39	29	33	29	30	33	50	49	36	39	44	50	49	33.5
Dardanelle	Maximum	56	50	46	56	54	56	50	44	52	47	33	52	65	55	58	58	56	45	47	58	58	58	51	61	54	52	43	51	54	54	49	52.4
	Minimum	24	37	30	28	25	29	29	19	22	26	16	19	25	28	30	44	40	32	35	28	37	27	31	48	37	35	27	35	42	41	42	31.2
Deer	Maximum	43	39	40	47	45	45	39	29	45	31	30	48	51	49	50	..	..	52	33	45	48	..	..	56	51	52	42	..	..	52	46	44.3
	Minimum	24	35	21	28	34	31	18	14	22	14	6	19	36	26	33	..	..	26	23	29	36	..	..	29	40	22	27	..	..	35	37	26.6
Dumas	Maximum	60	55	55	56	58	62	48	47	58	53	37	51	64	52	66	68	61	48	55	58	66	66	71	72	66	65	45	51	60	61	55	57.7
	Minimum	30	33	40	29	28	36	32	24	24	27	17	19	30	27	28	48	39	37	37	30	36	29	34	46	55	44	30	40	50	50	48	34.7
Dutton	Maximum	50	44	47	56	55	56	39	33	50	35	49	55	60	47	56	57	61	42	42	40	59	54	59	54	55	54	45	56	53	53	48	50.5
	Minimum	11	33	30	21	16	22	18	9	15	15	4	13	20	20	27	45	34	25	22	20	27	20	27	34	36	27	24	37	37	38	37	24.6
El Dorado	Maximum	58	56	56	55	53	58	54	51	57	53	38	51	64	58	69	65	65	51	54	59	62	60	67	72	67	58	47	56	65	65	56	58.1
	Minimum	31	37	39	31	30	38	39	26	26	33	21	21	32	31	35	50	41	40	39	31	37	32	35	42	58	47	37	40	50	54	50	37 2
England	Maximum	55	52	52	55	58	52	40	45	54	46	34	51	60	51	60	61	57	41	48	57	61	55	60	63	62	60	43	49	57	60	51	53.2
	Minimum	28	33	35	28	29	35	29	21	23	27	26	20	28	28	28	45	38	30	36	28	35	29	34	48	50	40	27	38	41	44	44	33.1
Eureka Springs	Maximum	48	49	45	53	54	48	36	34	45	36	35	50	52	55	58	56	52	41	39	49	50	58	49	52	57	54	50	66	53	51	45	49.0
	Minimum	25	36	24	28	27	30	16	13	26	17	8	24	32	26	37	38	33	32	26	31	38	28	35	38	30	21	25	47	47	38	36	29.4
Fayetteville	Maximum	46	51	45	50	52	46	41	34	43	32	33	47	50	53	55	56	53	47	40	49	49	55	55	54	57	55	46	59	56	55	46	48.7
	Minimum	22	42	24	28	24	30	19	17	26	18	11	22	30	27	36	42	36	33	26	32	38	28	35	43	30	24	30	44	43	37	38	30.2
Fort Smith***	Maximum	56	46	44	53	49	55	38	41	49	32	34	51	59	49	60	58	52	38	46	53	52	62	50	56	54	48	41	53	54	41	48	49.1
	Minimum	28	37	30	32	30	35	22	22	28	23	19	22	31	34	37	49	37	35	31	34	38	31	40	42	40	32	30	36	41	37	38	32.9
Gravette	Maximum	47	51	46	51	53	49	39	34	41	35	34	48	49	52	57	54	53	48	39	50	47	55	50	49	51	57	47	56	56	43	41	47.8
	Minimum	19	37	24	23	23	25	11	14	23	17	10	22	27	26	36	37	32	34	25	27	34	24	31	39	40	20	28	44	41	34	37	27.9
Harrison	Maximum	48	46	44	49	51	46	35	34	46	34	30	53	49	46	58	56	48	41	37	48	57	54	51	58	47	51	47	67	57	50	49	48.0
	Minimum	24	36	26	27	22	22	18	12	22	20	10	18	36	24	34	28	35	29	28	27	36	26	32	34	29	25	22	42	47	39	39	28.0
Helena	Maximum	55	56	51	54	57	55	41	43	50	41	35	48	58	49	61	61	57	48	50	52	58	55	65	68	63	60	48	52	59	60	54	53 7
	Minimum	30	36	39	27	28	34	29	19	21	24	14	18	29	26	31	48	34	32	31	28	36	29	37	48	51	37	28	43	50	46	45	33.2
Highland	Maximum	57	54	53	67	58	62	56	61	59	57	48	57	71	69	61	69	60	41	52	60	59	60	60	61	62	65	47	46	61	61	52	57.0
	Minimum	26	39	30	29	32	36	30	19	25	28	16	19	31	33	34	44	40	35	31	30	31	30	29	45	46	45	32	36	45	45	45	33.4
Hope	Maximum	65	59	63	68	60	60	49	57	60	50	45	57	71	65	69	68	60	46	57	62	67	68	63	65	64	64	46	49	49	67	53	59.5
	Minimum	29	39	33	30	27	35	34	23	23	30	19	23	33	33	31	54	40	38	35	33	37	28	31	51	54	44	35	38	42	44	49	35.3
Hot Springs	Maximum	55	48	47	57	56	56	55	45	54	51	36	52	67	55	61	61	58	43	48	57	59	58	53	60	60	61	47	48	57	57	50	53.9
	Minimum	28	40	32	34	30	37	31	22	26	28	15	25	38	32	36	53	38	35	33	31	38	31	39	50	50	39	29	36	36	45	44	34.9
Jonesboro	Maximum	49	53	45	51	47	50	42	33	44	40	31	43	49	43	54	55	47	38	39	47	50	51	57	55	53	44	39	47	50	49	46	46.5
	Minimum	30	29	37	30	27	34	27	16	27	23	13	19	31	21	24	43	34	27	32	24	34	29	34	39	38	27	20	37	45	37	41	30.0
Lead Hill	Maximum	55	49	44	51	57	45	40	36	38	38	41	39	49	51	61	56	53	44	38	49	51	55	53	58	47	48	41	72	55	50	49	48.8
	Minimum	25	39	28	25	19	26	20	9	23	20	8	13	23	21	35	41	35	25	29	22	29	27	27	43	26	25	20	39	41	39	41	27.2
Little Rock.*	Maximum	53	49	48	52	52	51	40	43	51	36	32	49	58	48	62	61	46	39	46	56	59	53	52	61	61	60	38	48	56	54	50	50.5
	Minimum	28	38	34	30	34	39	25	22	26	23	17	20	33	34	34	46	35	34	34	32	38	33	38	49	48	31	27	38	47	43	42	33.9
Lutherville	Maximum	53	48	43	51	52	56	47	39	48	41	34	48	62	53	56	58	56	47	44	53	56	55	51	57	54	52	42	47	51	51	44	50.0
	Minimum	26	36	27	27	27	32	29	19	22	23	12	18	32	81	32	50	40	33	32	30	37	28	34	47	37	32	27	34	44	39	40	31.5
Magnolia	Maximum	59	56	55	57	56	60	50	51	58	58	44	53	65	59	68	68	66	50	52	59	61	60	69	68	67	65	50	50	65	65	55	58.7
	Minimum	30	40	35	28	29	35	37	24	24	33	20	21	30	34	36	54	42	40	36	32	38	30	35	56	57	47	37	38	49	50	50	37.0
Mammoth Spring	Maximum	54	53	50	51	49	54	46	34	45	41	42	48	49	47	49	52	50	48	43	48	47	50	54	54	53	51	38	47	49	48	47	48 1
	Minimum	29	33	35	22	23	27	26	15	28	18	12	13	20	21	25	30	34	26	33	24	28	26	29	39	27	22	18	36	43	39	43	27.2
Marianna	Maximum	53	56	56	53	55	51	41	40	50	50	33	46	55	48	60	63	63	42	46	52	58	54	64	64	64	61	49	53	57	59	56	53.3
	Minimum	32	35	38	30	28	34	30	22	23	23	16	19	31	26	26	36	36	31	38	26	36	30	35	35	36	38	27	43	50	46	46	32.3
Marked Tree§§	Maximum	52	56	49	53	53	52	35	37	45	25	34	45	55	46	57	60	45	40	41	50	55	52	61	59	60	42	47	51	53	48	53	48.7
	Minimum	30	30	36	29	27	30	28	18	20	25	15	16	19	24	23	25	34	28	29	25	27	27	32	33	32	35	22	23	44	42	42	28.1
Marshall	Maximum	56	47	44	51	54	47	42	35	50	48	33	57	51	58	58	53	45	41	50	55	56	64	59	61	57	56	47	62	57	52	48	51.4
	Minimum	26	36	28	24	20	27	20	10	20	18	7	25	22	33	45	34	25	28	24	31	32	39	37	45	29	22	20	36	44	37	28	28.1
Mena	Maximum	53	47	47	53	52	57	44	43	53	41	38	51	62	53	61	60	57	43	49	53	54	57	49	65	59	60	40	46	57	56	48	51.9
	Minimum	25	40	27	27	26	31	24	18	24	22	14	22	32	34	34	54	40	34	30	30	35	27	41	46	43	35	30	37	44	38	42	32.5
Morrilton §§	Maximum	54	47	46	53	52	54	37	42	54	33	32	55	60	46	62	58	48	40	45	56	57	55	51	60	51	47	40	53	54	47	49	49.6
	Minimum	27	27	33	30	27	28	32	22	23	25	17	17	22	29	30	34	39	31	34	29	33	29	30	34	41	34	26	27	39	44	43	30.2
Mountain Home	Maximum	54	52	45	55	52	47	36	39	52	36	35	59	55	48	59	53	49	37	40	52	50	55	54	57	46	47	40	64	50	49	47	48.8
	Minimum	24	35	28	24	23	25	16	12	13	19	9	16	30	24	30	43	35	28	29	23	26	25	34	35	28	26	19	37	41	38	40	26.9
Mount Ida	Maximum	55	51	50	58	52	58	48	45	56	46	40	55	67	53	63	64	61	45	51	55	59	58	52	65	59	57	45	60	62	61	50	54.9
	Minimum	19	41	30	21	18	28	22	14	17	26	10	13	22	21	24	45	41	33	31	21	24	21	31	47	45	35	25	37	45	41	44	28.8
Newport	Maximum	53	52	53	55	51	54	46	40	49	46	33	47	55	48	54	58	55	41	43	52	56	54	57	57	58	48	41	49	53	53	50	50.4
	Minimum	31	33	36	27	26	28	29	19	27	24	15	19	25	28	27	43	37	28	36	27	34	37	37	43	38	35	24	38	41	41	43	31.5
Okay	Maximum	48	58	51	57	53	59	52	54	58	58	39	55	69	60	68	66	61	..	..	..	..	63	..	..	61	..	65	49	65	64	53	57.8
	Minimum	30	21	28	22	22	33	30	17	28	29	12	13	21	31	31	54	40	..	..	..	..	24	..	..	36	..	33	35	46	42	45	30.1
Ozark§§	Maximum	52	47	45	53	51	56	57	40	50	30	32	49	60	48	56	58	55	39	45	54	55	56	50	58	55	49	42	50	54	44	49	49.6
	Minimum	24	24	28	26	26	25	29	18	19	22	15	15	17	26	33	38	42	37	33	29	35	27	27	39	35	32	30	30	40	39	39	29.0
Pine Bluff	Maximum	57	55	52	55	56	57	41	41	55	47	35	54	63	50	66	64	57	44	50	51	61	59	66	66	61	62	42	49	62	62	53	54.6
	Minimum	30	35	36	30	28	36	33	24	25	28	18	21	34	31	32	52	39	36	35	29	37	30	33	52	53	40	30	39	49	47	46	35.4
Pocahontas	Maximum	51	56	52	54	53	52	50	36	43	43	35	34	54	45	53	56	51	50	41	48	47	51	50	56	53	48	40	48	51	50	47	48.6
	Minimum	29	28	34	24	25	30	26	15	25	20	20	19	24	25	24	44	35	26	32	20	27	24	30	37	30	29	16	33	45	36	41	28.2
Portland	Maximum	57	61	57	52	55	59	54	49	55	50	34	51	70	57	67	71	65	51	58	57	67	57	67	74	66	63	50	54	62	65	57	58.5
	Minimum	29	32	41	29	29	35	37	23	24	32	19	18	29	29	28	46	41	40	38	27	31	29	30	50	54	49	35	41	51	53	49	35.4
Prescott	Maximum	57	53	52	56	54	57	55	51	56	52	35	52	66	62	67	66	60	44	52	60	62	59	57	65	63	60	50	49	64	64	55	56.6
	Minimum	27	36	33	28	27	35	33	22	24	31	18	18	30	32	32	54	40	37	34	29	33	28	31	50	50	44	33	35	47	49	47	34.4
Searcy	Maximum	52	51	48	55	52	55	47	43	50	45	33	47	59	47	58	58	56	40	46	55	58	53	50	58	54	57	42	47	55	54	49	50.8
	Minimum	27	33	30	28	28	31	26	18	21	22	14	18	29	29	30	49	36	32	35	28	37	30	35	45	44	35	24	37	46	42	43	31.7
Stuttgart	Maximum	53	53	49	53	57	52	47	45	51	46	34	48	60	52	64	61	57	41	46	55	58	55	63	64	63	59	43	50	58	58	53	53.2
	Minimum	29	33	37	31	29	36	31	22	22	27	16	19	31	29	29	46	39	33	37	28	33	29	34	46	51	41	28	40	49	46	46	33.8
Sunset	Maximum	44	43	41	49	51	47	37	31	45	30	33	50	52	51	50	53	54	47	39	47	48	50	54	54	52	53	43	56	52	52	45	46.9
	Minimum	22	38	20	28	35	31	17	15	24	15	7	21	36	30	38	45	36	33	22	32	37	30	41	45	40	24	32	39	45	39	37	30.
Texarkana	Maximum	59	55	53	52	53	59	47	54	59	52	41	54	67	57	68	67	67	54	55	64	63	63	64	65	65	64	48	51	66	65	53	58.2
	Minimum	27	42	30	26	27	35	32	22	22	28	16	22	27	32	34	53	40	40	30	30	29	29	34	38	50	41	34	34	47	40	45	33 4
Thornburg	Maximum	54	46	46	54	55	55	48	44	56	43	36	54	63	54	64	61	56	37	46	55	58	56	54	63	59	61	39	54	56	55	50	52.
	Minimum	20	39	29	24	19	26	22	15	15	24	12	14	27	20	27	45	34	28	30	24	29	20	29	42	40	35	24	34	44	41	42	28.
Wilson	Maximum	51	64	55	53	51	52	51	35	50	43	31	45	52	48	55	58	57	41	43	49	53	53	..	..	..	..	59	51	..	50	53	50.
	Minimum	30	35	34	28	25	30	25	19	22	23	12	17	28	21	21	35	33	24	33	24	36	27	..	..	..	..	20	43	..	46	42	28.
Wynne	Maximum	53	52	54	51	52	51	..	39	47	43	32	42	54	45	57	62	48	39	44	50	57	53	56	60	59	64	46	51	55	55	44	50.
	Minimum	26	28	33	26	24	30	..	17	19	23	12	13	24	23	26	44	33	26	33	32	24	27	36	40	44	33	24	39	42	41	33	29.

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 1-25-35-10

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XXXIX Little Rock, Ark., Year, 1934 No. 13

GENERAL SUMMARY

The year 1934 like 1930 will long be remembered for its hot summer but this year high temperatures prevailed for a much longer period than in 1930. Maximum temperatures exceeding 100° began the latter part of June and in many sections in western and northwestern portions of the State continued with little interruption until the middle or latter part of August.

The mild weather in January was followed by temperatures somewhat below normal in February and March but beginning with April averages were above normal until September though departures were not unusual until in June. The mean temperature for July and August was the highest for the past 44 years. A cool September brought relief from the hot summer but temperatures were again above normal in October and November. The average temperature for the State for the year was 62.8° which is 1.4° above the mean for the past 44 years. Annual means ranged from 56.8° at Dutton in the Ozarks to 67.1° at El Dorado in a southern border county. Of the 53 stations with records of 10 years or more, only two had negative departures. Extremes ranged from 2° at both Dutton and Lead Hill on January 30th to 116° at Lead Hill on August 9th. The maximum of 116° equals the record for the State established at Jonesboro July 12th, 1901.

The average precipitation for the State was 42.47 inches which is 5.68 inches below the mean for the past 44 years. Annual amounts ranged from 31.36 inches at Mammoth Spring to 54.01 inches at Warren. Precipitation was above normal in March, September, and November, below in other months, with the least amounts of rainfall occurring in July and October. Rainfall during the growing season from April to October, inclusive, was 73% of the normal though in June, July, August, and October amounts were seriously deficient in many sections. Crops began deteriorating in northern and western sections of the State the latter part of June and in most other sections in July. The high day temperatures did as much damage as the lack of moisture. Even where good showers occurred, nearly all crops suffered because of hot winds. Streams reached record low stages, stock water was scarce, and fish died in small shallow lakes.

The last killing frost in spring occurred March 19th in some central and southern sections and elsewhere about March 28th except in two instances in mountainous sections where vegetation was killed as late as April 20th. The first killing frost in autumn occurred October 28th in northern border counties, November 12th in most of the eastern half of the State, and November 23d in nearly all of the southwestern portion except in Columbia and Union counties where it occurred December 8th. The growing season ranged from 213 days in the northern portion of the State to 264 days at El Dorado and Magnolia. Early fruit buds were damaged somewhat by frosts in spring and truck crops in the fall.

Five small tornadoes were reported during the year, one each in June and July and three in November. They were much less destructive than usual, only two people being killed, one injured, and property valued at $35,000 destroyed. Windstorms occurred during the spring and summer months but the most destructive storm was in June. Property damage during the year was $315,750. Hailstorms were unusually severe in May and June in a few sections, the loss being over $200,000 in each month. Loss for the year was $418,400. In March loss from floods was $37,450 and the damage from excessive rain $20,000.

T.A.M.

WEATHER BY MONTHS

January: A cold wave with temperatures ranging from 2° in the northwestern portion to 20° in southern border counties overspread the State on the 29th bringing the coldest weather of the month to nearly all sections. The average temperature for the State was 44.5° which is 3.1° above the mean for the past 44 years, all stations having positive departures. Precipitation was 1.39 inches below normal, with only 6 stations with records of 10 years or more having positive departures. Monthly amounts ranged from 1.39 inches at Mammoth Spring to 5.50 inches at Crossett with stations in the northern half of the State receiving the least amount of rainfall. Snowfall was light, the greatest depth reported being 3.0 inches at Eureka Springs. The cloudy, rainy weather the first part of the month was unfavorable for out-door work but thereafter until the last three days of the month conditions were very favorable. Much more than the usual amount of plowing was done but the weather was too warm for fruit.

February: Except for a brief period from the 9th to the 11th, temperatures were generally above normal until the 17th, but thereafter they were continuously below normal for the remainder of the month with departures ranging from 10° to more than 25° below normal from the 24th to the 28th. A few stations reported snow flurries and a little sleet either the 9th or 10th and nearly all stations some snow from the 24th to the 28th, the greatest depth reported being 2.0 inches. Glaze formed in some sections on the 9th and 10th and in northern and central portions of the State on the 24th and 25th, several thousand dollars damage being done to telephone, telegraph, and power lines and to fruit and shrubbery. The ice and sleet coated the ground, making travel hazardous. Monthly totals of precipitation ranged from 0.37 inch at Higden to 5.76 inches at Portland, with stations in northern and central portions receiving approximately 50% of the average rainfall. Much more than the usual amount of plowing was done the first part of the month and in southern and central sections spring oats and grass seeds were sown, and some gardens planted. The cold wave of the 25th and 26th damaged early potatoes and gardens in northern and central portions.

March: Temperatures fluctuated considerably during the month and were as low as 4° in the Ozarks and 26° in southern border counties. The average temperature for the State was 2.7° below normal, all stations with records of 10 years or more having negative departures. Snow occurred in the northwestern portion on the 26th and 27th, Eureka Springs reporting a depth of 4.0 inches for the two days. Precipitation was above normal with only 9 stations having negative departures. Monthly amounts ranged from 2.10 inches at Bentonville to 10.29 inches at Pine Bluff. The weather was favorable for farm work from the 10th to the 17th, unfavorable the remainder of the month. Flood losses were as follows:—On the Black and White rivers, $9,350; on the Ouachita River $28,100. The damage to roads and bridges in Craighead County from excessive rain was $20,000.

April: Though the average rainfall for the State was 1.39 below normal, the heavy rains the first part of the month caused moderately high stages on the Petit Jean and Ouachita rivers, flood stages being exceeded slightly at Danville, Arkadelphia, and Camden. Monthly totals ranged from 0.57 inch at Arkansas City in the southeastern portion to 8.18 inches on the southeastern slope of the Ozarks. The average temperature for the State was 1.1° above normal but temperatures were as low as 29° in the Ozarks on the 13th. The heavy rains from the 4th to the 6th saturated the soil in most portions and preparation for planting crops was retarded except in the southeastern portion where rainfall was light. Cotton planting was begun in some southern sections about the middle of the month but the cool weather and wet soil were unfavorable for growth and some had to be replanted. Buffalo gnats killed approximately 500 head of livestock the latter part of the month in Cross, Lee, Lonoke, Monroe, and Phillips counties. Strong northwest winds brought dust from the Plains States on the 11th and 19th and from the 22d to the 26th reducing the visibility on the 11th and 24th occasionally to 2 1-2 or 3 miles.

May: Though the mean temperature for the State has been exceeded many times, the maximum of 103° has been exceeded only once and that in 1926 when 107° was reported at Newport. A number of stations reported the highest temperature ever recorded for May on the 31st. Precipitation was 1.63 inches below normal, with monthly totals ranging from 1.12 inches at Corning to 5.72 inches at Norman. A series of hailstorms and windstorms occurred on the 4th in Little River, Lafayette and Columbia counties. Hailstones as large as 2 1-2 inches in diameter, driven by the wind, damaged crops and buildings over a large area. About 20 people were injured and damage to crops and property was $218,200. Strong northwest winds again brought dust from the Plains States on the 10th, a number of stations in northern Arkansas reporting the sun nearly obscured. The soil was too dry in some sections for corn but conditions were mostly favorable for cotton. Light frost was reported at Story in the Ouachita Mountains as late as the 26th.

June: This was the third warmest June for the State as a whole, but in the northwestern portion of the State it was the warmest on record. Temperatures were above normal during the entire month at Fort Smith except on the 11th but in eastern and southern portions daily averages were not quite so high. Rainfall was general over the State from the 2d to the 6th and again on the 10th or 11th but thereafter amounts were generally light to moderate with showers occurring only locally. Many stations reported no rain after the 11th. Monthly totals ranged from 0.70 inch at Jonesboro to 6.71 inches at Hot Springs. On the night of the 10th, a small tornado struck Tontitown and traveled in a southerly direction. It was followed by destructive hail over an area 4 miles wide and 12 miles long extending from Tontitown southward to Greenland. Damage from tornado, windstorm and hail was estimated at $450,000. The weather was favorable for cotton in the lowlands but in some northern and western sections the soil was too dry the latter part of the month for good growth. It was too dry for corn, meadows, pastures, truck and fruit in most of the uplands the latter part of the month.

July: This was the warmest July on record in western and northwestern portions of the State but in central and eastern portions it was not quite so warm as July, 1930. Maximum temperatures were 100° or higher during the entire month at Ozark, for 28 days at Subiaco, and for 27 days at Lead Hill. The highest temperature reported was 112° at Thornburg on the 20th and at Lutherville on the 24th. Precipitation was 2.15 inches below normal, this being the lowest average since 1930 and the fourth lowest on record. Rainfall was decidedly deficient in the northwestern portion of the State and in many northern and western counties. Gravette had only 0.04 inch during the month, Mountain Home 0.12 inch, and Ft. Smith 0.15 inch. Though good showers occurred in some sections much of the beneficial effects was offset by the high temperatures prevailing during this time. In the highlands cotton was small and blooming in the top at the close of the month. Corn was almost a failure in all hill sections and had been badly damaged in many sections of the lowlands. Meadows, pastures, truck and gardens were badly damaged in all sections of the uplands. Peaches were plentiful, but were small and generally of poor quality.

August: This was the hottest August in western Arkansas since records have been kept but in the eastern portion of the State mean temperatures were not quite so high as in 1881. The average temperature for the 60 stations was 84.8° which is 5.0° higher than the mean for the past 44 years. This is 2.2° higher than the correspondingly warm months of 1896 and 1918. The average precipitation for the State was 0.95 inch below normal, with monthly totals ranging from 0.12 inch at Hope to 7.43 inches at St. Francis. The weather was unfavorable for growth of all crops in the uplands and in many sections of the lowlands. Early corn was a total loss in the uplands and was badly damaged in the lowlands. In the uplands and in the southern portion of the State cotton was opening by the middle of the month and much of it prematurely where rainfall was lightest. Showers were fairly general from the 20th to the 25th and late crops were planted rapidly in central and northern portions. However, the soil was still too dry in quite an area in the southwestern portion at the close of the month. The Arkansas River at Little Rock reached the record low stage of 4.2 feet below zero, being 1.3 feet lower than the previous record.

September: The average temperature for the State was 3.1° below normal, this being the coolest September since 1928 and the first month since March with the mean temperature below normal. Rainfall was heavy to excessive in the northwestern portion of the State and in the Ouachita Mountains the first few days of the month and heavy in most sections either the 28th or 29th. The average precipitation for the 89 stations was 5.46 inches which is 2.08 inches above normal. Monthly totals ranged from 1.44 inches at Magnolia to 14.13 inches at Sunset, with five stations having monthly amounts over 10.00 inches. Cotton picking was delayed some by the rainy weather but this work was much more advanced than usual at this season of the year. In the lowlands late bolls filled out rapidly after the rains. Late corn was greatly benefited by the rains except in the southern portion where the soil was still too dry at the close of the month.

October: October was a warm, dry month, the warmest since 1931 and the driest since 1924. The average temperature for the State was 3.6° above normal while precipitation was 2.30 inches below normal, this being the least monthly amount for the year. Camden, Hope and Highland had no rain during the month and Fulton and Magnolia only a trace, while the greatest monthly amount was 2.05 inches at Marianna. The weather was very favorable for harvesting all crops. Cotton picking was practically completed except in some sections of the lowlands. Killing frost occurred in northern counties either the 28th or 29th, damaging late truck crops.

November: Temperature and precipitation were both above normal for November, this being the wettest November on record and surpassing the correspondingly wet months of 1902, 1919, and 1931. Moderate to heavy rains occurred the first of the month and heavy to excessive rains from the 19th to the 22d. From the 25th to the 30th precipitation occurred with only a day intervening. Snowfall was the heaviest on record

Climatological Data for Year, 1934

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	700	34	63.4	110	July 24	11	Dec. 12	39	42.63	6.38	Sept.	0.28	Oct.	1.0	65	130^{g}	166^{g}	62^{g}	e.
Arkadelphia	Clark	250	.....	.....	.....	.....	.....	.....	39	43.25	7.05	Nov.	0.50	Oct.	1.0	93	222	51	92	ne.
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	50	50.57	12.87	Nov.	0.53	Oct.	0.0	74	229	21	115	.....
Arlberg	Stone	700	.....	.....	.....	.....	.....	.....	12	47.06	8.26	Sept.	1.48	Feb.	2.7	68	.....	.....	.....	.....
Batesville	Independence	277	28	59.3	111	Aug. 8†	7	Feb. 27	35	48.50	8.60	Mar.	0.51	Oct.	2.3	93	215	34	116	se.
Bee Branch	Van Buren	700	41	62.6	110	Aug. 9	9	Jan. 30	42	41.43	7.64	Mar.	0.54	Oct.	2.2	85	180	94	91	s.
Bentonville	Benton	1303	29	59.5	108	July 24	8	Jan. 30	29	34.71	7.12	Sept.	0.86	Feb.	17.7	85	137	100	128	s.
Big Lake Outlet‡‡	Mississippi	.....	.....	.....	.....	.....	.....	.....	4	40.30	8.74	Nov.	0.80	Oct.	1.0	71	210	53	102	.....
Black Rock	Lawrence	259	.....	.....	.....	.....	.....	.....	33	40.23	7.88	Mar.	0.64	Oct.	2.5	100	232	18	115	s.
Blytheville	Mississippi	252	9	61.2	105	Aug. 7†	7	Jan. 30	9	46.55	12.75	Nov.	0.86	Oct.	1.2	99	228^{a}	57^{a}	79^{a}	s.
Booneville	Logan	465	19	63.7	109	Aug. 19	10	Jan. 30	20	41.24	11.09	Sept.	0.82	Oct.	2.1	72	172	121	72	e.
Brinkley	Monroe	205	47	63.9	109	Aug. 8	11	Jan. 30	47	40.60	8.18	Nov.	0.44	Aug.	T.	82	242	38	84	ne.
Calico Rock	Izard	361	20	59.7	114	Aug. 9	6	Jan. 30†	30	32.76	4.75	Mar.	0.27	July	2.3	89	196	69	100	se.
Camden	Ouachita	158	43	64.1	108	Aug. 8	15	Dec. 12	49	44.77	10.11	Mar.	0.00	Oct.	1.0	80	151	111	103	sw.
Carthage	Dallas	297	3	61.9	109	Aug. 7	16	Jan. 30†	29	47.14	7.97	Mar.	0.08	Oct.	1.0	77	172	132	61	n.
Clarendon	Monroe	172	.....	.....	.....	.....	.....	.....	30	43.48	9.08	Nov.	0.95	Aug.	1.6	94	179	45	141	n.
Clinton	Van Buren	516	.....	.....	.....	.....	.....	.....	13	40.11	6.94	Mar.	0.81	July	0.7	80	171	115	79	nw.
Conway	Faulkner	309	38	64.3	112	Aug. 9	13	Jan. 30	51	45.58	8.16	Mar.	0.44	July	1.5	73	229	69	67	s.
Corning	Clay	293	34	61.0	113	Aug. 8†	5	Feb. 27	41	37.48	8.29	Mar.	0.71	Oct.	2.5	85	207	62	96	s.
Cotter	Baxter	408	.....	.....	.....	.....	.....	.....	7	36.05	6.68	June	0.73	Oct.	3.1	74	194	76	95	.....
Crossett	Ashley	175	11	65.2	105	Aug. 8	18	Dec. 11†	22	51.03	9.15	Nov.	1.04	Aug.	T.	83	163^{i}	76^{i}	117^{i}	ne.
Danville	Yell	327	.....	.....	.....	.....	.....	.....	18	39.69	7.44	Sept.	0.90	June	1.2	79	187	94	84	.....
Dardanelle	Yell	330	25	63.9	109	Aug. 9	14	Jan. 30†	48	38.38	6.62	Sept.	0.74	July	0.6	78	117	153	95	s.
Dumas	Desha	162	20	65.4	110	Aug. 8	15	Jan. 30	29	49.03	12.82	Nov.	0.40	Oct.	T.	77	116	165	84	n.
Dutton	Madison	1590	31	56.8	108	July 24	2	Jan 30	32	48.00	12.73	Sept.	0.55	Oct.	7.1	89	210	106	49	s.
El Dorado	Union	270	30	67.1	107	Aug. 8	20	Jan. 30	33	47.28	10.09	Mar.	0.12	Oct.	0.5	83	133	130	102	se.
England	Lonoke	229	27	63.9	108	Aug. 8	14^{c}	Jan. 30	27	46.20	9.80	Mar.	1.35	Feb.	2.4	91	222^{p}	53^{p}	74^{p}	s.
Eureka Springs	Carroll	1465	33	61.2	110	July 24	4	Jan. 30	34	44.74	9.36	Sept.	1.32	July	23.3	100	191	101	78	sw.
Fayetteville	Washington	1451	43	60.8	107	July 24	8	Jan. 30	47	39.97	9.16	Sept.	1.03	Oct.	12.0	88	166	125	74	sw.
Fort Smith	Sebastian	457	53	63.7	109	Aug. 9	15	Feb. 27	53	34.00	10.49	Sept.	0.15	July	1.9	89	161	112	92	e.
Freeman Springs‡‡	Pope	2240	.....	.....	.....	.....	.....	.....	10	38.76	8.36	Sept.	0.28	Oct	1.5	83	222	61	82	sw.
Fulton	Hempstead	260	.....	.....	.....	.....	.....	.....	49	38.03	7.23	Nov.	T.	Oct.	2.8	63	200	59	105	.....
Georgetown	White	200	.....	.....	.....	.....	.....	.....	22	44.58	9.46	Mar.	0.62	Oct.	0.2	82	219	38	108	.....
Grannis	Polk	900	14	62.9	109	July 24	12	Dec. 11	15	43.54	7.90	Sept.	0.40	Oct.	1.0	86	208	91	66	se.
Gravette	Benton	1250	36	60.2	109	July 24†	7	Jan. 30	37	34.46	8.41	Sept.	0.04	July	10.5	....	190^{s}	100^{s}	56^{s}	s.
Harrison	Boone	1052	33	60.1	112	Aug. 9	6	Jan. 30†	34	36.37	8.86	Sept.	0.45	July	5.0	95	233	53	79	sw.
Helena	Phillips	250	36	63.6	105	Aug. 7†	8	Jan. 30	62	49.29	11.52	Nov.	1.14	Oct.	1.1	88	130	110	125	ne.
Higden	Cleburne	445	.....	.....	.....	.....	.....	.....	15	42.26	8.45	Mar.	0.37	Feb.	0.5	73	228	52	85	n
Highland	Pike	491	5	65.8	109^{a}	July 24	16	Dec. 11	15	41.90	6.80	Dec.	0.00	Oct.	0.5	63	82^{b}	203^{b}	78^{b}	s.
Hope	Hempstead	377	28	65.8	108	July 18†	17^{a}	Jan. 30	64	45.53	9.62	Nov.	0.00	Oct.	1.2	69	225^{b}	59^{b}	79^{b}	.....
Hot Springs	Garland	600	37	65.9	110	July 23†	14	Jan. 30†	43	53.67	7.45	Nov.	1.42	Oct.	0.1	89	136	165	64	s.
Index‡‡	Little River	275	.....	.....	.....	.....	.....	.....	9	37.18	6.86	April	0.49	Oct.	1.5	73	224	23	118	.....
Jessieville	Garland	750	.....	.....	.....	.....	.....	.....	8	37.05	9.47	Mar.	0.25	Oct.	1.3	46	146	125	94	.....
Jonesboro	Craighead	345	38	61.9	111	Aug. 8	8	Feb. 27	39	41.64	9.64	Mar.	0.59	Oct.	3.0	91	177	98	90	s.
Lead Hill	Boone	650	17	60.4	116	Aug. 9	2	Jan. 30	28	32.98	5.02	Sept.	0.67	Oct.	4.5	97	232	62	171	w.
LITTLE ROCK	Pulaski	357	55	63.1	105	Aug. 8	14	Jan. 30	55	42.37	6.84	Mar.	0.52	Oct.	2.2	91	166	90	109	s.
Lutherville‡‡	Johnson	775	36	63.0	112	July 24	9	Jan. 30	35	34.01	6.72	Sept	0.20	July	1.3	79	176	81	108	sw.
Madison	St. Francis	200	.....	.....	.....	.....	.....	.....	4	46.26	12.36	Nov.	1.12	Oct.	2.0	66	204	1	160	.....
Magnolia	Columbia	315	15	66.8	106	July 18	20	Jan 30†	18	39.68	7.83	Nov.	T.	Oct.	0.5	56	111^{a}	185^{a}	68^{a}	s.
Mammoth Spring	Fulton	600	29	59.7	109	Aug. 9	4	Feb. 27	30	31.36	5.88	Aug	1.08	July	2.9	66	179	99	87	sw.
Marianna	Lee	235	22	63.6	105	Aug. 8	11	Jan. 30	23	43.65	10.43	Nov.	0.95	July	1.7	78	188	117	60	s.
Marked Tree	Poinsett	229	18	60.6	107	Aug. 7†	9	Jan. 30	30	48.50	9.14	Nov.	0.93	Oct.	0.5	92	181	111	73	n.
Marshall	Searcy	1070	19	60.0	110	Aug. 9	5	Feb. 27	20	42.95	8.87	Sept.	0.87	Oct.	4.4	97	187	79	99	s.
Mena	Polk	1185	42	63.0	108	July 24	14	Feb. 27†	46	39.65	9.28	Sept.	0.44	Oct	1.0	85	170	88	107	sw.
Morrilton	Conway	347	12	61.2	106	Aug 8†	13	Jan. 30†	15	38.78	6.84	Mar.	0.62	July	0.1	76	193	73	99	e.
Mountain Home	Baxter	800	17	60.5	114	Aug. 9	4	Feb. 27	22	32.84	6.90	Sept.	0.12	July	3.8	81	164	88	113	sw.
Mount Ida	Montgomery	650	19	61.7	108	July 24†	10	Dec. 11	35	45.28	7.31	Sept.	0.89	Oct.	3.0	69	208	70	87	e.
Newport	Jackson	231	46	62.4	112	Aug. 8	10	Jan. 30	51	46.00	9.94	Mar.	0.76	June	2.0	97	177	95	93	n.
Norman	Montgomery	750	.....	.....	.....	.....	.....	.....	6	47.55	7.60	Mar.	0.64	July	1.4	81	190	75	100	...
Oden	Montgomery	800	...	.....	.....	.....	.....	.....	8	37.93	6.96	Sept.	0.58	Oct.	1.2	79	168	104	93	sw.
Okay	Howard	288	6	64.9	107	July 24	12^{g}	Dec. 11	6	35.35	6.40	Nov.	0.40	Oct.	1.0	74	227^{g}	67^{g}	64^{g}	s.
Osceola	Mississippi	240	31	63.5	110	Aug. 8	8	Jan. 30	38	41.82	10.11	Nov.	1.09	July	0.8	69	188	85	92	s.
Ozark	Franklin	396	37	62.4	112	Aug. 12	14	Jan. 31†	39	37.23	9.85	Sept.	0.03	Oct.	1.6	73	218	35	112	se.
Paragould	Greene	301	.....	.....	.....	.....	.....	.....	11	46.12	9.40	Mar.	0.58	Oct.	1.0	79	237	61	67	s
Parkin	Cross	191		.....	.....	.....	.....	.....	4	43.63	10.19	Nov.	1.19	July	0.5	70	188	33	144	.....
Patterson	Woodruff	196	.....		.....	.....	.....	.....	18	47.01	9.00	Mar.	0.75	Oct.	T.	69	205	84	76	sw.
Piggott	Clay	307	.....	.....	.....	.....	.....	.....	10	41.07	7.52	Mar.	0.59	Oct.	2.6	83	201^{j}	69^{j}	85^{j}	sw.
Pine Bluff	Jefferson	215	46	65.4	107	Aug. 8	16	Jan. 30	47	44.99	10.29	Mar.	0.46	July	0.2	83	176	108	81	nw
Pocahontas	Randolph	309	40	61.1	112	Aug. 9	5	Jan 30†	41	42.79	6.78	Mar.	0.94	Oct.	2.0	83	149	91	125	ne.
Portland	Ashley	122	28	65.1	104	Aug. 8	17	Jan. 30	28	53.28	9.40	Nov.	0.89	Oct.	0.3	78	166	120	79	n.
Prescott	Nevada	329	45	65.9	108	July 24	17	Jan. 30†	46	41.31	7.79	Nov.	0.07	Oct.	0.8	89	175	102	88	s.
Rogers (near)	Benton	1385	41	60.6	110	July 24†	6	Jan. 30	44	35.07	7.59	Sept.	0.50	July	15.5	73	201	63	101	sw.
St. Francis	Clay	290	.....	.....	.....	.....	.....	.....	7	46.53	8.08	Mar.	1.40	Oct.	1.5	80	219	52	94	.....
Searcy	White	236	21	62.1	109	Aug. 8	9	Jan. 30	24	41.49	9.93	Mar.	0.74	Oct.	0.5	97	237	36	92	sw.
Story	Montgomery	700	.....	.....	.....	.....	.....	.....	10	47.79	6.84	Sept.	0.80	Oct.	2.0	62	216	80	69	n.
Stuttgart	Arkansas	209	44	64.0	108	Aug. 8	14	Jan. 30	47	46.72	8.18	Nov.	1.97	Oct.	0.8	80	229	55	81	ne.
Subiaco	Logan	1050	37	63.8	113	Aug. 9	11	Feb. 26	37	34.91	9.01	Sept.	0.60	Oct.	2.5	81	194	77	94	s.
Sunset	Washington	2250	3	60.4	106	July 24	5	Feb. 26	3	46.68	14.13	Sept.	1.26	Dec.	8.5	96	192	116	57	sw.
Texarkana	Miller	332	48	65.5	110	Aug. 9	16	Dec. 11	49	42.99	7.58	Nov.	0.22	Aug.	2.0	66	211	70	84	n.
Thornburg	Perry	650	12	61.3	112	July 20	11	Jan 30†	14	46.78	7.91	Mar.	0.72	Oct.	3.0	91	202^{a}	92^{a}	70^{a}	s.
Waldron	Scott	675	.....	.....	.....	.....	.....	.....	15	42.34	11.14	Sept.	0.78	July	2.5	77	145	93	127	se.
Warren	Bradley	206	38	66.8	108	Aug. 7	17	Jan. 30	40	54.01	8.74	Nov.	T.	Oct.	0.5	82	213	85	67	.....
Waters	Montgomery	800	.....	.....	.....	.....	.....	.....	10	39.15	7.32	Sept.	0.90	Oct.	1.5	60	174	99	92	sw.
Wilson	Mississippi	237	9	61.8	104	Aug. 8	16	Jan. 30	9	46.93	11.08	Nov.	1.15	Oct.	T.	75	226^{d}	47^{d}	88^{d}	s.
Wynne	Cross	250	26	61.7	110	Aug. 7	17	Jan. 30	26	44.79	8.82	Nov.	0.47	Oct.	0.2	74	167	113	85	n.
Yancopin	Desha	167	.....	.....	.....	.....	.....	.....	10	47.39	11.71	Nov.	0.54	Oct.	T.	89	183	51	131	.....

The departures from normal temperature and precipitation are computed only for stations having ten or more years record, but all complete reports are used in determining section means. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing: for example ^{b} represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:-Big Lake Outlet, Manilla, Ark., Freeman Springs, Dover, Ark., Index, Route 5, Texarkana, Ark., Lutherville, R. F. D. No. 1, Lamar, Ark.

Monthly and Annual Mean Temperatures for the Year 1934, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	45.8	+ 2.6	44.4	− 0.2	49.0	− 5.6	62.9^{a}	+ 1.1	70.4^{a}	+ 1.1	82.4	+ 5.3	85.9	+ 5.2	86.4^{a}	+ 6.0	71.4	− 3.2	67.4^{c}	+ 4.2	53.8	+ 1.4	41.1	− 1.9	63.4	+ 1.3
Batesville	40.3	+ 2.4	35.5	− 5.3	44.6	− 6.2	58.7	− 0.3	68.2	+ 1.0	79.8	+ 4.6	84.0	+ 4.4	82.7	+ 3.6	68.6	− 4.0	62.6	+ 2.0	50.0	+ 0.8	37.0	− 3.2	59.3	− 0.1
Bee Branch	44.0	+ 3.5	41.2	− 1.2	49.0	− 2.8	63.0	+ 2.0	70.0	+ 1.7	81.6	+ 4.9	85.8	+ 5.4	85.4	+ 5.8	71.6	− 2.6	65.9	+ 3.6	53.2	+ 2.5	40.6	− 1.4	62.6	+ 1.8
Bentonville	40.0	+ 3.8	38.6	− 1.0	41.7	− 3.7	58.1	+ 0.5	67.4	+ 2.4	79.6	+ 6.2	84.6	+ 7.2	83.2	+ 6.4	66.5	− 4.2	62.8	+ 3.9	51.6	+ 3.4	37.3	− 0.7	59.5	+ 2.0
Blytheville	42.8	......	37.7	......	48.2	......	61.2	......	70.4	......	80.0	......	83.8	......	81.4	......	70.6	......	64.5	......	53.6^{a}	......	40.0	......	61.2	......
Booneville	44.4	+ 4.2	42.7	− 3.3	50.8	− 2.9	62.6	+ 0.4	70.6	+ 0.6	82.4	+ 5.0	87.8	+ 6.5	87.6	+ 5.6	71.7	− 3.9	66.5	+ 3.1	55.4	+ 2.9	42.4	− 1.4	63.7	+ 1.4
Brinkley	46.8^{a}	+ 4.6	42.4^{a}	− 1.4	50.6	− 2.8	63.3^{a}	+ 1.3	71.0^{a}	+ 1.0	81.1	+ 3.3	85.2	+ 4.2	86.0	+ 5.6	74.0^{a}	− 0.8	67.6	+ 5.2	56.4^{a}	+ 4.7	42.8	− 0.8	63.9	+ 2.0
Calico Rock	40.1	+ 4.3	36.2	− 5.6	45.1	− 3.2	59.0	− 0.2	68.6	+ 1.8	80.6	+ 4.8	87.2	+ 7.3	81.8	+ 3.8	68.2	− 4.2	62.2	+ 1.8	49.6	+ 2.6	37.2	− 1.9	59.7	+ 0.9
Camden	46.2	+ 1.8	43.2	− 4.0	51.4	− 4.0	64.6	+ 1.2	72.4	+ 1.5	83.2	+ 5.0	85.2^{a}	+ 4.2	86.5	+ 6.1	73.2	− 2.2	67.6	+ 3.9	53.6	+ 1.6	42.5	− 2.5	64.1	+ 1.0
Carthage	43.9	......	41.2	......	48.8	......	62.3	......	70.0	......	80.8	......	83.6	......	85.6	......	71.4	......	62.3	......	52.4	......	40.9	......	61.9	......
Center Point	48.0	+ 3.4	45.4	− 1.6	......	......	......	......	......	......	......	......	......	......	88.1^{c}	+ 5.9	74.2	− 2.7	70.0	+ 4.7	57.0^{b}	+ 2.8	44.2	− 0.7	......	......
Conway	45.8	+ 4.1	42.8	− 1.2	51.5	− 2.3	64.2	+ 2.2	71.5	+ 1.6	82.0	+ 3.9	87.0	+ 5.4	87.0	+ 5.6	73.4	− 1.6	68.4	+ 5.2	55.2	+ 3.5	43.0	+ 0.5	64.3	+ 2.2
Corning	42.2	+ 4.8	37.4	− 2.1	47.2	− 3.8	61.4	+ 1.4	70.4	+ 2.4	81.0	+ 5.3	86.2	+ 7.0	83.0	+ 4.7	69.6	− 2.8	63.6	+ 3.9	52.1	+ 3.8	37.8	− 2.0	61.0	+ 1.9
Crossett	47.4	+ 1.4	44.6	− 5.2	54.0	− 0.9	65.5	+ 0.8	72.2^{b}	+ 0.5	82.8^{g}	+ 3.5	83.8	+ 1.4	85.1	+ 3.5	75.8	+ 0.3	69.8	+ 4.6	55.9	+ 2.1	45.4	− 1.8	65.2	+ 0.9
Dardanelle	44.7	+ 4.2	42.8	− 2.0	51.6	− 1.0	64.4	+ 1.8	71.3	+ 1.4	82.5	+ 4.2	86.8	+ 5.1	86.6	+ 5.8	72.0	− 2.8	67.0	+ 3.8	54.8	+ 3.0	41.8	− 1.0	63.9	+ 1.9
Deer	......	......	......	......	......	......	......	......	......	......	......	......	......	......	81.0^{a}	......	65.4^{i}	......	64.4^{b}	......	50.6^{c}	......	35.4^{f}	......	......	......
Dumas	48.1	+ 4.5	44.6	− 4.5	52.2	− 3.4	65.0	+ 1.5	72.8	+ 1.6	82.0	+ 3.0	86.2	+ 4.4	86.6	+ 5.5	75.4	− 0.5	68.8	+ 4.0	56.4	+ 3.0	46.2	− 0.4	65.4	+ 1.6
Dutton	39.3	+ 3.9	34.0^{a}	− 5.4	43.6	− 2.6	56.4	0.0	64.1	+ 1.1	74.4	+ 2.8	79.9	+ 4.7	78.6	+ 4.0	63.6	− 4.9	60.2	+ 3.8	49.4	+ 2.8	37.6	+ 0.4	56.8	+ 1.0
El Dorado	49.7	+ 3.9	47.8	− 0.8	55.4	− 1.0	67.0	+ 2.7	72.8	+ 1.6	83.8	+ 3.9	86.0	+ 4.0	87.8	+ 6.0	77.1	+ 0.3	71.8	+ 6.4	59.0	+ 4.2	47.6	+ 1.2	67.1	+ 2.7
England	46.4^{c}	+ 4.0	41.4^{c}	− 5.8	51.3^{b}	− 2.3	64.0^{b}	+ 1.2	71.3^{a}	+ 1.3	81.0^{c}	+ 2.8	85.4^{c}	+ 4.1	85.7	+ 5.1	73.0^{a}	− 2.0	68.7	+ 4.9	55.4^{a}	+ 2.3	43.2	− 0.8	63.9	+ 1.2
Eureka Springs	42.0	+ 4.3	39.6	− 1.2	46.6	− 3.8	60.0	+ 1.0	69.3	+ 2.8	80.6	+ 6.6	87.0	+ 9.0	83.2	+ 4.9	67.6	− 4.3	65.4	+ 4.9	53.4	+ 2.4	39.2	− 0.4	61.2	+ 2.2
Fayetteville	41.7	+ 3.9	39.8	− 0.2	46.9	− 2.7	59.1	+ 0.6	67.0	+ 0.7	80.3	+ 6.1	85.5	+ 7.5	84.2	+ 6.2	68.0	− 4.2	63.9	+ 3.1	53.2	+ 3.8	39.4	− 0.2	60.8	+ 2.1
Fort Smith	43.0	+ 3.5	43.0	+ 0.2	50.0	− 2.6	63.2	+ 1.4	71.9	+ 2.3	84.0	+ 6.5	89.2	+ 7.7	87.8	+ 7.3	70.8	− 3.2	67.0	+ 4.2	53.8	+ 2.8	41.0	− 1.1	63.7	+ 2.4
Grannis	45.6	+ 5.0	43.8	− 1.8	51.6	− 0.1	62.0	+ 1.5	69.4	+ 2.4	79.4	+ 4.4	84.4	+ 5.6	84.5	+ 5.3	70.9	− 2.6	66.2	+ 4.0	54.2	+ 3.2	42.6	− 2.2	62.9	+ 2.1
Gravette	40.2	+ 3.8	38.4	− 0.2	45.2^{g}	− 0.6	59.0^{j}	+ 1.8	68.2^{b}	+ 2.9	80.0	+ 6.6	85.7	+ 8.5	84.4	+ 7.0	67.7	− 2.9	63.4	+ 3.9	52.5	+ 3.5	37.8	− 0.1	60.2	+ 2.8
Harrison	40.5	+ 4.3	37.8	− 0.8	46.4	− 2.3	59.6	+ 2.3	68.0^{f}	+ 2.3	79.8	+ 6.8	86.2	+ 9.4	83.6	+ 7.1	67.6	− 2.4	62.0	+ 2.8	52.2	+ 3.6	38.0	+ 0.2	60.1	+ 2.7
Helena	47.0	+ 4.4	42.2	− 2.6	50.2	− 3.6	63.1	+ 0.3	71.4	+ 0.6	80.2	+ 1.9	84.2	+ 2.6	83.6	+ 3.0	73.4	− 1.9	68.0	+ 4.7	56.0	+ 3.2	43.4	− 1.1	63.6	+ 1.0
Highland	48.8	......	45.5	......	55.3	......	64.6	......	71.8	......	82.4	......	86.8^{a}	......	86.6^{b}	......	75.6	......	71.7	......	54.2^{g}	......	45.7	......	65.8	......
Hope	47.5^{a}	+ 2.3	46.2	− 2.1	52.6^{b}	− 4.4	65.1^{b}	+ 1.2	71.1	0.0	82.8	+ 4.0	86.0	+ 4.6	88.0	+ 5.8	75.2	− 1.3	71.0	+ 5.2	56.2^{d}	+ 1.8	47.4	+ 0.4	65.8	+ 1.5
Hot Springs	47.0	+ 4.0	45.2	− 1.6	52.4	− 1.4	65.9	+ 3.1	72.4	+ 2.8	83.8	+ 6.0	87.6	+ 6.1	88.6	+ 7.9	75.0	− 0.4	70.8	+ 6.8	57.7	+ 5.3	44.4	+ 0.4	65.9	+ 3.3
Jonesboro	44.0	+ 4.0	40.0	− 2.0	49.1^{c}	− 3.3	62.9	+ 1.6	71.2	+ 1.7	81.6	+ 4.1	86.2	+ 5.8	83.2	+ 3.2	69.6	− 4.8	64.5	+ 2.1	52.4	+ 1.2	38.2	− 3.1	61.9	+ 0.9
Lead Hill	40.5	+ 3.2	37.0	0.0	46.2	− 3.0	59.4	− 0.4	68.2	+ 0.4	81.0	+ 6.1	87.0	+ 7.6	82.9	+ 4.3	68.6	− 3.6	63.7	+ 3.1	51.7	+ 3.7	38.0	− 1.8	60.4	+ 1.7
LITTLE ROCK	44.8	+ 3.4	41.6	− 3.3	49.7	− 3.8	62.4	+ 0.3	71.3	+ 1.0	81.2	+ 3.8	85.0	+ 4.1	84.6	+ 4.8	72.1	− 2.0	68.2	+ 4.6	54.4	+ 2.3	42.2	− 2.0	63.1	+ 1.1
Lutherville	43.6	+ 3.8	41.6	− 0.3	49.4	− 2.4	61.8	+ 1.6	70.6	+ 2.6	81.8	+ 6.0	88.0	+ 8.4	86.6	+ 7.2	70.8	− 3.0	66.6	+ 4.6	53.9	+ 3.1	40.8	− 0.4	63.0	+ 2.6
Magnolia	49.5	+ 3.2	47.0	− 4.4	54.6	− 2.4	66.6	+ 2.2	72.8	+ 1.5	82.8	+ 3.8	85.4	+ 3.3	87.2	+ 5.0	76.8	+ 0.8	72.2	+ 6.0	58.8^{a}	+ 4.6	47.8	− 0.6	66.8	+ 1.9
Malvern	46.4	+ 3.6	43.7	− 3.4	51.8	− 2.2	64.2	+ 2.5	71.0	+ 1.1	82.2	+ 4.4	85.8	+ 4.7	......	......	......	......	......	......	......	......	......	......	......	......
Mammoth Spring	41.5	+ 4.5	37.2	− 2.6	46.6	− 3.4	61.2	+ 2.0	67.6	+ 2.6	79.0	+ 4.8	84.4	+ 6.2	81.8	+ 4.4	67.6	− 3.8	61.8	+ 2.9	50.4	+ 2.0	37.6	− 1.6	59.7	+ 1.5
Marianna	47.1	+ 5.9	42.3	− 3.0	51.2	− 2.8	64.5	+ 2.4	71.6	+ 1.4	80.8	+ 2.5	84.2	+ 3.4	84.1	+ 4.3	73.5	− 0.3	66.2	+ 2.9	54.8	+ 2.3	42.8	− 0.4	63.6	+ 1.6
Marked Tree	42.8	+ 4.5	37.2	− 6.4	45.9	− 5.2	61.0	− 0.6	70.2	+ 1.2	79.8	+ 1.8	83.6	+ 2.8	81.8	+ 2.8	70.0	− 3.6	64.2	+ 3.2	51.8	+ 3.0	38.4	− 2.8	60.6	+ 0.1
Marshall	40.9	+ 2.0	37.6	− 6.2	46.2	− 5.6	58.6	− 2.2	67.4	+ 0.2	79.0	+ 3.5	84.6	+ 5.7	82.4	+ 8.8	68.2	− 4.0	62.6	+ 0.8	52.6	+ 1.6	39.8	− 2.5	60.0	+ 0.2
Mena	44.7	+ 3.5	42.2	− 1.8	50.6	− 1.8	63.0	+ 1.4	69.9	+ 1.3	81.2	+ 4.8	86.0	+ 6.1	85.1	+ 5.8	71.3	− 2.7	66.2	+ 3.4	54.0	+ 1.8	42.2	− 0.4	63.0	+ 1.7
Morrilton	41.6	+ 1.0	39.0	− 7.6	47.1	− 3.5	61.2	− 1.4	69.4	+ 0.4	80.6	+ 2.0	85.8	+ 3.0	84.6	+ 3.0	69.4	− 6.0	64.6	+ 1.4	51.3	+ 0.5	39.9	− 4.1	61.2	− 1.0
Mountain Home	41.4	+ 5.2	37.0	− 5.2	46.6	− 4.1	59.8	+ 1.0	69.2	+ 3.2	80.4	+ 6.0	86.8	+ 8.6	82.6	+ 5.0	68.6	− 2.6	63.8	+ 3.6	52.4	+ 4.3	37.8	− 2.6	60.5	+ 1.8
Mount Ida	44.6	+ 4.2	40.8	− 5.2	50.0	− 2.6	61.3	− 0.1	67.4	− 0.8	79.2	+ 3.4	84.0	+ 4.4	84.2	+ 4.8	69.4	− 3.7	64.4	+ 3.0	52.8	+ 2.5	41.8	− 1.0	61.7	+ 0.8
Newport	43.3	+ 4.0	39.8	− 1.8	48.8	− 3.8	62.7	+ 0.7	70.7	+ 0.7	82.0	+ 4.2	86.0	+ 4.8	84.2	+ 4.2	71.8	− 2.2	65.8	+ 3.9	53.2	+ 2.2	41.0	− 1.2	62.4	+ 1.3
Okay	47.7	......	47.2	......	53.9	......	65.2	......	71.0	......	81.8	......	84.4	......	86.0	......	73.8	......	68.5	......	55.7	......	44.0^{g}	......	64.9	......
Osceola	45.0	+ 5.4	41.3	− 1.5	49.8	− 3.7	64.4	+ 4.0	73.5	+ 4.3	82.4	+ 5.1	86.2	+ 5.8	83.5	+ 4.5	73.2	− 0.6	66.6	+ 4.6	54.8	+ 4.8	41.7	− 1.2	63.5	+ 2.6
Ozark	42.0	+ 1.5	40.7	− 2.5	49.2	− 3.6	61.4	− 0.8	70.8	+ 1.0	83.4	+ 5.6	89.0	+ 7.2	87.4	+ 5.8	69.2	− 6.6	64.6	+ 1.2	51.8	+ 0.2	39.3	− 1.9	62.4	+ 0.6
Pine Bluff	47.4	+ 4.1	44.8	− 1.4	52.6	− 2.2	65.6	+ 2.2	71.9	+ 0.5	81.5	+ 2.3	85.6	+ 3.2	87.0	+ 5.3	75.6	+ 0.7	70.6	+ 6.4	57.5	+ 4.5	44.8	− 0.1	65.4	+ 2.1
Pocahontas	42.6	+ 4.3	38.2	− 3.0	47.2	− 4.0	61.0	+ 0.8	69.7	+ 1.3	80.3	+ 3.9	84.9	+ 4.7	82.8	+ 3.4	69.8	− 3.6	64.8	+ 3.2	53.0	+ 3.0	38.4	− 1.7	61.1	+ 1.1
Portland	49.6	+ 3.2	46.3	− 3.1	54.8	− 2.0	65.8	+ 1.2	72.3	+ 0.7	81.0	+ 1.6	82.7	+ 0.9	83.4	+ 2.0	73.8	− 2.6	67.8	+ 3.2	56.2	+ 2.1	47.0	− 0.5	65.1	+ 0.6
Prescott	47.6	+ 3.6	45.4	− 1.6	53.8	− 1.8	66.1	+ 2.8	72.7	+ 2.3	82.9	+ 4.2	86.2	+ 4.3	87.6	+ 6.1	75.4	− 0.6	70.4	+ 5.8	57.4	+ 3.4	45.5	− 0.1	65.9	+ 2.3
Rison	48.6^{d}	+ 4.4	44.2	− 2.4	..	......	67.2	+ 3.4	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Rogers	41.1	+ 4.3	39.5	+ 0.5	46.8	− 2.4	60.0	+ 1.6	67.5	+ 1.7	80.2	+ 6.9	86.0	+ 8.9	83.8	+ 6.6	67.8	− 3.2	63.0	+ 3.4	52.7	+ 3.9	39.4	+ 0.6	60.6	+ 2.7
Searcy	43.6	+ 3.9	40.2	− 5.0	48.4	− 4.0	61.6	− 0.2	70.3	+ 1.7	80.1	+ 2.9	84.4	+ 3.7	84.0	+ 3.9	71.2	− 3.0	65.5	+ 3.2	54.2	+ 3.4	41.2	− 1.6	62.1	+ 0.8
Stuttgart	47.5	+ 5.0	43.0	− 1.8	51.8	− 2.0	63.6	+ 1.3	71.7	+ 1.9	81.0	+ 3.2	84.6	+ 3.6	85.3	+ 4.7	73.4	− 1.6	67.8	+ 4.7	55.1	+ 2.9	43.5	− 0.3	64.0	+ 1.8
Subiaco	43.8	+ 2.5	42.5	− 0.9	50.4	− 2.9	63.3	+ 1.5	71.5	+ 1.5	83.8	+ 6.2	88.6	+ 7.1	87.7^{c}	+ 6.3	71.3	− 2.8	66.2	+ 2.6	55.0	+ 2.2	41.6	− 1.0	63.8	+ 1.8
Sunset	41.2	......	39.8	......	46.9	......	58.9	......	68.2	......	78.6	......	84.2	......	82.6	......	66.1	......	66.4	......	52.7	......	38.8	......	60.4	......
Texarkana	47.2	+ 1.2	46.5	− 1.9	53.3	− 3.2	65.5	+ 1.3	70.9	− 0.7	80.8	+ 1.6	85.2	+ 2.8	87.6	+ 5.4	75.4	− 1.4	70.3	+ 4.5	57.4	+ 2.2	45.8	− 1.0	65.5	+ 0.9
Thornburg	43.0	+ 3.4	39.8	− 3.8	48.8	− 2.7	60.4	− 0.1	67.4	0.0	79.2	+ 4.0	85.0	+ 5.7	84.4	+ 5.6	69.4^{b}	− 3.1	64.3	+ 2.8	53.1^{a}	+ 2.5	40.4	− 0.7	61.3	+ 1.2
Warren	48.8	+ 3.8	47.0	+ 0.3	53.3	− 2.8	67.8	+ 4.5	73.2	+ 2.0	83.8	+ 4.8	86.8	+ 4.6	87.7	+ 6.3	76.4^{a}	+ 0.4	71.0	+ 7.0	57.5	+ 3.8	48.4^{d}	+ 3.6	66.8	+ 3.2
Wilson	44.4	......	39.5	......	48.9	......	62.9	......	70.8	......	80.0	......	83.1	......	81.4	......	72.1	......	64.9	......	54.1	......	39.2^{e}	......	61.8	......
Wynne	44.2	+ 3.8	37.0	− 7.8	47.2^{a}	− 4.5	62.8	+ 1.0	70.9	+ 1.3	80.1	+ 2.1	84.7	+ 3.4	83.8	+ 3.8	71.7	− 2.6	65.4	+ 2.6	52.8	+ 1.4	39.8^{a}	− 2.6	61.7	+ 0.2

Departures from the normal temperatures are based on records of 10 years or more. Reference letters ^{a} ^{b} ^{c} appearing in the table indicate number days missing.

COOPERATIVE OBSERVERS

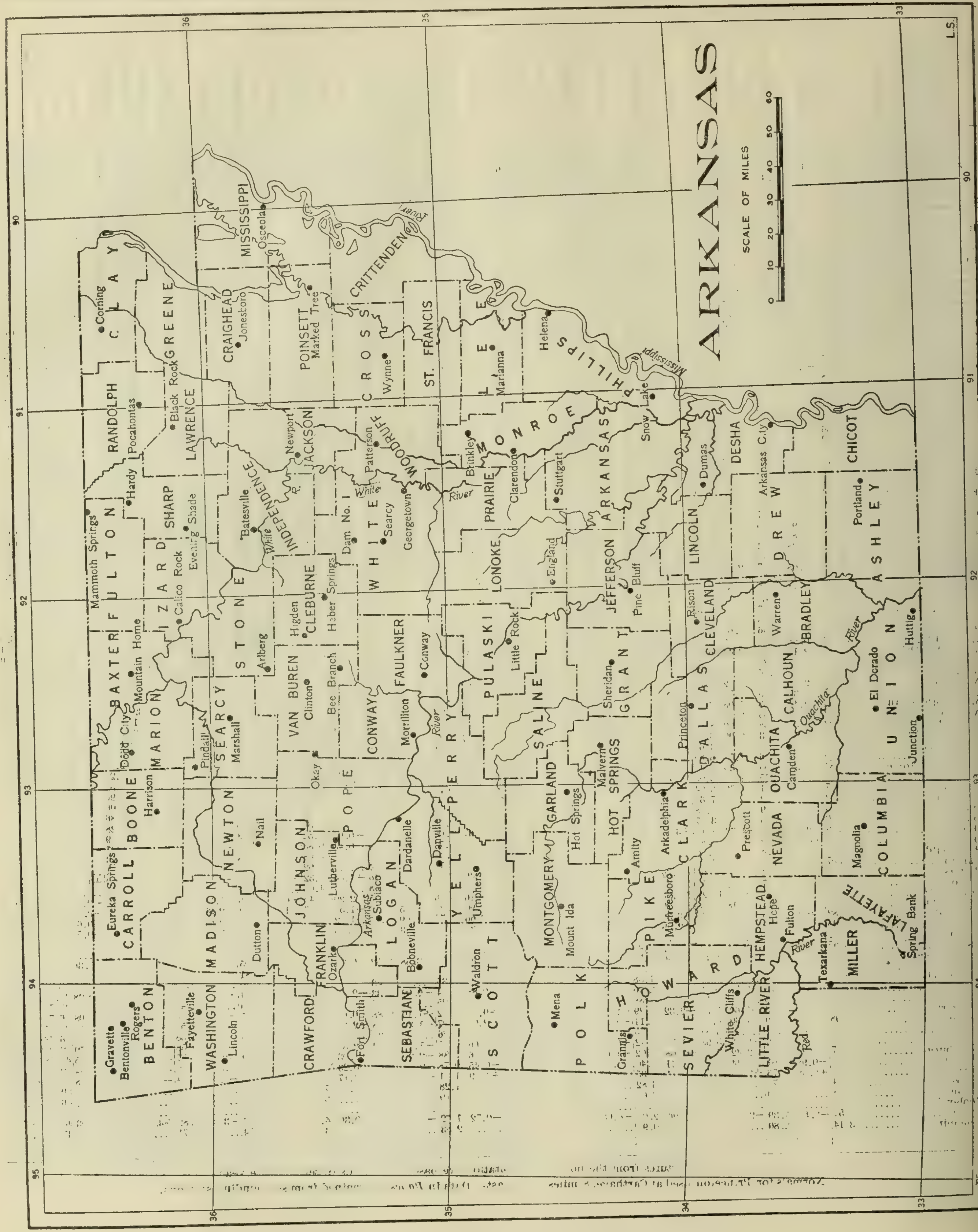
Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
Amity	J. W. Campbell	Deer	Mrs. J. M. Essex	Little Rock	U. S. Weather Bureau	Portland	W. E. Edmiston
Arkadelphia	W. K. Bown	De Valls Bluff	Mrs. Frank O'Rourke	Lutherville	H. G. Lenhardt	Prescott	Craig Williams
Arkansas City	Herbert Neff	Dumas	Ben Johnson	Madison	J. W. Eppes	Quitman	G. M. Hooten
Arlberg	J. D. Reeves	Dutton	J. M. Ricketts	Magnolia	State Agr. School	Rison	Mrs. M. V. Tisdale
Batesville	Mrs. Lelia I. Teter	El Dorado	J. J. Babb	Mammoth Spring	S. F. Whittaker	Rogers	Carl A. Starck
Bee Branch	J. E. Scanlan	England	Dr. R. H. Hardin	Marianna	C. N. Houck	Rosebud	Miss Clarice Maddox
Bentonville	U. S. Weather Bureau	Eureka Springs	Geo. W. Nichoalds	Marked Tree	Chas. Walton	St. Francis	S. T. Rooney
Big Lake Outlet	C. J Brooks	Fayetteville	University of Ark.	Marshall	A. J. Parks	Searcy	Arthur D. Smith
Black Rock	Vernon C. Howe	Fort Smith	U. S. Weather Bureau	Mena	E. W. St. John	Story	S. C. Story
Blytheville	Samuel Norris	Freeman Springs	J. R. Mc Cuiston	Morrilton	Miss Ruby Cook	Stuttgart	Mrs. Kress Swim
Booneville	F. H. Randolph	Fulton	T. J. Logan	Mountain Home	B. S. Halbert	Subiaco	New Subiaco Abbey
Brinkley	Robt. J. Torry	Georgetown	Mrs. W. R. Owens	Mount Ida	G. A. Whittington	Sunset	Walter James
Calico Rock	E. R. Wiseman	Grannis	W. E. McVay	Newport	J. D. Henderson	Texarkana	H. S. Brashear
Camden	J M. Knight	Gravette	Max W. Schmidt	Norman	U. S. Forest Service	Thornburg	Edward E. Holmes
Carthage	P. K. Wylie	Harrison	Louis R. Keck	Oden	U. S. Forest Service	Waldron	Dr. Cheves Bevill
Center Point	John C. Floyd	Helena	James A. Burnett	Okay	Charles R. Jackson	Warren	Miss Sue Hoyle
Clarendon	J. W. Bishop	Higden	Trumon Brown	Osceola	Mrs. Ruth H. Douglass	Waters	J. R. Huddleston
Clinton	A. L. Stephens	Highland	J. O. Cooley	Ozark	Orkney O. Milton	Wilson	D. O. Anderson
Conway	E. E. Cordrey	Hope	N. P. O'Neal	Paragould	W. R. Heagler	Wooley Hollow	Ross Shumate
Corning	Winfred D. Polk	Hot Springs	National Park Service	Parkin	Carroll King	Wynne	R. T. Cobbs
Cotter	O. B. McSpadden	Index	H. G. Sanderson	Patterson	W. E. Baker	Yancopin	W. E. Barton
Crossett	G. A. Gifford	Jessieville	U. S. Forest Service	Piggott	V. C. Wright		
Danville	J. M. Patterson	Jonesboro	Benedictine Sisters	Pine Bluff	Miss Theresa Scheu		
Dardanelle	Geo. N. Goodier	Lead Hill	J. H. Crosswhite	Pocoahntas	Benedictine Sisters		

Monthly and Annual Precipitation for the Year 1934, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Amity	3.98	−0.53	1.76	−1.78	5.71	+0.97	4.26	−0.91	4.01	−1.18	1.05	−3.85	2.97	−0.58	1.11	−2.87	6.38	+3.28	0.28	−2.98	5.99	+2.30	5.13	+1.08	42.63	− 7.05
Arkadelphia	3.69	−0.75	1.78	−1.90	6.51	+1.71	5.30	+0.16	3.46	−2.10	1.11	−3.68	1.34	−2.49	1.61	−2.45	4.12	+1.13	0.50	−2.62	7.05	+3.36	6.78	+1.90	43.25	− 7.73
Arkansas City	4.53	+0.02	4.17	−0.20	8.54	+3.12	0.57	−4.84	3.37	−1.30	2.67	−1.19	1.98	−1.64	0.60	−3.15	6.12	+3.26	0.53	−1.84	12.87	+8.98	4.62	−0.38	50.57	+ 1.34
Arlberg	2.79	−2.11	1.48	−1.98	7.58	+3.95	5.35	−0.25	3.28	−2.21	2.04	−3.16	1.66	−2.38	5.35	+0.41	8.26	+4.66	1.79	−2.77	4.90	+1.24	2.68	−1.84	47.06	− 6.44
Batesville	2.26	−2.27	2.07	−1.22	8.60	+4.41	5.78	+0.78	5.24	+0.24	2.89	−1.12	4.33	+1.07	4.55	+0.12	4.21	+0.52	0.51	−2.75	5.51	+2.02	2.55	−1.14	48.50	+ 0.66
Bee Branch	2.33	−2.06	1.08	−1.95	7.64	+2.96	7.16	+2.30	3.39	−1.74	2.46	−1.82	0.81	−2.60	1.42	−2.52	5.07	+1.85	0.54	−2.81	6.07	+2.59	3.46	−0.42	41.43	− 6.22
Bentonville	1.99	−0.75	0.86	−1.29	2.10	−1.47	2.07	−2.79	2.97	−1.96	2.53	−2.79	1.93	−1.77	4.43	+0.25	7.12	+3.34	1.34	−2.16	6.42	+3.28	0.95	−1.42	34.71	− 9.53
Big Lake Outlet.‡‡	1.73	......	1.85	......	8.06	......	2.62	......	2.75	......	2.18	......	0.97	......	3.24	......	3.81	......	0.80	......	8.74	......	3.55	......	40.30	......
Black Rock	2.47	−2.08	2.11	−0.93	7.88	+3.73	2.95	−2.61	2.20	−2.97	1.15	−2.73	1.20	−2.45	4.93	+0.52	5.27	+1.55	0.64	−2.70	6.29	+2.13	3.14	−0.58	40.23	− 9.12
Blytheville	1.78	......	1.76	......	6.68	......	2.52	......	4.29	......	2.66	......	1.20	......	4.77	......	3.59	......	0.86	......	12.75	......	3.69	......	46.55	......
Booneville	2.85	−1.32	1.00	−1.13	4.68	+1.42	2.76	−2.36	4.87	−0.55	3.81	−0.60	1.43	−1.85	1.93	−1.39	11.09	+7.72	0.82	−2.65	4.58	+1.15	1.42	−1.74	41.24	− 3.30
Brinkley	2.44	−2.66	2.07	−1.93	6.85	+1.21	2.34	−3.22	4.58	−0.41	2.43	−1.14	2.63	−1.20	0.44	−3.08	2.96	−0.52	1.82	−1.28	8.18	+3.99	3.88	−0.98	40.62	−11.12
Calico Rock	2.12	−1.52	1.25	−1.22	4.75	+1.36	2.90	−2.03	2.43	−2.29	3.55	−0.50	0.27	−3.17	4.18	+0.78	4.21	+0.63	0.55	−2.62	4.40	+1.88	2.15	−1.07	32.76	−11.83
Camden	3.49	−1.44	3.51	−0.37	10.11	+5.04	4.87	−0.03	2.82	−1.78	1.40	−2.94	2.16	−1.63	0.31	−2.78	3.12	−0.19	0.00	−2.90	7.30	+3.16	5.68	+1.00	44.77	− 4.86
Carthage	3.92	−0.95	1.34	−2.21	7.97	+2.91	5.18	+0.12	3.20	−1.87	5.50	+1.53	1.50	−2.56	2.29	−0.49	3.44	+0.15	0.08	−3.06	6.21	+2.47	6.51	+1.31	47.14	− 2.65
Center Point	3.19	−0.88	2.00	−1.37	......	......	......	......	......	......	......	......	......	......	0.50	−2.34	5.31	+1.80	0.14	−3.12	5.56	+2.01	5.68	+1.30	......	......
Clarendon	2.93	−1.59	1.98	−1.84	7.52	+2.44	2.14	−3.95	3.30	−1.65	4.11	+0.56	2.29	−0.69	0.95	−3.19	3.14	−0.55	1.30	−2.07	9.08	+5.17	4.74	−0.26	43.48	− 7.62
Clinton	3.06	−0.98	1.48	−1.85	6.94	+1.99	4.71	−0.59	2.11	−3.44	3.53	−0.02	0.81	−1.56	1.69	−2.93	6.07	+2.35	1.15	−3.33	5.32	+0.69	3.24	−1.06	40.11	−10.73
Conway	3.25	−1.11	1.81	−1.78	8.16	+3.64	4.13	−0.73	4.53	−0.54	3.31	−0.68	0.44	−2.93	1.48	−1.97	5.29	+1.88	1.09	−1.78	7.01	+3.08	5.08	+1.02	45.58	− 1.90
Corning	2.69	−1.75	2.27	−1.09	8.29	+3.75	2.23	−2.97	1.12	−3.44	3.51	−0.70	1.38	−2.08	2.62	−1.06	5.06	+1.36	0.71	−2.65	5.29	+1.71	2.31	−1.30	37.48	−10.22
Cotter	1.68	......	1.62	......	4.78	......	3.02	......	2.16	......	6.68	......	0.80	......	2.76	......	6.29	......	0.73	......	3.65	......	1.88	......	36.05	......
Crosset	5.50	+0.34	5.49	+2.45	7.71	+2.66	1.47	−3.35	3.48	−1.04	3.32	−1.42	4.36	+0.01	1.04	−2.61	2.85	+0.30	1.75	−2.49	9.15	+4.89	4.91	+0.69	51.03	+ 0.43
Danville	2.68	−1.45	1.49	−0.90	5.07	+1.29	2.79	−2.52	5.11	+0.29	0.90	−3.55	1.81	−1.35	2.94	−0.49	7.44	+3.87	0.98	−3.45	5.87	+2.63	2.61	−0.69	39.69	− 6.32
Dardanelle	4.11	+0.65	0.94	−2.02	5.75	+1.49	3.81	−0.46	2.58	−2.83	1.75	−1.95	0.74	−2.63	3.71	+0.05	6.62	+3.19	1.79	−1.22	3.93	+0.42	2.65	−0.64	38.38	− 5.95
Deer	......	......	......	......	......	......	......	......	......	......	......	......	......	......	5.71	......	5.74	......	0.15	......	4.18	......	1.78	......	......	......
De Valls Bluff	*2.35*	......	*2.05*	......	8.07	......	2.56	......	3.20	......	3.20	......	1.07	......	0.69	......	......	......	......	......	......	......	......	......	......	......
Dumas	3.00	−1.87	2.77	−1.22	5.58	−0.56	2.88	−2.08	2.97	−2.32	4.83	+1.04	0.47	−3.13	3.36	−0.11	3.17	−0.17	0.40	−3.03	12.82	+8.76	6.78	+1.15	49.03	− 3.54
Dutton	2.66	−1.52	0.56	−2.19	4.89	+0.96	4.84	−1.29	4.18	−2.11	4.67	−0.89	1.59	−2.62	3.22	−0.90	12.73	+7.85	0.55	−3.26	6.17	+2.70	1.94	−1.74	48.00	− 5.01
El Dorado	4.62	+0.50	4.36	+0.31	10.09	+5.04	1.95	−3.66	4.49	−0.41	3.46	−0.43	1.52	−2.42	0.26	−3.05	3.37	+0.34	0.12	−3.12	9.20	+4.91	3.84	−1.77	47.28	− 3.76
England	2.61	−2.03	1.35	−2.50	9.80	+4.99	4.70	−1.31	3.80	−0.59	5.59	−1.91	1.39	−1.24	1.50	−2.52	2.90	−0.63	1.56	−1.71	4.15	+0.45	6.85	+2.20	46.20	− 2.98
Eureka Springs	2.71	−0.45	1.56	−0.97	3.77	+0.02	4.75	−0.29	2.61	−3.16	2.43	−3.32	1.32	−2.77	6.95	+2.02	9.36	+5.07	1.67	−1.83	5.99	+2.72	1.62	−1.21	44.74	− 4.17
Fayetteville	2.04	−0.82	1.49	−0.83	2.94	−0.67	4.07	−0.56	2.56	−2.95	3.53	−0.99	1.35	−2.80	3.02	−1.09	9.16	+5.51	1.03	−2.33	7.63	+4.66	1.15	−1.60	39.97	− 4.47
Fort Smith	2.11	−0.43	0.78	−1.78	2.83	−0.18	4.05	+0.11	2.44	−2.38	0.99	−2.73	0.15	−3.22	1.68	−1.60	10.49	+7.50	0.67	−2.32	6.75	+3.88	1.06	−1.70	34.00	− 4.85
Freeman Springs‡‡	3.14	......	1.07	......	4.59	......	3.88	......	1.74	......	3.42	......	1.50	......	3.50	......	8.36	......	0.28	......	5.34	......	1.94	......	38.76	......
Fulton	3.88	−0.47	2.85	−0.20	6.06	+1.58	3.70	−0.84	3.11	−1.50	2.82	−1.01	1.05	−2.27	0.91	−1.81	1.61	−0.96	T.	−2.60	7.23	+3.67	4.81	+1.18	38.03	− 5.25
Georgetown	2.42	−2.96	2.07	−1.32	9.46	+4.43	3.33	−2.41	3.67	−1.06	1.85	−2.47	1.65	−1.04	4.64	+0.81	4.50	+0.56	0.62	−3.12	6.10	+2.63	4.27	+0.03	44.58	− 5.92
Grannis	2.75	−1.96	2.46	−1.38	5.16	+1.00	5.43	−0.70	2.76	−3.65	1.97	−2.92	2.43	−1.64	0.67	−2.67	7.90	+3.73	0.40	−4.82	6.82	+2.20	4.79	+0.17	43.54	−12.64
Gravette	1.92	−0.80	1.00	−0.87	*2.24*	−1.46	*3.11*	−1.49	2.96	−2.60	2.09	−3.55	0.04	−4.07	4.30	+0.22	8.41	+4.59	1.32	−2.19	5.98	+2.87	1.09	−1.25	34.46	−10.60
Harrison	1.65	−1.38	2.64	+0.16	4.07	+0.98	3.50	−1.46	4.29	−0.94	3.12	−1.08	0.45	−3.58	3.50	−0.30	6.86	+2.76	0.69	−2.47	3.87	+1.14	1.73	−0.88	36.37	− 7.05
Helena	3.24	−2.10	2.10	−2.40	7.01	+0.84	2.74	−2.99	2.87	−1.83	4.45	+0.56	3.47	−0.29	3.58	−0.11	2.43	−0.98	1.14	−1.62	11.52	+6.96	4.74	−0.22	49.29	− 4.18
Higden	2.57	−2.08	0.37	−2.26	*8.45*	+3.42	8.18	+2.15	3.61	−2.69	2.21	−1.99	1.48	−1.38	1.30	−3.50	4.31	+0.45	0.95	−3.59	5.59	+1.55	3.24	−0.61	42.26	−10.53
Highland	4.37	−0.15	2.74	−0.19	4.82	+0.75	1.82	−3.58	3.52	−0.59	1.21	−2.86	3.84	+1.37	0.20	−3.25	6.20	+3.00	0.00	−4.10	6.38	+2.67	6.80	+3.48	41.90	− 3.44
Hope	3.11	−1.81	3.17	−0.83	6.58	+1.51	5.14	−0.13	4.59	−0.62	2.41	−1.37	1.77	−2.55	0.12	−3.25	3.05	−0.15	0.00	−3.38	9.62	+5.18	5.97	+1.56	45.53	− 5.84
Hot Springs	2.67	−2.22	1.69	−1.94	6.68	+1.75	5.38	−0.64	4.49	−1.50	6.71	+2.12	1.45	−2.76	4.05	+0.31	4.87	+1.40	1.42	−1.86	7.45	+3.30	6.81	+2.42	53.67	+ 0.38
Index	2.82	......	1.77	......	4.32	......	6.86	......	1.88	......	3.03	......	1.54	......	0.96	......	3.35	......	0.49	......	6.51	......	3.65	......	37.18	......
Jessieville	3.02	......	1.08	......	9.47	......	3.05	......	3.45	......	1.45	......	1.05	......	1.50	......	4.75	......	0.25	......	4.93	......	3.05	......	37.05	......
Jonesboro	2.50	−2.51	1.96	−1.66	9.64	+4.97	2.67	−2.15	5.55	+1.29	0.70	−3.23	0.62	−2.61	3.24	−0.31	3.58	+0.18	0.59	−2.77	7.14	+3.72	3.45	−0.92	41.64	− 6.00
Lead Hill	2.02	−0.88	2.14	−1.20	3.83	−0.26	2.34	−1.87	4.05	−1.60	2.56	−2.23	1.43	−2.85	3.36	−0.68	5.02	+1.39	0.67	−2.74	3.93	+0.31	1.63	−1.54	32.98	−14.15
LITTLE ROCK	2.63	−2.10	1.40	−2.44	6.84	+2.22	5.81	+0.62	2.74	−2.04	3.17	−0.59	2.28	−1.22	2.15	−1.60	4.00	+0.83	0.52	−2.19	4.93	+0.74	5.90	+1.76	42.37	− 6.01
Lutherville......‡‡	2.95	−0.91	1.22	−1.78	4.41	+0.54	3.75	−1.15	2.03	−3.12	2.20	−2.17	0.20	−3.49	1.06	−2.97	6.72	+2.68	0.38	−3.58	5.73	+2.25	3.36	−0.54	34.01	−14.24
Madison	3.00	......	1.84	......	7.22	......	1.88	......	5.64	......	2.16	......	1.65	......	2.51	......	1.88	......	1.12	......	12.36	......	5.00	......	46.26	......
Magnolia	3.27	−2.13	2.89	−0.62	5.30	+0.44	5.82	+1.00	4.74	−0.41	1.45	−2.05	2.10	−1.34	0.15	−2.81	1.44	−0.87	T.	−3.55	7.83	+3.60	4.69	−0.12	39.68	− 8.86
Malvern	4.17	−1.37	1.88	−1.78	7.33	+2.17	5.53	+0.35	4.78	−0.01	3.95	−0.21	1.42	−2.10	......	......	......	......	......	......	......	......	......	......	......	......
Mammoth Spring	1.39	−2.41	1.63	−1.08	2.51	−0.82	1.97	−3.29	1.86	−2.72	2.00	−2.47	1.08	−2.33	5.88	+1.52	3.87	+0.06	1.69	−1.64	4.68	+1.32	2.80	−0.48	31.36	−14.84
Marianna	2.82	−1.77	1.53	−2.23	6.24	+1.21	1.88	−2.91	3.32	−1.11	4.17	+0.23	0.95	−2.11	2.34	−0.69	1.97	−0.91	2.05	−1.52	10.43	+7.21	5.95	+1.70	43.65	− 2.90
Marked Tree	2.22	−3.31	1.68	−1.90	8.53	+3.65	2.55	−3.05	3.63	−1.34	1.65	−1.62	5.71	+2.45	4.59	+0.90	4.31	+1.47	0.93	−3.35	9.14	+4.93	3.56	−0.86	48.50	− 2.03
Marshall	2.21	−1.55	1.43	−0.99	6.09	+2.14	4.42	−2.53	3.56	−3.35	1.81	−3.27	2.26	−1.52	4.07	−1.14	8.87	+4.61	0.87	−3.42	5.54	+1.84	1.82	−1.89	42.95	−11.07
Mena	2.32	−1.55	1.71	−1.44	4.65	0.00	3.68	−2.13	2.29	−4.11	0.91	−3.97	2.62	−1.42	3.26	−1.08	9.28	+5.46	0.44	−3.23	5.49	+2.01	3.00	−0.81	39.65	−12.27
Morrilton	2.96	−1.14	1.16	−1.50	6.84	+2.92	3.47	−1.84	2.28	−2.37	3.87	−0.01	0.62	−1.83	2.12	−1.10	5.63	+2.87	0.75	−3.39	6.31	+2.49	2.77	−0.64	38.78	− 5.54
Mountain Home	1.84	−1.39	2.00	−0.36	4.46	+0.74	2.35	−2.65	1.95	−3.70	3.63	−1.20	0.12	−4.22	4.23	+0.11	6.90	+2.56	0.54	−3.83	3.62	+0.53	1.20	−2.50	32.84	−15.91
Mount Ida	3.00	−1.35	1.75	−2.19	6.08	+1.68	4.14	−1.76	3.34	−2.55	2.43	−1.99	1.57	−2.00	3.75	+0.39	7.31	+3.73	0.80	−3.04	6.80	+2.70	4.31	+0.29	45.28	− 6.09
Newport	2.77	−2.16	1.91	−1.70	9.94	+5.20	3.70	−1.33	2.91	−1.44	0.76	−3.14	2.62	−0.44	4.39	+0.91	5.79	+2.18	1.10	−1.78	6.15	+2.02	3.96	−0.10	46.00	− 1.78
Norman	3.02	......	1.82	......	7.60	......	2.80	......	5.72	......	2.47	......	0.64	......	3.74	......	7.48	......	0.75	......	6.45	......	5.06	......	47.55	......
Oden	2.98	......	1.29	......	5.08	......	4.18	......	2.67	......	1.48	......	0.76	......	3.63	......	6.96	......	0.58	......	4.46	......	3.86	......	37.93	......
Okay	3.30	......	2.16	......	3.77	......	3.82	......	3.36	......	1.34	......	2.74	......	0.98	......	3.50	......	0.40	......	6.40	......	4.28	......	35.35	......
Osceola	1.99	−2.95	1.65	−1.79	8.10	+3.01	2.50	−1.96	3.65	−1.56	1.71	−1.67	1.09	−2.38	3.27	+0.05	3.52	+0.68	1.34	−1.46	10.11	+5.72	2.89	−1.39	41.82	− 5.70
Ozark	3.00	+0.03	0.89	−1.58	3.87	−0.03	4.08	−0.60	2.82	−2.67	1.73	−2.77	1.77	−1.63	3.45	−0.43	9.85	+6.57	0.08	−3.14	4.42	+1.23	1.27	−2.22	37.28	− 7.24
Paragould	2.96	......	3.24	......	9.40	......	3.01	......	3.95	......	1.23	......	1.11	......	5.68	......	4.08	......	0.58	......	6.15	......	4.73	......	46.12	......
Parkin	2.57	......	1.65	......	7.60	......	1.65	......	4.40	......	3.58	......	1.19	......	2.84	......	1.92	......	1.33	......	10.19	......	4.71	......	43.63	......
Patterson	2.32	−2.89	2.64	−0.72	9.00	+3.52	2.27	−3.80	4.77	−0.15	2.42	−2.49	2.18	−0.89	4.46	+1.44	4.32	+1.43	0.75	−3.11	5.99	+1.57	5.89	+1.75	47.01	− 4.34
Piggott	2.26	......	2.07	......	7.52	......	2.27	......	1.69	......	3.21	......	1.74	......	4.88	......	4.06	......	0.59	......	7.49	......	3.29	......	41.07	......
Pine Bluff	3.30	−1.86	2.97	−0.89	10.29	+4.98	3.72	−1.79	3.54	−1.16	2.76	−1.16	0.46	−2.98	0.95	−2.20	3.49	−0.07	1.89	−1.02	6.63	+2.51	4.99	−0.08	44.99	− 5.72
Pocahontas	2.55	−1.91	2.15	−1.18	6.78	+2.20	2.18	−2.80	2.31	−2.54	4.30	+0.90	1.25	−2.95	6.19	+1.50	5.17	+1.60	0.94	−2.37	5.76	+2.19	3.21	−0.49	42.79	− 5.85
Portland	3.82	−0.44	5.76	+1.56	8.62	+3.39	1.82	−3.41	2.32	−3.48	4.06	+0.66	2.75	−1.09	1.64	−1.72	7.21	+4.50	0.89	−2.01	9.40	+5.25	4.99	−0.60	53.28	+ 2.61
Prescott	3.05	−1.46	2.58	−0.91	6.85	+2.39	3.17	−1.99	3.78	−1.25	4.01	+0.21	2.18	−1.03	0.15	−3.13	2.78	−0.31	0.07	−2.59	7.79	+4.34	4.90	+0.54	41.31	− 5.19
Quitman	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	2.74	......	......	......
Rison	3.55	−1.85	2.96	−0.43	......	......	4.41	−0.29	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Rogers (near)	2.14	−0.44	1.21	−0.68	2.82	−0.56	2.79	−1.85	3.16	−2.23	2.94	−1.95	0.50	−3.58	3.52	−0.23	7.59	+3.80	1.05	−2.05	6.29	+3.35	1.06	−1.36	35.07	− 7.78
Rosebud. ......‡‡	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	4.28	......	0.81	......	4.89	......	5.39	......	......	......
St. Francis	2.88	......	2.38	......	8.08	......	1.58	......	1.85	......	2.68	......	2.35	......	7.43	......	4.47	......	1.40	......	8.01	......	3.42	......	46.53	......
Searcy	2.15	−2.46	2.28	−0.79	9.93	+5.65	2.90	−2.33	2.72	−1.82	3.08	−0.88	1.64	−0.92	1.33	−2.40	4.47	+1.49	0.74	−2.20	5.86	+1.41	4.39	+0.28	41.49	− 4.97
Story	3.61	......	1.76	......	4.74	......	5.88	......	4.69	......	1.69	......	2.25	......	4.15	......	6.84	......	0.80	......	6.48	......	4.90	......	47.79	......
Stuttgart	2.61	−2.42	2.33	−1.60	7.84	+2.32	2.29	−2.82	3.44	−1.36	4.37	+0.43	2.52	−1.10	2.88	−0.65	2.41	−0.90	1.97	−1.23	8.18	+4.13	5.85	+1.08	46.72	− 4.12
Subiaco	1.98	−1.62	1.09	−1.60	4.92	+1.20	3.14	−1.54	2.09	−3.30	2.05	−2.01	1.97	−1.34	1.48	−2.30	9.01	+5.67	0.60	−2.79	4.51	+1.46	2.07	−1.12	34.91	− 9.29
Sunset	1.84	......	1.41	......	3.88	......	2.75	......	3.01	......	3.81	......	2.26	......	3.30	......	14.13	......	1.35	......	7.68	......	1.26	......	46.68	......
Texarkana	3.63	−0.02	2.59	−0.53	5.98	+1.75	5.42	+0.38	2.86	−1.61	4.22	+0.66	2.25	−1.17	0.22	−2.85	3.35	+0.44	0.35	−2.78	7.58	+4.30	4.54	+0.79	42.99	− 0.64
Thornburg	3.57	−0.95	1.44	−2.42	7.91	+3.68	4.02	−1.69	5.61	−0.11	3.65	−1.46	1.88	−2.31	2.69	−1.03	4.94	+1.46	0.72	−3.26	6.07	+2.71	4.24	+0.45	46.78	− 4.93
Waldron	2.98	−0.98	1.61	−1.44	4.14	+0.41	3.40	−2.68	4.94	−0.54	3.80	−0.45	0.78	−2.66	2.39	+0.23	11.14	+7.77	0.87	−3.37	4.59	+0.75	1.70	−1.84	42.34	− 5.26
Warren	5.18	+0.58	4.73	+0.62	8.51	+3.11	3.35	−2.01	4.33	−0.39	5.22	+1.49	1.11	−2.23	3.76	+0.17	2.88	−1.10	T.	−3.61	8.74	+4.80	6.20	+0.98	54.01	+ 2.41
Waters	2.84	......	1.70	......	5.34	......	3.82	......	1.53	......	2.05	......	1.28	......	2.46	......	7.32	......	0.90	......	5.45	......	4.46	......	39.15	......
Wilson	2.18	......	2.10	......	8.00	......	2.69	......	3.08	......	2.03	......	4.19	......	3.50	......	3.75	......	1.15	......	11.08	......	3.18	......	46.93	......
Wooley Hollow	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	4.30	......	......	......
Wynne	2.54	−2.55	1.39	−2.11	7.44	+2.26	2.02	−4.03	3.10	−1.70	4.53	+0.72	1.72	−1.67	3.58	−0.36	4.40	+0.80	0.47	−3.53	8.82	+4.99	4.78	+0.03	44.79	− 7.15
Yancopin	3.14	......	2.80	......	6.00	......	0.91	......	3.19	......	6.06	......	2.53	......	2.00	......	3.42	......	0.54	......	11.71	......	5.09	......	47.39	......

Departures from the normal precipitation are based on records of ten or more years.

Normals for Princeton used at Carthage, 8 miles northeast. Data in *Italics* determined from surrounding stations.


ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
36
35
34
33
90
91
92
93
94
95
L.S.
BENTON
Gravette
Bentonville
Rogers
CARROLL
Eureka Springs
BOONE
Harrison
BAXTER
Mountain Home
MARION
Dodd City
FULTON
Mammoth Springs
IZARD
Calico Rock
Evening Shade
SHARP
Hardy
RANDOLPH
Pocahontas
CLAY
Corning
GREENE
LAWRENCE
Black Rock
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
POINSETT
Marked Tree
CRITTENDEN
CROSS
Wynne
ST. FRANCIS
LEE
Marianna
PHILLIPS
Helena
Mississippi
River
WASHINGTON
Fayetteville
Lincoln
MADISON
Dutton
NEWTON
Nail
SEARCY
Marshall
Pindall
STONE
Arlberg
INDEPENDENCE
Batesville
White
JACKSON
Newport
WOODRUFF
Patterson
CLEBURNE
Higden
Heber Springs
WHITE
Searcy
Dam No. 1
Georgetown
MONROE
Brinkley
PRAIRIE
Clarendon
ARKANSAS
Stuttgart
Snow Lake
DESHA
Arkansas City
Dumas
CHICOT
CRAWFORD
FRANKLIN
Ozark
JOHNSON
Lutherville
POPE
Okay
VAN BUREN
Clinton
Bee Branch
CONWAY
Morrilton
FAULKNER
Conway
PULASKI
Little Rock
LONOKE
England
JEFFERSON
Pine Bluff
LINCOLN
DREW
Portland
ASHLEY
SEBASTIAN
Fort Smith
Booneville
LOGAN
Subiaco
Arkansas
Dardanelle
YELL
Danville
PERRY
River
SALINE
GRANT
Sheridan
CLEVELAND
Rison
Warren
BRADLEY
Huttig
SCOTT
Waldron
Umphers
MONTGOMERY
Mount Ida
GARLAND
Hot Springs
HOT SPRING
Malvern
DALLAS
Princeton
CALHOUN
Ouachita
UNION
El Dorado
Junction
POLK
Mena
PIKE
Amity
Murfreesboro
CLARK
Arkadelphia
OUACHITA
Camden
COLUMBIA
Magnolia
HOWARD
Grannis
SEVIER
White Cliffs
NEVADA
Prescott
HEMPSTEAD
Hope
Fulton
LITTLE RIVER
MILLER
Texarkana
LAFAYETTE
Spring Bank
Red
River

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest annual	Least annual	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891...	60.5	−0.9	108	6	44.49	− 3.66	57.93	29.51	....	94	180	94	91
1892...	60.0	−1.4	106	−14	57.75	+ 9.60	76.58	41.34	8.7	98	159	98	109
1893...	60.7	−0.7	103	−13	47.91	− 0.24	69.24	28.40	6.4	75	185	95	85
1894...	61.3	−0.1	108	−22	49.05	+ 0.90	59.29	30.13	5.9	75	176	97	92
1895...	59.8	−1.6	105	−17	44.69	− 3.46	61.32	31.28	10.5	83	167	92	106
1896...	62.8	+1.4	112	4	37.72	−10.43	48.00	25.70	2.9	79	171	97	98
1897...	62.3	+0.9	111	− 2	46.13	− 2.02	71.77	34.88	3.9	76	178	96	91
1898...	61.4	0.0	108	− 4	56.82	+ 8.67	84.99	67.70	3.0	89	158	106	101
1899...	60.6	−0.8	112	−25	41.49	− 6.66	56.56	29.98	6.6	76	170	105	90
1900...	62.0	+0.6	108	− 5	49.03	+ 0.88	66.75	37.54	2.2	92	150	120	95
1901...	61.1	−0.3	116	− 6	35.27	−12.88	51.61	22.77	2.9	65	175	111	79
1902...	60.5	−0.9	108	− 2	51.70	+ 3.55	67.18	35.12	8.3	81	150	121	94
1903...	59.3	−2.1	105	−12	44.62	− 3.53	65.00	34.48	4.3	84	162	107	96
1904...	60.5	−0.9	105	− 5	43.45	− 4.70	56.53	31.39	2.9	78	169	112	85
1905...	59.6	−1.8	106	−29	62.17	+14.02	92.60	42.50	12.1	103	146	107	112
1906...	60.3	−1.1	101	− 7	55.99	+ 7.84	85.58	38.01	4.3	95	156	96	113
1907...	61.9	+0.5	113	− 8	49.73	+ 1.58	68.18	34.63	2.0	86	163	91	111
1908...	62.1	+0.7	103	0	48.88	+ 0.73	63.67	34.91	2.2	92	158	100	108
1909...	62.1	+0.7	111	−19	44.05	− 4.10	57.21	31.37	6.5	83	176	93	96
1910...	61.0	−0.4	105	−13	45.21	− 2.94	61.17	25.39	11.0	84	172	109	84
1911...	62.8	+1.4	107	− 9	49.54	+ 1.39	70.00	35.67	1.7	95	152	117	96
1912...	59.8	−1.6	106	−16	45.83	− 2.32	59.65	27.89	7.8	81	171	110	85
1913...	61.6	+0.2	108	− 1	54.01	+ 5.86	72.04	35.70	5.6	89	158	107	100
1914...	61.4	0.0	110	−11	42.85	− 5.30	54.06	30.13	8.6	82	149	109	107
1915...	60.6	−0.8	107	− 3	53.08	+ 4.93	67.54	40.20	4.7	82	163	81	121
1916...	61.9	+0.5	107	−16	42.18	− 5.97	53.47	27.48	6.3	75	191	76	99
1917...	59.2	−2.2	106	−21	40.72	− 7.43	70.88	19.80	12.1	75	187	74	104
1918...	61.4	0.0	115	−23	44.64	− 3.51	57.78	38.62	18.3	75	174	76	115
1919...	61.6	+0.2	113	−10	54.52	+ 6.37	71.94	31.31	3.4	91	166	75	124
1920...	60.7	−0.7	105	− 2	54.28	+ 6.13	73.02	28.97	2.5	90	174	74	118
1921...	64.2	+2.8	107	− 3	47.46	− 0.69	61.12	29.29	11.9	83	178	85	102
1922...	62.7	+1.3	111	7	46.50	− 1.65	69.10	32.02	2.6	87	170	83	112
1923...	61.6	+0.2	109	2	59.85	+11.70	82.06	43.81	2.3	102	160	82	123
1924...	60.1	−1.3	110	− 8	37.03	−11.12	49.74	23.83	7.9	74	193	68	105
1925...	63.0	+1.6	113	− 6	42.19	− 5.96	56.56	24.42	2.2	74	184	81	100
1926...	61.3	−0.1	110	−17	49.24	+ 1.09	68.26	38.29	6.0	88	175	79	111
1927...	63.1	+1.7	105	− 2	65.85	+17.70	91.72	31.93	2.4	99	161	85	119
1928...	61.1	−0.3	105	−10	50.50	+ 2.35	63.01	32.47	0.9	86	183	76	107
1929...	60.5	−0.9	110	−20	46.10	− 2.05	58.72	33.83	13.9	98	162	83	120
1930...	61.7	+0.3	115	−28	46.62	− 1.53	61.75	30.94	5.9	78	192	75	98
1931...	62.5	+1.1	107	0	46.98	− 1.17	67.27	37.09	0.8	94	172	82	111
1932...	62.0	+0.5	108	− 5	51.11	+ 2.97	65.78	33.39	4.4	95	175	85	106
1933...	63.2	+1.8	109	−13	49.08	+ 0.93	64.71	38.24	3.4	93	171	84	110
1934...	62.8	+1.4	116	2	42.47	− 5.68	54.01	31.36	2.4	81	190	84	91
Period	61.4	......	116	−29	48.15	....	92.60	19.80	5.7	85	170	92	103

(*Continued from Page 50*)

for November in northwestern counties, Eureka Springs reporting 11.0 inches on the 29th and 30th and Bentonville and Fayetteville over 9.0 inches. Monthly totals of precipitation ranged from 3.62 inches at Mountain Home to 12.87 inches at Arkansas City, ten stations having monthly totals exceeding 10.00 inches. Killing frost occurred in the eastern half of the State on the 12th and in nearly all of the southwestern portion on the 23d.

December: Temperatures were mostly below normal the first half of the month, while they were generally above the latter half except for four or five days. The average temperature for the State was 1.2° below normal, while precipitation was 0.51 inch below. Monthly amounts ranged from 0.95 inch at Bentonville to 6.85 inches at England. Snow fell on the 7th, 10th, and the night of the 18th-19th but measureable amounts were reported from only 20 stations. The greatest depth for the month was 2.3 inches at Eureka Springs. The weather was favorable for out-door work the first half of the month but generally unfavorable the latter half. Wheat, oats, and other winter crops were in good to excellent condition at the close of the month.

KILLING FROSTS, 1934

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	Mar. 19	Nov. 23	249	LITTLE ROCK	Mar. 19	Nov. 23	249
Arkadelphia	Mar. 28	Nov. 23	240	Lutherville	Mar. 19	Nov. 23	249
Arkansas City	Mar. 28	Nov. 12	229	Madison	Mar. 28	Nov. 12	229
Arlberg	Mar. 28	Nov. 11	228	Magnolia	Mar. 19	Dec. 8	264
Batesville	Mar. 28	Nov. 12	229	Malvern	Mar. 28	....	...
Bee Branch	Mar. 28	Nov. 12	229	MammothSpring	Mar. 29	Oct. 28	213
Bentonville	Mar. 28	Nov 1	218	Marianna	Mar. 28	Nov. 2	219
Big Lake Outlet	Mar. 28	Nov. 12	229	Marked Tree	Mar. 28	Nov. 12	229
Black Rock	Mar. 28	Nov. 15	232	Marshall	Mar. 28	Oct. 28	214
Blytheville	Mar. 28	Nov. 12	229	Mena	Mar. 19	Nov. 23	249
Booneville	Mar. 19	Nov. 23	249	Morrilton	Mar. 20	Nov. 12	237
Brinkley	Mar. 28	Nov. 12	229	Mountain Home	Mar. 28	Oct. 28	214
Calico Rock	Mar. 28	Oct. 28	214	Mount Ida	Mar. 30	Nov. 12	227
Camden	Mar. 20	Nov. 23	248	Newport	Mar. 28	Nov. 2	219
Carthage	Mar. 29	Nov. 12	228	Norman	Mar. 30	Nov 12	227
Centerpoint	....	Nov. 23	...	Oden	Mar. 30	Nov. 12	227
Clarendon	Mar. 29	Nov. 12	228	Okay	Mar. 19	Nov. 23	249
Clinton	Mar. 28	Nov. 12	229	Osceola	Mar. 28	Nov. 12	229
Conway	Mar. 19	Nov. 15	241	Ozark	Mar. 19	Nov. 23	249
Corning	Mar. 29	Oct. 28	218	Paragould	Mar. 28	Nov. 12	229
Cotter	Mar. 28	Oct. 28	214	Parkin	Mar. 28	Nov 12	229
Crossett	Mar. 28	Nov. 15	232	Patterson	Mar. 28	Nov. 12	229
Danville	Mar. 29	Nov. 12	228	Piggott	Mar. 29	Nov. 2	218
Dardanelle	Mar. 19	Nov. 12	238	Pine Bluff	Mar. 19	Nov. 24	250
Deer	....	Nov. 1	...	Pocahontas	Mar. 28	Nov. 2	219
De Valls Bluff	Mar. 28	....	...	Portland	Mar. 28	Nov. 12	229
Dumas	Mar. 19	Nov. 15	241	Prescott	Mar. 19	Nov. 23	249
Dutton	Mar. 29	Oct. 28	213	Rison	....	....	...
El Dorado	Mar. 19	Dec. 8	264	Rogers	Mar. 28	Nov. 12	229
England	Mar. 19	Nov. 15	241	Rosebud	....	Nov. 22	...
Eureka Springs	Mar. 28	Nov. 1	218	Saint Francis	Mar. 29	Oct. 28	213
Fayetteville	Mar. 28	Nov. 1	218	Searcy	Mar. 28	Nov. 12	229
Fort Smith	Mar. 19	Nov. 23	249	Story	Apr. 20	Nov. 11	215
Freeman Spr.	Apr. 20	Nov. 1	205	Stuttgart	Mar. 28	Nov. 12	229
Fulton	Mar. 28	Nov. 23	240	Subiaco	Mar. 19	Nov. 23	249
Georgetown	Mar. 28	Nov. 12	229	Sunset	Mar. 27	Nov. 23	241
Grannis	Mar. 19	Nov. 23	249	Texarkana	Mar. 28	Nov. 23	240
Gravette	Mar. 28	Oct. 28	214	Thornburg	Mar. 29	Nov. 12	228
Harrison	Mar. 28	Oct. 28	214	Waldron	Mar. 19	Nov. 23	249
Helena	Mar. 28	Nov. 12	229	Warren	Mar. 19	Nov. 12	238
Higden	Mar. 28	Nov. 12	229	Waters	Mar. 30	Nov. 12	227
Highland	Mar. 19	Nov. 23	249	Wilson	Mar. 29	Nov. 12	228
Hope	Mar. 19	Nov. 23	249	Wynne	Mar. 28	Nov. 12	229
Hot Springs	Mar. 19	Nov. 23	249	Yancopin	Mar. 19	Nov. 15	241
Index	Mar. 28	Nov. 23	240				
Jessieville	Mar. 29	Nov. 12	228				
Jonesboro	Mar. 28	Nov. 12	229				
Lead Hill	Mar. 29	Oct. 28	213				

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1934

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	44.5	+ 3.1	78	2	2.86	−1.39	5.50	0.1	8	12	5	14	sw.
February	41.5	− 2.1	82	8	2.00	−1.34	5.76	0.5	6	14	4	10	n.
March	49.6	− 2.7	85	4	6.53	+1.82	10.29	1.0	9	15	6	10	s.
April	62.7	+ 1.1	90	29	3.51	−1.39	8.18	0.0	8	14	8	8	s.
May	70.3	+ 1.2	103	35	3.36	−1.63	5.72	0.0	7	18	8	5	s.
June	81.1	+ 4.0	108	49	2.88	−1.11	6.71	0.0	5	19	8	3	s.
July	85.5	+ 5.1	112	57	1.66	−2.15	5.71	0.0	4	20	9	2	s.
August	84.8	+ 5.0	116	48	2.75	−0.95	7.43	0.0	6	15	11	5	s.
September	71.3	− 3.1	100	37	5.46	+2.08	14.13	0.0	8	15	7	8	s.
October	66.2	+ 3.6	96	25	0.79	−2.30	2.05	0.0	2	21	7	3	s.
November	54.0	+ 2.4	88	20	6.89	+3.19	12.87	0.6	9	15	5	10	s.
December	41.5	− 1.2	74	4	3.78	−0.51	6.85	0.2	9	12	6	13	sw.
Annual	62.8	+ 1.4	116	2	42.47	−5.68	14.13	2.4	81	190	84	91	s.

Corrections:

April: Ft. Smith, monthly mean temperature should be 63.2°, departure from normal +1.4°.

June: Gravette, total precipitation should be 2.09 inches.

October: Jonesboro, precipitation departure should be −2.77 inches.

December: Amity, mean minimum temperature should be 30.7°, monthly mean temperature 41.1°, departure from normal −1.9°. Fort Smith, maximum temperature on 7th should be 39° and on 25th 55°, mean maximum should be 49.2°.

EXCESSIVE PRECIPITATION FOR 1934

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark., Apr. 4—5.......	4:45 p.m.	2:20 a.m.	1.77	5:26 p.m.	5:45 p.m.	0.19	0.20	0.38	0.64	0.74	0.77	0.78	0.78	0.78	0.79	0.79	0.81	0.82	0.84	0.85
LITTLE ROCK, ARK.																				
Apr. 4...........	9:11 a.m.	11:55 a.m.	1.25	9:12 a.m.	9:29 a.m.	0.01	0.25	0.73	0.96	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.05	1.08	1.09	1.17
June 4...........	5:12 p.m.	11:30 p.m.	1.58	6:47 p.m.	7:09 p.m.	0.12	0.23	0.61	0.77	0.89	0.94	1.03	1.10	1.15	1.18	1.20	1.21	1.32	1.36	1.39
July 6...........	1:45 p.m.	3:45 p.m.	1.05	1:55 p.m.	2:18 p.m.	0.01	0.19	0.45	0.59	0.89	0.99	1.01	1.01	1.02	1.03	1.03	1.03	1.03	1.03	1.04
Aug. 28...........	4:00 a.m.	5:00 a.m.	0.81	4:09 a.m.	4:27 a.m.	0.02	0.12	0.37	0.59	0.75	0.76	0.77	0.77	0.78	0.78	0.78	0.79	.....	.....	.....
Sept. 29..........	D.N.a.m.	5:15 p.m.	1.68	6:28 a.m.	6:42 a.m.	0.04	0.29	0.53	0.64	0.68	0.79	0.85	0.89	0.92	0.94	1.00	1.05	1.13	1.14	1.16
Memphis, Tenn.																				
May 15........	11:44 a.m.	12:25 p.m	0.52	11:48 a.m.	11:55 a.m.	0.01	0.43	0.47	0.47	0.49	0.51	0.51	0.51	0.51	......	......	......	......	......	......
Sept. 21..........	12:50 p.m.	1:07 p.m.	0.57	12:56 p.m.	1:04 p.m.	0.01	0.47	0.56	0.56	......	......	......	......	......	......	......	......	......	......	......
Nov. 20—21	9:40 p.m.	5:40 p.m.	10.48	4:00 a.m.	6:00 a.m.	1.74	......	......	......	......	......	......	......	......	......	......	‡2.00	‡2.51	‡3.02	‡3.53

‡Estimated

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1934

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia...	12.0	6 0	8.0	7.8	4.4	5.7	24.3	5.2	9.0	17.9	7.0	9.5	9.0	4.2	5.6	6.4	3.6	4.0	6.2	3.4	3.8	5.2	3.2	3.6	6.8	3.6	4.6	5.2	3.3	4.1	8.5	4.1	5.4	11.8	6.3	8.4
Arkansas City.	26.1	9 8	19.5	9.1	3.0	6.3	35.4	3.4	25.7	39.0	25 4	32.7	25.2	8.4	14.8	10.6	4.5	7.3	8.8	3.6	5.4	10.0	2.3	4.9	9.4	3.2	6.0	11.5	3.3	6.3	16.6	8.2	7.0	21.7	10.2	16.4
Batesville.	10.8	6.3	7.9	7.8	5.0	5.7	22.3	6.2	10.4	18.9	8.2	12.0	9.1	5.3	7.4	7.6	4.3	5.4	8.5	5.1	3.9	5.0	3.4	4.0	11.6	4.3	6.6	6.0	4.2	5.0	12.0	4.4	5.8	11.1	5.9	8.0
Big Lake Outlet	9.6	6.6	8.2	6.5	5.3	5.8	15.4	6.7	9.4	16.0	6.9	11.5	6.8	5.0	6.1	4.9	3.8	4.4	3.7	2.8	3.3	4.6	2.3	3.0	3.9	3.0	3.4	3.8	3.0	3.3	13.0	3.1	5.6	13.5	9.2	11.0
Black Rock....	5.6	2.3	3.7	2.8	1.5	2.0	19.3	2.5	6.9	14.3	3.6	8.2	4.5	2.0	2.9	2.2	1.4	1.7	1.6	0.6	1.1	4.1	0.5	1.3	6.2	1.4	2.8	2.5	1.1	1.5	4.5	1.3	2.1	6.7	2.9	4.0
Calico Rock ...	5.4	1.2	2.7	3.1	0.3	1.1	12.9	1.3	4.5	10.9	2.7	5.8	3.9	0.6	2.2	3.3	-0.4	0.7	-0.1	-1.1	-0.8	0.0	-1.5	-0.8	5.9	-0.2	1.9	1.6	-0.4	0.5	6.6	-0.3	1.1	5.3	0 6	2.7
Camden........	21.1	7.9	12.9	10.1	6.0	7.2	33.3	9 5	18.7	33.0	11.5	21.9	16.8	4.6	8.6	6.2	3.7	4.4	5.4	3.6	4.0	4.3	3.6	3.8	5.5	3.6	4.3	5.1	4.0	4.4	9.4	4.0	5.2	18.1	8.0	12.3
Clarendon.....	20.6	14.6	18.3	14.2	10.0	11.4	27.8	11.2	18.8	29.8	23.4	28.0	22.7	12.2	16.3	11.8	8.0	9.8	8.0	5.8	6.7	8.7	5.2	6.0	12.6	7.2	9 8	9.4	6.5	7.9	13.9	6.7	7.9	18.6	13.0	15.5
Cotter..........	6.4	3.6	4.4	4.3	3.1	3 6	10.5	3.6	5.4	11.0	4.1	6.6	5.3	3.6	4.1	5.2	2.8	3.5	2.8	2.3	2.5	2.9	2.8	2.6	8.2	2.8	4.2	3.8	2.7	3.2	8.5	2.8	3.9	6.1	3.8	4.7
Danville.......	11.3	3.2	6.0	4.2	2.4	3.0	22.8	3.1	8 8	21.7	3.3	8.5	16.5	3.0	5.6	8.1	1.2	2.8	7.9	0.7	1.5	2.4	0.4	1.0	19.2	1.7	4.6	17.4	1.7	3.5	11.8	1.5	3.5	14.0	3.2	5.5
Dardanelle.....	10.9	4.8	6.8	4.8	3.8	4.2	10.1	4.1	5.9	15.5	5.2	8.8	11.9	4.5	6.6	5.6	3.3	4.2	3.6	0.8	2.1	1.4	0.2	0.5	11.8	2.1	7.6	12.5	3.3	6.1	15.7	3.0	6.5	11.7	4.5	6.1
Fort Smith	11.8	5.2	7.5	6.0	4.5	5.1	9.3	4.9	6.6	18.1	5.8	9.7	13.9	5.3	8.0	7.8	3.8	5.3	3.9	1.8	2.6													12.1	5.8	6.9
Van Buren.....																						3.9	1.3	1.5	14.3	3.7	9.4	14.7	3.3	6.9	18.4	2.8	7.3			
Fulton.........	15.2	7.3	10.1	10.3	6.2	7.9	21.4	9.2	13.7	21.0	9.3	14.5	17.0	7.0	9.6	10.1	5.7	7.4	6.2	4.0	4.8	4.0	3.4	3.6	11.9	3.5	8.1	8.0	4.2	5.5	15.5	4.0	7.4	12.5	6.8	8.6
Georgetown....	12.1	5 5	8.6	5.0	2.2	3.2	24.5	5.0	11.3	24.5	11.4	20.1	10.7	3.8	7.3	3.5	0.8	2.2	1.0	-1.2	-0.4	2.8	-1.7	-0.6	6.8	0.5	3.2	2.5	-0.3	0.9	7.7	0.0	1.5	12.3	4 7	7.7
Helena.........	25.2	7.8	16.9	8.5	3.5	6.3	37.0	4.8	26.8	36.9	21.4	28.1	21.8	6.9	12.1	11.5	4.2	7.8	8.2	4.8	6.4	12.1	3.6	6.8	8.8	2.8	5.6	11.6	3.2	6.4	14.2	4.0	8.0	21.1	9.9	15.2
Index..........	13.8	7.8	9.5	11.3	7.1	8.7	20.5	9.3	12.7	18.8	9.6	12.2	16.8	8.5	10.4	11.5	7.5	9.0	8.1	6.1	6.7	6.1	5.6	5.8	12.4	5.7	9.5	9.0	6.0	7.2	14.0	6.0	8.5	11.0	6.9	8.2
LITTLE ROCK	8.2	1.3	4.0	1.2	-0.5	0.1	11.4	-0.1	3.2	15.6	2.0	7.3	9.3	0.7	3.2	1.4	-0.9	-0.1	-0.4	-3.6	-2.4	-3.1	-4.2	-3.9	8.4	-3.8	3.5	9.4	-1.7	1.9	13.3	-2.0	1.9	9.0	0.6	3.0
Madison.	9.4	7.0	8.0	7.9	5.1	6.6	17.6	5.0	11.6	22.4	10.1	17.0	9.7	5.4	7.0	5.1	2.3	3.5	2.2	0.8	1.5	1.6	0 2	0.7	1.6	0.4	1.1	1.5	0.4	1.1	4.9	0.3	2.5	9.8	4.8	8.4
Marked Tree. ..	7.0	6.2	6.7	6.0	4.5	5.0	11.8	4.7	6.7	12.2	7.3	10.1	7.7	5.0	6.5	5.4	3 6	4.9	3.7	2.0	2 7	3.8	0.9	1.8	3.7	1.7	3.0	3.9	1.8	3.0	5.9	1.8	3.9	6.6	5.0	5.7
Morrilton	7.8	0.7	3.3	0.6	-0.8	-0.3	8 2	-4.4	2.2	13.9	1.5	6.2	9.4	0.4	3.1	1.8	-1.0	-0.1	-0 6	-3.2	-2 3	-2.8	-3.8	-3.5	8.8	-2.9	4.3	10.0	-0.9	2.6	13.5	-1.7	2.6	9.0	0.9	3.1
Newport.......	9.0	2 9	5.3	3.9	1.3	2.1	25.7	3.6	9.2	24.3	5.8	15.1	6.5	2.0	4.4	3.1	0.5	1.6	1.3	-0.4	0.0	3.5	-0.8	0.2	6.6	0.7	2.8	1.9	0.0	0.8	7.4	0.2	1.7	9.0	2.9	5.2
Ozark	8.3	1.2	3.8	1.3	0 4	0.8	5.7	0.9	2.4	13.2	1.9	5.9	9.8	1.1	3.8	3 0	0.0	0.9	0.2	-1 9	-1.1	-0.1	-2.3	-1.9	9.5	0.1	5.3	10.4	-0.1	3.1	13 7	-0.6	3.6	8.5	1.3	3.1
Parkin.........	10.6	8.3	9.6	8.2	5.7	6.5	20.4	5.9	11.1	21.1	10.6	17.1	10.2	5 8	8.2	5.6	3.4	4.7	3.4	1.9	2.6	2.9	1.2	1.7	2.9	1.5	2.4	3.0	1.5	2.4	7.0	1.5	3.7	8.5	6.6	7.9
Pine Bluff.....	12.2	5.7	8.2	5.6	3.9	4.4	15.1	4.1	7.2	19.0	6.9	12.0	13.7	5.6	7.7	5.7	3.3	4.2	3.8	0.8	1.9	1.1	0.3	0.5	12 4	0.6	7.5	13.2	2.8	6.3	16.3	2.2	5.7	13.2	4.9	7.5
St. Francis.....	13.4	5.8	9.0	5.7	3.9	4.6	17.7	5.4	11.9	18.5	7.1	13.3	10.4	3.9	7.2	6.9	3.2	4.6	3.6	2.9	3.2	10.1	2.6	4.3	11.9	4.6	6.7	9.7	3.9	5.7	17.2	5.4	9.8	16.1	7.2	11.

MISCELLANEOUS PHENOMENA, 1934

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Excessive rain			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January...	....	....	....	....	... .	7	4	87	17	18	3	3	1	......	......	....	......	.....	......	......	....	......	.....	....	.....	....
February..	....	....	....	....	....	56	10	18	8	48	6	22	5	......	......	....	.....	.....	......	......	....	......	.....	....	.....	....
March.....	5	3	4	2	Slight	123	13	25	5	70	9	3	3	......	......	....	......	.....	......	......	....	1	1	$ 20,000	.....	....
April.....	3	2	3	2	$ 1,000	171	20	10	5	....	....	....	...	2	2	$ 6,000	......	.....	......	......	....	......	.....	....	2	....
May.......	3	2	7	3	$217,300	197	21	7	6	....	....	....	....	2	2	$ 2,500	......	.....	......	......	....	......	.....	....	1	....
June......	4	2	8	4	$200,000	260	24	1	1	...	....	....	....	3	3	$243,000	1	1	0	0	$ 13,000	......	.....	....	1	....
July......	....	....	2	2	$ 100	247	25	6	2	....	....	....	....	4	4	$ 43,750	1	1	0	0	$ 4,000	......	.....	....	2	....
August....	1	1	2	2	......	270	26	8	5	....	....	....	.	3	2	$ 20,500	......	.....	......	......	....	......	.....	....	2	....
September.	....	....	....	....	....	129	17	30	19	....	....	....	....	......	......	....	......	.....	......	......	....	......	.....	....	.....	....
October...	2	1	....	....	....	66	10	22	14	....	....	....	....	......	......	....	......	.....	......	......	....	......	.....	....	.....	$ 750
November.	....	.. .	....	....	....	117	15	13	5	....	...	....	...	......	......	....	3	2	2	1	$ 18,000	......	.....	....	.....	....
December..	....	....	....	...	....	38	10	89	15	....	. .	.. .	....	......	......	....	......	.....	......	......	....	......	.....	....	.....	....
Year......	18	11	26	15	$418,400	1681	195	316	102	136	18	28	9	14	13	$315,750	5	4	2	1	$ 35,000	1	1	$ 20,000	8	$ 750

W.B.O.,Little Rock, Ark.2--8--35-1300.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

ol. XL LITTLE ROCK, ARK., JANUARY, 1935 No. 1

GENERAL SUMMARY

Temperature and precipitation were both above normal, iis being the fifth successive January with temperatures con- derably above the average. Warm weather prevailed until e 20th, with departures in the western part of the State as igh as 21° above normal on the 9th and 24° above on the 5th. A cold wave with drops in temperature exceeding 50° many sections overspread the State on the 21st and lasted ntil the 25th. The average temperature for the State, based the records of 61 stations, was 43.6° which is 2.2° above e mean for the past 45 years. Monthly means ranged from 3.4° at Batesville to 50.4° at Magnolia. Blytheville and onesboro in the northeastern portion of the State were the nly stations with negative departures. The highest tempera- ire reported was 86° at Camden on the 16th; the lowest, 11° elow zero at Deer on the 21st. This is the lowest temperature or January since 1930. The greatest daily range was 55° at ooneville on the 25th.

Showers occurred on the 1st and either the 7th or 8th and a ainy period from the 16th to the 21st. Many stations in eastrn and southern portions had from 5.00 to 7.00 inches uring this latter period. Heavy snow fell in the southeastern ortion and in southern border counties on the 21st, the greatst depth reported being 6.5 inches at Warren. The ground as warm and some of it melted beneath the surface at first. t Crossett the total fall was estimated at from 8 to 10 inches hough the measurement was only 4.0 inches. The average recipitation for the State for the 91 stations reporting was 5.79 nches which is 1.50 inches above the mean for the past 45 ears. Most stations in the northwestern portion had negaive departures, in other portions positive. Monthly totals anged from 2.48 inches at Gravette to 12.51 inches at Helena. Two other stations had monthly amounts exceeding 10.00 nches and a number 8.00 inches or more. The heavy rains aused moderately high stages on the lower White, Black, and t. Francis rivers and flood stages on the Petit Jean and Ouachta rivers. Flood losses were as follows: On the Black river, 1,000; the Petit Jean, $400; the White, $50; the Ouachita, 15,845.

The weather the first half of the month was favorable for ut-door activities, fruit trees being pruned, orchards cleaned, nd some plowing done, while the latter half was mostly unavorable, the temperature being too low and the soil too wet. Peaches were severely damaged in some localities by the cold vave of the 21st. Wheat, oats, rye, meadows and truck were lso damaged by the low temperatures and the frequent freezng and thawing.

T.A.M.

Windstorms:—Stamps, 7th, three persons injured and considerable damage to roofs of buildings.
Near Louann, 19th, several oil derricks blown down, buildings damaged, loss $1,500.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog						1	9	5	4	7	1				1	1		3	6	7							2			2	
Light Hail																															
Moderate Hail																															
Sleet			1																	1	9										
Thunderstorms							14	3								1		1	3	15	1										

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30.16	30.61	24	29.48	16	6.9	19	s	16	..	..	..	57
Fort Smith	30.16	30.64	24	29.58	16	8.7	28	sw	16	77	63	65	48
Little Rock	30.19	30.70	24	29.64	16	8.5	28	nw	21	82	63	61	54
Memphis	30.19	30.72	24	29.67	16	8.6	26	n	17	82	72	72	59

COMPARATIVE DATA FOR JANUARY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	+0.2	71	13	5.34	+1.05	9.03	1.29	....	10	10	6	15
1892	34.7	−6.7	74	−14	2.48	−1.81	5.09	0.65	3.0	6	18	5	8
1893	38.5	−2.9	80	−13	1.13	−3.16	3.29	0.30	5.6	2	17	8	6
1894	43.5	+2.1	77	−22	3.63	−0.66	8.58	0.25	1.3	7	13	8	10
1895	36.9	−4.5	78	− 5	5.19	+0.90	9.38	1.87	7.0	8	9	6	16
1896	41.4	0.0	78	4	4.09	−0.20	6.94	1.53	1.0	8	10	6	15
1897	38.9	−2.5	76	− 2	3.78	+2.49	14.72	3.57	1.0	8	13	5	13
1898	45.5	+4.1	81	10	7.93	+3.64	14.50	2.11	T.	9	10	8	13
1899	39.3	−2.1	75	− 9	5.91	+1.62	11.19	1.58	2.3	7	12	6	13
1900	43.4	+2.0	78	1	2.69	−1.60	5.59	0.84	0.2	7	13	7	11
1901	45.6	+4.2	78	7	2.21	−2.08	4.89	0.76	T.	5	16	7	8
1902	38.0	−3.4	79	2	4.13	−0.16	8.51	0.96	1.8	8	11	6	14
1903	40.2	−1.2	80	7	2.60	−1.69	5.50	0.42	0.2	6	13	8	10
1904	38.9	−2.5	75	− 5	3.81	−0.48	6.56	2.08	1.5	6	15	8	8
1905	33.3	−8.1	73	13	4.58	+0.29	8.69	1.32	3.6	6	12	8	11
1906	43.1	+1.7	82	− 2	5.19	+0.90	9.60	1.16	2.0	6	14	5	12
1907	49.2	+7.8	82	− 8	5.80	+1.51	11.80	1.95	0.8	11	8	7	16
1908	41.7	+0.3	78	6	3.75	−0.54	5.92	1.82	1.5	7	14	7	10
1909	43.8	+2.4	82	−19	1.79	−2.50	3.62	0.36	2.4	6	4	7	20
1910	41.8	+0.4	78	− 7	2.59	−1.70	6.19	0.74	4.3	6	16	6	9
1911	47.6	+6.2	86	− 9	1.02	−3.27	4.23	0.21	0.2	6	8	10	13
1912	34.3	−7.1	79	−16	3.01	−1.28	5.40	1.04	1.9	6	13	10	8
1913	44.0	+2.6	78	− 1	8.45	+4.16	14.92	3.41	0.1	10	12	7	12
1914	46.6	+5.2	82	7	1.57	−2.72	3.71	T.	1.5	4	13	9	9
1915	39.3	−2.1	74	− 3	4.38	+0.09	6.95	1.28	2.3	8	10	6	15
1916	44.3	+2.9	82	− 6	9.39	+5.10	13.59	4.11	0.5	12	8	4	19
1917	44.0	+2.6	82	− 4	3.66	−0.63	7.61	0.68	3.8	7	11	5	15
1918	27.3	−14.1	80	−23	4.39	+0.10	8.60	1.60	17.6	8	13	4	14
1919	41.4	0.0	75	− 3	3.00	−1.29	7.80	0.32	0.4	6	16	5	10
1920	39.6	−1.8	82	11	6.49	+2.20	12.83	2.27	0.8	8	12	4	15
1921	46.9	+5.5	85	6	2.07	−2.22	3.87	0.50	2.1	6	11	6	14
1922	39.1	−2.3	74	4	2.63	−1.66	7.98	0.77	1.0	7	8	5	18
1923	48.6	+7.2	80	15	5.78	+1.49	9.71	1.75	0.1	9	14	5	12
1924	36.1	−5.3	79	− 6	3.19	−1.10	6.50	1.05	0.4	7	15	3	13
1925	40.8	−0.6	76	− 4	2.68	−1.61	5.77	1.00	1.3	8	14	4	13
1926	40.5	−0.9	77	−17	4.69	+0.40	9.18	1.87	2.5	7	13	6	12
1927	42.6	+1.2	79	− 1	5.41	+1.12	11.40	1.98	0.1	10	14	3	14
1928	42.7	+1.3	90	−10	2.05	−2.24	4.60	0.50	0.2	5	16	6	9
1929	39.4	−2.0	79	2	5.08	+0.79	8.00	2.35	0.1	10	12	6	14
1930	33.8	−7.6	74	−28	9.16	+4.87	16.31	3.21	5.0	12	11	3	17
1931	42.3	+0.9	76	0	1.14	−3.15	3.40	T	0.4	5	15	6	10
1932	46.2	+4.8	80	11	9.67	+5.38	16.51	3.35	T.	11	12	5	14
1933	48.8	+7.4	81	11	3.67	−0.62	7.33	1.65	T.	9	12	6	13
1934	44.5	+3.1	78	2	2.86	−1.43	5.50	1.39	0.1	8	12	5	14
1935	43.6	+2.2	86	−11	5.79	+1.50	12.51	2.48	0.9	6	14	7	10
Period	41.4	....	90	−28	4.29	......	16.51	T	1.9	7	12	6	13

Daily River Stages for January, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith or an Buren	Arkansas	22	5.2	5.0	5.1	5.0	5.0	5.0	5.0	6.3	7.3	7.9	10.8	11.2	10.0	8.8	7.8	7.1	6.7	6.3	6.4	8.0	10.8	12.3	12.6	11.9	10.8	9.3	8.0	7.4	7.0	6.7	6.4
zark	do	22	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.2	3.2	3.4	4.4	6.5	6.4	5.2	4.2	3.6	2.9	2.5	2.5	3.6	6.8	8.2	8.2	8.2	7.3	6.2	4.7	3.7	3.3	3.1	2.9
ardanelle	do	22	4.4	4.3	4.2	4.1	4.1	4.1	4.1	4.3	5.5	6.3	6.5	7.8	9.1	8.5	7.4	6.5	5.9	5.5	7.4	8.7	11.1	11.7	11.7	11.4	10.8	9.5	8.4	7.2	6.5	6.1	5.8
orrilton	do	20	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.5	1.7	3.0	3.7	3.9	5.8	6.1	5.2	4.1	3.2	2.6	2.6	5.4	8.5	9.9	10.2	10.2	10.0	9.2	8.0	6.8	5.6	4.8	4.1
ittle Rock	do	23	1.3	1.5	1.5	1.2	0.9	0.6	0.5	0.7	1.4	2.6	3.6	4.0	4.3	5.9	5.8	4.7	3.7	2.9	2.6	4.5	8.8	11.0	11.9	12.3	12.0	11.4	10.1	8.8	7.1	5.8	4.9
ine Bluff	do	25	5.4	5.7	5.9	5.9	5.5	5.0	4.8	4.8	4.9	5.7	7.0	8.0	8.3	8.9	10.1	9.8	8.9	7.9	7.2	7.7	10.9	13.9	15.0	15.8	15.8	15.4	14.8	13.7	12.6	11.3	10.3
anville	Petit Jean	20	3.5	3.5	3.8	4.0	3.8	3.1	3.1	8.4	15.6	13.7	9.8	7.6	6.5	5.9	5.4	5.1	4.8	4.6	16.6	22.2	24.4	24.7	23.7	22.0	19.8	16.8	13.4	10.3	8.6	7.6	6.7

Climatological Data for January, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	40	*43.7*	+ 0.5	....	....	....	....	....	*5.26*	+0.75	....	....	..	..	..	..	.....	J. W. Campbell
Arkadelphia	Clark	250	40	....	....	....	....	....	....	....	6.63	+2.19	1.85	T.	8	9	5	17	ne	W. K. Bown
Arkansas City	Desha	145	51	....	....	....	....	....	....	....	8.90	+4.39	3.47	5.8	9	16	2	13	.....	Herbert Neff
Arlberg	Stone	700	13	....	....	....	....	....	....	....	5.27	+0.37	2.10	0.0	7	.	..	..	.....	J. D. Reeves
Batesville	Independence	277	36	38.4	+ 0.5	69	16	7	22†	44	3.11	-1.42	1.42	0.0	7	18	3	10	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	43	43.0	+ 2.5	69	10†	6	22	45	4.72	+0.33	1.75	0.0	6	15	8	8	n.	J. E. Scanlan
Bentonville	Benton	1303	30	39.3	+ 3.1	69	16	− 1	21	40	2.50	−0.24	0.99	0.2	6	5	12	14	n.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	5	....	....	....	....	....	....	....	6.66	....	2.17	T.	7	13	7	11	.....	C. J. Brooks
Black Rock	Lawrence	259	34	....	....	....	....	....	....	....	4.54	−0.01	1.93	0.0	8	18	2	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	10	41.4	− 0.6	68	17	9	24	47	7.09	+1.17	2.06	0.6	9	20	2	9	n.	Samuel Norris
Booneville	Logan	465	21	45.2	+ 5.0	75	16†	8	21†	55	4.68	+0.51	1.83	0.0	5	15	6	10	e.	F. H. Randolph
Brinkley	Monroe	205	48	45.0	+ 3.2	72	16	11	22	45	7.28	+2.18	2.00	3.2	7	22	1	8	ne.	R. J Torry
Calico Rock	Izard	361	31	38.7	+ 2.9	75	16	4	22	47	3.90	+0.26	1.79	0.0	7	16	5	10	e.	E. R. Wiseman
Camden	Ouachita	158	50	47.0	+ 2.6	86	16	10	23	*44*	5.66	+0.73	2.23	4.0	9	6	10	15	se.	J M. Knight
Carthage	Dallas	297	30	43.0	....	74	16	14	22	43	8.24	+3.37	....	4.0	5	11	11	9	n.	P. K. Wylie
Center Point	Howard	470	36	46.5	+ 1.9	74	16	8	22	42	5.97	+1.90	2.05	0.0	5	12	8	11	s.	John C. Floyd
Clarendon	Monroe	172	51	....	....	....	....	....	....	....	8.57	+4.05	3.90	3.0	8	3	11	17	n.	J. W. Bishop
Clinton	Van Buren	516	14	....	....	....	....	....	....	....	4.83	+0.79	2.11	0.0	5	13	8	10	n.	A L. Stephens
Conway	Faulkner	309	52	45.8	+ 4.1	75	16	9	22	44	5.64	+1.28	1.72	0.0	6	18	4	9	e.	E E Cordrey
Corning	Clay	293	42	40.5	+ 3.1	68	16	6	22	45	4.27	−0.17	....	2.0	7	12	7	12	w.	Winfred D. Polk
Cotter	Baxter	408	8	....	....	....	....	....	....	....	2.78	....	1.36	0.0	4	13	7	11	.....	O. B. McSpadden
Crossett	Ashley	175	23	47.2	+ 1.2	77	10†	12	22	41	6.63	+1.47	1.59	4.0	9	12	6	13	ne	G. A Gifford
Danville	Yell	327	19	....	....	....	....	....	....	....	5.07	+0.94	1.90	0.0	7	9	11	11	.....	J. M. Patterson
Dardanelle	Yell	330	49	44.2	+ 3.7	74	16	9	22	39	5.38	+1.92	1.98	0.0	6	9	14	8	e	Geo. N. Goodier
Deer	Newton	2200	2	38.5^{d}	....	69^{d}	26	−11^{d}	21	49^{d}	3.39	....	1.04	0.0	5	17^{d}	0^{d}	10^{d}	.....	Mrs. J. M. Essex
De Valls Bluff	Prairie	153	8	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	.....	
Dumas	Desha	162	30	48.3	+ 4.7	80	16	14	22	51	8.70	+3.83	5.54	6.6	8	11	11	9	n.	Ben Johnson
Dutton	Madison	1590	33	39.6	+ 4.2	76	26	− 3	22	42	3.38	−0.80	1.10	2.0	7	15	11	5	n.	J. M. Ricketts
El Dorado	Union	270	35	....	....	..	..	..	..	..	....	....	....	....	..	..	..	..	.....	
England	Lonoke	229	28	45.2	+ 2.8	73	16	12	21	43	6.91	+2.27	2.60	2.0	6	18	6	7	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	41.4	+ 3.7	69	26	− 1	21	33	2.78	− 0.38	0.87	0.5	7	12	8	11	sw	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	42.0	+ 4.2	70	16	− 1	21	33	2.56	−0.30	0.83	0.6	7	10	9	12	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	42.5	+ 3.0	75	16	6	21	36	2.63	+0.09	0.92	T.	4	7	14	10	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	11	....	....	....	....	....	....	....	5.02	+0.46	1.58	0.0	6	13	7	11	sw.	R. J. McCuiston
Fulton	Hempstead	260	50	....	....	....	....	....	....	....	8.83	+4.48	3.30	0.0	6	9	7	15	.....	T. J. Logan
Georgetown	White	200	23	....	....	....	....	....	....	....	5.49	+0.11	1.45	1.0	8	14	7	10	.....	Mrs. W. R. Owens
Grannis	Polk	900	16	44.7	+ 4.1	74	10	6	22	43	7.70	+2.99	3.05	0.0	5	15	8	8	sw.	W. E. McVay
Gravette	Benton	1250	38	40.6	+ 4.2	69	16†	− 2	21	38	2.48	− 0.24	1.01	0.0	6	21	4	6	s.	Max W. Schmidt
Harrison	Boone	1052	35	40.8	+ 4.6	70	9†	2	22	38	2.83	−0.20	0.77	T.	6	14	8	9	nw.	Louis R. Keck
Helena	Phillips	250	63	45.5	+ 2.9	72	10	13	21†	48	12.51	+7.17	4.21	4.0	8	11	11	9	ne.	James A. Burnett
Higden	Cleburne	445	16	....	....	....	....	....	....	....	4.50	−0.15	1.96	0.0	5	17	5	9	n.	Trumon Brown
Highland	Pike	600	16	48.4	....	80	13	10	22	46	5.15	+0.63	1.70	0.0	5	6	14	11	e.	J. O. Cooley
Hope	Hempstead	377	65	48.6	+ 3.4	75	13	14	22	40	7.94	+3.02	4.00	0.0	7	16	3	12	.....	N. P. O'Neal
Hot Springs	Garland	600	44	47.0	+ 4.0	72	26	10	22	40	5.38	+0.49	1.55	0.0	6	9	14	8	s.	National Park Service
Index‡‡	Little River	275	10	....	....	....	....	....	....	....	5.09	+0.94	1.80	0.0	7	15	1	15	.....	H. C. Sanderson
Jessieville	Garland	750	9	....	....	....	....	....	....	....	6.93	....	2.36	0.0	5	5	19	7	sw.	U. S Forest Service
Jonesboro	Craighead	345	40	39.8	− 0.2	66	16†	8	22†	42	6.36	+1.35	1.86	0.0	8	18	4	9	n.	Benedictine Sisters
Lead Hill	Boone	650	29	39.2	+ 1.9	73	16	3	21†	38	2.80	−0.10	0.82	T.	7	16	4	11	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	43.4	+ 2.0	72	16	10	22	32	6.35	+1.62	3.08	0.8	6	8	10	13	e.	U. S. Weather Bureau
Lutherville‡‡	Johnson	775	36	43.0	+ 3.2	71	16	5	22	40	7.09	+3.23	2.47	0.0	6	17	4	10	e.	H. G. Lenhardt
Madison	St. Francis	209	5	....	....	....	....	....	....	....	8.82	....	4.07	2.5	7	11	3	17	.....	J. W. Eppes
Magnolia	Columbia	315	19	50.4	+ 4.1	78	20	9	22	46	3.98	−1.42	1.25	2.0	7	8	17	6	n.	State Agri. School
Malvern	Hot Springs	277	49	....	....	....	....	..	....	..	....	....	....	....	.	..	..	..	.....	
Mammoth Spring	Fulton	600	31	40.1	+ 3.1	69	16	5	22	44	5.95	+2.15	1.69	0.0	6	15	6	10	sw.	S. F. Whittaker
Marianna	Lee	235	24	44.8	+ 3.6	71	16†	14	21†	46	8.35	+3.76	3.40	4.5	9	18	6	7	e	C. N. Houck
Marked Tree	Poinsett	229	31	40.0	+ 1.7	69	16	10	24	40	7.22	+1.69	2.44	0.1	6	9	12	10	s.	Charles Walton
Marshall	Searcy	1070	21	40.6	+ 1.7	71	16	1	22	40	4.01	+0.25	1.06	0.0	6	16	3	12	se.	A. J. Parks
Mena	Polk	1207	47	44.8	+ 3.6	70	10	6	21†	35	6.11	+2.24	2.40	0.0	9	12	5	14	ne.	E. W. St. John
Morrilton	Conway	347	16	41.7	+ 1.1	72	16	10	22	46	4.55	+0.45	1.62	T.	8	11	9	11	e.	Miss Ruby Cook
Mountain Home	Baxter	800	23	40.4	+ 4.2	70	16	2	22	39	2.99	−0.24	0.85	T.	7	13	5	13	e.	B S. Halbert
Mount Ida	Montgomery	650	36	43.7	+ 3.3	75	26	8	22	49	5.29	+0.94	2.75	0.0	5	16	5	10	e.	G. A. Whittington
Newport	Jackson	231	52	41.7^{f}	+ 2.4	71^{k}	16	9^{b}	22	44^{l}	5.70	+0.77	1.73	0.0	6	15	6	10	....	J. D. Henderson
Norman	Montgomery	750	7	....	....	....	....	....	....	....	6.42	....	1.95	0.0	5	18	3	10	.....	U. S. Forest Service
Oden	Montgomery	800	9	....	....	....	....	....	....	....	5.81	....	1.67	0.0	6	9	9	13	sw.	U. S. Forest Service
Okay	Howard	288	7	47.2	....	76	16	10	22	41	4.34	....	1.44	0.0	6	16	3	12	se.	Charles R. Jackson
Osceola	Mississippi	240	39	42.8	+ 3.2	68	16†	10	25	45	7.48	+2.54	2.30	2.0	7	16	6	9	n.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	40.9	+ 0.4	66	26	7	22	45	3.54	+0.57	1.34	0.0	5	19	0	12	e.	Orkney O. Milton
Paragould	Greene	301	12	....	....	....	....	....	....	....	6.18	+0.90	2.10	0.1	6	13	3	15	ne.	W. R. Heagler
Parkin	Cross	222	5	....	....	....	....	....	....	....	8.29	....	2.70	0.5	6	13	3	15	.....	Carroll King
Patterson	Woodruff	196	19	....	....	....	....	....	....	....	4.29	−0.92	....	T.	5	12	11	8	nw.	W. E. Baker
Piggott	Clay	307	11	....	....	....	....	....	....	....	6.39	+1.78	2.60	T	7	20	1	10	ne.	V. C. Wright
Pine Bluff	Jefferson	215	48	47.1	+ 3.8	75	16	14	21†	43	10.04	+4.88	3.78	3.0	7	11	11	9	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	42	41.0	+ 2.7	67	16†	5	22	48	4.88	+0.42	1.50	0.0	6	10	12	9	ne.	Benedictine Sisters
Portland	Ashley	122	29	48.4	+ 2.0	78	10†	12	22	50	6.88	+2.62	2.91	5.5	7	12	11	8	n.	W E. Edmiston
Prescott	Nevada	329	47	48.1	+ 4.1	75	16	12	22	39	8.10	+3.59	2.75	0.0	6	14	3	14	w.	Craig Williams
Quitman	Cleburne	480	1	....	....	....	....	....	....	....	4.28	....	....	0.0	5	13	10	8	n.	G. M. Hooten
Rison	Cleveland	243	35	48.3	+ 4.1	76	16†	13	22	46	*8.79*	+3.39	....	2.0	..	14	8	9	n.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	45	41.3	+ 4.5	70	16	− 1	21	36	2.85	+0.27	1.20	1.5	5	20	2	9	n.	Carl A. Starck
Rosebud.‡‡	Faulkner	....	1	....	....	....	....	....	....	....	4.45	....	1.61	T.	4	18	5	8	e.	Miss Clarice Maddox
St. Francis	Clay	290	8	....	....	....	....	....	....	....	6.59	....	2.31	0.0	9	15	5	11	.....	S. T. Rooney
Searcy	White	236	25	43.4	+ 3.7	71	16	9	22	44	4.94	+0.33	1.84	0.0	7	18	4	9	ne.	Arthur D. Smith
Story	Montgomery	700	11	....	....	....	....	....	....	....	5.33	+1.31	1.80	0.0	5	14	6	11	s.	S. C Story
Stuttgart	Arkansas	209	48	45.0	+ 2.5	73	16	12	22	48	10.22	+5.19	5.10	2.0	7	19	2	10	sw.	Mrs. Kress Swim
Subiaco	Logan	1050	38	43.5	+ 2.2	73	16	8	22	37	5.05	+1.45	1.80	0.0	6	18	5	8	e.	New Subiaco Abbey
Sunset	Washington	2250	4	41.4	....	70	26	− 4	22	36	3.06	....	1.00	0.4	8	14	10	7	se	Walter James
Texarkana	Miller	332	50	47.4	+ 1.4	75	10†	9	22	40	8.12	+4.47	3.90	0.0	6	13	5	13	n.	H. S. Brashear
Thornburg	Perry	650	15	42.8	+ 3.2	74	26	8	22	48	5.10	+0.58	2.10	T.	5	17	3	11	s.	Edward E. Holmes
Waldron	Scott	675	16	....	....	....	....	....	....	....	4.84	+0.88	1.85	T.	4	15	4	12	se.	Dr. Cheves Bevill
Warren	Bradley	206	41	48.6^{a}	+ 3.6	75^{a}	10†	13^{a}	22	45^{a}	7.71	+3.11	4.05	6.5	6	20	5	6	sw.	Miss Sue Hoyle
Waters	Montgomery	800	11	....	....	....	....	....	....	....	6.39	+1.79	....	0.0	5	18	4	9	w.	J R. Huddleston
Wilson	Mississippi	237	10	42.4	+ 0.7	69	17	8	24	45	7.85	+2.18	....	2.0	6	22	3	6	n.	D O. Anderson
Wooley Hollow.‡‡	Faulkner	....	1	....	....	....	....	....	....	...	4.21	....	....	0.0	6	16	5	10	se.	Ross Shumate
Wynne	Cross	250	27	42.0	+ 1.6	70	16†	9	22	44	7.03	+1.94	2.45	1.4	7	13	12	6	n.	R. T. Cobb
Yancopin	Desha	167	11	....	....	....	...	....	....	....	8.00	+3.01	3.29	4.2	9	8	5	18	.....	W. E. Barton
State Means				43.6	+2.2	86	16	−11^{d}	21	55	5.79	+1.50	5.54	0.9	6	14	7	10	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a,b,c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a.m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for January 1935

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
nity	Ouachita																			1.39													....
kadelphia	Ouachita	.90						.03	1.07								.01		.03	1.27	1.85	1.47	T.										6.63
kansas City	Mississippi	.40		T.					.92									.29	20	1.31	1.92	3.47	.30	.09									8.90
lberg	White							*	1.03									*	.28	2.10	.94	.92											5.27
atesville	White	.01						.03	.39	T.							T.	.08	T.	1.42	.49	.69											3.11
ee Branch	Arkansas							.12	.71							T.	T.		.55	1.15	1.75	.44											4.72
entonville ***	Arkansas							.99	.01							.29	T.		.61	.02	.58	T.		T.									2.50
g Lake Outlet	St. Francis	.58						.14	.92		T.	T.					.06		T.	1.45	1.34	2.17	T.										6.66
ack Rock	White	.35						T	.36							T.	.14	.05	.02	1.93	.95	.74											4.54
ytheville	St Francis	.69						.25	.67	T.	.01						.04			1.56	2.06	1.79	*.02*										7.09
oneville	Arkansas							.99	.04										1.83	.74	1.08												4.68
inkley	White	1.78						T.	.50										.05	1.35	1.30	2.00	.30										7.28
alico Rock	White	.05							.52	.03							.04			1.79	.82	.65											3.90
amden	Ouachita	.41		.01				.10	1.15										.04	.16	2.23	1.46	.10										5.66
arthage	Ouachita								1.25										T.	*	5.00	1.82	.17										8.24
enter Point	Red							.64	T.										.91	2.05	1.97	.40											5.97
arendon	White	1.60						T.	.50	.04									.02	.46	3.90	1.80	.25										8.57
inton	White							.86								T.	.06		2.11	.91	.89												4.83
nway	Arkansas							.83	.46										.93	1.02	1.72	.68											5.64
rning	White	.20						.02	.25								.85			1.45	*	1.50											4.27
otter	White								.68							T.				1.36	.39	.35											2.78
rossett	Ouachita	.62						.12	1.03									.08	1.04	.52	1.04	1.59	.59	T.									6.63
anville	Arkansas	.03						.02	.81										.15	1.90	.96	1.20											5.07
ardanelle	Arkansas	.15						.05	.95										T.	1.98	1.05	1.20											5.38
eer	White							1.04											.80	.60	.80	.15											3.39
e Valls Bluff	White																																....
umas	Mississippi	.03		T.				.14	.63									T.	.44	.69	5.54	1.21	.02										8.70
utton	White							1.10	.10							.06			.70	.47	.92	.03											3.38
l Dorado	Ouachita								1.45																								....
ngland	Arkansas						T.	.63	.98										.32	2.60	1.98	.40	T.										6.91
ureka Springs	White							.87	.05							.37			.47	.22	.62	.18											2.78
ayetteville	White							.83	.02	T.						.07	T		.54	.26	.72	.12		T.									2.56
ort Smith ***	Arkansas							.76											.79	.28	.80	T.											2.63
reeman Sprgs.	Arkansas							.02	1.58								.02		T.	1.57	.86	.97											5.02
ulton	Red	.80						T	.70										.03	2.50	3.30	1.50	T.										8.83
eorgetown	White	.98						.04	.64	T							T.	T	.05	.89	1.45	1.36	.08										5.49
rannis	Red							1.11								T.	T.	T.	1.33	2.06	3.05	.15											7.70
ravette	Arkansas							1.01	.05							.25			.42	.27	.48												2.48
arrison	White							.63								.06			.67	.63	.77	.07											2.83
elena	Mississippi	2.21							.42	.07									.08	1.15	4.21	3.92	.45										12.51
igden	White							21	.93										.55	1.96	.85												4.50
ighland	Ouachita							.80											.65	1.70	1.60	.40											5.15
ope	Red						.05	.85	.02										.40	4.00	2.00	62											7.94
ot Springs	Ouachita							1.15	.25										.65	1.33	1.55	.45											5.38
ndex	Red	.37						.04	70										.08	1.80	1.04	1.06											5.09
essieville	Ouachita								1.25								T.		.47	1.00	1.85	2.36											6.93
onesboro	White	.59						.05	.51								.02		.03	1.84	1.46	1.86											6.36
ead Hill	White							.82	.11							.15			.55	.50	.57	.10											2.80
Little Rock ***	Arkansas						T.	.71	.01							T.	T.		.31	3.01	2.26	.05											6.35
utherville	Arkansas							.90	.20										2.47	.72	2.41	.39											7.09
adison	St. Francis	1.05						.14	.30										T.	1.40	4.07	1.60	.26										8.82
agnolia	Red						.03	.96	.03										.24	.57	1.25	*.90*											3.98
alvern	Ouachita																																....
ammoth Spg	White								1.60							.21	.72			1.69	1.01	.72											5.95
arianna	St. Francis	08						.11	.23	.01									.28	3.22	3.40	1.00	*.02*										8.35
arked Tree	St. Francis	.98							.33											1.52	1.80	2.44	.15										7.22
arshall	White							.60	.46										.53	1.06	.96	.40											4.01
ena	Ouachita	.34						.10	1.26								.04	.02	.20	2.40	.80	.95											6.11
orrilton	Arkansas	.36						.03	.56									.04	.04	1.62	.92	.98	T.										4.55
ountain Home	White	.08						.41	.22							.12			.85	.58	.73	T.											2.99
ount Ida	Ouachita								.02										1.01	1.10	2.75	.41											5.29
ewport	White	.73						.10	.39											1.73	1.45	1.30											5.70
orman	Ouachita								1.20								T.		.34	1.62	1.95	1.31											6.42
den	Ouachita							.17	.77										.27	1.67	1.48	1.45											5.81
kay	Red							.69	.03										.32	1.44	1.00	.86											4.34
sceola	Mississippi	.81						.05	.54											1.80	2.30	1.85	13										7.48
zark	Arkansas	.05						T.	.99											1.34	.30	.86											3.54
aragould	St. Francis							T.	1.42								.02	.12		2.10	1.06	1.46	T.										6.18
arkin	St. Francis	1.20						T.	.47										T.	2.10	2.70	1.80	*.02*										8.29
atterson	White							.47											.12	*	2.10	1.60											4.29
iggott	St. Francis	.01							.40							.48	.20		2.60	1.10	1.60	T.											6.39
ine Bluff	Arkansas	.91						T	1.52										.04	1.33	3.78	1.58	.88										10.04
Pocahontas	White								.50							.48			.48	1.50	.84	1.08											4.88
Portland	Ouachita	.44							.90										.79	.91	.45	2.91	.48	T.									6.88
Prescott	Ouachita	.48						.28	1.05											2.75	2.12	1.42											8.10
Quitman	Arkansas								.87									T.	*	1.65	.92	.84											4.28
Rison	Ouachita								1.55												1.50												
Rogers (near)	White							1.20								.18			.48	.25	.74	T.											2.85
Rosebud	Arkansas							.74											1.61	1.12	.98	T.											4.45
St. Francis	St. Francis	.58						.10	.48	T.	.12					T.	.48	.10	T.	2.31	1.04	1.38											6.59
Searcy	White							.15	.60								.02		.66	1.19	1.84	.48											4.94
Story	Ouachita							*	.90										T.	1.11	1.52	1.80											5.33
Stuttgart	Arkansas	1.41							.98	T.									.08	.50	5.10	1.65	.50										10.22
Subiaco	Arkansas							1.08	.03										1.41	.70	1.80	.03											5.05
Sunset	Arkansas							1.00	.03	.02						.01	T.		.61	.34	.98	.07											3.06
Texarkana	Red	.35							.67										.70	3.90	1.40	1.10											8.12
Thornburg	Arkansas	T.						.90		T.							T		1.04	1.00	2.10	.06											5.10
Waldron	Arkansas							.92									T.		1.85	.70	1.37	T.											4.84
Warren	Ouachita							*	1.14										1.50	4.05	.70	*.32*											7.71
Waters	Ouachita							T.	.98										*	2.10	*	3.31											6.39
Wilson	Mississippi	*1.15*							*.55*											2.00	*	*	4.15										7.85
Wooley Hollow	Arkansas							.04	.77								T.		.03	1.55	*	1.82											4.21
Wynne	St. Francis	.15							41										.14	1.90	2.45	1.91	*.07*										7.03
Yancopin	Arkansas	85		.02					.69	.01									.15	.56	3.29	2.07	.36	T									8.00

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.0	4.0	3.9	3.9	8.5	3.5	3.8	3.8	4.1	4.9	5.0	5.6	5.6	5.6	5.0	4.8	4.6	5.0	5.5	7.0	7.0	7.0	7.5	8.0	8.5	7.4	5.6	5.2	5.0	4.8	4.8
Calico Rock	do	18	1.4	1.4	1.4	0.9	0.8	1.2	1.3	1.3	1.5	3.9	4.0	3.8	4.0	3.8	3.2	3.2	3.2	3.5	3.3	6.6	8.3	8.0	7.3	7.3	6.9	5.8	4.9	4.3	4.0	3.6	3.3
Batesville	do	23	6.6	6.4	6.8	6.8	5.8	5.8	6.0	7.0	6.6	7.5	9.3	9.3	9.3	9.1	8.9	8.4	8.4	8.4	11.1	12.1	17.4	16.0	14.3	13.8	13.9	12.4	11.3	10.4	9.7	9.4	8.8
Newport	do	26	3.9	3.9	3.8	4.0	3.6	3.2	3.1	3.5	4.0	3.9	4.9	5.9	6.0	6.1	5.9	5.5	5.2	5.2	6.2	10.7	15.9	18.7	19.2	19.1	19.0	19.0	18.3	17.4	16.4	15.4	14.5
Georgetown	do	21	6.3	6.6	6.7	6.5	6.5	6.3	5.9	5.8	6.2	7.2	8.0	8.3	8.6	8.9	8.9	8.8	8.4	8.0	8.1	11.8	17.0	19.2	20.3	20.7	20.6	20.6	20.6	20.6	20.5	20.4	20.2
Clarendon	do	26	15.5	16.1	16.1	16.0	15.9	15.7	15.6	15.4	15.4	15.5	15.8	16.2	16.5	16.8	17.0	17.1	16.9	16.7	16.5	18.6	21.0	22.1	23.0	23.7	24.5	25.2	25.6	25.9	26.1	26.2	26.3
Black Rock	Black	14	3.9	4.2	4.4	4.4	4.3	4.1	4.0	4.0	4.2	4.0	4.0	4.0	3.9	3.9	3.8	4.1	4.6	4.7	9.3	13.3	17.2	17.7	16.9	16.1	15.4	14.7	14.6	14.1	13.8	13.5	12.7
Arkadelphia	Ouachita	17	12.1	10.3	9.5	9.0	8.8	8.5	8.3	11.1	10.0	9.3	9.7	8.7	8.4	8.2	8.3	8.2	8.1	8.2	8.5	17.5	24.4	25.1	20.9	14.2	10.8	10.4	10.1	9.9	8.7	8.5	8.4
Camden	Ouachita	26	15.7	17.2	19.0	19.8	18.4	17.1	15.2	13.7	15.0	17.9	18.6	18.4	17.3	14.5	13.5	12.4	11.6	11.2	11.0	14.6	23.4	28.2	31.7	35.1	37.1	36.8	35.5	33.7	32.0	29.9	27.1
Fulton	Red	25	7.1	7.6	9.3	10.0	9.6	8.8	8.0	8.8	8.1	10.0	11.0	11.5	11.1	10.6	9.5	8.6	8.0	7.7	7.8	10.2	13.3	18.5	20.5	21.9	22.2	21.3	21.5	19.4	18.6	17.5	16.4
Helena	Mississippi	41	12.9	13.7	14.2	14.6	15.3	16.0	16.6	17.3	17.7	17.5	17.2	16.8	16.3	15.6	15.0	15.3	16.4	17.4	18.3	20.4	23.3	26.9	29.8	32.0	34.0	35.3	36.2	36.9	37.4	37.7	38.0
Arkansas City	do	48	12.2	13.0	13.9	14.6	15.2	15.8	16.4	17.0	17.6	18.0	18.1	18.1	17.9	17.7	17.5	17.1	17.3	17.8	18.6	19.5	21.3	24.0	27.3	30.1	32.3	33.9	35.0	35.8	36.3	36.7	37.1

Daily temperatures for January, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville §§......	Maximum	45	55	57	40	52	53	57	61	55	63	55	60	57	47	46	69	55	46	55	57	15	31	33	24	45	64	40	49	50	49	61	49.9
	Minimum	32	20	27	21	17	17	48	41	41	36	35	34	37	24	23	41	42	40	42	45	14	7	7	12	12	20	26	16	17	20	20	26.9
Bee Branch........	Maximum	50	54	58	51	47	50	55	62	60	69	65	56	57	56	50	68	69	52	52	60	55	31	33	32	45	64	62	48	49	52	58	53.9
	Minimum	29	27	26	33	23	39	49	45	47	40	37	38	44	29	39	48	42	42	43	40	10	6	22	15	19	29	29	21	30	28	27	32.1
Bentonville ***....	Maximum	43	53	48	52	51	62	58	54	66	55	56	56	56	48	57	69	50	48	54	47	7	24	22	32	48	65	34	48	51	56	57	49.3
	Minimum	22	29	27	22	31	42	50	40	43	37	32	44	31	29	39	42	33	43	43	7	− 1	2	13	13	23	29	27	25	30	28	34	29.3
Blytheville........	Maximum	52	52	56	44	58	58	59	63	54	52	51	57	63	49	42	67	68	48	60	61	60	25	27	22	37	51	38	46	48	46	54	50.6
	Minimum	30	29	31	21	23	40	49	54	47	41	34	37	48	29	38	40	42	42	44	55	13	10	18	9	19	29	30	20	27	26	25	32 3
Booneville	Maximum	48	59	58	49	54	63	58	61	70	63	57	64	61	57	60	75	72	53	54	57	38	31	47	35	75	70	66	54	53	54	62	57.4
	Minimum	29	21	27	29	29	40	52	39	49	40	32	41	48	33	43	51	41	43	45	37	8	8	20	21	20	25	34	26	31	29	29	32.9
Brinkley	Maximum	53	56	60	52	57	58	61	65	68	71	60	62	66	60	57	72	71	55	56	62	59	31	34	31	44	65	55	52	51	49	59	56.5
	Minimum	34	25	32	25	24	42	51	52	41	41	37	36	55	31	37	51	46	44	45	47	14	11	23	14	18	29	32	21	30	27	25	33.5
Calico Rock§§.....	Maximum	46	60	55	44	54	59	58	60	68	63	56	61	55	47	47	75	56	46	55	65	11	32	30	29	49	65	37	53	50	42	61	51.3
	Minimum	29	20	20	20	19	20	40	48	45	40	30	30	39	25	25	35	37	37	41	44	9	4	5	11	11	18	26	18	21	22	21	26.1
Camden§§.........	Maximum	54	54	58	57	56	58	60	64	69	68	70	73	70	69	78	86	*73*	*59*	*65*	*71*	*60*	*29*	*38*	*40*	*46*	*69*	*62*	*57*	*53*	*54*	*59*	*60.6*
	Minimum	35	22	23	32	26	26	48	47	38	37	37	34	33	37	36	46	56	48	48	50	23	15	10	24	24	25	35	29	29	33	31	33.5
Carthage §§........	Maximum	46	54	60	46	58	56	60	62	67	71	56	64	68	53	66	74	60	60	61	64	23	31	38	30	47	62	44	52	50	52	57	54.6
	Minimum	33	23	23	29	25	25	41	50	39	38	36	32	31	35	35	42	50	46	46	52	22	14	15	21	19	19	34	21	22	30	28	31.5
Center Point	Maximum	60	63	59	56	57	56	61	65	65	71	65	59	69	58	62	74	71	56	57	60	53	32	50	40	50	69	59	52	60	57	60	58.9
	Minimum	25	21	30	29	27	42	50	43	41	37	35	38	45	36	42	58	47	43	49	50	13	8	21	20	19	29	34	24	39	32	30	34.1
Conway	Maximum	55	60	61	58	53	51	58	60	67	73	72	61	69	59	55	75	70	59	54	58	55	35	39	37	52	72	59	56	54	51	61	58.1
	Minimum	30	23	27	26	24	41	52	44	48	41	37	39	46	29	39	50	46	43	46	52	15	9	22	18	19	28	34	21	32	27	26	33.4
Corning...........	Maximum	46	53	55	47	54	54	56	64	57	55	54	56	60	50	40	68	67	50	50	59	56	31	29	24	39	53	46	45	48	46	53	50.5
	Minimum	30	28	29	19	20	35	49	56	48	41	30	38	46	28	35	38	37	40	42	45	11	6	20	7	18	29	29	19	24	25	24	30.5
Crossett§§.........	Maximum	49	57	59	57	59	60	67	62	69	77	62	71	65	58	66	77	64	67	74	77	31	29	38	42	56	62	68	53	56	56	62	59.7
	Minimum	37	23	26	32	29	36	45	48	39	40	40	40	42	38	39	47	56	47	49	64	30	12	15	19	22	24	27	24	24	28	30	34.6
Dardanelle........	Maximum	49	59	59	53	49	56	57	64	63	67	57	60	65	56	52	74	71	53	53	57	49	32	40	36	49	67	60	54	50	50	56	55.4
	Minimum	31	22	28	27	24	34	50	44	48	40	36	39	50	29	41	48	43	43	46	48	13	9	21	20	20	28	34	20	30	27	28	32.9
Deer..............	Maximum	41	49	50	49	..	55	55	55	63	61	50	52	..	53	45	63	.	63	55	53	38	27	24	29	47	69	57	48	45	.	57	50 1
	Minimum	24	30	34	11	..	29	46	40	41	45	31	36	..	23	32	44	..	35	37	38	−11	− 2	12	7	10	38	23	22	27	..	24	26.9
Dumas	Maximum	58	58	59	57	59	68	64	67	71	78	64	66	70	62	71	80	75	56	76	66	66	26	34	32	47	69	63	54	52	52	59	60.6
	Minimum	36	27	30	29	26	34	53	51	44	42	38	37	52	39	44	56	50	47	52	56	15	14	22	19	19	32	33	24	36	31	29	36.0
Dutton	Maximum	49	54	61	53	49	61	56	66	63	69	59	52	57	53	48	62	62	48	54	53	32	32	34	31	49	76	54	47	57	62	62	53.7
	Minimum	20	17	24	14	21	30	45	34	37	30	26	37	39	30	35	45	30	38	42	32	− 2	− 3	15	10	12	25	24	19	20	20	22	25.4
England	Maximum	51	51	58	48	54	55	60	63	67	71	63	62	65	56	59	73	68	52	58	59	55	28	36	32	47	68	59	52	51	51	57	55.8
	Minimum	31	26	29	27	25	42	52	48	43	43	38	36	51	31	37	52	47	45	48	54	12	12	23	18	20	31	32	23	35	29	29	34.6
Eureka Springs ..	Maximum	47	55	51	51	55	65	59	56	68	59	56	58	57	45	44	68	66	46	53	52	32	31	23	33	51	69	46	51	52	55	60	52·1
	Minimum	21	33	37	19	33	44	52	43	44	41	31	43	35	26	36	41	33	41	41	31	− 1	1	15	11	20	42	27	22	31	27	35	30.8
Fayetteville.......	Maximum	43	51	50	53	49	60	58	57	65	56	56	54	58	51	54	70	68	49	56	55	31	28	27	32	49	65	58	48	53	56	58	52.2
	Minimum	23	30	34	22	34	44	53	39	42	40	30	45	38	28	39	53	35	44	46	31	− 1	3	19	14	22	38	28	25	28	28	31	31.8
Fort Smith***.....	Maximum	45	55	57	47	50	59	56	57	70	54	56	63	57	50	51	75	54	49	53	53	17	33	33	31	47	66	39	48	53	54	58	51.3
	Minimum	30	27	32	30	30	41	50	43	49	42	38	41	39	35	44	51	44	43	47	17	6	8	22	21	22	32	30	27	35	33	35	33.7
Gravette...........	Maximum	42	54	47	52	50	61	58	59	66	56	56	56	56	46	52	69	69	53	53	56	27	25	26	32	50	61	49	51	52	58	60	51.7
	Minimum	21	28	30	22	31	40	50	35	43	35	29	42	37	28	37	51	31	41	43	19	− 2	1	16	12	20	33	27	28	29	28	31	29.5
Harrison	Maximum	46	57	50	43	53	62	56	58	70	60	51	59	60	42	44	70	68	48	53	55	33	27	26	27	56	62	51	51	48	46	60	51.4
	Minimum	25	26	31	20	24	42	51	45	43	40	32	39	41	27	36	40	34	40	41	33	3	2	20	12	18	38	28	23	30	26	26	30.2
Helena.............	Maximum	53	54	60	52	59	58	64	64	68	72	59	62	69	54	57	71	69	57	64	63	61	25	34	28	39	63	53	51	50	50	57	56.1
	Minimum	31	25	31	25	30	46	52	52	42	45	39	40	51	32	40	54	47	44	49	55	13	13	15	14	18	31	32	23	36	30	28	34.9
Highland..........	Maximum	61	60	62	65	55	55	60	71	68	74	62	61	80	67	60	72	72	61	56	60	60	35	51	43	49	66	72	60	58	55	60	61.0
	Minimum	30	30	31	29	28	44	50	45	44	42	39	38	47	36	42	55	49	44	48	49	14	10	24	21	21	38	34	25	42	32	32	35.9
Hope	Maximum	55	50	62	68	66	59	63	66	62	74	63	64	75	62	69	67	71	58	63	67	53	34	49	41	51	64	62	64	59	56	63	60.6
	Minimum	35	25	34	31	28	45	53	49	43	38	38	36	52	37	42	53	52	46	52	52	17	14	23	24	22	34	35	24	36	32	30	36.5
Hot Springs.......	Maximum	51	55	58	54	54	55	59	63	64	71	65	61	66	63	57	70	71	58	57	58	54	32	40	40	49	72	67	54	53	56	60	57 6
	Minimum	34	27	38	27	27	45	50	47	48	48	39	39	54	33	41	55	47	44	46	54	14	10	24	19	20	40	34	24	38	32	35	36.5
Jonesboro	Maximum	45	52	52	45	52	52	54	61	59	51	50	55	58	48	41	66	66	46	49	56	54	26	28	21	41	55	42	46	45	44	54	48.8
	Minimum	32	28	30	20	21	39	42	50	46	42	33	35	45	28	35	38	41	40	40	48	12	8	20	8	16	30	29	19	27	25	26	30.7
Lead Hill..........	Maximum	43	56	51	47	49	65	56	58	68	57	55	59	60	45	42	73	69	49	52	54	34	28	27	28	45	48	46	51	46	44	60	50.5
	Minimum	25	19	20	15	19	29	51	44	48	37	28	40	39	26	36	39	31	41	42	32	3	3	17	11	15	28	30	19	29	24	22	27.8
Little Rock.***	Maximum	44	53	58	41	52	54	58	61	63	70	52	60	62	49	56	72	67	50	56	57	32	29	34	26	45	67	42	51	47	50	53	52.0
	Minimum	33	28	33	27	29	42	52	49	48	44	41	40	43	34	42	53	49	44	47	32	13	10	24	18	20	35	30	27	34	30	32	34.9
Lutherville........	Maximum	46	54	56	51	47	55	56	60	65	63	58	55	60	51	48	71	70	52	53	56	49	31	35	30	46	66	62	53	52	51	54	53.4
	Minimum	30	26	29	24	27	40	48	43	48	43	37	40	46	31	40	45	41	41	44	48	9	5	19	17	17	34	31	22	31	28	31	32.7
Magnolia..........	Maximum	55	55	60	53	68	59	63	63	67	70	76	64	72	69	72	77	74	59	72	78	61	33	45	42	52	70	60	55	58	57	61	61.9
	Minimum	36	25	31	33	43	49	53	50	40	42	44	40	54	40	45	63	57	48	54	57	15	9	23	24	24	35	35	28	37	35	34	38.8
Mammoth Spring.	Maximum	47	57	53	46	49	53	54	54	56	58	57	59	52	47	44	69	65	52	54	56	53	29	26	23	44	56	49	49	52	46	59	50.6
	Minimum	27	21	23	20	18	33	49	44	45	37	35	39	45	29	36	40	37	40	43	47	9	5	20	12	18	26	24	19	29	26	23	29.6
Marianna.........	Maximum	54	54	59	50	57	56	64	63	65	70	64	61	64	68	60	71	71	59	63	65	60	26	33	32	40	62	56	56	50	48	57	56 7
	Minimum	36	24	34	26	25	32	40	51	43	45	38	37	36	32	37	53	42	40	49	57	14	15	24	14	19	31	21	21	31	29	28	33.0
Marked Tree§§....	Maximum	43	52	58	42	56	57	60	64	61	56	54	60	62	50	60	69	57	51	59	61	18	27	30	25	38	58	40	47	51	47	56	50.6
	Minimum	32	23	27	20	22	24	41	50	45	40	35	36	38	29	30	40	43	43	43	49	18	11	11	10	11	18	30	20	20	26	25	29.4
Marshall	Maximum	49	54	56	51	53	54	56	58	69	62	54	55	57	52	49	71	69	50	56	57	43	28	28	28	51	61	58	52	51	49	63	53.0
	Minimum	25	21	22	15	26	41	46	41	45	37	28	38	37	22	37	43	33	39	39	41	4	1	16	10	18	28	27	21	25	23	23	23.1
Mena..............	Maximum	45	52	57	53	53	62	60	63	66	70	56	61	59	54	55	69	65	52	54	55	41	32	40	37	51	69	55	53	58	55	62	55.3
	Minimum	30	25	31	29	25	50	52	39	46	45	40	38	45	31	45	55	43	43	46	41	6	6	20	20	21	35	33	23	42	30	29	34.4
Morrilton §§......	Maximum	47	58	57	41	52	55	58	62	66	66	56	59	63	50	66	72	55	49	56	57	20	31	36	28	48	66	39	51	47	49	57	52.2
	Minimum	34	26	27	26	26	26	44	45	46	42	38	39	40	31	30	42	45	43	43	47	18	10	11	18	18	20	31	23	23	27	28	31.2
Mountain Home..	Maximum	55	61	54	42	54	60	56	57	68	60	54	60	55	44	40	70	69	46	51	56	40	33	28	23	53	64	46	53	49	40	62	51.7
	Minimum	28	22	25	19	21	35	49	41	47	40	39	38	40	26	34	37	34	40	41	36	5	2	19	10	16	30	27	20	28	24	23	29.0
Mount Ida........	Maximum	49	55	61	51	56	56	60	65	71	73	61	60	65	56	58	73	70	55	55	57	44	34	43	36	55	75	64	55	56	55	64	57.7
	Minimum	28	16	22	23	20	38	50	37	38	33	29	31	52	28	37	53	33	43	46	43	10	8	16	20	14	26	34	16	35	21	22	29.7
Newport	Maximum	..	..	58	..	58	..	..	59	63	..	..	60	60	..	..	71	..	..	55	58	58	31	31	29	40	48	48	48	47	46	52	51.0
	Minimum	33	27	31	25	23	.	51	52	42	41	37	38	..	31	37	42	47	41	41	55	14	9	23	13	20	31	32	21	30	28	26	32.4
Okay	Maximum	51	54	60	55	60	58	63	65	63	73	70	63	70	66	69	76	74	58	59	64	54	38	49	45	52	68	59	53	59	57	61	60.2
	Minimum	32	19	29	30	26	44	50	45	40	33	34	36	43	36	42	62	48	45	50	48	14	10	21	22	20	27	34	22	38	30	28	34.1
Ozark§§...........	Maximum	46	55	58	45	50	59	56	60	61	61	55	56	60	49	56	55	54	50	55	56	36	33	38	31	49	66	41	50	50	45	58	51.4
	Minimum	29	22	22	25	25	32	45	43	42	40	35	35	42	30	30	45	41	40	44	48	10	7	8	20	20	21	29	25	27	30	30	30.4
Pine Bluff.........	Maximum	53	56	60	50	59	58	60	65	67	74	67	67	69	55	62	75	71	55	62	61	57	30	36	31	48	69	55	54	52	51	58	57 6
	Minimum	35	25	29	29	28	46	54	50	45	41	41	37	53	35	40	55	51	47	50	57	14	14	24	20	20	30	34	34	36	32	30	36.6
Pocahontas.......	Maximum	47	54	56	55	53	58	57	65	59	58	58	56	59	54	45	67	67	55	51	59	58	32	32	26	39	58	52	46	50	48	55	52.5
	Minimum	30	22	26	18	19	34	47	51	48	45	30	36	45	26	35	37	36	40	40	47	10	5	20	6	17	25	29	18	26	23	23	29.5
Portland	Maximum	55	55	59	53	61	63	65	66	68	78	69	67	69	66	64	77	72	59	78	78	68	26	37	33	42	68	61	52	53	53	58	60.4
	Minimum	37	25	27	31	28	44	53	49	47	42	42	38	50	37	42	52	56	47	50	65	18	12	18	18	18	31	34	24	33	33	32	36.5
Prescott...........	Maximum	53	55	61	63	57	58	63	63	62	73	68	64	71	66	66	75	73	68	62	64	54	35	45	44	50	69	67	53	58	56	60	60.5
	Minimum	30	24	30	30	27	46	49	48	42	38	38	38	47	36	42	59	50	46	49	52	15	12	24	22	20	34	34	24	37	32	31	35.7
Rison	Maximum	52	55	61	52	60	60	61	65	70	75	70	66	71	63	61	76	75	76	61	64	60	30	37	39	50	59	70	55	55	53	58	60.0
	Minimum	26	34	31	29	28	45	53	50	42	50	39	40	44	36	42	59	51	52	51	56	14	13	22	20	21	30	34	24	33	31	34	36.6
Searcy	Maximum	49	53	58	49	52	52	59	61	64	68	58	60	63	53	50	71	70	51	52	57	56	31	33	28	41	63	59	47	49	49	57	53.6
	Minimum	32	27	29	23	21	43	50	49	46	41	37	38	47	31	38	47	43	43	45	51	12	9	22	14	19	31	32	22	31	27	28	33.3
Stuttgart	Maximum	53	55	56	49	55	57	60	63	68	69	69	61	68	60	60	73	51	56	59	63	63	29	34	33	42	64	58	49	50	49	57	55.9
	Minimum	35	27	29	27	26	42	53	50	44	43	41	39	48	32	38	50	42	44	46	42	15	12	23	16	18	30	32	24	34	28	29	34.2
Sunset.............	Maximum	44	51	51	52	46	59	57	57	64	59	60	51	53	48	49	65	64	48	53	53	31	25	25	30	48	70	60	48	56	57	57	51.3
	Minimum	22	30	35	26	34	43	49	41	40	43	34	42	39	28	39	49	37	41	46	31	− 2	− 4	16	11	19	40	24	25	28	33	38	31.5
Texarkana	Maximum	50	53	60	53	61	57	63	64	67	75	62	62	73	63	69	75	72	62	63	68	50	35	50	41	58	72	57	55	61	56	61	60.3
	Minimum	31	23	35	30	27	35	43	44	39	42	37	38	47	37	41	59	45	40	50	50	15	9	21	23	21	32	33	23	35	32	31	34.5
Thornburg	Maximum	47	55	60	45	54	54	59	63	68	68	58	60	64	55	58	71	69	51	55	58	49	31	37	33	54	74	54	53	45	53	60	55.3
	Minimum	30	17	25	25	22	41	49	35	45	35	31	36	53	26	39	51	34	41	43	48	12	8	21	17	15	26	30	15	25	20	21	30.2
Warren	Maximum	55	55	60	57	58	60	63	63	69	75	74	75	70	66	.	75	73	59	65	71	60	29	38	40	46	69	62	57	53	54	59	60.3
	Minimum	35	26	30	31	28	45	53	49	41	42	41	42	40	45	..	56	54	48	50	53	15	13	24	23	20	34	36	26	36	32	32	36.8
Wilson	Maximum	53	55	57	54	57	58	61	62	62	57	52	60	63	65	47	68	69	53	60	60	58	26	28	24	38	56	54	58	49	47	56	53.8
	Minimum	31	26	28	20	20	47	41	52	46	40	32	35	53	28	35	43	41	42	43	41	13	9	12	8	17	29	30	20	27	25	24	30.9
Wynne	Maximum	45	53	57	46	56	57	62	62	65	64	65	63	64	48	54	70	70	68	65	62	55	27	31	27	40	62	45	44	45	47	53	53.9
	Minimum	27	24	27	20	21	51	45	49	40	39	33	32	35	28	35	49	42	40	42	52	11	9	20	10	15	27	28	18	26	25	23	30 1

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. - 3-4-35-1050

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

. XL LITTLE ROCK, ARK., FEBRUARY, 1935 No. 2

GENERAL SUMMARY

Iild weather prevailed until the 24th with departures con- rably above normal on the 5th, 8th, 14th, and 21st. On 25th a cold wave overspread the State bringing the coldest ther of the month to all sections, temperatures being as low ° in the western portion and 16° in the southeastern. average temperature for the State, based on the records of tations, was 45.8° which is 2.2° above the mean for the 45 years, only 6 stations having negative departures. thly means ranged from 40.0° at Deer in the Ozarks to ° at Warren in the southeastern portion. The highest perature reported was 87° at Dumas on the 21st; the low- 8° at Thornburg on the 27th. The greatest daily range 52° at Pocahontas on the 21st.

recipitation was general over the State from the 7th to the and on the 13th and 25th. Sleet or snow was reported on 25th or 26th but nearly all of it melted as it fell. Some v occurred in the northwestern portion on the 16th. The age depth for the 94 stations reporting was a trace, only 11 ons having measureable amounts for the month. The age precipitation for the State for the 94 stations reporting 2.44 inches which is 0.88 inch below the mean for the past ears. Only 7 stations with records of 10 years or more positive departures. Monthly totals ranged from 0.58 at Rogers to 5.23 inches at Warren. The greatest amount ainfall measured in any 24-hour period was 4.00 inches at rren on the 8th. The average number of rainy days was 6. he weather was favorable for out-door activities the first days of the month but the soil was generally too wet for ving because of previous rains. The rather heavy rainfall astern and southern portions from the 7th to the 9th de- d farm work but some truck was planted in a few southern central localities. Considerable plowing was done in the hwestern portion about the middle of the month and in t up-land sections from the 20th to the 24th. Spring oats, toes, and garden vegetables were planted in central and hern portions before the cold wave of the 25th. The weath- vas favorable during the month for growth of wheat, oats, meadows, and pastures until the 25th when some damage urred from the low temperatures. T.A.M.

Tornadoes:

eenwood (2 1-2 miles southeast of), 24th, 9:00 p.m., from south- , path 400 feet wide, three persons injured, property damage $3,500. ich (1 mile northwest of), 24th, 9:30 p. m., from southwest, path ow to 2000 feet, 6 persons injured, property damage $4,000. Luther- and vicinity, 24th. 10:30 p. m. from southwest, path 300 feet wide, e injured, property damage $8,000. It was probably the same torna- hat struck Greenwood and Branch and may have been the same n that hit Lutherville.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	4	7				1	5	19	6	4	1	2	3		1									1							
Light Hail							1							1	2										1						
Moderate Hail																															
Sleet																1								1	39	2					
Thunderstorms								3			1		1		4									6	18						

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 12	30.56	1	29.55	24	7.5	21	sw	21	..	..	..	55
Fort Smith	30.13	30.59	1	29.57	24	8.8	32	sw	21	78	56	56	49
Little Rock	30.15	30.64	27	29.74	14	9.3	29	sw	21	76	59	56	50
Memphis	30.13	30.63	28	29.73	14	8.5	22	nw	22	78	64	68	50

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	+2.9	80	6	2.92	-0.40	7.87	0.75	....	8	10	9	9
1892	49.0	+5.4	78	18	3.47	+0.15	6.50	1.24	T.	7	11	9	9
1893	42.4	-1.2	74	2	4.05	+0.73	6.63	0.07	0.8	8	9	6	13
1894	40.5	-3.1	75	0	6.32	+3.00	11.46	2.15	2.5	8	8	7	13
1895	33.5	-10.1	78	-17	0.71	-2.61	1.99	0.10	2.0	4	10	7	11
1896	45.2	+1.6	79	11	3.30	-0.02	7 69	1.44	0.5	6	15	6	8
1897	46.6	+3.0	89	7	2.59	-0.73	5.80	0.45	0 7	4	10	7	11
1898	45.8	+2.2	82	7	2.08	-1.24	5 28	0.47	T.	5	15	5	8
1899	31.8	-11.8	75	-25	2.18	-1.14	4.15	0.63	2.7	6	12	6	10
1900	39.7	-3.9	74	- 5	5.06	+1.74	6 06	1 92	1.2	8	9	7	12
1901	40.8	-2.8	79	10	2.18	-1.14	4.45	0.74	1.6	6	10	7	11
1902	35.0	-8.6	72	- 2	2.60	-0.72	4.63	0.50	3.2	5	9	8	11
1903	41.0	-2.6	79	-12	7.63	+4.31	11.49	3.15	2 7	10	10	6	12
1904	44.9	+1.3	86	10	2.47	-0.85	5.01	0.18	0.8	5	12	8	9
1905	32.3	-11.3	82	-29	2.55	-0.77	5.71	1.00	7.1	7	9	6	13
1906	41.8	-1.8	75	- 7	2.21	-1.11	4.00	0.87	1.6	6	15	5	8
1907	44.9	+1.3	83	4	2.77	-0.55	5.45	0.29	0.5	5	12	6	10
1908	44.2	+0.6	78	0	5.26	+1.94	12.70	1.92	0.4	9	12	5	12
1909	47.3	+3.7	82	5	5.41	+2.09	8.96	1.57	0.9	8	13	6	9
1910	39.0	-4.6	75	-13	3.66	+0.34	6.57	1.60	5.9	7	11	6	11
1911	49.8	+6.2	87	7	4.31	+0.99	7.20	2 38	0.3	9	9	8	11
1912	37.9	-5.7	78	- 7	2.80	-0.52	4.50	1.32	4.5	6	12	8	9
1913	41.0	-2.6	82	5	3.74	+0.42	5.97	0.95	1.8	8	11	6	11
1914	40.4	-3.2	79	- 2	4.23	+0.91	8.60	1.68	0.9	7	11	7	10
1915	45.9	+2.3	76	11	4.47	+1.15	6.90	2.52	1.3	8	11	5	12
1916	43.4	-0.2	82	6	1.78	-1.54	4.43	0.06	1.3	5	14	4	11
1917	43.4	-0.2	89	- 4	1.93	-1.39	4.80	0 50	1.1	4	15	5	8
1918	46.9	+3.3	93	4	1.17	-2.15	4.44	0.00	0.4	4	12	6	10
1919	44.1	+0.5	80	-10	3.34	+0.02	5.56	1.44	2 5	8	13	4	11
1920	45.0	+1.4	79	- 2	1.26	-2.06	3.18	0.35	1.0	5	11	8	10
1921	48.3	+4 7	85	- 3	3.59	+0.27	8.90	1.06	9.8	6	15	5	8
1922	47 8	+4.2	84	10	4.89	+1.57	9 70	1.70	1.3	8	9	7	12
1923	41.9	-1 7	80	5	4.66	+1.34	8.21	1.66	1 9	8	11	4	13
1924	42 9	-0.7	82	- 7	2.26	-1.06	6.36	0.60	0.4	7	12	4	13
1925	49 3	+5.7	83	12	3.37	+0.05	6.65	1.04	0.5	6	12	7	9
1926	48.5	+4.9	88	10	2.02	-1.30	3.52	0.61	0.3	4	15	5	8
1927	52.1	+8.5	90	9	2.62	-0.70	7.02	1.23	1.5	8	10	7	11
1928	45.0	+1.4	79	10	2.23	-1.09	4.69	0.96	0.6	7	12	6	11
1929	35 4	-8.2	76	-20	4.01	+0.69	6.29	1.97	8.8	10	9	4	15
1930	52.2	+8.6	86	16	3.92	+0.60	6.18	1.60	0.0	6	12	6	10
1931	48.2	+4.6	75	14	4.77	+1.45	8.04	2.52	T.	8	13	4	11
1932	52.0	+8.4	86	9	4.72	+1.40	8 14	1.14	T.	9	13	5	11
1933	41.5	-2.1	82	-13	3.53	+0.21	8.69	1 53	2.4	10	11	5	12
1934	41.5	-2.1	82	3	2.00	-1.32	5 76	0.37	0.5	6	14	4	10
1935	45.8	+2.2	87	8	2.44	-0.88	5.23	0.58	T.	6	12	5	11
Period	43 6	.....	93	-29	3.32	....	12.70	0.00	1.7	7	11	6	11

Daily River Stages for February, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Smith or Buren ...	Arkansas	22	6.3	6.3	6.0	5.8	5.8	5.7	5.6	5.6	5.6	5.6	9.1	9.8	9.4	7.5	7.0	6.7	6.7	7.0	7.0	6.4	6.2	5.8	5.6	5.4	5.6	5.4	5.5	5.6			
k	do	22	2.7	2.4	2.3	2.0	1.9	1.8	1.6	1.5	1.5	1.5	1.9	4.8	4.9	3.9	3.2	2.8	2 4	2.3	2.9	2.7	2 4	2.0	1.7	1.4	1.2	1.2	1.2	1.2			
lanelle	do	22	5.6	5.3	5.3	5.1	4.9	4.7	4 7	4.6	4.7	4.7	4 6	4.9	7 4	7.4	6.5	5.9	5.5	5.3	5.3	5.5	5.3	5.0	4.7	4 5	4.5	4.5	4.4	4.5			
rilton	do	20	3.5	2.9	2.5	2 2	2.0	1.7	1.5	1.4	....	...	....	....	....	....	4.2	3.4	2.8	2.4	2.2	2.4	2.4	2.1	1.7	1.3	1.2	1.4	1.4	1.4			
le Rock	do	23	4.1	3.5	2.9	2.5	2.2	2.0	1.7	1.5	1.5	1.5	1.6	1.5	1 7	3.8	5.0	4.5	3.7	3.1	2.7	2.5	2 5	2.4	2.1	1.7	1.4	1.3	1 6	1.7			
Bluff	do	25	9.5	8.7	8.1	7.5	7.2	6.8	6.4	6.1	6.1	6.0	6.0	6.0	6.0	6.4	8.6	9.1	8.8	8.1	7.5	7.1	6.5	6.5	6.5	6.0	5.9	5.7	5.6	5.7			
ville	Petit Jean	20	6.2	5 8	5.5	5.3	5.1	4.9	4.6	4.7	5.4	5.7	5.4	5.0	5.1	7.3	7.8	7.0	6.3	5.9	5.4	5.2	4.9	4.8	4.7	4 4	5.1	9.0	9.2	7.6			

Climatological Data for February, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	40	45.2	+0.6	75	21	18	27	39	2.64	-0.90	0.70	0.0	8	11	9	8	......	J. W. Campbell
Arkadelphia	Clark	250	40	......	......	......	......	......	......	......	3.16	-0.52	1.07	T.	9	10	3	15	nw.	W. K. Bown
Arkansas City	Desha	145	51	......	......	......	......	......	......	......	4.23	-0.14	1.80	T.	5	12	3	13	......	Herbert Neff
Arlberg	Stone	700	13	......	......	......	......	......	......	......	1.96	-1.50	0.55	0.0	4	.	..	..	......	J. D. Reeves
Batesville	Independence	277	36	42.0	-1.2	77	21	15	27	51	0.76	-2.58	0.30	T.	5	14	2	12	sw.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	43	45.4	+3.0	74	21†	16	27	40	1.85	-1.18	0.71	0.0	5	10	7	11	w.	J. E. Scanlan
Bentonville	Benton	1303	30	41.2	+1.6	73	21	13	27	31	1.09	-1.06	0.43	0.3	6	10	5	13	n.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	5	......	......	......	......	......	......	......	2.06	......	0.66	T.	6	9	5	14	......	C. J. Brooks
Black Rock	Lawrence	259	34	......	......	......	......	......	......	......	2.42	-0.62	1.19	0.0	7	11	1	16	n.	Vernon C. Howe
Blytheville	Mississippi	252	10	44.2	-1.0	75	21	17	27	40	2.37	-0.41	0.73	T.	7	13	5	10	sw.	Samuel Norris
Booneville	Logan	465	21	46.3	+0.3	79	21	16	27	43	1.60	-0.53	0.55	0.2	6	11	8	9	w.	F. H. Randolph
Brinkley	Monroe	205	48	46.4	+2.6	77	21	19	27	39	2.42	-1.58	0.69	0.0	6	16	1	11	nw.	R. J Torry
Calico Rock	Izard	361	31	41.8^{g}	0.0	81^{g}	21	13^{g}	27	48^{h}	1.60	-0.87	0.66	T.	6	12	3	13	nw.	E. R. Wiseman
Camden	Ouachita	158	50	46.6^{c}	-0.6	82^{f}	21	20	28	51^{f}	3.42	-0.46	1.55	0.0	5	11	6	11	sw.	J M. Knight
Carthage	Dallas	297	30	45.0	......	76	21	19	27†	44	3.11	-0.44	1.10	0.0	5	10	7	11	n.	P. K. Wylie
Center Point	Howard	470	36	47.1	+0.1	75	21	13	27	42	2.48	-0.89	0.66	0.0	7	12	4	12	s.	John C. Floyd
Clarendon	Monroe	172	31	......	......	......	......	......	......	......	2.61	-1.21	0.75	T.	6	9	2	17	n.	J. W. Bishop
Clinton	Van Buren	516	14	......	......	......	......	......	......	......	1.99	-1.34	0.59	0.0	4	13	6	9	n.	A L. Stephens
Conway	Faulkner	309	52	49.0	+5.0	86	21	18	27	47	3.11	-0.48	1.31	0.0	6	12	7	9	e.	E. E Cordrey
Corning	Clay	293	42	43.8	+4.3	77	21	16	27	47	2.43	-0.93	1.35	T.	4	11	5	12	w.	Winfred D. Polk
Cotter	Baxter	408	8	......	......	......	......	......	......	......	1.75	......	0.68	0.2	5	11	3	14	......	O. B. McSpadden
Crosset	Ashley	175	23	49.5	+0.3	77	21	22	27	43	3.38	+0.34	1.85	T.	7	13	1	14	ne	G. A Gifford
Danville	Yell	327	19	......	......	......	......	......	......	......	1.73	-0.66	0.90	0.3	5	10	3	15	......	J. M. Patterson
Dardanelle	Yell	330	49	47.4	+2.6	79	21	14	27	44	4.01	+1.05	2.90	0.0	5	10	6	12	nw.	Geo. N. Goodier
Deer	Newton	2200	2	40.0^{d}	......	70^{d}	21	10^{d}	26†	36^{1}	1.98	......	0.83	1.0	6	14^{d}	0^{d}	10^{d}	sw	Mrs. J. M. Essex
Dumas	Desha	162	30	50.2	+1.1	87	21	19	27	46	2.86	-1.13	1.81	T.	7	6	14	8	n.	Ben Johnson
Dutton	Madison	1590	33	......	......	......	......	......	......	......		......	....	....	..	..	..	..	......	J. M. Ricketts
El Dorado	Union	270	35	......	......	......	......	......	......	......	3.18	-0.87	2.02	0.0	4	..	..	..	......	T. B Barnes
England	Lonoke	229	28	47.5	+0.3	78	21	22	27	37	3.38	-0.47	1.10	T.	8	14	2	12	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	43.0	+2.2	67	22	10	27	39	1.77	-0.76	0.72	T.	6	13	5	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	43.2	+3.2	73	21	13	26	38	1.36	-0.96	0.48	T	8	13	6	9	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	45.0	+2.2	77	21	19	27	38	0.70	-1.86	0.25	0.2	7	11	7	10	nw.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	11	......	......	......	......	......	......	......	1.38	-1.64	0.63	T.	5	14	6	8	sw.	R. J. McCuiston
Fulton	Hempstead	260	50	......	......	......	......	......	......	......	3.25	+0.20	1.20	0.0	6	13	1	14	......	T. J. Logan
Georgetown	White	200	23	......	......	......	......	......	......	......	3.10	-0.29	1.10	T.	7	11	3	14	......	Mrs. W. R. Owens
Grannis	Polk	900	16	45.8	+0.2	76	21	10	27	46	2.85	-0.99	1.02	0.0	11	12	7	9	e.	W. E. McVay
Gravette	Benton	1250	38	42.0	+4.3	76	21	11	27	44	1.44	-0.43	0.53	0.5	4	16	4	8	s.	Max W. Schmidt
Harrison	Boone	1052	35	43.0	+4.4	75	21	13	27	41	1.08	-1.40	0.55	T.	6	16	3	9	sw.	Louis R. Keck
Helena	Phillips	250	63	46.8	+2.0	76	21	16	27	35	2.74	-1.76	1.11	T.	7	11	2	15	nw.	James A. Burnett
Higden	Cleburne	445	16	......	......	......	......	......	......	......	1.53	-1.10	0.65	0.0	5	13	6	9	n.	Trumon Brown
Highland	Pike	600	16	48.8	......	82	21	19	27	42	1.93	-1.00	0.83	0.0	5	5	17	6	e.	J. O. Cooley
Hope	Hempstead	377	65	49.9	+1.6	77	21	20	27	40	3.08	-0.92	1.34	0.0	8	15	3	10	ne.	N. P. O'Neal
Hot Springs	Garland	600	44	49.6	+2.8	77	21†	17	27	38	2.77	-0.86	0.87	T.	7	12	8	8	sw.	National Park Service
Index ‡‡	Little River	275	10	......	......	......	......	......	......	......	2.54	-0.33	1.10	0.0	7	12	1	15	......	H. C. Sanderson
Jessieville	Garland	750	9	......	......	......	......	......	......	......	3.50	......	1.00	0.0	6	9	5	14	nw.	U. S Forest Service
Jonesboro	Craighead	345	40	43.6	+1.6	74	21	16	27	40	2.55	-1.07	1.10	T.	5	13	8	7	w	Benedictine Sisters
Lead Hill	Boone	650	29	42.2	+5.2	78	21	9	27	51	1.13	-2.21	0.53	T.	6	14	3	11	w.	J. H Crosswhite
LITTLE ROCK	Pulaski	357	56	46.4	+1.5	75	21	21	27	40	2.40	-1.44	0.94	T.	7	8	9	11	n.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	36	44.4	+2.3	76	21	15	27	38	2.11	-0.89	0.94	0.2	5	14	3	11	sw.	H. G. Lenhardt
Madison	St. Francis	209	5	......	......	......	......	......	......	......	2.91	......	0.96	T.	6	8	0	20	......	J. W. Eppes
Magnolia	Columbia	315	19	51.4^{a}	0.0	76^{a}	21	23^{a}	27	42^{a}	4.65	+1.14	2.80	0.0	5	10^{a}	10^{a}	7^{a}	n.	State Agri. School
Malvern	Hot Springs	277	49	......	......	......	......	......	......	......	2.12	-1.54	1.15	0.0	5	13^{b}	1^{b}	12^{b}	......	
Mammoth Spring	Fulton	600	31	43.2	+3.4	78	21	17	27	49	1.27	-1.44	0.87	T.	3	13	8	7	sw.	S. F. Whittaker
Marianna	Lee	235	24	47.3	+2.0	76	21	20	27	36	2.31	-1.45	0.85	T.	4	13	7	8	s.	C. N. Houck
Marked Tree	Poinsett	229	31	43.6	0.0	76	21	18	27	41	2.14	-1.44	0.81	T.	6	8	6	14	s.	Charles Walton
Marshall	Searcy	1070	21	43.2	-0.6	75	21	12	27	40	1.17	-1.25	0.75	0.0	5	14	2	12	n.	A. J. Parks
Mena	Polk	1207	47	46.2	+2.2	74	21	16	27	38	1.37	-1.78	0.52	0.0	7	14	1	13	n.	E. W. St. John
Morrilton	Conway	347	16	44.0^{f}	-2.6	76^{f}	21	21^{f}	27†	39^{g}	1.87	-0.79	....	0.0	5	7^{f}	5^{f}	10^{f}	......	Miss Ruby Cook
Mountain Home	Baxter	800	23	44.0	+1.8	78	21	12	27	44	2.10	-0.26	0.80	0.0	5	12	3	13	nw.	B. S. Halbert
Mount Ida	Montgomery	650	36	45.6	-0.4	77	21	10	27	50	2.61	-1.33	1.00	0.0	5	14	2	12	nw.	G. A. Whittington
Newport	Jackson	231	52	44.9	+3.3	75	21	19	27	36	2.08	-1.53	0.83	T.	9	10	5	13	n.	J. D. Henderson
Norman	Montgomery	750	7	......	......	......	......	......	......	......	3.39	......	0.96	0.0	8	12	5	11	....	U. S. Forest Service
Oden	Montgomery	800	9	......	......	......	......	......	......	......	2.23	......	0.70	0.0	5	8	3	17	nw.	U. S. Forest Service
Okay	Howard	288	7	48.2	......	78	21	14	27	44	2.69	......	1.18	0.0	8	12	5	11	n.	Charles R. Jackson
Osceola	Mississippi	240	39	45.6	+2.8	76	21	18	27	40	2.37	-1.07	0.67	T	6	9	6	13	n.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	43.6	+0.4	80	21	15	27	49	1.05	-1.42	0.40	0.2	6	11	2	15	nw.	Orkney O. Milton
Paragould	Greene	301	12	......	......	......	......	......	......	......	2.34	-1.39	1.26	0.0	5	11	7	10	sw.	W. R. Heagler
Parkin	Cross	222	5	......	......	......	......	......	......	......	2.34	......	0.75	0.0	5	9	1	18	......	Carroll King
Patterson	Woodruff	196	19	......	......	......	......	......	......	......	2.44	-0.92	1.03	0.0	6	10	5	13	sw.	W. E. Baker
Piggott	Clay	307	11	......	......	......	......	......	......	......	2.53	-0.91	1.10	0.0	5	10	9	9	sw.	V. C. Wright
Pine Bluff	Jefferson	215	48	48.6	+2.4	78	21	23	27	40	3.22	-0.64	1.11	T.	6	16	7	11	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	42	44.1	+2.9	78	21	13	27	52	2.59	-0.74	1.38	0.0	5	11	4	13	ne.	Benedictine Sisters
Portland	Ashley	122	29	50.0	+0.6	77	21	21	27	40	3.16	-1.04	1.18	0.0	3	14	2	12	n.	W E. Edmiston
Prescott	Nevada	329	47	49.3	+2.3	78	21	19	27	41	3.34	-0.15	1.25	T.	6	12	4	12	w.	Craig Williams
Quitman	Cleburne	480	1	......	......	......	......	......	......	......	2.51	......	0.97	T.	5	10	6	12	n.	G. M. Hooten
Rison	Cleveland	243	35	50.0	+3.4	77	21	20	27	38	3.18	-0.21	...	0.0	5	12	7	9	n.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	45	43.1	+4.1	76	21	10	27	42	0.58	-1.31	0.30	0.3	4	15	3	10	n.	Carl A. Starck
Rosebud ‡‡	Faulkner	....	1	......	......	......	......	......	......	......	2.14	......	0.93	T.	4	10	4	14	nw.	Miss Clarice Maddox
St. Francis	Clay	290	8	......	......	......	......	......	......	......	2.65	......	1.08	0.0	6	9	5	14	......	S. T. Rooney
Searcy	White	236	25	46.1	+0.9	74	21	17	27	37	2.23	-0.84	0.78	0.0	8	13	3	12	sw.	Arthur D. Smith
Springbank	Miller	240	26	......	......	......	......	......	......	......	3.35	-0.19	1.65	0.0	7	12	1	15	......	Henry Field
Story	Montgomery	700	11	......	......	......	......	......	......	......	2.33	-1.13	1.20	0.0	5	12	3	13	n.	S. C Story
Stuttgart	Arkansas	209	48	47.5	+2.7	76	21	21	27	36	2.76	-1.17	....	T.	5	10	5	13	ne	Mrs. Kress Swim
Subiaco	Logan	1050	38	46.2	+2.8	78	21	19	27	43	1.58	-1.11	0.50	T.	6	14	6	8	e.	New Subiaco Abbey
Sunset	Washington	2250	4	41.8	......	70	21	9	27	38	0.94	......	0.25	0.5	6	12	5	8	sw.	Walter James
Texarkana	Miller	332	50	49.0	+0.6	77	21	15	27	41	3.69	+0.57	1.20	0.0	6	14	4	10	n.	H. S. Brashear
Thornburg	Perry	650	15	44.8	+1.2	76	21	8	27	47	2.06	-1.80	0.85	T.	5	11	5	12	s.	Edward E. Holmes
Waldron	Scott	675	16	......	......	......	......	......	......	......	1.81	-1.24	0.93	T.	5	14	3	11	ne.	Dr. Cheves Bevill
Warren	Bradley	206	41	52.1^{a}	+5.4	77^{a}	20	22^{a}	26†	43^{a}	5.23	+1.12	4.00	T.	3	16	5	7	n.	Miss Sue Hoyle
Waters	Montgomery	800	11	......	......	......	......	......	......	......	2.64	-0.90	0.98	0.0	6	10	8	10	nw.	J R. Huddleston
Whitecliffs	Little River	290	29	......	......	......	......	......	......	......	5.15	+1.98	1.11	0.0	6	15	0	13	......	William W. Davis
Wilson	Mississippi	237	10	45.0	-0.2	73	20†	14	26	35	2.44	-0.71	0.76	T.	5	17	1	10	n.	D O. Anderson
Wooley Hollow ‡‡	Faulkner	....	1	......	......	......	......	......	......	......	2.61	......	0.97	0.0	6	14	3	11	se.	Ross Shumate
Wynne	Cross	250	27	44.4^{b}	-0.4	76^{b}	21	16^{b}	27	38^{b}	2.92	-0.58	....	T.	6	7^{b}	6^{b}	13^{b}	s.	R. T. Cobb
Yancopin	Desha	167	11	......	......	......	......	......	......	......	3.85	-0.37	1.77	0.0	8	12	1	15	......	W. E. Barton
State Means				45.8	+2.2	87	21	8	27	52	2.44	-0.88	4.00	T.	6	12	5	11	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a.m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for February 1935

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita								.43	.38	.03	.04		.63			.33									.70	.10						2.64
Arkadelphia	Ouachita								.43	.80		.03	.01	1.07	.02		.11									.60	.09						3.16
Arkansas City	Mississippi								T	1.80	T.	T		1.03			.10	T.						T.		.48	.82	T.					4.23
Arlberg	White							.35	.53					.55												.53							1.96
Batesville	White								.11	.12	T.			.30	T.			T.	T.							.15	.08	T.					0.76
Bee Branch	Arkansas							.04	.16	.32				.71												.62							1.85
Bentonville ***	Arkansas							.31	.01	T.			.05	.25			.04								.43	T.	T.						1.09
Big Lake Outlet	St. Francis								.30	.62	.05			.66	T.		T.	T.								.34	.09	T.					2.06
Black Rock	White								.19	1.19	.04			.71				.03	T.							.19	.07						2.42
Blytheville	St. Francis		T						.34	.66	.02			.73			.03	T.								.50	.09						2.37
Booneville	Arkansas	.06						.40	.02	.15				.42			T.								T.	.55							1.60
Brinkley	White								.31	.52				.69			.14									.61	.15						2.42
Calico Rock	White								.16	.37	T.			.66				.03								.33	.05						1.60
Camden	Ouachita								33	1.55				1.15			.10									.29							3.42
Carthage	Ouachita								.35	1.05				1.10			.10									.51	T.						3.11
Center Point	Red							.66	.10			.30	.02	.58		.29										.53							2.48
Clarendon	White								.30	.54				.70			.18	T.								.75	.14	T.					2.61
Clinton	White	T.						.34	T.	.49				.59												.57							1.99
Conway	Arkansas							.29	.11	.33				1.31		22										.85							3.11
Corning	White								.18	1.35				.65												.25							2.43
Cotter	White								.12	.47				.68			T.	T.								.40	.08						1.75
Crossett	Ouachita								.10	1.85		.04		.70			.01									.45	.23						3.38
Danville	Arkansas								.25	.10				45			T.									.90	.03						1.73
Dardanelle	Arkansas								.24	06				2.90												.71	.10						4.01
Deer	White							.14		.10				.50				.13							.28	.83	T						1.98
Dumas	Mississippi							.06		1.81	T.	.03	T.	.75		.14	.04	T.							T.	.03	T.	T					2.86
Dutton	White																																....
El Dorado	Ouachita								.17	.16			2.02	.83			T.																3.18
England	Arkansas							.09	.27	.72			.01	1.10		.27	.04									.88	T.						3.38
Eureka Springs	White	.21						.19	.04					.42			.19									.72							1.77
Fayetteville	White	.11	.01					.34	.03	.01	T			.31			.07	T.							T.	.48							1.36
Fort Smith ***	Arkansas	.08						.24	.02				.13	.07			T	T.							.15	01							0.70
Freeman Sprgs.	Arkansas	.03							.27	.17				.28												.63	T.						1.38
Fulton	Red						T.	.39	1.20				T.	.90	T.	T.	.06									.62	.08						3.25
Georgetown	White								.21	.96				1.10	.05		.21		T.							.53	.04	T.					3.10
Grannis	Red		T.					.52	.10	.18	.02	.05	.06	49	.02	.35	T						T.		.04	1.02							2.85
Gravette	Arkansas							.53						.39			.05									.47							1.44
Harrison	White							.15	.07	.18				.55			.04								.09								1.08
Helena	Mississippi								.25	.79				1.11			.04	.02								.41	.12	T.					2.74
Higden	White							.10	.17	.65				.56												.05							1.53
Highland	Ouachita							25	.10	.83						.15										.60							1.93
Hope	Red							.20	.10	1.34		.05	.03	.74		.06	T.									.56							3.08
Hot Springs	Ouachita							.29	.25	.19		.02		.87		.45										.70							2.77
Index	Red							T.	.22	1.10				.62	.02		.10									.45	.03						2.54
Jessieville	Ouachita								.25	.40				.70		.65										1.00	.50						3.50
Jonesboro	White								.24	.72	T.			1.10			T.	T.								.35	.14						2.55
Lead Hill	White	T.						.06	.04	.18				.53			.05	T							T.	.27	T						1.13
Little Rock ***	Arkansas							.14	.15	.26			.25	.69		.21	T.	T.								.70	T.						2.40
Lutherville	Arkansas							.20	29	.26				.42												.94							2.11
Madison	St. Francis								.30	.96				.64			.06									.80	.15	T					2.91
Magnolia	Red							T.	.30	2.80				1.20		.05										.30							4.65
Malvern	Ouachita							.03	.02	.07				1.15												.85							2.12
Mammoth Spg	White								T.	.10	T.			.87												.30	T.						1.27
Marianna	St. Francis								.35	.45				.66												.85							2.31
Marked Tree	St. Francis								.25	.39				.81			.09									.49	.11						2.14
Marshall	White							.05	03					75			.04									.30							1.17
Mena	Ouachita							.01	.26	.28		.01	T.	.52	T.	.20	.09									T.							1.37
Morrilton	Arkansas								.24					1.02			.01									.50	.10						1.87
Mountain Home	White							.25	T.	.80				.70			.05	T.								.30							2.10
Mount Ida	Ouachita							.21	.08					.86		.46										1.00							2 61
Newport	White								.19	.27	.12			.83	.05		.06	.02								.43	.11						2.08
Norman	Ouachita								.39	.86	.01			.65	.02	.41										.96	.09						3.39
Oden	Ouachita								.63					.58		.23	.09									.70							2.23
Okay	Red							.25	.10	1.18			15	.68		.11										.12	.10						2.69
Osceola	Mississippi								.35	.35	.20			.67												.60	.20						2.37
Ozark	Arkansas	T.						.13	.37	.03				.40	.02											.10							1.05
Paragould	St. Francis									.05	1.26			.56				.05								T	.42						2.34
Parkin	St. Francis								.23	.75	T.			65			.06									.65							2.34
Patterson	White								.32	.55				1.03	.08		28									.18	T.						2.44
Piggott	St. Francis								.10	1.10				1.00	.05											.28							2 53
Pine Bluff	Arkansas								.24	1.03	T.	T.		1.11			.10									.61	.13	T.					3.22
Pocahontas	White								.18	1.38				.70			.05									.28							2.59
Portland	Ouachita									1.18				1.05												T.	.93						3.16
Prescott	Ouachita							T.	.34	1.25				.89			.16									63	.07						3.34
Quitman	Arkansas								.26	.68				.97			T.									*	.60						2.51
Rison	Ouachita								*	1.54				.82		.15										.67							3.18
Rogers (near)	White							.30						.10			.03									.15							0.58
Rosebud	Arkansas							.29	.21	T.			.93			T.										.71							2.14
St. Francis	St. Francis						T.		16	1.08	.12			.98	.14			T								.17	T						2.65
Searcy	White							.08	.11	.61				.78	.03	.17	.02									.43							2.23
Springbank	White							T.	.58	1.55		.02		.94	.01											.23	.02						3.35
Story	Ouachita							*	.40					.52		T.	.21									1.20							2.33
Stuttgart	Arkansas								.67	.33				.84			T.									*	.92	T.					2.76
Subiaco	Arkansas							33	.15	.05			T.	.45											.10	.50							1.58
Sunset	Arkansas							.19	.04	.17	T.			.28			.06	T.								.20	T.						0.94
Texarkana	Red							.10	.65	1.20				.54		.35										.85							3.69
Thornburg	Arkansas							.12		.13		T.	T.	.72		.24	T									.85							2.06
Waldron	Arkansas	.02						.33	.10					.43		T.									T	.93							1.81
Warren	Ouachita						T.	.33	4.00					.90	T.										T.	T.							5.23
Waters	Ouachita							T.	.25			T.	.10	.22		.98									.11	.98							2.64
Whiteclffs.	Red								1.00	.65				.80	.79		80									1 11							5.15
Wilson	Mississippi								.35	.48				.75												.76	.10						2.44
Wooley Hollow	Arkansas								.28	.53				.97	.02	.09										.72							2.61
Wynne	St. Francis								.14	.87				.57			.38									*	.96	T.					2.92
Yancopin	Arkansas								.21	1 63		.01		1.77			.09							T		.04	.06	.01					3.85

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.8	4.4	4.4	4.1	4.0	4.0	4.0	4.1	4.1	4.2	4.0	3.7	3.7	3.7	3.7	3.9	4.0	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.0	3.7	3.5			
Calico Rock	do	18	3.1	2.7	2.5	2.0	1.9	2.0	1.9	2.1	1.5	1.5	1.9	1.5	1.0	2.0	2.0	2.5	1.8	2.0	2.0	1.8	1.6	1.7	1.5	1.4	1.5	1.5	1.1	1.5			
Batesville	do	23	8.8	8.4	8.1	7.8	7.6	7.0	7.4	7.1	7.4	6.8	7.2	7.2	7.2	7.2	7.7	7.7	7.8	7.3	7.6	7.1	7.0	6.7	6.8	6.6	6.5	6.8	6.5	6.2			
Newport	do	26	13.4	12.5	11.4	10.3	9.1	7.9	7.0	6.4	6.0	6.2	6.1	6.2	6.0	6.7	7.2	7.5	7.4	7.2	6.7	6.5	5.9	5.5	5.2	4.9	4.7	4.4	4.5	4.0			
Georgetown	do	21	19.9	19.4	18.8	18.0	17.0	16.0	14.7	13.5	12.5	11.7	11.2	11.0	10.8	11.2	11.8	12.3	12.3	12.0	11.9	11.4	10.9	10.2	9.6	9.0	8.5	8.0	7.7	7.4			
Clarendon	do	26	26.3	26.3	26.3	26.3	26.2	26.0	25.7	25.4	25.1	24.6	24.1	23.6	23.3	23.0	22.7	22.6	22.5	22.4	22.3	22.2	22.0	21.7	21.3	20.9	20.4	19.9	19.4	18.9			
Black Rock	Black	14	11.7	10.6	9.4	8.5	7.6	6.9	6.4	5.9	6.1	6.5	6.4	5.9	6.2	7.0	7.2	7.0	6.8	6.5	6.1	5.8	5.6	5.4	5.1	4.9	4.7	4.5	4.4	4.1			
Arkadelphia	Ouachita	17	8.3	8.1	8.1	7.9	8.1	8.1	8.1	8.1	8.4	8.5	8.8	8.2	9.4	9.6	9.1	9.2	9.3	7.3	8.0	8.2	8.4	7.3	7.6	7.6	7.0	8.6	8.3	8.0			
Camden	Ouachita	26	24.5	22.0	19.9	18.4	16.9	15.6	14.6	13.8	13.9	16.6	19.1	20.1	20.3	20.7	22.3	23.0	22.9	22.0	20.2	18.4	17.0	15.7	14.5	13.4	12.5	12.1	13.1	14.4			
Fulton	Red	25	15.0	13.5	11.7	10.1	9.0	8.5	8.2	8.0	8.3	8.6	8.8	9.0	9.4	9.9	10.0	10.2	10.4	10.3	9.9	9.5	9.0	8.5	8.0	7.8	7.5	7.6	7.9	8.7			
Helena	Mississippi	41	38.1	38.1	38.0	37.8	37.3	36.3	34.9	33.0	30.6	27.9	25.2	22.8	21.2	20.1	19.6	19.7	20.1	20.8	21.6	22.6	23.6	24.8	25.9	26.6	27.0	27.1	26.8	26.3			
Arkansas City	do	48	37.4	37.6	37.7	37.7	37.6	37.4	37.2	36.7	35.8	34.3	32.3	30.9	29.1	27.2	25.7	24.7	24.1	24.1	24.1	24.3	24.7	25.2	26.0	26.8	27.5	27.7	27.9	27.9			

Daily temperatures for February, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	63	59	68	58	72	52	55	60	50	47	50	46	49	65	60	41	46	62	63	70	75	61	59	66	33	37	45	58				56.1
	Minimum	29	32	38	33	33	35	38	39	47	39	36	34	34	45	45	40	35	26	27	34	36	45	31	31	33	25	18	19				34.2
Batesville §§	Maximum	53	65	63	54	70	42	49	62	45	42	42	51	55	66	58	44	39	59	59	59	77	60	56	65	39	43	40	56				54.0
	Minimum	21	32	31	28	22	31	27	35	44	38	29	25	26	45	38	39	34	24	34	28	24	46	21	22	39	23	15	17				29.9
Bee Branch	Maximum	56	55	64	63	67	67	48	59	59	46	45	50	51	64	65	55	40	61	61	63	74	74	53	59	63	33	38	56				56.8
	Minimum	36	38	35	27	28	34	34	45	42	36	33	39	43	45	42	38	33	25	42	34	34	48	25	35	27	21	16	20				34.1
Bentonville ***	Maximum	41	56	59	54	60	49	55	49	37	41	48	51	49	58	50	38	46	61	51	56	73	60	60	60	36	28	37	58				50.8
	Minimum	33	30	33	26	38	36	37	37	33	32	27	32	40	40	38	31	29	34	36	34	45	30	27	36	19	14	13	27				31.7
Blytheville	Maximum	57	55	59	50	65	54	54	55	55	40	42	53	57	67	60	50	41	57	57	55	75	64	53	65	59	32	34	51				54.1
	Minimum	32	31	36	31	33	34	32	46	38	34	29	30	48	47	47	39	34	30	35	35	35	44	29	36	31	22	17	24				34.2
Booneville	Maximum	59	55	66	61	68	61	45	54	54	46	50	48	54	68	62	54	49	68	64	67	79	74	62	61	64	36	42	63				58.4
	Minimum	39	34	28	29	31	33	39	44	40	38	37	34	43	44	42	39	33	25	34	31	39	47	27	47	25	21	16	20				34.2
Brinkley	Maximum	60	60	66	57	71	57	58	65	60	46	44	51	56	66	68	50	43	60	57	62	77	71	60	70	64	35	39	52				58.0
	Minimum	31	36	33	31	32	35	37	51	44	39	33	32	45	46	41	40	35	29	41	32	38	39	27	35	29	24	19	23				34.9
Calico Rock§§	Maximum	51	65	62	56	67	41	47	60	42	47	43	51	57	..	..	..	..	..	..	..	81	66	64	68	39	34	42	63				54.6
	Minimum	21	35	34	28	26	27	31	35	39	35	26	24	25	43	..	..	..	..	..	..	..	50	24	25	33	21	13	15				29.0
Camden§§	Maximum	..	..	..	..	..	..	64	69	58	47	51	50	52	70	58	51	43	60	64	70	82	72	59	73	41	40	44	60				58.1
	Minimum	31	33	31	32	31	31	40	43	53	42	38	39	40	46	43	40	38	28	28	31	31	38	33	34	39	26	21	20				35.0
Carthage §§	Maximum	62	55	67	57	71	50	61	65	53	46	49	48	52	67	58	46	40	61	63	68	76	66	59	67	39	37	42	58				56.5
	Minimum	28	32	31	29	28	28	38	40	52	39	37	36	36	45	43	38	36	27	28	30	32	48	28	25	38	25	19	19				33.4
Center Point	Maximum	67	60	71	59	72	57	53	59	59	48	54	48	48	62	61	60	46	62	64	71	75	70	60	66	68	40	45	58				59.4
	Minimum	32	32	37	29	30	38	39	49	45	35	36	34	42	43	42	37	33	25	35	33	39	49	32	43	26	26	13	20				34.8
Conway	Maximum	60	60	79	64	75	68	49	65	64	50	46	51	58	68	67	58	50	67	72	65	86	74	68	70	63	39	42	63				62.2
	Minimum	34	39	38	28	31	38	39	46	46	39	37	32	45	46	43	41	36	26	43	32	39	52	28	34	30	25	18	21				35.9
Corning	Maximum	58	57	60	49	66	56	52	59	56	41	38	53	53	64	62	52	40	59	58	58	77	71	53	63	61	31	37	53				54.9
	Minimum	34	30	35	29	32	31	33	46	36	34	28	28	44	47	47	37	32	30	32	32	30	42	25	33	30	21	16	24				32.8
Crossett§§	Maximum	65	68	71	59	72	59	68	74	63	58	51	54	55	73	64	53	45	60	65	71	77	69	70	72	48	40	43	59				61.6
	Minimum	32	33	33	32	33	37	41	46	57	48	43	37	40	47	45	42	37	27	34	32	34	49	33	37	44	27	22	24				37.4
Dardanelle	Maximum	59	58	69	67	70	62	47	57	56	49	49	49	54	69	62	57	46	68	65	63	79	72	60	63	65	39	44	64				59.4
	Minimum	36	36	33	30	34	36	39	45	46	39	35	32	44	41	44	40	40	26	42	34	35	49	28	41	28	24	14	21				35.4
Deer	Maximum	48	..	59	51	63	..	50	..	50	36	41	41	45	58	54	..	43	65	52	56	70	62	52	52	54	26	36	52				50.7
	Minimum	39	..	29	25	39	..	30	..	32	29	26	28	36	32	41	..	24	30	36	34	35	32	27	38	18	10	10	23				29.3
Dumas	Maximum	66	63	67	58	73	61	66	71	69	56	47	51	53	76	68	53	48	61	62	66	87	78	63	78	78	42	40	63				63.1
	Minimum	33	35	36	32	34	37	39	54	51	40	37	39	47	48	43	39	38	29	38	38	43	53	30	38	32	20	19	23				37.3
England	Maximum	63	63	66	60	72	60	58	64	59	48	50	48	52	68	59	50	42	62	59	64	78	68	58	68	65	35	41	59				58.5
	Minimum	34	38	36	32	35	37	38	49	46	39	36	33	44	48	44	40	36	28	39	35	42	48	28	38	28	24	22	24				36.5
Eureka Springs	Maximum	53	58	59	55	64	48	53	52	43	41	49	50	50	60	54	44	47	65	55	60	66	67	61	60	59	31	38	60				53.6
	Minimum	36	30	36	26	39	34	34	42	33	31	27	28	37	42	41	33	28	35	44	31	50	32	25	44	20	13	10	28				32.5
Fayetteville	Maximum	53	54	59	54	61	52	56	54	45	40	50	51	49	60	55	46	46	62	57	58	73	68	58	60	58	29	36	56				53.6
	Minimum	37	30	30	26	40	36	40	45	34	33	29	31	37	42	42	32	29	33	35	32	43	38	25	46	20	13	14	28				32.9
Fort Smith***	Maximum	53	49	65	57	65	47	47	53	46	47	50	48	54	64	57	44	48	66	58	64	77	64	61	64	36	35	41	63				54.4
	Minimum	40	33	35	35	36	36	38	46	39	39	38	35	43	42	43	37	34	31	41	37	44	39	30	36	24	19	19	25				35.5
Gravette	Maximum	55	57	58	56	57	56	54	53	41	42	50	52	50	58	51	44	46	60	57	58	76	58	60	60	58	28	41	60				53.4
	Minimum	31	29	33	23	36	37	35	39	31	31	26	30	39	39	35	30	29	29	38	29	32	36	25	45	18	12	11	26				30.5
Harrison	Maximum	55	60	59	51	62	47	48	56	49	43	43	46	54	64	57	48	43	64	54	55	75	68	59	62	57	30	38	62				53.9
	Minimum	40	31	35	28	35	33	34	46	35	33	28	29	36	43	43	33	30	30	37	35	34	38	23	41	22	15	13	23				32.2
Helena	Maximum	61	56	64	53	68	58	72	64	60	45	45	53	56	70	62	50	40	57	59	59	76	67	57	68	67	34	36	53				57.5
	Minimum	35	33	32	28	36	37	41	50	43	38	35	34	49	48	42	40	36	30	36	33	42	47	27	42	32	21	16	24				36.1
Highland	Maximum	62	70	75	63	75	64	69	58	60	51	51	48	49	66	63	65	65	62	66	72	82	70	60	68	45	45	41	58				61.5
	Minimum	35	35	41	34	33	39	38	48	36	35	36	34	42	46	41	39	38	29	43	41	46	36	32	32	30	24	19	28				36.1
Hope	Maximum	68	53	74	63	73	65	65	63	62	50	49	48	52	69	63	60	53	62	69	74	77	69	64	72	70	44	45	60				62.0
	Minimum	31	36	36	34	34	42	41	52	47	41	38	38	43	47	46	40	34	29	35	35	54	49	32	42	30	26	20	27				37.8
Hot Springs	Maximum	64	68	68	58	74	73	51	61	60	48	51	50	51	66	62	59	61	62	66	72	77	77	62	62	65	41	47	60				61.3
	Minimum	37	49	44	32	37	42	39	44	45	39	35	35	33	46	44	40	34	31	40	42	47	57	30	44	27	24	17	28				37.9
Jonesboro	Maximum	54	57	58	50	65	55	49	62	52	48	37	50	53	64	58	52	37	57	57	56	74	67	53	63	61	27	46	53				54.1
	Minimum	35	33	37	32	34	31	33	44	36	34	28	29	45	45	47	35	32	29	38	36	34	40	26	33	27	20	16	22				33.2
Lead Hill	Maximum	49	53	59	56	46	47	47	54	51	49	49	50	54	66	58	47	44	58	56	56	78	69	61	58	58	30	39	61				53.7
	Minimum	39	33	29	29	24	34	34	44	36	34	29	29	41	37	39	33	31	24	35	31	27	39	21	41	23	16	9	15				30.6
Little Rock.* **	Maximum	59	60	65	54	69	51	53	62	58	47	44	49	52	64	55	48	39	59	56	61	75	63	54	66	66	34	38	58				55.7
	Minimum	38	40	41	35	36	36	39	53	42	38	36	34	46	48	44	39	31	30	41	38	44	39	35	41	26	25	21	24				37.1
Lutherville	Maximum	50	51	65	57	65	58	48	55	54	45	51	49	52	64	59	51	41	61	59	64	76	69	51	57	61	37	38	52				55.0
	Minimum	39	34	36	28	33	35	37	40	41	37	32	31	42	42	41	37	31	26	42	34	38	43	27	39	25	20	15	21				33.8
Magnolia	Maximum	65	58	..	71	74	74	62	71	66	66	50	50	51	71	65	59	44	62	65	73	76	74	65	72	72	40	43	58				62.9
	Minimum	34	36	..	34	38	42	44	57	52	44	40	41	45	49	46	42	38	30	35	34	49	57	35	47	30	27	23	27				39.9
Mammoth Spring	Maximum	56	59	55	52	63	59	51	59	57	46	44	51	51	66	65	46	40	64	60	50	78	71	53	61	61	31	37	48				54.9
	Minimum	26	29	34	31	28	31	34	39	38	34	26	26	43	46	45	36	31	25	35	36	29	40	24	36	25	20	17	19				31.6
Marianna	Maximum	57	58	58	64	69	59	61	65	62	48	48	52	59	69	64	52	58	58	59	58	76	70	57	57	68	33	35	54				58.1
	Minimum	31	37	37	30	34	37	39	50	46	35	35	33	50	49	43	41	40	30	39	37	41	49	29	29	32	25	20	25				36.5
Marked Tree§§	Maximum	57	61	61	53	68	46	56	59	45	39	43	54	55	66	58	43	40	58	59	57	76	66	54	65	51	30	37	52				53.9
	Minimum	25	33	37	31	32	34	34	37	43	36	30	31	32	41	44	39	34	29	35	38	35	40	27	34	38	22	18	20				33.2
Marshall	Maximum	59	63	62	59	56	52	53	59	56	44	43	49	55	64	62	53	41	65	62	57	75	72	55	58	61	34	39	58				55.9
	Minimum	39	33	30	24	29	31	32	43	34	32	26	24	39	41	39	31	28	28	34	31	40	39	21	39	21	16	12	18				30.5
Mena	Maximum	60	63	65	61	70	54	48	59	55	45	51	44	47	66	59	47	48	64	59	68	74	65	60	65	62	34	44	60				57.0
	Minimum	37	34	38	30	39	35	38	48	39	34	37	32	41	44	43	36	31	29	44	35	46	42	30	43	24	19	16	26				35.4
Morrilton §§	Maximum	57	54	67	55	68	44	48	..	..	..	..	..	..	67	59	46	42	65	57	62	76	62	58	64	34	37	24	60				54.8
	Minimum	27	38	38	32	31	35	37	38	..	..	..	..	..	..	43	43	36	28	28	38	39	40	29	30	32	24	21	21				33.1
Mountain Home	Maximum	50	65	61	55	65	47	46	61	54	46	45	50	55	69	63	47	44	68	58	59	78	70	60	60	62	33	40	63				56.2
	Minimum	40	33	37	28	30	32	31	42	37	34	27	26	42	40	42	34	30	27	40	34	34	37	22	36	22	19	12	19				31.7
Mount Ida	Maximum	64	65	68	62	74	63	51	63	60	47	51	47	50	66	61	54	46	65	62	70	77	71	59	64	64	38	45	60				59.5
	Minimum	26	35	27	23	24	26	38	47	42	35	36	27	41	41	39	38	34	20	33	25	32	46	42	39	26	23	10	14				31.8
Newport	Maximum	52	54	57	56	63	62	50	61	61	42	40	49	53	61	61	54	42	57	57	57	75	71	55	65	49	33	35	50				54.4
	Minimum	35	37	35	22	34	35	36	45	42	38	31	31	45	47	43	41	35	31	41	38	39	45	27	40	31	24	19	24				35.4
Okay	Maximum	66	61	72	63	74	58	55	61	61	58	50	50	50	69	62	62	45	63	67	72	78	76	64	70	69	46	50	61				61.9
	Minimum	27	32	38	39	40	26	39	49	47	39	37	36	42	44	43	40	29	25	30	30	36	55	30	42	30	22	14	19				34.6
Ozark§§	Maximum	61	50	66	55	69	47	49	55	50	47	51	50	53	65	60	42	59	65	61	65	80	55	60	60	55	38	42	60				56.1
	Minimum	30	35	32	29	30	29	32	40	44	40	35	32	32	41	40	40	34	25	26	31	31	37	27	24	28	20	15	16				31.2
Pine Bluff	Maximum	63	62	68	57	74	57	59	68	60	49	48	47	52	69	59	50	43	61	63	65	78	68	59	69	66	39	41	60				59.1
	Minimum	34	37	35	32	34	39	40	53	48	41	37	37	45	48	45	42	36	31	39	39	43	53	32	40	31	26	23	24				38.0
Pocahontas	Maximum	51	60	60	56	68	59	50	59	59	42	41	53	54	65	63	56	41	61	59	59	78	72	53	64	63	35	39	53				56.2
	Minimum	34	30	35	30	31	30	32	42	38	35	27	27	43	45	44	35	32	27	39	35	26	42	24	32	28	20	13	21				32.0
Portland	Maximum	63	65	68	62	71	63	70	74	67	56	49	55	53	73	68	54	45	62	67	65	77	70	65	72	67	37	40	54				61.9
	Minimum	34	39	38	33	31	34	41	56	55	42	37	41	47	47	45	41	34	27	32	40	42	55	32	39	35	26	21	22				38.1
Prescott	Maximum	65	62	71	69	74	70	56	64	62	52	48	48	51	69	67	59	43	63	66	73	78	76	62	70	68	41	44	59				61.8
	Minimum	33	34	37	34	33	39	40	52	48	40	37	37	43	48	45	40	37	27	38	35	44	39	32	42	29	25	19	23				36.8
Rison	Maximum	65	61	67	66	65	73	66	66	73	64	50	52	52	69	69	55	44	60	63	69	77	75	66	69	67	39	43	59				62.3
	Minimum	30	37	37	33	38	36	48	49	49	41	37	38	38	48	46	40	37	29	39	31	46	57	31	42	31	24	20	25				37.8
Searcy	Maximum	59	56	65	57	69	59	47	64	61	45	44	51	54	64	60	54	40	61	57	60	74	69	54	65	65	35	38	55				56.5
	Minimum	37	41	36	30	33	36	36	44	42	38	33	31	45	47	45	39	34	29	42	37	41	46	28	38	28	23	17	23				35.7
Stuttgart	Maximum	62	59	66	60	69	63	59	66	61	49	45	48	53	66	64	51	43	58	58	65	76	66	56	67	63	35	37	56				57.9
	Minimum	34	36	38	31	33	38	39	53	49	40	36	34	46	47	44	40	37	29	41	38	40	54	29	32	31	25	21	23				37.1
Sunset	Maximum	47	60	56	55	63	51	50	49	46	35	50	51	44	60	56	44	41	62	51	60	70	63	53	54	55	26	38	53				51.5
	Minimum	38	27	40	25	40	32	37	45	31	30	30	31	42	40	41	29	25	32	37	35	47	34	30	42	17	11	9	24				32.2
Texarkana	Maximum	66	57	75	65	75	70	60	59	62	54	47	47	51	70	62	53	47	63	68	74	77	68	63	74	68	43	47	61				61.6
	Minimum	32	36	34	32	35	36	40	50	47	40	37	40	41	45	40	38	32	23	37	33	43	52	32	45	31	24	15	26				36.3
Thornburg	Maximum	58	59	66	60	73	49	55	62	57	49	51	47	63	67	60	47	42	68	59	66	76	70	58	64	64	36	41	59				58.1
	Minimum	29	36	31	23	31	35	40	35	41	37	34	27	41	41	35	37	32	21	31	39	31	45	21	41	26	21	8	14				31.5
Warren	Maximum	62	69	66	68	72	71	72	69	..	70	62	54	72	67	63	65	60	64	69	77	74	70	74	69	68	47	60	65				66.6
	Minimum	39	41	38	36	35	39	41	34	..	44	41	43	47	44	40	42	30	42	38	44	40	35	34	35	25	22	22	44				37.6
Wilson	Maximum	59	53	60	58	67	58	57	57	57	42	43	52	56	68	67	42	57	56	56	73	73	52	64	65	51	34	51	57				56.6
	Minimum	30	30	33	27	32	34	31	45	40	34	29	29	47	45	38	33	29	34	31	38	42	27	37	51	20	14	23	35				33.5
Wynne	Maximum	56	58	62	52	67	50	55	62	59	44	44	52	55	67	68	48	56	58	57	58	76	73	..	..	53	34	36	49				55.7
	Minimum	31	29	32	25	33	33	35	46	41	35	28	28	39	45	42	37	36	28	36	32	38	36	..	..	30	21	16	26				33.0

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 3-27-35-1050

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XL LITTLE ROCK, ARK., MARCH, 1935 No. 3

GENERAL SUMMARY

This was the warmest March since 1921 and the wettest since 1922, though precipitation in the southern third of the State was generally below normal. Temperatures were considerably above normal from the 2d to the 6th and from the 19th to the 26th with the warmest weather occurring generally during the latter period. Freezing temperatures occurred in nearly all sections the first half of the month and at a few stations in the northwestern portion on the 28th and 29th. The mean temperature for the State, based on the records of 61 stations, was 58.7° which is 6.2° above the mean for the past 45 years, all stations having positive departures. Monthly means ranged from 52.4° at Sunset to 64.9° at Warren. The highest temperature reported was 90° at Rison on the 25th and at Warren on the 27th; the lowest, 18° at Sunset on the 7th.

Rainfall was heavy to excessive in many sections on the 4th or 5th and in the northern half of the State from the 10th to the 12th and from the 21st to 24th, while it was heaviest in eastern and southern sections the 30th and 31st. The average precipitation for the State for the 93 stations reporting was 8.29 inches which is 3.50 inches above the mean for the past 45 years. Monthly totals ranged from 1.85 inches at Magnolia to 16.35 inches at Lutherville. Six stations in the northern portion had monthly amounts exceeding 14.00 inches and a number more than 10.00 inches, while those in the southern third of the State received less than the normal amount. The greatest amount measured in any 24-hour period was 6.00 inches at Dardanelle on the 22d.

The weather was generally unfavorable for farm work in northern and west-central portions during the month, mostly favorable in the southern portion. Considerable corn was planted in southeastern counties about the close of the month and a small amount of cotton. A large portion of the commercial potato crop could not be planted until too late for the early market. The weather was favorable for growth of all vegetation, very little frost damage occurring during the month. More than 200,000 acres of land were inundated in the White, Black and St. Francis river basins following the heavy rains from the 10th to the 12th, this being the worst flood since 1927. Losses from floods were as follows: On the Arkansas and Petit Jean rivers, $39,400; on the Black and White rivers, $246,100; the St. Francis river, $676,100. T.A.M.

Tornadoes

Crossett (9 miles east of), during afternoon of 4th, from sw. path narrow, $500 damage to Crossett Camp buildings. Russellville (7 miles northeast of), 10th, 8 p.m., from sw, 2000 feet wide, 4 people injured, $20,000 damage to property and $1,000 damage to fruit trees. Havana, 10th, 11 p.m. from nw, 600 feet wide, property damage $1,000.

Moderate Hail, Helena, 28th. no damage.

Heavy Hail, Marianna, 27th, no report on damage.

Correction: February, 1935

Paragould, prevailing wind direction should be se.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	1	.	.	.	1	.	1	.	.	.	.	1	.	.	1	.	2	1	.	.	.	.	.	.	.	1	2
Light Hail	.	.	.		.	6	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	1	1	.	.	.	.	.	1	.
Moderate Hail	.	.	.		.	.	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.		.
Sleet	.	.	.	.	.	.	.		.	.	.	8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	.	.		27	3	9	.	.	15	21	30	3	.	.	.	4	1	1	.	14	28	20	9	21	8	3	5	.	.	20	17

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29 93	30.38	17	29.50	4	9.0	30	sw	23	..	..	..	52
Fort Smith	29.96	30.43	1	29.54	26	9.8	32	w	6	74	55	59	39
Little Rock	30.01	30.47	17	29.59	11	10.6	30	sw	20	78	57	54	54
Memphis	30.02	30.45	17	29.59	25	9.1	28	n	27	79	68	68	60

COMPARATIVE DATA FOR MARCH

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	−5.8	79	10	5.10	+0.31	8 82	1.51	......	10	11	9	11
1892	47.9	−4.6	84	9	3.44	−1.35	6 74	1.20	3.8	7	14	8	9
1893	50.1	−2.4	82	5	3.55	−1.24	5.21	2.03	T.	8	16	6	9
1894	54.6	+2.1	88	8	9.84	+5.05	18.20	4.38	0.8	9	14	7	10
1895	51.8	−0.7	91	10	5.39	+0.60	8.51	1.93	T.	10	13	7	11
1896	48.7	−3.8	85	12	5.28	+0.49	7.88	2.06	1 3	8	10	7	14
1897	55.9	+3.4	88	13	9.76	+4.97	17.04	4.93	T.	15	10	7	14
1898	4.5	+2.0	88	18	5.96	+1.17	17.56	1.20	0.1	9	10	9	12
1899	50.6	−1.9	87	1	2.97	−1.82	8.40	1.09	0.4	7	12	9	10
1900	51.2	−1.3	90	7	2.50	−2.29	5.55	0.76	0.3	7	15	7	9
1901	51.5	−1.0	86	4	4.67	−0.12	7.32	2.45	T.	6	14	8	9
1902	52.6	+0 1	89	14	5.34	+0.55	9.37	2.35	T.	7	12	10	9
1903	54.8	+2.3	85	11	5.56	+0.77	8.37	3.29	0.6	8	10	9	12
1904	55.3	+2.8	90	12	5.64	+0.85	8.47	1.88	T.	8	11	11	9
1905	57.1	+4.6	92	26	5.31	+0.52	10.80	1.94	T.	9	10	10	11
1906	45.2	−7.3	83	10	5.69	+0.90	9.27	3 33	0.4	11	8	6	17
1907	61.9	+9.4	96	25	3.22	−1.57	9.02	0.90	0.0	6	14	8	9
1908	59.5	+7.0	93	21	3.79	−1.00	7.67	1.82	0.1	8	11	9	11
1909	52.7	+0.2	84	16	3.71	−1.08	6.28	1.65	T.	8	13	8	10
1910	60.7	+8.2	92	22	1.39	−3.40	3.05	0.30	T.	3	20	7	4
1911	56.6	+4.1	94	15	2.17	−2.62	4.53	0.75	0.0	6	16	9	6
1912	45.8	−6.7	86	10	7.86	+3.07	3.45	0.70	0.2	12	7	7	17
1913	49.7	−2.8	88	8	4.74	−0.05	3 92	0.58	0.8	7	14	9	8
1914	50.0	−2.5	86	4	5.13	+0.34	13.08	2.01	1.9	9	12	8	11
1915	42.5	−10.0	73	14	3.54	−1.25	5.70	1.73	0.7	7	9	7	15
1916	54.5	+2.0	91	11	1.93	−2.86	4.24	0.68	T.	5	16	6	9
1917	53.0	+0.5	87	9	5.32	+0.53	12.18	0.56	1.0	11	14	5	12
1918	57.9	+5.4	96	16	1.31	−3.48	5.64	0 24	0.0	4	11	8	12
1919	53.2	+0.7	86	11	5.47	+0.68	11.66	0.98	0.5	6	17	5	9
1920	51.8	−0.7	88	2	5.31	+0.52	8.57	1.93	0.3	8	14	5	12
1921	60.8	+8.3	92	18	6.55	+1.76	11.01	2.98	T.	9	11	8	12
1922	51.7	−0.8	83	7	8.58	+3.79	14.59	3.24	0.3	11	12	6	13
1923	49.6	−2.9	88	2	5.04	+0.25	10.55	2 12	T.	8	15	5	11
1924	46.6	−5.9	84	5	3.27	−1.52	6.03	1.25	6.8	8	13	6	12
1925	55.9	+3.4	89	7	1.69	−3.10	5.68	0.04	T.	4	18	6	7
1926	48.5	−4.0	86	11	5.57	+0.78	9.23	2.04	0.4	9	13	6	12
1927	53.5	+1.0	87	5	7.24	+2.45	15.70	2.65	0.6	12	12	7	12
1928	52.7	+0.2	92	20	2.53	−2.26	6.91	0.73	0.1	6	14	7	10
1929	55.7	+3.2	98	19	3.77	−1.02	6.27	1.35	T.	10	12	7	12
1930	50.4	− 2.1	83	15	2.21	−2.58	7.55	0.54	T.	6	16	6	9
1931	47.5	−5.0	85	16	4.21	−0.58	6.83	2.73	0 4	8	13	5	13
1932	48.2	−4 3	88	2	4.48	−0.31	7.33	1.63	0.7	9	13	7	11
1933	52.6	+0.1	91	17	4.87	+0 08	8.37	1.90	T.	9	13	5	13
1934	49.6	−2.9	85	4	6.53	+1.74	10.29	2.10	1.0	9	15	6	10
1935	58.7	+6.2	90	18	8.29	+3.50	16.35	1.85	T.	10	10	8	13
Period	52.5	....	98	1	4.79	......	18.20	0 04	0.5	8	13	7	11

Daily River Stages for March, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or Van Buren	Arkansas	22	5.7	5.7	5.7	5.7	8.8	9.3	9.8	10.8	10.0	8.8	11.3	17.8	23.4	25.4	23.5	19.0	15.7	12.8	10.7	10.0	9.4	12.1	14.6	17.7	23.0	24.1	22.7	18.5	15.0	11.7	10.8
Ozark	do	22	1.3	1.3	1.3	1.3	6.5	6.3	5.7	6.2	6.6	6.2	10.7	12.5	17.4	20.0	22.1	16.8	12.6	9.7	7.7	6.8	6.3	11.8	12.6	13.6	17.7	19.2	19.2	16.8	12.8	9.7	8.6
Dardanelle	do	22	4.5	4.5	4.5	4.5	8.7	10.4	9.9	8.8	9.1	10.1	16.3	18.5	19.1	21.5	22.4	20.8	17.0	13.9	11.5	10.1	9.4	14.6	18.5	16.2	18.6	21.3	21.8	20.6	17.6	13.9	12.2
Morrilton	do	20	1.3	1.3	1.2	1.2	3.8	7.9	8.4	7.3	7.2	8.0	11.9	17.8	17 4	20 2	21.6	20.8	18.0	14.8	12.2	10.2	9.2	12.9	18.6	17.3	18.2	21.3	22.3	21.7	19.2	15.5	12.6
Little Rock	do	23	1.5	1.5	1.4	1.3	2.2	6.6	9.6	9.4	8.4	8.2	9.2	16.8	17.4	18.9	20.2	20.3	18.9	16.7	14.2	11.9	10 1	10.5	16.5	18.2	17.6	19.6	21.0	21.1	19.9	17.9	15.1
Pine Bluff	do	25	5.9	5.8	5 7	5.5	5.8	6.9	11.8	13.5	13.3	12.6	12.6	17.1	20.0	21.1	22.8	23.7	23.8	21.9	19.8	17.9	16.1	15.0	17.0	21.3	21.5	22.0	23.4	24.6	24.5	23.0	21.8
Danville	Petit Jean	20	6.2	6 1	5.9	5.6	20.4	22.8	22.3	20.6	17.4	18.0	21.4	24.8	25.7	23.7	21.8	19.9	16.0	12.4	9.6	8.6	10.6	25.7	26.7	24.7	22.9	21.4	19.5	16.0	12.0	9.3	10.2

Climatological Data for March, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	40	58.8	+4.2	88	21	24	1	41	5.13	+0.39	1.57	T.	12	5	15	11	sw.	J. W. Campbell
Arkadelphia	Clark	250	40	....	....	....	....	....	....	....	4.33	-0.47	1.42	0.0	9	8	7	16	sw.	W. K. Bown
Arkansas City	Desha	145	51	....	....	....	....	....	....	....	4.58	-0.84	1.45	T.	9	11	4	16	....	Herbert Neff
Arlberg	Stone	700	13	....	....	....	....	....	....	....		....	4.55	0.0	..	..	..	..	....	J. D. Reeves
Batesville	Independence	277	36	55.4^a	+4.6	83^a	25	26	1	46^a	10.48	+6.29	2.03	0.0	12	5	4	22	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	43	57.9	+6.1	82	20	29	7†	49	10.74	+6.06	2.32	0.0	11	8	9	14	s.	J. E. Scanlan
Bentonville	Benton	1303	30	54.1	+5.7	77	23	20	7	41	10.95	+7.38	3.11	0.0	14	7	7	17	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	5	....	....	....	....	....	....	....	8.60	....	1.75	0.0	10	7	11	13	....	C. J. Brooks
Black Rock	Lawrence	259	34	....	....	....	....	....	....	....	12.25	+8.10	4.28	0.0	12	13	1	17	s.	Vernon C. Howe
Blytheville	Mississippi	252	10	57.5	+6.0	83	23†	31	8†	33	8.76	+3.42	2.10	0.0	10	14	6	11	s.	Samuel Norris
Booneville	Logan	465	21	59.6	+5.9	85	23	28	7	43	11.87	+8.61	3.74	0.0	11	8	9	14	s.	F. H. Randolph
Brinkley	Monroe	205	48	61.2^b	+7.8	86^a	24	33^a	8	41^a	7.35	+1.71	1.63	0.0	9	16	6	9	se.	R. J Torry
Calico Rock	Izard	361	31	56.6	+8.3	84	20†	21	1	39	11.73	+8.34	3.42	0.0	10	10	8	13	e.	E. R Wiseman
Camden	Ouachita	158	50	59.6^a	+4.2	85^a	27	21	1	45^a	2.38	-2.69	1.01	0.0	8	8	8	15	s.	J M. Knight
Carthage	Dallas	297	30	59.2^a	....	86^a	22†	20	1	41^a	2.73	-2.33	1.07	0.0	5	6	22	3	s.	P. K. Wylie
Center Point	Howard	470	36	60.4	+4.2	85	24	28	7	43	4.39	-0.28	2.17	0.0	7	11	7	13	s.	John C. Floyd
Clarendon	Monroe	172	31	....	....	....	....	....	....	....	4.96	-0.12	1.72	0.0	11	9	2	20	s.	J. W. Bishop
Clinton	Van Buren	516	14	....	....	....	....	....	....	....	14.25	+9.30	3.27	0.0	10	5	15	11	sw.	A L. Stephens
Conway	Faulkner	309	52	61.0	+7.2	87	20†	33	7†	41	9.23	+4.71	1.91	0.0	10	13	6	12	s.	E. E Cordrey
Corning	Clay	293	42	57.4	+6.4	84	25	26	12	38	13.98	+9.44	4.50	0.0	11	15	0	16	s.	Winfred D. Polk
Cotter	Baxter	408	8	....	....	....	....	....	....	....	10.56	....	1.83	0.0	11	9	9	13	....	O. B. McSpadden
Crosset	Ashley	175	23	62.6	+7.7	88	20†	31	1	42	5.60	+0.55	1.92	T.	8	12	6	13	s.	G. A Gifford
Danville	Yell	327	19	....	....	....	....	....	....	....	13.56	+9.78	5.35	0.0	12	5	10	16	....	J. M. Patterson
Dardanelle	Yell	330	49	60.0	+7.4	86	23	31	7	41	14.96	+10.70	6.00	0.0	12	3	15	13	s.	Geo. N. Goodier
Deer	Newton	2200	2	54.0^f	....	75^f	23	20^f	7	35^f	10.35	....	2.03	0.0	9	9^d	0^d	18^d	s.	Mrs. J. M. Essex
Dumas	Desha	162	30	62.5^e	+6.9	88^j	22	33	12	31^j	4.99	-1.15	1.53	T.	10	9	12	10	s.	Ben Johnson
Dutton	Madison	1590	33	62.5	+6.3	77	22†	19	7	41	12.78	+8.85	3.04	0.0	13	8	13	10	s.	J. M. Ricketts
El Dorado	Union	270	35	....	....	....	....	....	....	....	4.08	-0.97	1.93	T.	6	16	9	6	sw.	T. B Barnes
England	Lonoke	229	28	59.6^d	+6.0	87^d	25	35^d	7†	37^d	4.98	-0.17	1.40	0.0	8	12^d	8^d	7^d	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	55.5	+5.1	78	14	20	7	35	14.82	+11.07	4.13	0.0	13	8	9	14	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	55.6	+6.0	75	14†	21	7	33	9.91	+6.30	2.06	0.0	13	8	11	12	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	58.4	+5.8	82	23	27	7	40	8.98	+5.97	2.78	0.0	11	7	11	13	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	11	....	....	....	....	....	....	....	14.66	+10.17	3.54	0.0	14	9	7	15	sw.	R. J. McCuiston
Fulton	Hempstead	260	50	....	....	....	....	....	....	....	3.18	-1.30	1.35	0.0	8	9	8	14	....	T. J. Logan
Georgetown	White	200	23	....	....	....	....	....	....	....	7.44	+2.41	2.02	0.0	10	10	7	14	....	Mrs. W R. Owens
Grannis	Polk	900	16	57.6	+5.9	85	25	26	7	45	7.41	+3.25	1.94	0.0	12	13	5	13	s.	W. E. McVay
Gravette	Benton	1250	38	54.6	+8.8	78	14†	19	7	40	11.66	+7.96	3.54	0.0	9	19	5	7	s.	Max W. Schmidt
Harrison	Boone	1052	35	56.0	+7.3	82	23	25	7	41	9.21	+6.12	3.11	0.0	12	16	5	10	sw.	Louis R. Keck
Helena	Phillips	250	63	60.6	+6.8	84	25	34	8	34	6.01	-0.16	1.77	T.	9	8	5	18	sw.	James A. Burnett
Higden	Cleburne	445	16	....	....	....	....	....	....	....	11.30	+6.27	3.30	0.0	7	13	5	13	n.	Trumon Brown
Highland	Pike	600	16	60.5	....	85	27	30	7	38	3.80	-0.26	1.85	0.0	7	4	20	7	w.	J. O. Cooley
Hope	Hempstead	377	65	63.4	+6.4	87	22	33	7	37	3.58	-1.49	1.45	0.0	8	16	9	6	....	N. P. O'Neal
Hot Springs	Garland	600	44	61.2	+7.4	86	22†	32	7	40	5.83	+0.90	1.55	0.0	11	9	10	12	s.	National Park Service
Index ‡‡	Little River	275	10	....	....	....	....	....	....	....	3.39	-0.91	1.24	0.0	8	11	2	18	....	H. C. Sanderson
Jessieville	Garland	750	9	....	....	....	....	....	....	....	5.42	....	1.50	0.0	8	5	10	16	sw.	U. S Forest Service
Jonesboro	Craighead	345	40	57.2	+4.8	83	25	29	8	35	8.71	+4.04	1.56	0.0	10	16	7	8	s.	Benedictine Sisters
Lead Hill	Boone	650	29	55.2	+6.0	82	23	26	7	44	9.05	+4.96	2.45	0.0	9	14	4	13	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	59.6	+6.6	85	25	34	7	32	6.09	+1.47	1.57	0.0	11	6	7	18	s.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	36	57.4	+5.6	82	24	27	7	38	16.35	+12.48	4.74	0.0	12	8	7	16	sw.	H. G. Lenhardt
Madison	St. Francis	209	5	....	....	....	....	....	....	....	7.50	....	2.00	0.0	8	7	0	24	....	J. W. Eppes
Magnolia	Columbia	315	19	64.7	+7.7	88	23	34	12	40	1.85	-3.01	0.80	0.0	7	5	18	8	s.	State Agri. School
Malvern	Hot Springs	277	49	....	....	....	....	....	....	....	7.03	+1.87	2.00	0.0	8	12^c	3^c	11^c	sw.	W J. Keith
Mammoth Spring	Fulton	600	31	56.3	+6.3	83	23	28	1	39	13.51	+10.18	2.85	0.0	10	9	10	12	se.	S. F. Whittaker
Marianna	Lee	235	24	61.0	+7.0	84	24†	32	7	41	5.16	+0.13	1.73	0.0	9	15	10	6	s.	C. N Houck
Marked Tree	Poinsett	229	31	56.9	+5.8	85	23	28	1	36	8.67	+3.79	1.77	0.0	10	4	22	5	n.	Charles Walton
Marshall	Searcy	1070	21	55.9	+4.1	81	23	24	7	43	11.26	+7.31	4.35	0.0	10	10	8	13	s.	A. J. Parks
Mena	Polk	1207	47	58.2	+5.8	82	23†	27	7	35	6.77	+2.12	1.24	0.0	12	7	7	17	sw.	E. W. St. John
Morrilton	Conway	347	16	56.6	+6.0	83	20	23	1	37	10.04	+6.12	3.85	0.0	9	7	13	11	se.	Hugh B. Wear
Mountain Home	Baxter	800	23	55.8	+5.1	83	23	27	7†	40	10.27	+6.55	2.33	0.0	12	10	0	21	sw.	B. S. Halbert
Mount Ida	Montgomery	650	36	59.4	+6.8	85	25	28	7	47	8.09	+3.69	2.85	0.0	10	9	5	17	w.	G. A. Whittington
Newport	Jackson	231	52	58.4	+5.8	83	20†	32	8	36	9.77	+5.03	2.76	0.0	11	8	9	14	n.	J. D. Henderson
Norman	Montgomery	750	7	....	....	....	....	....	....	....	7.95	....	1.44	0.0	13	7	9	15	....	U. S. Forest Service
Oden	Montgomery	800	9	....	....	....	....	....	....	....	7.69	....	1.69	0.0	13	8	9	14	sw.	U. S. Forest Service
Okay	Howard	288	7	64.2	....	87	25†	33	8	42	2.02	....	0.85	0.0	6	11	12	8	s.	Charles R. Jackson
Osceola	Mississippi	240	39	59.2	+5.7	84	24	32	1†	33	6.86	+1.77	1.35	0.0	9	9	7	15	s.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	56.7^a	+3.9	85^a	24	20	1	45^a	11.66	+7.76	3.05	0.0	12	12	3	16	se.	Orkney O. Milton
Paragould	Greene	301	12	....	....	....	....	....	....	....	9.80	+4.02	2.08	0.0	11	15	7	9	se.	W. R. Heagler
Parkin	Cross	222	5	....	....	....	....	....	....	....	8.39	....	1.75	0.0	8	8	4	19	....	Carroll King
Patterson	Woodruff	196	19	....	....	....	....	....	....	....	7.38	+1.90	1.82	0.0	12	9	12	10	sw.	W. E. Baker
Piggott	Clay	307	11	....	....	....	....	....	....	....	14.42	+9.04	5.80	0.0	14	11	7	13	s.	V. C. Wright
Pine Bluff	Jefferson	215	48	62.6	+7.8	88	27	37	7	36	4.28	-1.03	1.18	0.0	9	9	11	11	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	42	57.0	+5.8	84	23†	29	8	39	13.87	+9.29	5.50	0.0	11	9	5	17	sw.	Benedictine Sisters
Portland	Ashley	122	29	63.8	+7.0	89	25	32	12	42	3.41	-1.82	1.45	0.0	6	10	10	11	sw.	W E. Edmiston
Prescott	Nevada	329	47	63.2	+7.6	88	22†	33	7†	40	3.60	-0.86	1.25	0.0	9	7	11	13	s.	Craig Williams
Quitman	Cleburne	480	1	....	....	....	....	....	....	....	9.51	....	1.70	0.0	9	9	8	14	s.	G. M. Hooten
Rison	Cleveland	243	35	63.3	+8.2	90	25	36	7†	37		....	...	0.0	..	13	11	7	s.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	45	54.9	+5.7	79	23	20	7	41	12.31	+8.93	4.40	0.0	11	10	5	16	s	Carl A. Starck
Rosebud ‡‡	Faulkner	....	1	....	....	....	....	....	....	....	11.59	....	4.20	0.0	9	9	13	9	s.	Miss Clarice Maddox
St. Francis	Clay	290	8	....	....	....	....	....	....	....	14.07	....	5.70	0.0	10	9	9	13	....	S. T. Rooney
Searcy	White	236	25	59.2	+6.8	84	20†	32	7†	37	9.44	+5.16	2.18	0.0	11	15	4	14	sw.	Arthur D. Smith
Springbank	Miller	240	26	....	....	....	....	....	....	....	2.23	-2.40	1.21	0.0	7	11	5	15	....	Henry Field
Story	Montgomery	700	11	....	....	....	....	....	....	....	8.18	+3.90	2.42	0.0	10	11	6	14	sw.	S. C Story
Stuttgart	Arkansas	209	48	60.8	+7.0	86	23	35	1†	36	5.09	+0.43	1.86	0.0	8	13	7	11	s.	Mrs. Kress Swim
Subiaco	Logan	1050	38	59.2	+5.9	83	24	28	7	44	11.43	+7.71	3.17	0.0	11	13	6	12	s.	New Subiaco Abbey
Sunset	Washington	2250	4	52.4^c	....	75^c	25	18^c	7	30^c	9.29	....	2.11	0.0	12	8	15	8	sw.	Walter James
Texarkana	Miller	332	50	61.2	+4.7	87	25	30	7	41	3.68	-0.55	1.80	0.0	6	14	5	12	s.	H. S. Brashear
Thornburg	Perry	650	15	57.4	+5.9	85	27	29	1†	45	6.94	+2.71	1.50	0.0	9	13	7	11	s.	Edward E. Holmes
Waldron	Scott	675	16	....	....	....	....	....	....	....	10.41	+6.68	3.37	0.0	12	6	9	16	sw.	Dr. Cheves Bevill
Warren	Bradley	206	41	64.9	+8.8	90	27	34	12	38	4.65	-0.75	1.60	T.	9	12	10	9	sw.	Miss Sue Hoyle
Waters	Montgomery	800	11	....	....	....	....	....	....	....	8.19	+3.44	2.21	0.0	11	3	12	16	sw.	J R. Huddleston
Whitecliffs	Little River	290	29	....	....	....	....	....	....	....	4.13	-0.10	1.59	0.0	7	8	3	20	....	William W. Davis
Wilson	Mississippi	237	10	58.8	+6.7	82	20†	30	8	37	7.95	+2.54	1.87	0.0	11	18	2	11	s.	D O. Anderson
Wooley Hollow ‡‡	Faulkner	....	1	....	....	....	....	....	....	....	10.47	....	4.40	0.0	11	11	10	10	s.	Ross Shumate
Wynne	Cross	250	27	58.4^c	+6.7	84^c	25	23^c	1	37^c	7.53	+2.35	2.38	0.0	8	5^c	10^c	13^c	s.	R. T. Cobb
Yancopin	Desha	167	11	....	....	....	....	....	....	....	5.36	-0.23	1.7)	T.	11	6	7	18	....	W. E. Barton
State Means				58.7	+6.2	90	25†	18	7	49	8.29	+3.50	6.00	T.	10	10	8	13	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T less than 0.01 inch rain or melted snow. ††Not used in means and summaries Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for March, 1935

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				.06	1.57	.10	.07			.77		1.05				.03		.13	.13			.18								.59	.45	5.13
Arkadelphia	Ouachita					1.42	.24				.86	T.	.83					.02		.01			.07								.30	.58	4.33
Arkansas City	Mississippi					1.45	.45				.22	T	1.30	.04				.24	T.									.70	T.		.14	.04	4.58
Arlberg	White				1.56						1.80	4.55										4.08			.46								
Batesville	White					.73		T.			1.15	1.93	1.40					.56	T.			.88	2.03	.01	.62	.19					.13	.85	10.48
Bee Branch	Arkansas				2.32		.05	.06			1.60	2.25	.15				T.		T.			1.28	2.00		.15						.40	.48	10.74
Bentonville ***	Arkansas				1.25		.10			.06	3.39	2.00					.05		T.		.01	.15	.08	2.04	1.07	.01					.72	.02	10.95
Big Lake Outlet	St. Francis					1.75					1.30	.60	1.34					.49		T.			1.44	T.	.14	.06					.18	1.30	8.60
Black Rock	White					.80					1.74	4.28	.89					.12			T.	.62	1.59	.06	.33	.21	T.				.19	1.42	12.25
Blytheville	St Francis					2.10					1.52	.55	1.20					.58					1.11		.03	.16					.39	1.12	8.76
Booneville	Arkansas				1.53		.02				1.30	3.74					T.		.04		.05	3.39	.75		.32						.08	.65	11.87
Brinkley	White					1.63	.03				1.10		1.50					.28		.09			.88								.64	1.20	7.35
Calico Rock	White					1.33	T.	T.			1.71	3.42	1.05					T.				.23	1.60		1.01	.11					.17	1.10	11.73
Camden	Ouachita					1.01	.26				.19		.10					.01										.29			.10	.42	2.38
Carthage	Ouachita					1.07	.15				.37		.55																			.59	2.73
Center Point	Red				2.17					.15	.35	1.05					.02					T.									.33	.32	4.39
Clarendon	White					1.72	.07				.55		1.02					.26		.05			.41	.10					.04		.22	.52	4.96
Clinton	White				1.78		.10			1.95	3.27	1.30							T.			2.67	1.50		.49		T.				.50	.69	14.25
Conway	Arkansas				1.65						1.13	1.91					.06		.04			1.84	1.73		.05						.43	.39	9.23
Corning	White					1.39					2.00	4.50	1.75					.10			.01	.30	.95		.25	.90						1.83	13.98
Cotter	White					1.14	.55	.12			1.72	1.48	1.12					.08					1.04		1.83	.43						1.05	10.56
Crossett	Ouachita					1.85				.03	.42		1.92	T.				.15		T.								.92			.10	.21	5.60
Danville	Arkansas					2.40		.15			1.58	.40	1.30					.04	.05			1.25	5.35		.12						.15	.77	13.56
Dardanelle	Arkansas				.04	2.06	.05	.02			2.00	1.03	.95					T.	.07			1.35	6.00		.19							1.20	14.96
Deer	White				2.00						1.80	1.55									.12	.50	2.03		.60		.40					1.35	10.35
Dumas	Mississippi				1.53		.79			.30		.92	.36					.30									.12	.15			.20	.32	4.99
Dutton	White				2.35		.05				3.04	1.96					.11		.03		T.	.42	2.18	.20	.70	.57	T.				.04	1.13	12.78
El Dorado	Ouachita					1.93				T.			1.15	T.				.05	T.									.50			.15	.30	4.08
England	Arkansas				1.40					.07	.76	1.02	.07				.12						.86								.68		4.98
Eureka Springs	White				1.82		.19				4.10	2.68					.11				.04	.12	.22	.37	4.13	.14					.16	.74	14.82
Fayetteville	White				1.93		.11				1.96	2.06					.07		T.		.08	.24	.27	.44	1.39	.07	T.				.17	1.12	9.91
Fort Smith ***	Arkansas				1.56					.33	2.07	.61					T.		T.		.06	1.66	1.12	.81	.20		T.				.54	.02	8.98
Freeman Sprgs	Arkansas				.03	1.71		.04			1.45	3.29	1.82					.02	.02			.46	3.54		.77	.53					.14	.84	14.66
Fulton	Red				.10	1.35	.25	.10					.88				T.					T	T.					.04			.06	.40	3.18
Georgetown	White					1.60		T.			2.02	.11	.98					.36	.03	.08			.84								.42	1.00	7.44
Grannis	Red				1.94		.44			.09	1.43	.71	.11				T.		.21	.13		.89	.20								.56	.70	7.41
Gravette	Arkansas				1.17		.05				3.54	2.25					.02					.08		.71	2.58							1.26	11.66
Harrison	White				1.57	.07					1.37	1.47							.04			.25	.61	.06	3.11	.02					.04	.60	9.21
Helena	Mississippi					1.66	.22				.68		1.77					.22						.40					.44		.22	.40	6.01
Higden	White				3.10		.30			.10	1.48	3.30										2.22									.80		11.30
Highland	Ouachita				1.85		.20			.30	.30	.65																			.20	.30	3.80
Hope	Red				1.45		.47			T.	.20	.82	.03				T.										.08				.08	.45	3.58
Hot Springs	Ouachita				1.55		.20			.03	.55	1.33							.10	.03		.02	.80								.84	.38	5.83
Index	Red				.15	1.24	.29				.05		1.03															.04			.03	.56	3.39
Jessieville	Ouachita				*	1.50					.70		.15								.73		1.37								*	.97	5.42
Jonesboro	White				*	1.54					1.40	.58	1.31					.51					1.56			.15					.43	1.23	8.71
Lead Hill	White				1.48		.09				1.61	1.42					.01		T.		T.	.12	.37	T.	2.45						T.	1.50	9.05
Little Rock ***	Arkansas				1.20		.05			1.00	.57	.87	T.				.04		.07	T.		.98	.22								1.07	.02	6.09
Lutherville	Arkansas				1.97		.08				1.64	4.74	.05						.05		T.	2.74	3.81		.46	.08					.11	.62	16.35
Madison	St. Francis					2.00	.12				1.00		1.02					.40	T				1.38	T.					T.		.82	.76	7.50
Magnolia	Red				.80		.30				.10																.10	.10			.10	.35	1.85
Malvern	Ouachita				1.15		.01			.02	1.10	2.00							1.50												.90	.35	7.03
Mammoth Spg	White					1.21	.12				1.75	2.30	1.32									.07	1.04		1.70	1.15					T	2.85	13.51
Marianna	St. Francis				1.73							.70	.15						.22			.16	.55					1.10			.35	.20	5.16
Marked Tree	St. Francis					1.77					1.71	.22	1.33					.25					1.22	.02		.39					.49	1.27	8.67
Marshall	White				1.50		T.				.90	4.35	T.				.04					.46	1.75		1.15	.20					.21	.70	11.26
Mena	Ouachita				.80	1.16	.07	.15			.95	.26	.44						.11			.62	1.24		T.						.14	.83	6.77
Morrilton	Arkansas					1.65					.96		1.65					.02				.99	3.85		.07						.40	.45	10.04
Mountain Home	White				1.40		.20			.03	1.73	2.33					.03					.26	.73		2.10	.36					.17	.93	10.27
Mount Ida	Ouachita				2.85		.15				1.20	.82					.06		.17			.81	1.14								.25	.64	8.09
Newport	White					1.53					1.40	.41	1.36					.18				.02	2.76		.03	.45					.12	1.51	9.77
Norman	Ouachita				.95	1.44	.17	.12			.72	.05	1.26						.11	.30		.44	1.30								.14	.95	7.95
Oden	Ouachita				1.30	.98	.10	.12			1.13	.05	.70					.05	.16			.30	1.69								.43	.68	7.69
Okay	Red						.70	.18		.12	.15	.85					.02																2.02
Osceola	Mississippi					.65					.90	.56	1.20					.35					1.35				.30				*	1.55	6.86
Ozark	Arkansas				.58	.98	T.				1.80	2.33	.73						T.	.09		.30	3.05	.05	.65	.28						.82	11.66
Paragould	St. Francis					1.68		.09			1.24	2.08	.68					.35					1.68	.64		.32			T.		*	1.04	9.80
Parkin	St. Francis					1.75					1.40		.75					.29					1.65	T					.70		.45	1.40	8.39
Patterson	White				1.16						1.82	.82	.16				.42	.09	.09	.04		.66	.76								.76	.60	7.38
Piggott	St. Francis				1.30						2.00	5.80	.26				.28	.02			.04	.85	.61		.65	.08		.02			1.70	.81	14.42
Pine Bluff	Arkansas					1.18	.18				.82		1.10					.20	.02	T.			.18						T.		.16	.44	4.28
Pocahontas	White				1.28						2.40	5.50					.15				.17	.48	1.22		.93	.03					1.15	.56	13.87
Portland	Ouachita					T.	1.45				.47		.79					.20										.45			.05	T.	3.41
Prescott	Ouachita				.01	1.25	.52	.07			.16		.84							.02											.24	.49	3.60
Quitman	Arkansas				1.61		T.			1.19	.18	1.00					T.		T.		1.33	1.70	1.53		.07			T.				.90	9.51
Rison	Ouachita				*	1.00						.45																					
Rogers (near)	White				1.73		.13	T		T.	4.40	2.17									.06	.18	.51		2.32	.10					.22	.49	12.31
Rosebud	Arkansas				1.45		T.			1.50	T.	1.29									.60	4.20	1.03	.10							.80	.62	11.59
St. Francis	St. Francis					1.44	T.				1.72	5.70	.82	T.				.51		T.	T	.37	1.07	T.	.23	.62		T.			T	1.59	14.07
Searcy	White				1.29					.02	1.30	1.16	.02				.06					2.18	1.52		.02						1.52	.35	9.44
Springbank	White				.07	1.21	.21				.03	.07	.30						T.	T.								.34			T.	T.	2.23
Story	Ouachita				*	2.42					1.33	*	1.30						.10		T.	1.33	.40								.40	.90	8.18
Stuttgart	Arkansas					1.86	.04				.78		1.10					.23		.02			.36								T.	.70	5.09
Subiaco	Arkansas				1.66		.12				1.10	3.10					.03				.04	3.17	1.48		.32		T.				.05	.36	11.43
Sunset	Arkansas				2.11		T.				1.51	1.70					.09		T.		.05	.28	1.02	.35	.80	.62	T.				.04	.72	9.29
Texarkana	Red					1.80	.38				.05		1.20															.15				.10	3.68
Thornburg	Arkansas				1.50		.08				.89	1.32					T.		.09	T.		1.25	.94		T.			T.			.59	.28	6.94
Waldron	Arkansas				1.81		T.				1.37	1.81	.03				.03		.06		.27	3.37	.05		.69		T				.18	.74	10.41
Warren	Ouachita				1.60		T.			T.	.10	1.40	T.				.25						.03				.15	.60			.32	.20	4.65
Waters	Ouachita				*	2.21		.11			.60	.83	.90						.20			.47	1.98								*	.89	8.19
Whiteclffs.	Red				.65	1.59	.24	.15			.20		1.10																			.20	4.13
Wilson	Mississippi					1.87					1.40	.40	1.03						.34	.10			1.02			.25			.06		.80	.68	7.95
Wooley Hollow	Arkansas					1.48		.09			.87	.16	1.15				.10		.04			1.26	4.40								*	.92	10.47
Wynne	St. Francis				1.82						2.38							.46		.12			1.37						.12		.13	1.13	7.53
Yancopin	Arkansas		.03			1.31	.55	.45			.21		1.70					.37	.04					T				.20			.35	.15	5.36

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	3.8	3.8	3.6	3.6	6.2	7.7	9.4	10.8	9.1	7.8	15.5	32.0	34.6	30.9	20.3	12.2	10.0	8.8	8.1	7.2	6.7	6.7	5.9	7.1	13.0	18.7	17.2	12.5	10.0	8.5	10.0
Calico Rock	do	18	1.6	1.5	1.5	1.4	2.8	8.5	8.2	9.5	8.0	7.0	20.7	39.8	39.6	33.3	23.7	13.9	10.3	8.6	7.5	6.6	6.1	6.5	10.8	9.4	19.3	18.9	17.8	13.8	10.2	8.4	9.7
Batesville	do	23	6.5	6.7	6.5	6.5	8.7	12.0	14.7	15.0	15.9	14.2	29.4	34.9	38.6	37.1	34.3	28.0	19.9	16.8	15.1	13.9	13.4	17.1	17.5	17.6	23.8	25.2	25.9	23.9	19.6	16.5	16.0
Newport	do	26	3.8	3.8	3.8	3.7	4.5	7.7	12.3	14.1	15.2	15.5	17.8	25.2	30.6	33.4	33.4	32.6	31.0	29.5	28.6	28.0	27.5	27.4	28.0	28.0	28.2	28.8	29.0	29.0	28.4	27.3	26.4
Georgetown	do	21	7.2	6.8	6.6	6.4	7.0	10.0	13.7	15.4	16.2	17.4	18.2	19.8	21.2	23.1	26.3	28.9	30.4	31.3	31.1	30.5	29.7	29.2	28.9	28.7	28.5	28.3	27.9	27.6	27.5	27.3	27.3
Clarendon	do	26	18.4	17.9	17.5	17.0	17.4	17.9	18.9	19.9	20.8	21.6	22.3	23.1	23.9	24.6	25.3	26.1	27.7	29.3	30.5	31.5	32.5	33.2	33.5	33.6	33.7	33.7	33.6	33.6	33.4	33.2	33.2
Black Rock	Black	14	3.9	8.8	3.8	3.7	6.4	7.7	7.0	6.5	6.3	8.4	21.8	26.4	26.2	25.1	25.4	25.6	25.7	25.6	25.3	24.7	24.0	23.5	23.5	22.5	23.0	22.8	21.7	20.8	19.9	18.9	19.6
Arkadelphia	Ouachita	17	7.0	8.0	7.1	6.9	13.2	11.1	11.1	10.6	9.4	11.2	12.0	17.6	19.2	11.2	12.5	11.5	11.2	9.0	8.5	8.4	8.3	8.9	13.0	12.7	12.4	9.9	10.7	9.9	8.3	8.2	8.6
Camden	Ouachita	26	14.2	13.4	12.2	11.5	11.0	16.8	21.4	22.5	22.9	23.0	23.6	24.3	74.8	25.5	28.4	29.0	28.6	28.8	26.3	23.3	20.0	17.7	16.1	17.2	19.5	20.5	19.2	17.5	16.8	14.5	12.4
Fulton	Red	25	9.1	10.2	10.0	9.6	10.7	12.5	16.0	17.5	17.3	16.7	16.0	15.8	17.1	19.0	20.4	20.9	20.4	19.0	18.0	16.9	15.4	14.0	12.9	14.0	19.4	21.2	20.9	19.6	18.8	18.2	17.0
Helena	Mississippi	41	25.7	25.0	24.7	24.9	25.7	26.5	27.1	27.5	27.8	27.9	28.4	29.2	30.5	32.8	35.3	37.2	38.4	39.7	40.7	41.7	42.7	43.7	41.7	45.6	16.5	47.2	47.9	48.4	48.7	49.0	49.1
Arkansas City	do	48	27.6	27.2	26.7	26.3	26.2	26.5	26.9	27.8	28.7	29.3	29.6	30.3	31.2	32.8	34.5	36.2	37.5	38.5	39.6	40.4	41.2	42.0	42.6	43.5	44.5	45.7	46.9	47.9	49.0	49.9	50.8

Daily temperatures for March, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	63	71	71	63	76	73	56	55	63	75	68	56	74	80	74	67	59	62	80	82	88	84	83	82	85	80	82	64	70	71	61	71.5
	Minimum	24	40	49	55	47	47	31	31	37	45	63	36	37	40	41	53	34	39	39	58	63	58	59	59	65	55	55	42	37	37	55	46.2
Batesville §§	Maximum	57	68	69	66	76	71	57	50	57	69	67	52	66	69	71	67	54	59	72	82	62	75	82	75	83	72	79	63	69	67	..	67.5
	Minimum	26	41	47	56	53	48	31	31	31	37	55	34	34	35	38	58	32	33	41	36	57	59	57	59	60	50	50	34	34	38	46	43.3
Bee Branch	Maximum	56	68	67	66	76	76	78	52	62	65	66	54	66	73	73	72	53	58	72	82	78	74	80	81	79	81	79	63	67	69	66	69.4
	Minimum	36	38	47	54	47	52	29	32	37	51	40	32	39	40	50	49	29	40	50	63	59	58	60	60	64	56	54	38	35	52	46	46.4
Bentonville ***	Maximum	59	71	66	63	73	69	43	54	58	54	51	52	62	76	72	63	52	55	73	74	73	73	77	76	75	76	62	60	65	67	47	64.2
	Minimum	44	49	53	51	52	28	20	32	40	51	34	28	40	43	57	31	25	40	55	62	57	58	56	58	58	52	38	34	40	41	38	44.0
Blytheville	Maximum	71	69	62	68	77	72	65	46	63	67	72	48	65	65	77	67	51	58	75	82	75	78	83	71	83	69	75	61	70	67	65	68.3
	Minimum	45	51	46	46	50	58	35	31	33	50	40	33	40	38	54	51	33	38	51	63	60	59	63	59	64	51	51	31	37	52	45	47.0
Booneville	Maximum	62	71	69	67	79	76	54	53	55	71	67	54	71	84	77	72	56	60	77	80	72	78	85	82	80	80	79	65	72	73	72	70.7
	Minimum	38	44	54	52	54	51	28	38	41	52	44	33	37	41	58	49	31	40	56	62	58	58	61	61	70	51	53	39	38	57	50	48.4
Brinkley	Maximum	60	73	73	69	79	76	72	53	64	73	69	72	..	75	79	72	55	65	74	84	75	82	85	86	83	79	81	64	75	70	67	72.8
	Minimum	37	47	51	56	52	58	35	33	41	52	40	36	..	39	57	53	35	40	53	65	63	58	65	62	66	57	54	42	34	55	51	49.6
Calico Rock§§	Maximum	60	80	77	72	80	79	54	54	59	74	70	57	66	76	75	68	55	59	73	84	63	77	84	77	83	75	77	63	71	66	55	69.8
	Minimum	21	42	45	47	53	49	31	30	32	36	55	32	33	37	39	59	31	32	42	58	52	59	61	60	59	50	53	34	36	41	41	43.5
Camden§§	Maximum	66	73	72	68	79	79	60	57	63	75	78	53	69	77	73	69	56	63	78	81	78	82	79	81	84	73	85	62	69	70	..	71.7
	Minimum	21	40	50	54	45	45	36	36	37	48	63	33	34	42	43	55	39	39	43	63	62	59	56	56	66	57	59	46	41	43	59	47.4
Carthage §§	Maximum	61	72	70	67	79	74	55	55	64	77	73	56	72	79	75	74	56	65	81	84	82	86	84	83	86	79	86	64	72	71	..	72.8
	Minimum	20	39	49	54	44	43	34	34	36	46	63	37	37	39	39	46	35	35	42	64	62	57	55	61	65	54	56	43	34	37	57	45 7
Center Point	Maximum	63	71	70	66	77	74	71	57	56	74	70	58	71	80	75	72	57	59	80	82	81	82	81	85	84	80	83	64	70	73	72	72.2
	Minimum	37	46	52	51	43	58	28	37	43	51	50	33	36	43	52	51	31	40	53	62	62	58	58	61	64	54	56	43	41	57	57	48.6
Conway	Maximum	66	72	71	73	80	73	69	59	57	70	72	58	70	81	80	72	67	62	78	87	82	81	87	87	87	80	80	65	75	71	69	73.6
	Minimum	38	43	51	55	51	56	33	36	40	52	43	35	37	40	40	55	34	41	55	64	61	59	62	63	68	54	55	39	37	53	50	48.4
Corning	Maximum	61	68	65	65	76	73	70	48	60	67	64	53	67	67	76	72	48	57	71	83	77	77	83	73	84	75	70	64	70	67	64	68.1
	Minimum	40	44	52	53	53	57	32	29	30	50	40	26	42	43	57	47	31	38	52	61	59	58	64	58	63	52	46	34	40	52	43	46.6
Crossett§§	Maximum	73	75	77	67	79	79	57	56	77	79	78	58	73	79	79	75	59	68	82	88	85	87	81	84	87	76	88	65	74	73	75	75.3
	Minimum	31	39	48	53	52	52	39	39	41	48	53	35	35	41	48	58	40	42	46	64	66	63	59	62	64	60	61	49	45	55	58	49.9
Dardanelle	Maximum	62	72	68	65	81	73	63	54	55	71	67	56	71	82	77	72	56	61	79	84	80	76	86	85	83	79	83	65	74	71	68	71.6
	Minimum	36	40	52	54	53	51	31	38	41	51	43	36	38	41	53	49	33	40	56	62	59	58	62	62	66	54	55	41	40	54	50	48.4
Deer	Maximum	..	65	58	56	69	66	45	..	61	..	57	..	59	74	69	62	..	54	66	72	66	69	75	74	74	71	73	57	63	60	..	64.6
	Minimum	..	39	51	47	47	39	20	..	26	..	31	..	24	46	54	36	..	24	47	59	54	54	55	54	59	53	40	33	41	51	..	43.4
Dutton	Maximum	56	70	62	60	71	67	48	51	54	65	61	49	62	73	72	66	55	53	71	73	71	77	75	75	77	71	71	61	64	63	63	64.7
	Minimum	38	39	54	46	43	39	19	25	34	45	33	25	31	32	53	37	22	33	49	53	51	53	52	55	59	39	42	30	28	51	39	40.3
England	Maximum	60	74	70	67	81	75	69	56	58	76	76	51	71	75	73	70	54	64	..	..	..	85	84	85	87	79	86	61	72	70	..	71.6
	Minimum	38	48	50	55	49	57	35	36	42	53	42	38	40	41	53	48	35	41		..	..	54	61	63	66	54	54	41	35	55	..	47 6
Eureka Springs	Maximum	59	75	66	62	73	71	47	50	61	54	52	51	63	78	74	68	52	59	74	76	75	75	77	76	77	76	73	62	67	67	53	65.9
	Minimum	45	50	54	49	54	38	20	29	35	50	33	25	43	43	60	39	22	39	53	64	57	58	58	55	63	52	41	33	45	53	37	45.1
Fayetteville	Maximum	58	70	68	60	72	69	45	55	57	61	55	51	62	75	74	68	52	56	74	73	73	73	75	75	74	74	72	61	65	71	63	65.5
	Minimum	45	50	52	49	54	39	21	31	41	52	36	28	42	42	59	40	25	37	53	64	57	58	58	57	63	50	45	34	39	57	39	45.7
Fort Smith***	Maximum	62	72	67	67	78	71	53	52	54	71	65	52	70	82	76	68	55	60	77	78	66	72	82	82	78	76	76	65	73	73	56	68.7
	Minimum	43	46	55	51	56	31	27	39	42	51	41	35	40	46	61	37	33	42	56	66	59	58	60	61	62	56	45	43	44	56	47	48.0
Gravette	Maximum	60	73	70	64	73	70	44	56	57	56	53	52	64	78	75	68	53	65	75	76	69	74	78	77	75	78	73	75	72	68	46	66.7
	Minimum	42	48	53	49	52	34	19	31	40	49	33	26	30	44	50	40	24	30	40	62	51	56	57	56	54	49	43	45	32	44	36	42.5
Harrison	Maximum	58	73	68	63	74	71	50	49	57	66	54	50	62	78	74	66	52	61	70	81	78	80	82	77	78	74	72	62	68	68	64	67 1
	Minimum	44	45	47	51	52	47	25	29	33	50	36	28	40	37	58	40	27	39	55	58	53	58	61	57	57	48	45	34	40	56	40	44.8
Helena	Maximum	60	72	70	71	79	76	71	51	63	71	74	51	68	70	77	69	54	62	76	83	74	81	83	83	84	79	82	61	72	70	69	71.2
	Minimum	36	47	52	56	53	59	37	34	44	51	46	37	39	42	53	53	36	41	57	62	62	60	61	62	62	56	54	44	44	58	53	50.0
Highland	Maximum	62	70	68	69	76	72	68	60	57	75	72	58	72	79	80	75	58	60	80	82	81	83	82	81	84	80	85	67	71	72	70	72.5
	Minimum	39	46	42	53	45	51	30	38	43	50	51	34	40	45	53	52	33	40	49	61	62	64	61	62	64	56	56	42	42	54	56	48.8
Hope	Maximum	67	72	74	66	80	74	69	63	59	78	76	59	73	82	77	71	62	64	82	84	85	87	85	84	85	81	86	73	72	77	76	74.9
	Minimum	42	50	55	54	59	50	33	39	46	55	54	34	53	45	55	47	36	41	59	67	65	60	57	63	65	58	62	45	41	59	57	51.8
Hot Springs	Maximum	61	68	70	64	79	77	72	60	60	76	70	57	72	81	76	75	58	63	77	84	82	86	84	83	86	82	83	67	71	69	68	72.9
	Minimum	41	50	55	55	48	49	32	37	43	52	46	36	40	44	56	47	34	36	53	65	54	58	63	65	66	57	59	41	41	55	55	49.5
Jonesboro	Maximum	59	68	69	67	76	71	66	45	60	67	69	50	66	68	76	69	49	59	71	82	76	78	82	77	83	77	77	62	71	68	66	68.5
	Minimum	33	45	53	50	51	55	31	29	30	50	39	30	40	38	55	45	30	39	51	63	58	57	62	58	64	52	47	36	36	50	44	45.8
Lead Hill	Maximum	60	75	73	65	79	73	45	49	57	59	55	58	63	78	79	69	55	60	77	81	73	80	82	73	73	74	79	66	70	70	64	68.2
	Minimum	35	31	44	52	47	43	26	29	27	51	36	30	27	34	52	40	27	35	53	54	57	57	61	59	60	46	47	31	34	42	39	42.1
Little Rock.***	Maximum	60	71	68	67	77	73	53	50	56	75	71	53	70	77	76	68	51	61	79	83	69	83	83	82	85	77	81	61	71	70	61	69.7
	Minimum	40	50	56	55	51	43	34	37	43	54	41	37	41	45	58	44	35	41	54	66	58	58	62	66	66	60	49	43	45	54	51	49.6
Lutherville	Maximum	61	71	65	63	76	69	55	51	53	67	64	53	68	81	75	70	59	56	75	80	71	71	81	82	79	74	78	65	70	70	65	68 3
	Minimum	35	42	56	51	48	51	27	34	38	50	39	32	37	43	57	40	30	38	54	63	58	57	61	60	64	51	48	37	39	52	47	46.4
Magnolia	Maximum	68	74	74	70	78	77	75	80	59	77	75	63	73	81	80	74	59	63	82	85	85	86	88	85	87	83	86	78	71	75	78	76.4
	Minimum	40	49	54	54	49	53	36	40	56	56	62	34	42	45	54	57	39	42	57	66	63	66	67	61	60	60	62	48	49	62	61	53.0
Mammoth Spring	Maximum	57	71	68	63	74	74	69	49	53	64	55	52	65	68	75	71	54	52	72	81	77	78	83	78	82	78	74	62	67	67	65	67.7
	Minimum	28	37	42	54	51	49	30	33	33	50	38	30	35	37	54	48	30	38	48	59	53	59	61	59	58	56	47	34	48	51	42	44.9
Marianna	Maximum	60	73	72	70	79	74	73	50	63	63	75	51	71	70	76	71	70	68	77	82	78	80	82	84	84	80	78	61	70	69	68	71.7
	Minimum	36	47	47	51	54	59	32	35	43	43	45	37	40	42	53	59	58	36	55	62	63	59	60	63	63	60	59	45	43	57	52	50.3
Marked Tree§§	Maximum	62	70	70	69	77	73	51	48	65	68	72	51	67	68	77	69	52	62	75	83	69	78	85	77	83	74	76	63	70	69	54	68.6
	Minimum	28	41	41	53	52	52	34	31	31	38	54	34	33	40	41	53	33	35	43	60	62	58	59	62	60	53	54	40	38	42	46	45.2
Marshall	Maximum	57	70	66	63	75	71	67	49	52	67	66	54	63	74	73	68	52	57	74	76	76	76	81	80	80	75	77	63	68	67	66	67.8
	Minimum	39	45	51	50	50	52	24	26	31	46	35	42	34	35	57	42	25	37	50	63	54	55	57	54	62	45	42	29	41	52	38	44.0
Mena	Maximum	59	67	66	65	75	69	52	57	55	68	66	55	70	79	74	66	57	57	74	80	66	78	82	80	81	82	81	63	70	69	66	68.7
	Minimum	40	51	55	49	52	42	27	36	42	51	42	33	40	44	52	44	31	37	54	62	59	56	61	63	65	51	51	42	38	57	54	47.8
Morrilton §§	Maximum	60	53	62	63	78	60	38	44	59	66	66	47	70	78	74	67	43	61	75	83	62	78	82	81	81	77	80	62	71	71	58	66.1
	Minimum	23	44	51	52	52	51	34	34	36	43	58	36	37	42	44	57	36	37	41	56	60	59	60	63	63	56	55	42	42	43	50	47.0
Mountain Home	Maximum	57	73	71	63	77	73	50	50	54	68	54	51	64	76	75	67	53	59	71	80	74	80	83	75	81	74	75	65	69	68	65	67.6
	Minimum	38	40	48	52	50	47	27	28	32	48	36	29	38	36	54	39	27	38	53	59	57	56	63	57	60	51	45	32	37	52	39	44.1
Mount Ida	Maximum	60	68	68	67	77	72	56	56	59	73	72	56	72	81	75	70	58	69	79	84	80	82	83	82	85	79	83	65	71	70	68	71.3
	Minimum	42	50	57	53	45	44	28	29	43	52	45	34	31	34	58	45	49	38	55	65	60	56	57	62	65	48	54	35	30	53	53	47.5
Newport	Maximum	59	67	69	66	72	73	69	49	60	68	68	50	64	69	70	70	48	57	72	83	78	77	82	79	83	79	74	58	70	67	67	68.3
	Minimum	35	40	49	55	53	59	33	32	36	52	41	34	42	41	54	47	34	41	54	65	61	59	66	60	69	55	51	40	43	54	47	48.5
Okay	Maximum	67	74	72	70	78	82	80	75	63	77	75	59	73	82	80	76	75	80	86	86	85	83	84	86	87	85	87	74	73	76	78	77.7
	Minimum	39	47	54	58	50	44	45	33	44	53	53	36	38	42	52	54	50	48	52	62	61	60	62	57	64	57	59	44	40	59	56	50.7
Ozark§§	Maximum	65	74	66	62	80	73	57	53	57	70	61	56	70	80	76	65	44	58	72	81	66	72	82	85	81	79	81	65	71	71	..	69.1
	Minimum	20	35	40	51	50	50	28	28	39	43	57	33	33	39	42	52	30	34	42	58	58	57	58	59	60	52	53	39	39	43	52	44 3
Pine Bluff	Maximum	63	74	71	69	81	76	70	53	57	76	75	57	74	79	78	72	55	67	81	85	85	87	86	85	87	78	88	65	74	73	68	73.8
	Minimum	41	53	54	57	50	55	37	38	45	53	45	38	40	43	58	51	38	42	56	65	63	59	67	66	68	58	56	45	40	58	58	51.5
Pocahontas	Maximum	60	70	69	67	76	76	69	51	59	67	66	62	66	67	75	72	57	56	71	81	79	76	84	83	84	78	74	62	68	68	65	69.6
	Minimum	47	39	47	52	51	53	30	29	30	41	37	30	37	35	49	44	30	38	51	59	56	58	61	57	58	52	46	32	35	50	42	44.4
Portland	Maximum	61	74	77	69	77	77	73	53	54	78	76	74	73	76	77	76	67	70	81	85	85	87	84	85	89	84	86	83	73	80	75	76.1
	Minimum	35	45	47	57	56	57	40	39	46	53	64	32	39	43	52	57	40	42	59	66	63	61	58	60	64	60	60	47	43	57	59	51.6
Prescott	Maximum	64	75	72	69	79	76	73	58	59	78	75	59	73	82	80	76	60	64	84	85	85	88	86	84	87	85	88	84	73	75	75	75 8
	Minimum	40	50	54	54	46	50	33	38	46	53	53	33	41	44	53	55	36	41	54	64	66	60	59	62	65	58	59	44	41	57	58	50.5
Rison	Maximum	61	62	75	71	80	80	73	56	56	76	76	55	70	79	81	76	62	68	80	79	85	86	87	84	90	84	86	80	71	71	69	74.5
	Minimum	41	52	50	56	50	54	36	37	45	53	51	36	41	44	55	60	36	52	57	62	66	60	60	64	65	58	57	61	40	57	60	52.1
Searcy	Maximum	58	70	68	66	76	71	69	54	58	71	70	53	70	72	75	69	52	59	76	84	79	78	84	82	83	75	81	62	70	68	66	70.0
	Minimum	37	44	52	55	52	58	32	33	39	53	40	35	42	44	45	50	32	42	52	64	60	59	63	62	67	57	49	39	39	53	47	48.3
Stuttgart	Maximum	61	73	71	68	78	75	72	52	60	74	72	53	70	74	78	71	53	64	78	83	78	83	86	84	84	78	84	70	72	72	68	72.2
	Minimum	35	45	50	57	49	57	36	35	43	54	47	37	38	41	53	50	35	42	56	61	61	56	60	63	65	55	58	44	38	55	55	49.4
Sunset	Maximum	55	68	59	57	70	65	45	51	48	60	58	49	..	..	..	62	52	50	66	70	71	64	74	73	75	70	68	60	63	61	61	61.6
	Minimum	40	48	52	46	48	38	18	35	37	46	32	25	..	..	..	36	22	34	48	60	55	54	55	56	56	55	41	36	43	56	40	43 3
Texarkana	Maximum	68	73	73	66	81	70	63	62	58	77	72	59	74	82	77	72	61	62	84	86	82	85	82	82	87	81	85	66	72	75	77	74.0
	Minimum	38	47	52	50	47	47	30	38	44	53	52	31	40	41	50	53	34	40	52	61	62	62	58	60	61	57	59	41	43	44	52	48.4
Thornburg	Maximum	61	69	65	65	77	72	56	55	58	72	70	54	70	78	75	69	55	60	77	82	73	80	83	84	83	79	85	64	70	70	67	70.3
	Minimum	29	43	49	53	52	42	29	29	39	50	41	33	30	33	52	44	31	37	46	63	59	56	57	52	65	46	49	35	30	55	49	44 5
Warren	Maximum	64	75	72	72	80	77	73	58	55	77	75	72	74	80	79	78	76	75	81	85	85	87	86	84	89	85	90	79	73	74	76	77 0
	Minimum	40	49	51	57	51	56	38	38	47	54	66	34	41	45	55	52	48	39	60	68	65	60	60	65	66	60	61	48	43	49	61	52.8
Wilson	Maximum	61	70	68	72	76	76	71	49	66	67	72	48	66	69	77	75	67	57	75	82	81	78	82	82	82	82	76	59	70	70	67	70.7
	Minimum	37	46	54	51	52	57	34	30	33	49	43	32	37	36	52	57	32	33	51	63	60	57	63	64	59	50	54	37	37	52	46	47.0
Wynne	Maximum	60	70	71	70	78	73	55	50	64	70	..	..	68	70	78	69	62	60	75	82	75	79	..	83	84	80	78	60	70	70	66	70.4
	Minimum	23	44	50	53	50	52	33	30	35	49	..	..	37	38	52	49	38	36	51	61	60	56	..	59	65	55	50	38	36	55	57	46.5

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark.—5-3-35-1050

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XL LITTLE ROCK, ARK., APRIL, 1935 No. 4

GENERAL SUMMARY

Temperature and precipitation were both below normal in April but the most unusual feature of the weather for the month was the large number of days with dust. The dust storm of the 11th was probably the worst ever experienced in Arkansas. The sun was entirely obscured during most of the day and the visibility was reduced to about 1200 feet in the early morning. The sun was not visible after 4 p. m. in the afternoon in the central part of the State.

The mean temperature for the State, based on the reports of 58 stations, was 60.2° which is 1.3° below the mean for the past 45 years. Stations in the northern half of the State had negative departures while some in the southern portion had positive. Monthly means ranged from 55.1° at Bentonville and Deer to 65.1° at Warren. Temperatures were freezing or slightly lower in some northern and western portions on the 8th or 13th but damage to vegetation was small. The highest temperature reported was 90° at Hope on the 25th; the lowest, 29° at both Eureka Springs and Sunset on the 8th and at Gravette and Mount Ida on the 13th.

The average precipitation for the State for the 89 stations reporting was 4.37 inches which is 0.52 inch below the average for the past 45 years. Of the stations with records of 10 years or more, 26 had positive departures and 49 negative. Monthly totals ranged from 1.47 inches at Cotter to 8.56 inches at Danville. The distribution of rainfall during the month was reversed to that of March in that the southern part of the State received the heaviest rainfall and the northern portion the least. The greatest amount measured in any 24-hour period was 4.10 inches at Danville on the 19th.

The weather during the month was mostly unfavorable for farm work. Spring planting was delayed in northern and most central sections the first half of the month while some cotton and corn were planted in the southern portion. Conditions were unfavorable for cotton and corn and some will have to be replanted. Strawberries were damaged in the southern portion by the cold, wet weather, but conditions were favorable for growth of wheat, oats, meadows and pastures. T.A.M.

TORNADOES:--Joiner, 5th, 2:00 p. m., from nw, path 100 feet wide, 6 people injured, property damage $7,000. Arkadelphia, (1-3 miles north of), 5th, 3:30 p. m., from nw, path 600 feet wide and 4 miles long, 3 people injured, $2,000 damage to buildings and $4,000 damage to timber. Grannis, (2 1-2 miles northeast of), 19th, 8 p. m., from sw, about 900 feet wide, $5,000 damage to timber.

HEAVY HAIL:---Brentwood and Woolsley, 6th, severe damage to gardens and automobile tops. Carlisle, Hazen, Lonoke and vicinities, 6th, $30,000 damage to roofs of buildings, automobile tops and gardens. This hailstorm was about 10 miles wide in Lonoke and Prairie counties. Hailstones were as large as hen eggs at a number of places and some as large as baseballs in Lonoke. Considerable damage to roofs and crops was reported on the 6th at Jacksonville, Palarm, McCrory, and near Thornburg, slight damage at Marshall on the 7th, at Amity on the 19th, and considerable at Danville, 19th.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	3	.	.	.	.	1	.	.		1	.	.	.	.	.	.	.	.	1	3	2	.	.	.	.	2	1	.	.	.	.
Light Hail	1	3	3	1	7	7	.	.	.	1	1	.	.	.	.	.	.	1	1	.	.	.	.	.	3	1	1	.	.	.	.
Moderate Hail	.	2	1		1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Heavy Hail	.	.		.	.	9	1	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	2	6	12	3	32	25	9	1	2	25	4		.	.	.	.	7	11	26	3	2	.	.	.	10	16	3	10	9	..	..

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29 90	30.26	15	29.54	6	7.5	20	nw	11	..	..	..	47
Fort Smith	29.91	30.31	15	29.59	6	8.9	28	w	11	79	59	58	37
Little Rock	29.94	30.27	13	29.44	6	8.7	35	nw	6	77	55	60	52
Memphis	29.93	30.23	13	29.51	6	7.2	32	n	5	74	60	64	56

COMPARATIVE DATA FOR APRIL

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	+1.3	93	22	2.75	−2.14	4.90	0 41	....	8	16	10	5
1892	61.4	−0.1	97	27	6.98	+2.09	11.06	1.32	0.0	10	12	9	9
1893	64.9	+3.4	94	29	7.16	+2.27	13.22	4.02	T.	8	11	10	9
1894	63.1	+1.6	91	29	6.18	+1.29	12.73	1.29	0.0	9	14	8	8
1895	63.1	+1.6	98	30	1.99	−2.90	3.90	0.71	T.	6	15	8	7
1896	67.8	+6.3	94	24	3.65	−1.24	9.36	0.46	0.0	5	12	12	6
1897	61.4	−0.1	90	31	4.14	−0.75	6.12	1 93	0.0	9	12	11	7
1898	59.2	−2.3	93	19	3.09	−1.80	7.85	1.10	0.0	8	14	8	8
1899	60.7	−0.8	96	19	3.28	−1.61	5.38	0.82	T.	7	10	11	9
1900	62.2	+0.7	96	24	4.98	+0.09	10.06	1.51	T.	10	10	12	8
1901	58.1	−3.4	96	22	3.82	−1.07	5.48	1.37	T.	6	14	8	8
1902	61.2	−0.3	96	25	2.87	−2.02	5.58	1.17	0.0	8	11	11	8
1903	60.6	−0.9	91	26	1.86	−3.03	4.92	0.36	T.	6	13	10	7
1904	56.8	−4.7	89	24	3.88	−1.01	7.94	1.64	T.	8	11	9	10
1905	61.1	−0.4	96	25	6.29	+1.40	12.53	2.10	T	11	9	10	11
1906	63.7	+2.2	97	27	2.55	−2.34	4 82	0.70	0.0	6	15	7	8
1907	54.9	−6.6	89	24	5.44	+0.55	8.99	3.29	0.0	9	10	7	13
1908	63.3	+1.8	94	24	6.32	+1.43	13.76	2.56	T.	12	9	9	12
1909	60.9	−0.6	88	24	4.52	−0.37	8.79	1.66	T.	8	15	7	8
1910	59.8	−1.7	90	22	5.14	+0.25	8.74	2.05	T.	9	12	9	9
1911	60.5	−1.0	90	29	9.86	+4.97	15.20	4.20	0.0	12	10	9	11
1912	61.9	+0.4	93	26	8.14	+3.25	12.94	2.60	T.	12	9	1	10
1913	61.2	−0.3	94	27	4.91	+0.02	11.46	1.84	0.0	6	17	16	7
1914	61.0	−0.5	94	19	4.57	−0.32	11.29	1.99	0.0	9	11	9	10
1915	64.3	+2.8	96	19	2.96	−1.93	7.53	0.67	T.	5	14	8	8
1916	59.9	−1.6	92	24	3.65	−1.24	7.46	2.05	T.	7	13	7	10
1917	60.4	−1.1	90	23	5.69	+0.80	12.84	2.91	T.	9	14	7	9
1918	59.6	−1.9	96	25	7.63	+2.74	14.34	2.68	0.0	9	14	6	10
1919	61.6	+0.1	95	24	3.56	−1.33	7.02	0 33	T.	7	14	6	10
1920	59.8	−1.7	94	21	5.49	+0.60	10.56	1.42	T.	9	14	7	9
1921	59.8	−1.7	91	22	7.87	+2.98	12.52	4.54	T.	9	14	6	10
1922	63.5	+2.0	90	26	5 54	+0.65	12.81	2.77	0.0	9	13	6	11
1923	61.4	−0.1	95	23	6.30	+1.41	10.24	1.87	0.0	11	14	7	9
1924	61.4	−0.1	94	18	4.99	+0.10	8.53	2.92	0.0	8	14	6	10
1925	67.4	+5.9	98	28	2.62	−2.27	7.15	0.00	0.0	6	14	9	7
1926	59.1	−2.4	94	18	2.65	−2.24	5.81	1.24	T.	7	15	6	9
1927	65.7	+4.2	99	26	2.93	+8.04	23.80	5.94	0.0	12	12	7	11
1928	57.3	−4.2	87	22	18.52	+3.63	14.01	4.03	T.	9	13	5	12
1929	64.0	+2.5	92	29	5.69	+0.80	12.94	1.91	T.	10	11	7	12
1930	64.9	+3.4	96	27	1.41	−3.48	4.40	0.00	0.0	6	16	7	7
1931	59.1	−2.4	92	21	2.62	−2.27	6.43	0.62	0.0	9	13	7	10
1932	63.8	+2 3	92	28	2.85	−2.04	7.02	0.71	0.0	7	16	7	7
1933	61.1	−0.4	93	28	4.80	−0.09	9.14	2.27	0.9	11	13	8	9
1934	62.7	+1.2	90	29	3.51	−1.38	8.18	0.57	0 0	8	14	8	8
1 35	60.2	−1.3	90	29	4.37	−0.52	8.56	1.47	T.	9	10	7	13
Period	61.5	....	99	18	4.89	.....	23.80	0.00	T.	8	13	8	9

Daily River Stages for April, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or Van Buren	Arkansas	22	12.6	12.1	11.1	10.0	9.6	11.3	11.1	9.3	8.4	8.3	8.7	8 4	8.0	7.6	7.3	7.0	6.8	6.3	6.3	6.8	8.0	8.3	9.0	8.9	8.1	8.6	12.8	13.0	12.6	13.5	
Ozark	do	22	9.2	9.4	8.7	7.4	6.8	8.0	8.8	7.3	5.7	5.2	5.2	5.3	5.2	4.4	4.3	3.9	3.4	3.2	3.2	3.3	3.9	4.3	4.7	5.3	5.2	4.5	7.4	9.9	9.7	9.4	
Dardanelle	do	22	11.9	12.1	11.8	11.0	10.1	10.6	11 3	11.3	10.1	8.8	8.4	8.4	8.4	8.0	7.7	7.3	7.1	7.0	6.9	7.5	7.4	7.5	7.7	7.8	8.3	8.0	8.0	11.0	11.8	11.5	
Morrilton	do	20	11.6	11.4	11.2	10.4	9.2	8.9	9.8	10.2	9.2	7.6	6.8	6.6	6 6	6 0	5.4	4.6	4.0	3.7	3.5	4.3	4.8	4.9	5.4	5.6	6.2	6.4	5 9	7.6	10.1	10.2	
Little Rock	do	23	12.9	12.0	11.8	11.2	10.2	9.6	10.2	11.2	11.1	9.4	8.3	7.6	7.3	7.0	6.3	5.6	4.9	4.4	4.2	4.4	5 5	6.1	6.3	6.6	6.6	6.7	6.4	6.1	8.8	10.4	
Pine Bluff	do	25	19.5	17.4	16.6	16.1	15.6	14.8	14.5	14.8	15.5	15.0	13.6	12.6	12.0	11.3	11.0	10.6	10.0	9.4	9.1	8.9	9.2	10.1	10.6	10.8	11.0	10.9	10.9	10.8	10.7	13.4	
Danville	Petit Jean	20	14.6	13.3	10.6	9.1	8.2	18.5	21.6	21.0	18.5	14.2	12.0	10.3	8.4	7 3	6.6	6.1	5.6	5.4	14.8	20.9	22.2	22.1	21.6	19.8	15.9	11.6	15.6	19.3	17.9	19.1	

Climatological Data for April, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	40	62.2	+ 0.4	84	18	36	13	35	6.63	+1.46	2.47	0.0	7	6	13	11	e.	J. W. Campbell
Arkadelphia	Clark	250	40	...	...	...	...	...	...	...	7.31	+2.17	2.91	0.0	9	10	3	17	ne.	W. K. Bown
Arkansas City	Desha	145	51	...	...	...	...	...	...	...	7.71	+2.80	1.94	0.0	10	13	1	16	...	Herbert Neff
Arlberg	Stone	700	13	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	J. D. Reeves
Batesville	Independence	277	36	57.6	− 1.4	86	27	30	13	37	1.93	−3.07	0.46	0.0	11	12	2	16	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	43	59.2	− 1.8	84	28	36	13	33	3.92	−0.94	0.96	0.0	11	10	5	15	s.	J. E. Scanlan
Bentonville	Benton	1303	30	55.1	− 2.5	79	24	31	8	31	2.87	−1.99	1.18	T.	11	3	8	19	n.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	5	...	...	...	...	...	...	...	3.30	...	1.40	0.0	10	11	8	11	...	C. J. Brooks
Black Rock	Lawrence	259	34	...	...	...	...	...	...	...	1.59	−3.97	0.59	0.0	12	12	2	16	s.	Vernon C. Howe
Blytheville	Mississippi	252	10	57.9	− 3.7	86	26	36	16	32	1.98	−2.58	0.68	0.0	10	13	4	13	n.	Samuel Norris
Booneville	Logan	465	21	61.0	− 1.2	84	18	34	13	36	6.09	+0.97	1.91	0.0	10	7	8	15	w.	F. H. Randolph
Brinkley	Monroe	205	48	61.0	− 1.0	85	28	39	16	35	3.55	−2.01	1.44	0.0	7	11	10	9	ne.	R. J. Torry
Calico Rock	Izard	361	31	58.3	− 0.9	86	28	34	13	43	2.02	−2.91	0.45	0.0	9	10	5	15	nw.	E. R. Wiseman
Camden	Ouachita	158	50	63.8^{b}	+ 0.4	83	2†	38^{d}	8	33^{d}	7.41	+2.51	3.05	0.0	10	8	1	21	se.	J M. Knight
Carthage	Dallas	297	30	62.1	...	85	3†	38	8†	38	6.23	+1.17	1.75	0.0	8	10	12	8	s.	P. K. Wylie
Center Point	Howard	470	36	62.7	− 0.5	84	2	34	8†	37	6.09	+0 84	1.49	0.0	10	9	11	10	se.	John C. Floyd
Clarendon	Monroe	172	51	...	...	...	...	...	...	...	3.98	−2.11	1.40	0.0	10	7	6	17	n.	J. W. Bishop
Clinton	Van Buren	516	14	...	...	...	...	...	...	...	3.60	−1.70	1.11	0 0	10	6	12	12	n.	A L. Stephens
Conway	Faulkner	309	52	62.1	+ 0.1	87	28	37	13	36	3.62	−1.24	0.82	0.0	8	12	6	12	e.	E E Cordrey
Corning	Clay	293	42	57.6	− 2.4	86	25	34	16	35	1.61	−3.59	0.40	0.0	10	12	2	16	s.	Winfred D. Polk
Cotter	Baxter	408	8	...	...	...	...	...	...	...	1.47	...	0.51	0.0	6	10	4	16	...	O. B. McSpadden
Crosset	Ashley	175	23	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	G. A. Gifford
Danville	Yell	327	19	...	...	...	...	...	...	...	8.56	+3.25	4.10	0.0	9	8	4	18	...	J. M. Patterson
Dardanelle	Yell	330	49	61.4	− 1.2	85	28	39	8	33	4.69	+0.42	1.48	0.0	10	2	14	14	nw.	Geo. N. Goodier
Deer	Newton	2200	2	55.1^{h}	...	76^{h}	24†	30^{h}	8†	32^{h}	1.64	...	0.41	0.0	8	11^{h}	0^{h}	11^{h}	s.	Mrs. J. M. Essex
Dumas	Desha	162	30	63.6	+ 0.1	87	28	41	16	36	6.14	+1.18	1.89	0.0	10	6	11	13	s.	Ben Johnson
Dutton	Madison	1590	33	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	J. M. Ricketts
El Dorado	Union	270	35	64.4	+ 0.1	86	25	39	8	33	7.25	+1.64	1.25	0.0	11	12	7	11	sw.	T. B Barnes
England	Lonoke	229	28	61.5^{a}	− 1.3	84^{a}	25	40^{a}	8†	33^{a}	5.04	−0.97	1.16	0.0	8	11^{a}	6^{a}	12^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	56.6	− 2.4	81	24	29	8	40	2.38	−2.66	0.77	0.0	8	8	8	14	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	56.7	− 1 8	79	24	31	8	33	2.95	−1.68	0.89	0.0	13	7	8	15	n.	University of Arkansas
Fort Smith	Sebastian	457	54	59.8	− 2.0	82	24	39	13	31	3.27	−0.67	1.26	0.0	6	3	11	16	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	11	...	...	...	...	...	...	...	2.87	−2.39	0.81	0.0	11	12	3	15	ne.	R. J. McCuiston
Fulton	Hempstead	260	50	...	...	...	...	...	...	...	6.05	+1.51	1.65	0.0	8	11	2	17	...	T. J. Logan
Georgetown	White	200	23	...	...	...	...	...	...	...	3 44	−2.30	1.08	0.0	8	13	4	13	...	Mrs. W. R. Owens
Grannis	Polk	900	16	60.4	− 0.1	84	2†	32	13	41	4.35	−1.78	1.07	0.0	12	10	6	14	e.	W. E. McVay
Gravette	Benton	1250	38	56.2	− 1.0	81	24	29	13	39	3.31	−1.29	1.16	0.0	8	7	8	15	s.	Max W. Schmidt
Harrison	Boone	1052	35	56.8	− 0.5	83	28	33	8	36	1.52	−3.44	0 53	0.0	8	14	3	13	nw.	Louis R. Keck
Helena	Phillips	250	63	61.0	− 1.8	84	25†	39	13	29	7.65	+1.92	2.25	0.0	9	10	7	13	ne.	James A. Burnett
Higden	Cleburne	445	16	...	...	...	...	...	...	...	3.57	−2.46	0.86	0.0	9	17	3	10	nw.*	Trumon Brown
Highland	Pike	600	16	63.2	...	85	5†	36	8	33	6.65	+1.25	1.65	0.0	8	1	21	8	s.	J. O. Cooley
Hope	Hempstead	377	65	64.5	+ 0.6	90	25	37	8†	36	4.95	−0.32	1.65	0.0	9	12^{c}	6^{c}	9^{c}	ne.	N. P. O'Neal
Hot Springs	Garland	600	44	63.2	+ 0.4	87	18	40	8†	35	5.34	−0.68	1.15	0.0	12	0	24	6	s.	National Park Service
Index‡‡	Little River	275	10	...	...	...	...	...	...	...	4.97	+0.23	1.50	0.0	8	10	1	19	...	H. C. Sanderson
Jessieville	Garland	750	9	...	...	...	...	...	...	...	5.24	...	1.43	0.0	8	6	8	16	s.	U. S. Forest Service
Jonesboro	Craighead	345	40	58.6	− 2.7	86	26	37	8†	33	2.46	−2.36	0.69	0.0	12	12	5	13	se.	Benedictine Sisters
Lead Hill	Boone	650	29	56.6	− 3.2	85	25	30	13	42	1.72	−2.49	0.50	0.0	9	10	5	15	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	60.2	− 1.9	82	28	41	8	29	3.47	−1.72	0.86	0.0	11	7	5	18	se.	U. S. Weather Bureau
Lutherville‡‡	Johnson	775	36	58.6	− 1.6	85	18	36	8	30	4.48	− 0.42	0.92	0.0	11	8	3	19	se.	H. G. Lenhardt
Madison	St. Francis	209	5	...	...	...	...	...	...	...	3.35	...	1.10	0 0	7	10	0	20	...	J. W. Eppes
Magnolia	Columbia	315	19	64.6	+ 0.2	84	2†	36	13	34	5.07	+0.25	1.40	0.0	8	4	17	9	s.	State Agri. School
Malvern	Hot Springs	277	49	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	W J. Keith
Mammoth Spring	Fulton	600	31	56.4	− 2 8	83	25	32	16	36	2.44	−2.82	0.72	0 0	8	9	9	12	nw.	S. F. Whittaker
Marianna	Lee	235	24	61.6	− 0.5	83	25	42	8	25	4 19	−0.60	0.82	0.0	9	14	6	10	s.	C. N. Houck
Marked Tree	Poinsett	229	31	59.3	− 2.3	87	26	38	8†	36	4.68	−0.92	2.77	0.0	8	8	11	11	n.	Charles Walton
Marshall	Searcy	1070	21	57.6^{d}	− 3.2	83	28	33^{g}	8	34^{g}	4.13	−2.82	0.97	0.0	14	8	6	16	s.	A. J. Parks
Mena	Polk	1207	47	60.9	− 0.7	85	18	36	13	36	4.65	−1.16	1.52	0.0	10	6	5	19	sw.	E. W. St. John
Morrilton	Conway	347	16	59.0	− 3.6	83	19	40	9	29	4.67	−0.64	1.10	0.0	9	11	11	8	ne.	Hugh B. Wear
Mountain Home	Baxter	800	23	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	B. S. Halbert
Mount Ida	Montgomery	650	36	60.7	− 0.7	85	2	29	13	42	5.55	−0.35	1.16	0.0	9	13	4	13	e	G. A. Whittington
Newport	Jackson	231	52	58.2	− 3.8	81	25	41	8†	28	3.23	−1.80	1.61	0.0	11	9	14	7	s.	J. D. Henderson
Norman	Montgomery	750	7	...	...	...	...	...	...	...	5.24	...	1.40	0.0	7	12	6	12	...	U. S. Forest Service
Oden	Montgomery	800	9	...	...	...	...	...	...	...	5.42	...	1.10	0.0	8	6	7	17	se.	U. S. Forest Service
Okay	Howard	288	7	63 8	...	88	5	31	13	42	5.70	...	1.79	0.0	8	12	9	9	s.	Charles R. Jackson
Osceola	Mississippi	240	39	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	61.5	− 0.7	86	18	35	13	36	5.05	+0.37	1.70	0.0	9	10	4	16	e.	Orkney O. Milton
Paragould	Greene	301	12	...	...	...	...	...	...	...	3.88	−0.84	1.20	0.0	10	11	7	12	se.	W. K. Heagler
Parkin	Cross	222	5	...	...	...	...	...	...	...	2.65	...	0.80	0.0	6	8	4	18	...	Carroll King
Patterson	Woodruff	196	19	...	...	...	...	...	...	...	3.71	−2.36	0.87	0.0	8	14	5	11	n.	W. E. Baker
Piggott	Clay	307	11	...	...	...	...	...	...	...	2,62	−0.90	1.10	0.0	10	17	2	11	se.	V. C. Wright
Pine Bluff	Jefferson	215	48	62.4	− 1.0	84	25	39	8	31	4.85	− 0.66	1.76	0.0	10	9	11	10	sw.	Miss Theresa Scheu
Pocahontas	Randolph	300	42	57.1	− 3.1	84	25	31	16	37	2.34	−2.64	0.68	0.0	16	6	6	18	ne.	Benedictine Sisters
Portland	Ashley	122	29	63.8	− 0.8	89	2	41	8	34	7.86	+2.63	1.90	0.0	9	9	10	11	n.	W E. Edmiston
Prescott	Nevada	329	47	64.4	+ 1.1	85	5†	37	8	36	5.31	+0.15	1.43	0.0	8	8	9	13	s.	Craig Williams
Quitman	Cleburne	480	1	...	...	...	...	...	...	...	3.72	...	1.61	0.0	5	11	5	14	s.	G. M. Hooten
Rison	Cleveland	243	35	63.6	− 0.2	89	2	38	8	36	5.01	+0.31	1.74	0.0	6	14	6	10	s.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	45	57.2	− 1.2	82	24	30	13	88	1.93	−2.71	0.56	0.0	8	11	4	15	n.	Carl A. Starck
Rosebud.‡‡	Faulkner	...	1	...	...	...	...	...	...	...	3.35	...	0.82	0.0	5	12	6	12	s.	Miss Clarice Maddox
St. Francis	Clay	290	8	...	...	...	...	...	...	...	2.88	...	0.73	0.0	9	12	7	11	...	S. T. Rooney
Searcy	White	236	25	60.0	− 1.8	83	28	40	13	32	3.12	−2.11	0.70	0.0	10	13	3	14	se.	Arthur D. Smith
Springbank	Miller	240	26	...	...	...	...	...	...	...	5.51	−0.73	2.68	0.0	9	8	0	22	...	Henry Field
Story	Montgomery	700	11	...	...	...	...	...	...	...	5.40	−0.76	1.55	0.0	8	12	9	9	s.	S. C. Story
Stuttgart	Arkansas	209	48	61.4	− 0 9	84	28	41	13	32	4.03	−1.08	1.70	0.0	8	14	6	10	se.	Mrs. Kress Swim
Subiaco	Logan	1050	38	60.8	− 1.0	85	18	38	8	35	4.29	−0.39	1.11	0.0	9	10	8	12	s.	New Subiaco Abbey
Sunset	Washington	2250	4	54.8	...	74	24†	29	8	32	2.90	...	1.02	T.	13	9	10	11	sw.	Walter James
Texarkana	Miller	332	50	63.6	− 0.6	86	1†	34	8†	38	5.16	+0.12	1.47	0.0	8	10	6	14	s.	H. S. Brashear
Thornburg	Perry	650	15	58.2^{b}	− 2.3	84^{b}	18†	31^{b}	13	40^{b}	5.24	−0.47	1.63	0.0	10	6^{b}	12^{b}	10^{b}	s.	Edward E. Holmes
Waldron	Scott	675	16	...	...	...	...	...	...	...	7.51	+1.43	2.26	0.0	8	3	6	21	ne.	Dr. Cheves Bevill
Warren	Bradley	206	41	65.1	+ 1.8	89	2	38	8	37	6.51	+1.15	2.58	0.0	5	17	7	6	sw.	Miss Sue Hoyle
Waters	Montgomery	800	11	...	...	...	...	...	...	...	5.66	+0.20	1.45	0.0	9	9	8	13	sw.	J R. Huddleston
Whitecliffs	Little River	290	29	...	...	...	...	...	...	...	6.03	+0.38	2.15	0.0	6	12	0	18	...	William W. Davis
Wilson	Mississippi	237	10	57.8	− 3.2	85	26†	35	16	33	3 62	−1 67	2.00	0.0	7	12	2	16	s.	D O. Anderson
Wooley Hollow.‡‡	Faulkner	...	1	...	...	...	...	...	...	...	3.23	...	1.21	0.0	7	16	6	8	s.	Ross Shumate
Wynne	Cross	250	27	58.8	− 3 0	85	25†	37	9†	34	3.08	−2.97	1.18	0.0	8	12	5	13	s.	R. T. Cobb
Yancopin	Desha	167	11	...	...	...	...	...	...	...	7.37	+3.62	2.00	0.0	10	13	1	16	...	W. E. Barton
State Means				60.2	−1.3	90	25	29	8†	43	4.37	−0.52	4.10	T.	9	10	7	13	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hours ending 7 a.m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for April, 1935

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita				.08	2.47					.53									.71	1.37						1.25			.22			6.63
Arkadelphia	Ouachita						2.91				.04	.82							.01	.44		1.28					1.40	.01		.40			7.31
Arkansas City	Mississippi	.72					1.94	.17			.44	.74									1.86	.34						.65		.80	.05		7.71
Arlberg	White																																
Batesville	White	.02	T.		.23		.46	.31	T.		T.	.13		T.					.11	.35	.10	.07						.04		.11			1.93
Bee Branch	Arkansas			.02		.84	.27	.96			.10							.10	T.	.80	.10	.31					.05			.37			3.92
Bentonville ***	Arkansas	T.		.01		.18	1.05	.13		T.	.29	T.	T.					.01	.04	.41	T.				T.	.48	.20		.07	T.			2.87
Big Lake Outlet	St. Francis	T.	.21	.06	.55		1.40	.13	T.		T.	.10		.05					.10		.12	T.						.58		T	T.		3.30
Black Rock	White	.05	.11				.59	.22	.04			.12		.02					.18	T.	.10	.03						.06		.07			1.59
Blytheville	St Francis		.22	.02	.10		.68	.17	T.			.10	T.	.04					.10	T.	.08							.47					1.98
Booneville	Arkansas			.01		1.49	.01				.26							.03		1.91	.57					.22	.94			.65			6.09
Brinkley	White						1.44	.59				.79									.15	.11						.38		.09			3.55
Calico Rock	White				.04		.44	.45	T.			.30		T.					.25	.24	.17	.10						T.		.03			2.02
Camden	Ouachita	.14					3.05				.19	.65									.45	.29					1.56	.42		.64	.02		7.41
Carthage	Ouachita					1.75	.78			.06	.52									.67	T.	1.05					.70			.70			6.23
Center Point	Red						1.29			.07	.73							.05		.92	.40	.84					1.49	.04		.26			6.09
Clarendon	White	.05	.01				1.40	.75			T.	.90		T					T.	.10	.08	.20						.35		.14			3.98
Clinton	White			.12		.41	1.11				.42								.23	.72	.06	.15					.14		.24	T.			3.60
Conway	Arkansas					.47	.09		.77		.53							.05		.82							.67	.22					3.62
Corning	White	T.	.30	.08	T.	.05	.23	.40	T.			.05		.05				T.	.20	T.	.12	T.						.13		T.			1.61
Cotter	White			.08			.34	.51				.16							T.	.17	T.	.21											1.47
Crossett	Ouachita						2.10	.85	.16	.44	.95									1.60													
Danville	Arkansas						1.50	.31				.50								4.10	.15	.75					.18	.32		.75			8.56
Dardanelle	Arkansas	.03					1.48	.18				.35							.14	.63	.11	.65					.26			.86			4.69
Deer	White					.15	.30	.10			.10										.10					.30	.41			.18			1.64
Dumas	Mississippi			T.			1.44	.02		.04	.83	.06	T.					T.		1.89	.07	.50						.58		.71			6.14
Dutton	White																																
El Dorado	Ouachita	T.					.66	.33			.75	1.25								.88	.98	.20					.73	.35		1.10	.02		7.25
England	Arkansas	.42		T.		1.16	.76			T.	.61							T.		.58	.05	1.09					.37						5.04
Eureka Springs	White			.06		.30		.77				.22	.04							.48							.48			.03			2.38
Fayetteville	White	.05	.04	.02		.08	.10	.25	T.	T	.12	.23	T.					T.	T.	.68	.05			T.		.13	.89		T.	.31			2.95
Fort Smith ***	Arkansas				T.	1.08	T.	T.		T.	.24							T.	T.	.39	T.			T.	T.	1.13	.16		.27				3.27
Freeman Sprgs.	Arkansas	.02			.10		.41	.34	.03			.34	T.						.09	.81	.19						.27			.27			2.87
Fulton	Red						.75				.03	.80							T.	.26	.12	1.06					1.65			1.38			6.05
Georgetown	White						1.08	.48	.02			.84							T.	.41	.03							.34		.24			3.44
Grannis	Red		T.	.01		.02	.21			.01	.78							.04		.96	.45	.47					1.07		.06	.27			4.35
Gravette	Arkansas					.10	.66	.28			.38									.51						.18	1.16		.04				3.31
Harrison	White			T.		.24	.07	.45				.12								.53	.05							.02	T.	.04			1.52
Helena	Mississippi						1.95	2.25			.01	1.30		.01							.32	1.10						.61		.10			7.65
Higden	White			.15		.47	.86	.83			.27							.10	.07	.54	.28												3.57
Highland	Ouachita						1.40			.05	.65									.35	1.65	.95					1.25			.35			6.65
Hope	Red			.02		T.	.98			.25	.52									.31	.20	.31					1.65			.71			4.95
Hot Springs	Ouachita		.27			.60	.18			T.	.66							.10	.05	.50	.22	1.15					.60	.57		.44			5.34
ndex	Red						.56				.08	.57								.08	.08	.95	T.				1.50			1.15			4.97
essieville	Ouachita						.85				.75	T.							.31	*	.87	1.43					.56			.47			5.24
onesboro	White		.47		.06		.69	.26	.02		T.	.10		T.					.22	.04	.22	.01						.34		.03			2.46
Lead Hill	White		T.			.50	.02	.29			T.	.15	T.					T.		.21	.01					.41	.05		T.	.08			1.72
Little Rock ***	Arkansas	T.	T.	T.		.86	.08			.01	.84							.08	T.	.39	.05	.66					.27	.01	.22	T.			3.47
Lutherville	Arkansas					.44	.61	.59			.54	.08						.12		.92	.10					.33	.35		T.	.40			4.48
Madison	St. Francis						1.10	.65			T.	.58							T.	T.	.03	.58						.38		.03			3.35
Magnolia	Red						1.20			.33	.81									.70		.10					.52	.01		1.40			5.07
Malvern	Ouachita																																
Mammoth Spg	White		.12				.72	.63	.10			.32							.07	.34	.14												2.44
Marianna	St. Francis					.81	.75	.77			.70	.02								.05		.82						.25		.02			4.19
Marked Tree	St. Francis						2.77	1.10				.44							.05		.07	.11						.07		.07			4.68
Marshall	White			.66		.41	.20	.97			.20	.26	.03					.08	.03	.65	.40	.05					.06			.13			4.13
Mena	Ouachita	.01		T.			.26				.01	.22							.07	1.52	.07	.93					1.15	T.		.41			4.65
Morrilton	Arkansas						1.05	.15			T.	.47							.06	.81		1.10					.38	.04		.61			4.67
Mountain Home	White																																
Mount Ida	Ouachita					.74	.11				.65							.10		.81	.43	1.16					1.05			.50			5.55
Newport	White				.08		1.61	.26	.05			.17							.03	.28	.09	.13						.35		.18			3.23
Norman	Ouachita						1.40				T.	.43							T.	.66		1.31					1.01	.02		.41			5.24
Oden	Ouachita			T.			.92				T.	.35							.15	1.02	*	1.37					1.10			.51			5.42
Okay	Red						.76			.12	.68	.32						T.		.13	.70	1.20					1.79						5.70
Osceola	Mississippi																																
Ozark	Arkansas	.04	T.			.72	.91					.33							.02	1.70	.22						.75	T.		.36			5.05
Paragould	St. Francis			1.20	.46		.63	.29	.49			.05		.09					.14	T.	.17							.36					3.88
Parkin	St. Francis				.19		.80	.65				.36								T.	T.	.40						.25					2.65
Patterson	White			.13	.82	.21		.58			.87									.40		.07								.63			3.71
Piggott	St. Francis		1.10			.38	.20	.14				.11	.07						.20	.10	.08							.24					2.62
Pine Bluff	Arkansas	.02					1.76				.06	.57								.31	.05	1.06					.11	.27	T.	.64			4.85
Pocahontas	White	.05	.03	.10	.04	.68	.62	.15			.07	.03						.10	.06	.12	.08	.08						.05		.08			2.34
Portland	Ouachita						1.46	.59			1.55	.96									1.90	.30						.21		.50	.39		7.86
Prescott	Ouachita						1.27				.10	.52								.16	.03	1.05					1.43			.75			5.31
Quitman	Arkansas					1.61	.42				.42									.70	T.					T.	T.	.57					3.72
Rison	Ouachita						1.74					.60								.45	.25	.96					1.01						5.01
Rogers (near)	White					.22	.20	.20		T.	.27									.39	.07					.02		.56					1.93
Rosebud	Arkansas					.80	.48				.55									.82	T.						T.	.70					3.35
St. Francis	St. Francis	T.	.39	.18	T.	.73	T.	.62				.18	T.	T					.18	.12	T.							.38		T.	.10		2.88
Searcy	White					.59	.39	.35			.46							.03	.02	.70		.20						.08		.30			3.12
Springbank	White			.03		T	.44				.22	.66								.38	.32	.20					.58	T.	T.	2.68	T.		5.51
Story	Ouachita				.10		.82				T.	.52							.10		1.00	1.55					.75			.56			5.40
Stuttgart	Arkansas						1.70	.08				.80								.25	.04	.68						.28		.20			4.03
Subiaco	Arkansas					1.03	.10	T.		T.	.37							.02		1.11	T.	.05				.48	.55		T.	.58			4.29
Sunset	Arkansas	.04	.06	T.		.22	.05	.14			.11	.30	.02							.39	.01			T.		.15	1.02		T.	.39			2.90
Texarkana	Red						.60				.15	.70								.07	.04	.80					1.33			1.47			5.16
Thornburg	Arkansas	T				.66	.83	T.		T.	.55	.01						.04		1.07	.26						1.63	.16		.08			5.24
Waldron	Arkansas		T.			.57				T.	2.26							.06		1.10		.94				.30	1.52			.76			7.51
Warren	Ouachita						2.58	.20		.28	1.45																			2.00	T.		6.51
Waters	Ouachita				.17		.91				T.	.57							.18	.22	.98	1.45					.43	.75					5.66
Whitecliffs	Red						.50				T.	.98							.07			2.15					1.43			.90			6.03
Wilson	Mississippi		.15				2.00	.52				.33		.04								.15						.43					3.62
Wooley Hollow	Arkansas						1.21	T											.30	1.12	.35						.10	.10		.05			3.23
Wynne	St. Francis				.13		1.18	.34	.28			.41		T.					T.	T.	.12							.51		.11			3.08
Yancopin	Arkansas						1.31	.25			.10	.79								2.00	.77	1.00	.03					.54		.58			7.37

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	9.1	8.1	9.8	8.5	7.2	7.2	7.7	8.1	8.0	8.0	8.0	7.2	7.0	6.7	6.5	5.8	5.6	5.4	5.4	5.0	4.8	4.8	4.4	4.8	4.6	4.4	4.2	4.2	4.2	4.2	
Calico Rock	do	18	9.6	9.6	9.1	8.3	7.1	6.5	8.3	8.9	8.2	7.9	7.7	7.0	6.8	6.2	6.1	5.9	5.6	5.3	5.0	4.9	4.9	4.7	4.5	4.6	4.7	4.5	4.2	3.3	2.8	2.4	
Batesville	do	23	18.2	17.0	16.4	16.1	14.5	14.2	14.3	15.7	15.8	14.9	15.1	14.1	13.3	12.4	11.8	11.5	10.9	10.5	10.2	9.9	9.9	9.9	9.9	8.9	9.8	9.4	8.8	8.8	8.8	8.4	
Newport	do	26	25.7	25.3	24.8	24.4	23.8	23.2	22.7	22.7	22.6	22.4	22.2	21.9	21.3	20.5	19.7	18.9	18.0	17.0	16.0	14.9	13.7	12.8	12.0	11.1	10.3	10.0	9.3	8.3	8.0	7.5	
Georgetown	do	21	27.0	26.6	26.1	25.5	25.1	24.8	24.4	24.2	24.0	23.7	23.4	23.2	22.9	22.7	22.4	22.2	22.0	21.7	21.5	21.2	20.9	20.5	20.0	19.5	19.1	18.3	17.0	16.0	14.9	13.7	
Clarendon	do	26	33.2	33.0	32.9	32.7	32.4	32.3	32.2	31.9	31.5	31.2	31.0	30.7	30.4	30.1	29.8	29.5	29.2	29.0	28.7	28.4	28.2	27.9	27.7	27.4	27.2	27.0	26.8	26.5	26.2	25.8	
Black Rock	Black	14	21.4	20.7	20.0	19.3	18.8	18.8	19.2	19.7	19.0	18.6	18.0	17.5	16.7	15.8	15.0	14.0	12.9	11.9	10.9	10.1	9.6	9.0	8.5	8.0	7.5	7.0	6.7	6.4	6.3	5.9	
Arkadelphia	Ouachita	17	8.6	8.7	8.6	8.3	8.3	15.0	14.3	12.0	9.6	10.1	10.6	9.9	8.6	8.4	8.2	8.4	8.0	8.1	8.1	9.0	12.4	12.1	13.6	12.5	10.7	9.0	9.6	10.3	9.5	10.3	
Camden	Ouachita	26	12.1	11.6	13.1	13.0	12.3	13.9	21.5	26.5	28.1	27.0	26.4	24.7	23.4	21.5	19.4	17.6	16.0	14.7	13.4	12.9	13.9	16.4	21.1	23.5	24.3	24.8	24.7	24.4	24.3	24.4	
Fulton	Red	25	15.7	14.6	14.0	14.9	14.2	13.2	12.3	11.7	11.5	11.2	10.9	10.6	10.3	9.9	9.2	8.9	8.6	8.3	7.9	7.9	10.4	12.4	14.0	14.9	15.4	15.5	16.1	18.5	19.9	21.5	
Helena	Mississippi	41	49.2	49.1	48.9	48.7	48.4	48.4	48.4	48.4	48.3	48.3	48.4	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.5	48.3	48.1	47.7	47.1	46.4	45.2	43.7	41.9	
Arkansas City	do	48	51.8	51.6	51.7	51.7	51.7	51.8	51.7	51.6	51.5	51.5	51.4	51.3	51.2	51.1	51.0	50.9	50.8	50.7	50.5	50.5	50.5	50.3	50.2	50.0	49.9	49.6	49.4	49.0	48.6	48.0	

Daily temperatures for April, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	80	81	73	74	80	78	68	64	68	65	65	54	71	77	66	65	66	84	75	57	73	78	77	80	81	74	77	81	72	73		72.6
	Minimum	55	55	48	55	60	59	45	38	46	50	49	46	36	46	53	44	52	59	57	50	53	47	52	56	63	60	58	59	59	48		51.9
Batesville	Maximum	74	73	55	67	71	62	56	56	50	57	61	53	67	75	73	61	67	80	72	60	75	76	79	81	83	79	86	84	79	70		69.4
	Minimum	46	44	42	42	55	50	42	40	43	46	41	37	30	39	45	34	51	50	53	52	51	41	44	46	52	57	55	50	57	37		45.7
Bee Branch	Maximum	73	73	59	67	71	69	70	59	59	56	56	50	66	75	74	61	63	82	76	57	73	75	75	79	81	78	76	84	80	69		69.5
	Minimum	50	54	43	47	58	57	44	38	42	46	46	44	36	42	45	38	53	55	54	51	51	45	47	51	58	60	60	52	57	39		48.8
Bentonville ***	Maximum	65	50	48	67	62	62	47	56	59	67	51	56	64	75	53	66	69	65	54	60	73	75	72	79	73	70	72	72	61	69		63.7
	Minimum	44	41	39	44	56	47	37	31	44	50	40	40	35	50	36	37	54	53	50	50	47	50	53	56	59	57	58	55	45	38		46.5
Blytheville	Maximum	67	63	52	67	63	68	56	47	52	57	59	50	61	69	62	58	67	76	68	62	69	72	78	83	85	86	78	84	76	69		66.8
	Minimum	52	51	45	49	54	55	44	39	38	48	49	44	43	43	46	36	47	53	51	53	52	42	46	53	59	60	60	58	58	42		49.0
Booneville	Maximum	73	74	69	74	72	74	66	61	60	69	69	58	70	78	76	67	69	84	82	58	75	78	77	83	78	70	78	82	72	71		72.2
	Minimum	46	54	46	49	60	59	44	37	47	52	46	44	34	45	47	39	54	58	56	52	46	46	50	57	63	59	55	55	56	41		49.9
Brinkley	Maximum	75	73	64	74	75	78	66	55	54	58	59	54	66	77	73	66	70	83	79	63	73	78	80	83	84	83	78	85	78	74		71.9
	Minimum	54	53	46	49	50	58	46	41	41	46	46	47	42	42	56	39	53	58	54	54	54	44	46	54	58	58	60	56	57	43		50.2
Calico Rock	Maximum	75	67	52	71	63	61	55	58	53	58	57	51	66	83	71	65	69	78	69	60	73	78	84	83	84	79	82	86	71	71		69.1
	Minimum	44	46	44	46	54	54	40	40	43	47	48	44	34	40	43	36	54	52	53	52	49	44	47	49	55	62	60	49	58	37		47.5
Camden	Maximum	80	83	83	74	80	77	76	58	58	60	60	60	77	74	75	68	75	82	75	72	71	75	77	80	81	74	75	81	79	73		73.8
	Minimum	54	59	50	51	63	59	50	38	46	50	53	48	..	..	..	..	60	59	60	56	52	46	48	51	59	61	58	57	61	51		53.9
Carthage	Maximum	74	80	85	74	80	78	72	60	56	60	62	55	69	78	72	69	74	84	71	59	73	77	78	83	85	74	80	84	76	73		73.2
	Minimum	55	59	60	56	60	60	47	38	46	48	52	42	38	40	53	40	47	60	57	52	51	44	46	50	59	60	59	55	51	44		51.0
Center Point	Maximum	81	84	78	75	83	75	68	64	57	67	67	58	71	75	77	66	68	83	79	65	74	76	76	80	83	78	75	81	74	72		73.7
	Minimum	50	62	49	50	63	60	44	34	46	50	48	45	34	44	52	44	54	61	59	54	50	46	50	50	68	60	58	56	58	51		51.7
Conway	Maximum	79	77	63	74	76	76	70	60	61	57	57	55	69	80	73	65	67	86	84	61	75	77	78	84	84	85	81	87	83	79		73.4
	Minimum	53	57	47	49	59	59	46	38	46	50	49	46	37	45	49	40	55	59	56	53	51	47	49	51	59	61	59	54	58	43		50.8
Corning	Maximum	67	66	53	69	63	61	51	47	50	55	55	49	67	74	68	62	70	78	71	64	71	77	80	85	86	84	80	85	76	68		67.7
	Minimum	49	49	43	47	53	50	42	38	37	44	49	43	40	43	41	34	48	50	50	52	51	43	46	50	57	60	57	58	60	39		47.4
Dardanelle	Maximum	75	71	65	72	71	74	66	60	60	58	61	57	70	80	75	65	65	84	78	60	75	78	79	84	83	77	80	85	76	71		71.8
	Minimum	50	54	47	50	59	57	44	39	47	50	48	45	41	47	51	41	55	58	56	53	51	48	51	53	63	60	58	54	57	43		51.0
Deer	Maximum	..	..	68	66	65	58	51	53	..	56	..	..	61	70	65	64	57	..	66	..	62	71	70	76	76	65	73	75	61	..		65.0
	Minimum	..	..	36	41	53	50	32	30	..	30	..	..	35	49	35	37	49	..	46	.	45	50	51	55	57	54	54	56	49	..		45.2
Dumas	Maximum	84	85	79	77	83	80	69	56	56	58	63	57	68	78	68	69	76	85	74	60	73	77	80	84	85	83	82	87	78	73		74.2
	Minimum	57	61	50	56	62	59	47	43	45	49	55	47	42	44	56	41	55	60	57	55	53	46	57	48	58	63	59	58	59	48		53.0
El Dorado	Maximum	79	85	78	79	84	81	68	62	60	62	63	60	70	78	74	70	80	81	77	67	72	79	79	83	86	78	81	85	79	75		75.2
	Minimum	55	58	54	53	67	60	50	39	47	51	54	46	40	45	55	44	57	64	60	56	53	46	49	56	61	62	57	58	61	52		53.7
England	Maximum	78	72	68	74	80	75	..	70	54	58	59	54	65	78	68	66	69	83	74	61	71	77	79	82	84	78	78	83	74	68		71.7
	Minimum	54	55	48	46	60	59	..	40	45	49	50	46	41	45	51	40	53	60	55	52	52	46	49	52	57	61	60	59	58	45		57.3
Eureka Springs	Maximum	67	59	47	70	67	58	53	58	60	67	54	54	67	76	73	67	69	68	59	60	73	77	75	81	78	70	73	74	68	71		66.4
	Minimum	45	44	39	44	55	52	35	29	41	48	41	39	37	51	33	37	53	58	48	49	47	51	52	57	61	56	58	54	52	40		46.9
Fayetteville	Maximum	66	64	49	68	69	64	59	56	57	65	62	56	65	75	70	63	66	70	61	59	72	74	72	79	77	72	72	73	69	68		66.4
	Minimum	43	46	40	45	56	54	38	31	46	50	42	39	33	48	37	36	52	58	50	49	41	47	54	59	59	57	59	53	53	36		47.0
Fort Smith***	Maximum	69	70	54	72	71	68	52	60	57	71	57	60	69	81	62	65	67	82	63	61	76	80	76	82	73	71	75	79	69	70		68 7
	Minimum	46	53	47	49	59	52	42	40	48	50	47	44	39	50	46	43	55	60	56	52	49	51	54	59	60	60	59	58	54	45		50.9
Gravette	Maximum	65	60	46	66	61	63	52	57	59	68	59	57	67	77	75	74	69	67	65	65	74	78	77	81	75	71	73	72	71	69		67.1
	Minimum	45	41	39	42	55	51	36	31	44	49	40	39	29	50	45	35	52	50	48	49	44	46	44	57	54	54	56	53	48	37		45.4
Harrison	Maximum	74	53	50	72	68	61	55	58	55	66	60	50	65	76	69	64	65	72	61	58	73	74	77	81	80	74	78	83	68	71		67.0
	Minimum	47	48	40	46	55	55	37	33	41	46	43	40	37	43	38	36	52	53	50	50	47	43	45	55	62	58	57	48	54	35		46.5
Helena	Maximum	73	82	64	71	80	73	66	52	54	58	61	52	63	72	67	63	72	81	69	61	70	73	77	82	84	84	76	83	78	70		70.4
	Minimum	54	62	48	51	58	56	46	41	40	45	52	46	39	46	47	41	52	59	55	55	53	44	49	59	62	63	59	60	56	50		51.6
Highland	Maximum	81	83	72	80	85	74	71	64	58	66	74	65	72	77	74	66	67	85	80	66	75	76	76	80	82	81	76	81	75	74		74.5
	Minimum	51	61	48	50	61	59	44	36	45	50	46	45	41	44	54	43	52	61	59	54	52	50	52	54	62	61	60	59	59	48		52.0
Hope	Maximum	84	87	72	85	85	80	70	67	59	75	64	59	73	80	73	72	78	87	79	70	70	82	82	82	90	76	80	87	80	78		76.9
	Minimum	52	61	50	51	64	58	47	37	46	51	51	45	37	49	52	42	51	62	60	55	46	47	49	52	62	60	60	56	61	48		52 1
Hot Springs	Maximum	83	86	79	77	78	78	74	65	62	59	59	53	74	79	73	69	66	87	81	59	77	81	81	84	85	80	80	85	77	75		74.9
	Minimum	55	58	45	48	61	60	45	40	45	48	48	45	40	48	53	42	54	60	56	53	50	46	52	55	62	59	59	58	57	47		51.6
Jonesboro	Maximum	70	68	56	69	74	63	53	50	49	56	59	50	65	74	68	62	67	78	73	61	72	76	80	85	84	86	78	84	78	71		68.6
	Minimum	48	50	42	46	52	53	40	37	38	43	49	45	41	46	45	37	50	53	51	53	54	46	48	52	58	60	57	57	60	45		48.5
Lead Hill	Maximum	70	61	53	72	68	60	56	58	55	64	60	49	71	78	70	67	69	74	64	62	76	82	75	77	85	78	77	81	68	72		68.4
	Minimum	49	46	41	46	53	54	37	35	41	45	44	42	30	39	37	32	53	50	50	51	41	40	43	46	58	57	50	46	54	33		44.8
Little Rock.*	Maximum	77	69	54	71	78	72	58	55	52	58	59	51	65	77	62	63	67	81	68	59	71	73	75	81	81	75	78	82	73	69		68.5
	Minimum	53	50	45	49	59	58	43	41	46	49	49	46	43	48	50	45	55	59	54	53	51	52	56	58	62	61	59	59	56	51		52 0
Lutherville	Maximum	73	67	55	70	67	70	64	59	55	56	56	54	67	78	68	61	62	85	73	59	74	76	75	81	82	71	78	79	71	68		68.5
	Minimum	47	50	43	47	55	56	41	36	44	46	45	42	39	48	45	40	52	57	53	49	48	51	51	53	61	58	56	53	55	41		48.7
Magnolia	Maximum	83	84	79	78	84	80	80	64	64	63	65	59	70	76	74	70	79	83	82	70	73	77	78	83	84	83	80	84	79	75		76.1
	Minimum	54	63	53	52	68	60	48	39	42	48	52	46	36	47	54	47	56	63	60	55	52	47	50	56	63	61	55	58	60	51		53.2
Mammoth Spring	Maximum	71	64	53	64	63	61	52	52	51	57	50	51	62	75	72	63	65	75	72	64	74	74	76	81	83	81	76	80	75	63		66.7
	Minimum	50	47	40	47	49	52	41	38	41	46	45	41	38	39	43	32	47	51	51	53	47	43	47	47	54	57	61	49	45	38		46.0
Marianna	Maximum	72	72	66	67	78	68	67	52	51	59	59	55	63	72	72	61	68	80	76	62	74	74	76	81	83	82	82	82	82	72		70.3
	Minimum	55	60	49	51	59	58	46	42	43	49	53	47	44	47	47	46	55	60	55	56	50	50	52	59	63	61	61	60	60	53		53.0
Marked Tree	Maximum	71	73	60	68	72	67	62	65	60	57	59	53	63	72	61	63	66	81	75	62	70	76	79	84	85	87	79	85	77	72		70.1
	Minimum	46	44	50	46	48	56	48	38	47	40	51	45	42	43	38	40	48	54	51	53	52	45	43	51	62	56	53	57	60	47		48.5
Marshall	Maximum	71	71	54	70	66	64	58	57	56	56	56	50	64	76	71	66	66	77	76	56	70	77	74	79	82	77	79	83	77	69		68 3
	Minimum	46	46	37	42	54	52	35	33	38	42	35	..	..	..	..	.	..	..	51	50	46	46	54	57	63	59	56	49	56	35		47.0
Mena	Maximum	77	80	67	78	79	76	67	64	54	66	59	54	72	77	69	67	67	85	76	56	72	79	77	77	78	69	79	81	67	73		71.4
	Minimum	49	58	47	49	63	58	42	38	46	51	44	42	36	49	45	39	55	60	55	52	46	46	49	60	64	57	57	58	55	43		50.4
Morrilton	Maximum	58	75	66	71	73	61	73	50	58	52	59	54	53	68	79	64	63	65	83	61	59	73	74	76	81	80	73	78	81	73		67.8
	Minimum	49	53	46	48	60	58	48	41	40	45	49	46	43	45	50	42	41	55	56	52	51	49	49	53	57	60	59	55	58	47		50.2
Mount Ida	Maximun.	81	85	69	77	81	79	69	65	59	67	65	56	71	79	70	67	65	84	77	57	73	78	77	80	82	75	80	83	74	71		73.0
	Minimum	50	50	46	49	58	59	44	36	46	49	47	45	29	38	52	34	56	56	56	53	48	39	42	56	64	59	50	52	53	36		48.4
Newport	Maximum	68	68	55	67	71	60	60	52	52	57	57	51	60	73	68	59	63	72	72	58	65	73	73	80	81	75	74	80	78	69		66 4
	Minimum	50	53	45	47	56	57	44	41	42	47	51	46	43	47	47	41	52	53	53	53	54	46	48	52	58	60	57	59	58	43		50.1
Okay	Maximum	84	85	78	77	88	86	75	65	65	69	69	62	73	79	75	70	74	86	85	70	75	77	80	82	84	83	75	82	75	77		76.8
	Minimum	49	58	49	50	66	58	45	34	47	50	49	45	31	40	50	40	52	61	58	54	50	46	47	53	64	59	55	56	59	50		50.8
Ozark	Maximum	71	71	71	71	70	71	62	64	79	60	67	59	71	81	78	65	66	86	82	62	80	78	76	82	80	73	76	80	72	70		72.5
	Minimum	53	54	53	48	58	58	42	37	48	49	48	44	35	45	46	40	55	60	57	54	48	47	51	56	64	59	56	55	56	40		50.5
Pine Bluff	Maximum	81	81	69	70	81	77	71	55	54	58	62	55	65	78	70	65	72	81	75	61	71	74	76	83	84	76	78	83	76	70		71.7
	Minimum	56	61	49	50	60	60	48	39	46	49	54	48	42	47	56	45	55	61	57	54	53	47	49	54	60	62	60	59	60	50		53 0
Pocahontas	Maximum	66	66	54	66	65	61	55	51	51	56	56	50	66	72	70	60	67	79	76	64	74	75	77	82	84	82	78	83	81	71		67.9
	Minimum	48	47	42	47	53	52	40	36	36	45	47	44	40	35	41	31	49	49	50	56	50	44	46	48	54	57	55	52	59	37		46.3
Portland	Maximum	80	89	79	79	88	81	76	57	59	59	63	59	66	76	71	69	79	80	75	64	69	74	72	82	82	82	81	84	78	74		74.2
	Minimum	59	59	55	53	64	57	54	41	45	48	54	47	42	42	55	44	55	60	61	57	54	46	50	53	58	61	59	57	60	51		53.4
Prescott	Maximum	83	84	79	77	85	81	76	64	63	69	66	63	76	79	75	71	75	85	82	71	75	79	80	85	85	82	79	85	78	75		76.9
	Minimum	52	59	49	50	65	58	47	37	46	50	51	46	40	43	55	43	52	61	60	54	51	46	49	52	61	60	56	57	59	48		51.9
Rison	Maximum	83	89	71	76	80	79	74	59	57	59	63	61	69	74	80	70	73	85	79	60	72	79	80	85	85	82	79	85	80	79		74.9
	Minimum	57	63	50	50	64	60	48	38	46	48	53	47	41	42	44	45	54	61	57	55	53	47	49	55	55	61	59	58	60	47		52.2
Searcy	Maximum	73	70	56	69	74	71	61	56	51	57	57	52	66	76	70	62	68	82	73	59	72	75	77	82	82	75	78	83	76	70		69.1
	Minimum	52	55	44	47	57	57	44	41	44	48	50	46	40	44	48	42	54	58	53	53	52	48	52	56	61	63	59	55	57	44		50 8
Stuttgart	Maximum	76	77	68	72	79	75	67	54	55	57	60	55	64	76	67	64	72	82	77	63	70	75	78	83	82	76	76	84	77	71		71.1
	Minimum	54	58	47	48	58	57	50	42	44	48	52	47	41	44	54	43	53	59	55	55	53	47	48	54	59	63	60	58	58	45		51.8
Subiaco	Maximum	72	70	65	75	69	72	62	61	56	63	61	56	71	80	71	68	68	85	79	60	77	78	78	83	82	73	75	80	72	71		71.1
	Minimum	46	55	46	49	59	58	42	38	46	48	46	45	42	45	47	41	54	58	55	53	50	48	55	56	63	59	57	54	57	43		50.5
Sunset	Maximum	64	67	50	65	68	67	56	54	50	55	56	50	65	72	67	59	58	72	62	53	70	72	68	74	68	66	72	74	61	64		63.3
	Minimum	44	47	39	42	56	53	33	29	41	44	37	35	36	50	35	39	52	56	49	46	45	54	55	59	56	54	54	57	49	44		46.3
Texarkana	Maximum	86	86	75	79	86	82	72	67	63	71	68	62	72	71	74	68	78	86	76	71	75	79	80	84	85	77	78	84	78	75		76.3
	Minimum	48	61	51	50	65	57	42	34	46	49	48	43	34	46	50	44	54	61	58	53	49	46	48	54	63	59	52	54	59	47		50.8
Thornburg	Maximum	80	72	60	74	75	75	62	59	56	57	59	50	58	78	71	66	70	84	72	58	..	80	78	..	81	84	79	81	73	72		70.2
	Minimum	50	51	44	45	54	56	42	35	43	46	45	43	31	38	49	32	51	63	53	52	..	40	52	..	55	44	50	44	53	34		46.2
Warren	Maximum	87	89	87	80	85	84	70	59	59	61	64	62	69	81	71	73	77	74	77	79	80	79	79	83	86	84	84	83	85	81		77.1
	Minimum	58	61	57	51	66	59	47	38	46	48	50	48	44	44	46	48	54	55	54	56	59	47	49	57	55	56	58	60	62	60		53.1
Wilson	Maximum	68	67	60	68	73	65	61	55	51	58	58	52	56	59	69	60	64	77	75	61	63	73	75	82	82	85	85	80	74	71		67.6
	Minimum	45	54	44	45	52	55	42	39	39	43	50	44	41	45	43	35	48	55	53	50	50	40	44	52	57	58	58	59	57	43		48.0
Wynne	Maximum	74	69	58	69	78	66	63	49	50	58	58	52	58	73	63	63	67	83	70	61	70	76	79	83	85	85	79	85	76	71		69.0
	Minimum	50	65	44	47	56	56	42	38	37	43	45	43	40	43	48	37	50	57	52	53	49	42	46	55	60	59	56	57	56	40		48.5

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. - 5-27-35-1050

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

ol. XL Little Rock, Ark., May, 1935 No. 5

GENERAL SUMMARY

This was the wettest May since 1930 and the coolest since 931. Temperatures were generally below normal from the 3d the 7th and from the 15th to the 26th, with departures exeeding 10° on the 4th, 5th, 17th, and 24th, while the warmest eather occurred about the 12th or 31st. The average temerature for the State, based on the records of 60 stations, was 6.7° which is 2.3° below the mean for the past 45 years. Of e stations with records of 10 years or more, only one, El orado in a southern border county, had a positive departure. onthly means ranged from 58.8° at Deer to 71.3° at El Doado. The highest temperature reported was 94° at Dumas nd Subiaco on the 12th and at Carthage on the 31st; the west, 35° at Dutton on the 7th. The greatest daily range as 39° at Thornburg on the 7th.

The average precipitation for the State for the 92 stations reorting was 8.86 inches which is 3.79 inches above the mean r the past 45 years. Rainfall was heavy to excessive in most ections from the 1st to the 6th, some stations in the western ortion reporting more than 7.00 inches for the period and a umber from 4.00 inches to 6.00 inches. Another period of eavy rainfall occurred from the 14th to the 20th but amounts ere not as large in many sections as from the 1st to the 6th. ocally heavy rains again fell over a large portion of the State ither the 28th or 29th, some stations reporting 2.00 inches or ore. Monthly amounts ranged from 3.05 inches at Portland a southeastern county to 16.10 inches at Conway in the central ortion. The greatest amount measured in any 24-hour period as 4.23 inches at Waldron on the 4th.

The heavy to excessive rainfall and low temperatures were nfavorable for cotton in most sections. Planting was not comleted in some northern localities even at the close of the onth and much replanting was necessary in central and orthern portions. Cultivation and chopping progressed rapidy the latter part of the month in southern counties where rainall was lightest. In the northern portion cultivation was bady needed. Corn fared better than cotton but much land has not been planted because of the continued wet weather. Stands are poor in many localities and it needs cultivation badly in northern and western portions.

T.A.M.

The heavy rains caused flood stages to be reached at most points on he rivers with losses as follows:--On the Arkansas, $27,865; on the uachita, $143,000; on the White and Black, $66,700.

TORNADOES:--Dermott, 2d, 5:45 p.m., path narrow, one killed, none njured, property damage $2,000. Mississippi County, 2d, 6:30 p.m. to :30 p.m., from sw, path 35 miles long extending from Frenchman's Bayou ne to Armorel, 3 killed, 23 injured, property damage $100,000. Little Rock, 18th, from s, path narrow, several persons received minor njuries, property damage $30,700.

WINDSTORMS:-Clarendon and vicinity, 2d, two smokestacks blown down several houses unroofed and others damaged, loss $1,000. Harrisburg and vicinity, 2d, severe windstorm, houses and barns unroofed, property damage $3,300. Southeastern part of Union County, 2d, severe windstorm, houses unroofed and damaged over a territory 15 miles long, one person killed, property damage $12,000. Melbourne, 2d, windstorm damaged two houses and demolished two barns, loss $500. Massard Prairie(5 miles se of Fort Smith), 13th, several buildings were demolished and a number of residences damaged.

KILLED BY LIGHTNING:--Pine Bluff, 2d, one. Injured by lightning, near Melbourne, 2d, five people injured when lightning struck house.

HEAVY HAIL:--Ferndale and vicinity, 10th, several hundred dollars damage to gardens, crops, and roofs of buildings.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29.94	30.32	3	29.60	2	6.6	21	se	18	..	..	..	37
Fort Smith	29.92	30.24	3	29.59	18	8.1	23	e	19	84	67	69	42
Little Rock	29.96	30.26	4	29.68	2	8.0	30	sw	18	85	64	70	55
Memphis	29.96	30.26	4	29.71	20	6.7	30	sw	2	79	66	67	66

COMPARATIVE DATA FOR MAY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	−2.0	97	36	2.78	−2.29	5.61	0.55	0.0	7	15	9	7
1892	67.8	−1.2	95	36	9.52	+4.45	15.80	3.71	0.0	13	8	11	12
1893	68.6	−0.4	94	38	9.71	+4.64	19.88	5.21	0.0	11	14	8	9
1894	70.1	+1.1	95	35	3.40	−1.67	9.41	0.38	T.	7	12	12	7
1895	69.0	0.0	97	36	3.91	−1.16	7.23	1.16	0.0	8	13	11	7
1896	74.3	+5.3	98	46	3.54	−1.53	8.35	0.76	0.0	7	15	10	6
1897	68.3	−0.7	99	33	2.13	−2.94	7.47	0.34	0.0	5	17	9	5
1898	72.1	+3.1	100	30	6.44	+1.37	14.28	1.22	0.0	7	16	9	6
1899	72.9	+3.9	96	44	6.45	+1.38	13.36	2.37	0.0	10	10	12	9
1900	69.3	+0.3	97	37	3.69	−1.38	6.06	1.92	0.0	9	12	12	7
1901	68.2	−0.8	100	31	2.95	−2.12	7.85	0.49	0.0	7	12	13	6
1902	73.2	+4.2	100	42	4.34	−0.73	8.44	1.73	0.0	8	12	12	7
1903	67.5	−1.5	96	24	7.47	+2.40	14.88	2.34	0.0	12	9	11	11
1904	67.1	−1.9	98	31	3.39	−1.68	6.08	1.39	0.0	8	13	12	6
1905	70.7	+1.7	98	38	9.58	+4.51	23.50	4.92	0.0	12	9	11	11
1906	68.8	−0.2	100	28	4.71	−0.36	10.31	0.71	0.0	8	15	8	8
1907	63.8	−5.2	91	31	9.48	+4.41	12.86	5.61	0.0	13	7	13	11
1908	70.0	+1.0	96	30	7.05	+1.98	12.54	1.76	0.0	10	8	13	10
1909	67.0	−2.0	92	28	6.76	+1.69	10.64	4.03	0.0	10	14	9	8
1910	66.0	−3.0	95	31	6.56	+1.49	10.39	4.02	0.0	11	12	10	9
1911	70.8	+1.8	101	26	1.11	−3.96	2.08	0.22	0.0	3	19	10	2
1912	69.9	+0.9	98	32	2.41	−2.66	6.16	0.50	0.0	6	15	11	5
1913	69.3	+0.3	99	35	3.32	−1.75	7.30	0.30	0.0	7	16	10	5
1914	69.5	+0.5	97	34	3.34	−1.73	6.92	1.02	0.0	6	12	13	6
1915	69.9	+0.9	101	34	5.58	+0.51	11.15	1.08	0.0	9	12	9	10
1916	71.6	+2.6	99	34	3.56	−1.51	7.76	1.02	0.0	6	18	7	6
1917	68.5	−5.5	97	31	3.15	−1.92	8.52	0.33	0.0	6	15	7	9
1918	72.2	+3.2	102	29	3.01	−3.06	10.50	0.15	0.0	4	17	8	6
1919	66.8	−2.2	96	38	6.01	+0.94	11.15	1.82	0.0	12	9	9	13
1920	70.8	+1.8	96	39	8.17	+3.10	15.32	2.12	0.0	12	11	9	11
1921	69.7	+0.7	99	29	2.25	−2.82	5.49	0.00	0.0	5	18	8	5
1922	70.8	+1.8	100	40	5.00	−0.07	12.69	1.57	0.0	11	12	10	9
1923	67.2	−1.8	98	27	8.24	+3.17	14.26	3.55	0.0	12	11	8	12
1924	64.6	−4.4	94	30	4.64	−0.43	7.86	2.44	0.0	8	15	8	8
1925	68.0	−1.0	102	26	1.88	−3.19	5.58	0.25	0.0	4	17	7	7
1926	69.7	+0.7	107	29	2.42	−2.65	6.18	0.48	0.0	5	17	8	6
1927	71.7	+2.7	97	32	6.54	+1.47	14.03	1.68	0.0	9	12	9	10
1928	69.5	+0.5	98	34	3.60	−1.47	7.35	0.99	0.0	8	17	7	7
1929	67.6	−1.4	97	30	6.21	+1.24	11.52	1.98	0.0	13	9	9	13
1930	68.8	−0.2	95	37	10.06	+4.99	18.51	3.86	0.0	12	14	7	10
1931	65.2	−3.8	96	27	3.45	−1.62	6.18	0.74	0.0	5	14	7	9
1932	69.5	+0.5	96	35	1.96	−3.11	5.01	0.28	0.0	5	16	9	6
1933	71.8	+2.8	96	41	6.27	+1.20	12.40	2.30	0.0	10	18	7	10
1934	70.3	+1.3	103	35	3.36	−1.71	5.72	1.12	0.0	7	13	8	5
1935	66.7	−2.3	94	35	8.86	+3.79	16.10	3.05	0.0	12	9	8	14
Period	69.0	......	107	24	5.07	......	23.50	0.00	T.	9	13	10	8

Daily River Stages for May, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or Van Buren	Arkansas	22	12.7	11.1	9.8	9.3	16.0	22.6	22.4	21.7	19.7	16.4	12.8	10.6	9.4	9.8	11.4	13.9	16.2	21.0	22.1	25.6	24.1	25.5	25.3	24.3	22.3	20.9	20.4	19.2	15.6	15.2	18.7
Ozark	do	22	9.9	9.0	7.3	6.3	13.0	18.3	18.4	17.8	16.3	14.2	11.5	8.9	7.1	7.4	8.2	10.4	11.8	15.6	17.5	19.8	20.2	20.0	20.9	20.2	18.7	17.2	16.5	16.4	14.2	11.7	13.7
Dardanelle	do	22	11.6	11.6	11.1	10.2	17.4	21.2	21.9	21.1	19.8	18.0	16.0	13.3	11.3	10.1	10.6	11.9	13.5	15.5	18.8	20.7	22.5	21.7	22.1	22.2	21.4	19.9	19.0	18.4	17.7	15.5	14.3
Morrilton	do	20	9.9	10.4	10.2	9.4	15.2	20.6	21.8	21.7	21.0	19.6	17.5	14.9	12.4	10.2	9.5	10.3	12.1	13.5	17.9	19.9	22.0	22.0	21.8	22.2	21.7	20.2	18.9	19.0	17.2	...	12.7
Little Rock	do	23	10.2	10.2	10.9	11.3	12.8	19.8	21.8	22.3	21.9	21.0	19.8	18.1	15.8	13.5	11.7	11.7	12.6	14.1	17.2	19.4	21.0	21.7	21.4	21.6	21.5	20.8	19.8	18.8	18.2	17.2	14.9
Pine Bluff	do	25	14.2	14.1	14.5	14.9	15.2	19.5	22.8	24.3	24.9	24.7	23.7	22.4	20.9	19.0	17.5	16.4	16.2	17.1	18.5	21.1	22.8	24.2	24.6	24.6	24.7	24.0	23.7	22.9	22.2	21.6	20.4
Danville	Petit Jean	20	16.8	14.9	17.2	20.2	25.3	29.4	26.1	23.8	22.0	19.9	17.0	14.8	12.3	8.9	7.6	18.8	21.5	21.3	21.0	21.7	21.9	19.9	18.6	14.7	10.6	7.9	7.1	6.3	6.0	13.5	13.8

Climatological Data for May, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	40	66.9	− 2.4	87	12†	46	7†	30	8.25	+3.06	2.00	0.0	10	5	14	12	s.	J. W. Campbell
Arkadelphia	Clark	250	40	....	....	....	....	....	....	....	6.68	+1.12	1.48	0.0	12	10	7	14	sw.	W. K. Bown
Arkansas City	Desha	145	51	....	....	....	....	....	....	....	3.21	−1.46	0.68	0.0	10	21	1	9	....	Herbert Neff
Arlberg	Stone	700	13	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. D. Reeves
Batesville	Independence	277	36	65.8	− 1.4	89	31	42	4	31	11.09	+6.09	2.33	0.0	15	10	10	11	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	43	66.4	− 1.9	87	12†	43	4	30	13.18	+8.05	2.90	0.0	13	4	12	15	s.	J. E. Scanlan
Bentonville	Benton	1303	30	62.5	− 2.5	87	31	42	5	32	8.76	+3.83	1.82	0.0	19	1	11	19	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	5	....	....	....	....	....	....	....	5.56	..	1.26	0.0	10	10	8	13	....	C. J. Brooks
Black Rock	Lawrence	259	34	....	....	....	....	....	....	....	9.33	+4.16	2.14	0.0	12	17	0	14	s.	Vernon C. Howe
Blytheville	Mississippi	252	10	66.5^b	− 3.7	89^a	12	45^c	4†	32^c	6.37	+2.45	1.61	0.0	12	12	10	9	s.	Samuel Norris
Booneville	Logan	465	21	67.0	− 3.0	90	12†	44	7	35	10.09	+4.67	3.10	0.0	13	4	14	13	e.	F. H. Randolph
Brinkley	Monroe	205	48	68.3	− 1.7	90	11†	46	4†	32	7.28	+2.29	1.67	0.0	10	12	5	14	ne.	R. J. Torry
Calico Rock	Izard	361	31	65.4	− 1.4	88	12†	44	4†	28	11.15	+6.43	3.00	0.0	13	7	11	13	s.	E. R. Wiseman
Camden	Ouachita	158	50	....	....	..	...	47	5	....	7.83	+3.23	2.05	0.0	10	9	7	15	se.	J. M. Knight
Carthage	Dallas	297	30	68.0	....	94	31	45	7	33	8.66	+3.59	2.97	0.0	12	6	16	9	s.	P. K. Wylie
Center Point	Howard	470	36	66.8	− 4.0	89	31	44	24	30	8.56	+2.26	2.50	0.0	12	10	6	15	s.	John C. Floyd
Clarendon	Monroe	172	31	....	....	....	....	....	....	....	7.40	+2.45	2.48	0.0	15	8	5	18	s.	J. W. Bishop
Clinton	Van Buren	516	14	....	....	....	....	....	....	....	12.04	+6.49	2.91	0.0	16	2	14	15	n.	A. L. Stephens
Conway	Faulkner	309	52	68.6	− 1.3	90	12	45	4	30	16.10	+11.03	2.68	0.0	14	13	5	13	s.	E. E. Cordrey
Corning	Clay	293	42	66.2	− 1.8	90	12†	42	4	32	8.87	+4.31	3.20	0.0	11	8	5	18	s.	Winfred D. Polk
Cotter	Baxter	408	8	....	....	....	....	....	....	....	7.39	....	1.78	0.0	11	7	10	14	....	O. B. McSpadden
Crosset	Ashley	175	23	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	G. A. Gifford
Danville	Yell	327	19	....	....	....	....	....	....	....	11.31	+6.49	2.94	0.0	12	6	11	14	....	J. M. Patterson
Dardanelle	Yell	330	49	68.0	− 1.9	92	12	46	7	31	11.43	+6.02	3.56	0.0	12	5	15	11	s.	Geo. N. Goodier
Deer	Newton	2200	2	58.8^b	....	82^b	31	39^b	4†	32^b	8.66	....	1.65	0.0	11	8^b	0^b	15^b	s.	Mrs. J. M. Essex
Dumas	Desha	162	30	70.8	− 0.4	94	12†	46	25	33	3.74	−1.55	0.89	0.0	10	12	5	14	s.	Ben Johnson
Dutton	Madison	1590	33	60.0	− 3.0	84	12	35	7	35	10.71	+4.50	2.50	0.0	16	4	15	12	s.	J. M. Ricketts
El Dorado	Union	270	35	71.3	+ 0.1	91	12†	48	7	32	4.42	−0.48	1.00	0.0	11	12	8	11	sw.	L. E. Ellis
England	Lonoke	229	28	68.2^b	− 1.8	90^b	31	46^b	7	29^b	10.28	+5.89	2.39	0.0	13	13^b	4^b	12^b	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	63.1	− 3.4	86	12†	41	4†	34	8.91	+3.14	1.75	0.0	16	7	10	14	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	63.8	− 2.5	85	12†	41	7	33	8.64	+3.13	1.78	0.0	18	3	14	14	ne.	University of Arkansas
Fort Smith	Sebastian	457	54	66.6	− 3.0	92	31	47	7	33	6.25	+1.43	2.41	0.0	14	2	10	19	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	11	....	....	....	....	....	....	....	12.28	+6.56	2.98	0.0	15	9	7	15	ne.	R. J. McCuiston
Fulton	Hempstead	260	50	....	....	....	....	....	....	....	8.36	+3.75	2.18	0.0	11	10	4	17	....	T. J. Logan
Georgetown	White	200	23	....	....	....	....	....	....	....	9.36	+4.63	1.79	0.0	12	12	4	15	....	Mrs. W. R. Owens
Grannis	Polk	900	16	65.8	− 1.2	87	30†	43	24	31	10.71	+4.30	3.11	0.0	15	11	5	15	e.	W. E. McVay
Gravette	Benton	1250	38	63.0	− 2.3	87	12†	40	6†	35	8.85	+3.29	1.97	0.0	13	3	10	18	s.	Max W. Schmidt
Harrison	Boone	1052	35	63.8	− 1.9	89	12	43	4†	37	8.53	+3.30	1.83	0.0	17	8^b	3^b	13^b	....	Louis R. Keck
Helena	Phillips	250	63	69.0	− 1.8	90	31	47	5	28	6.35	+1.65	2.13	0.0	10	7	5	19	ne.	James A. Burnett
Higden	Cleburne	445	16	....	....	....	....	....	....	....	14.24	+7.94	3.13	0.0	9	14	6	11	n.	Trumon Brown
Highland	Pike	600	16	67.6	....	88	31	46	24	32	9.20	+5.09	2.40	0.0	10	3	19	9	s.	J. O. Cooley
Hope	Hempstead	377	65	69.7	− 1.4	90	12	46	27	33	8.53	+3.32	2.57	0.0	13	11^c	4^c	13^c	ne.	N. P. O'Neal
Hot Springs	Garland	600	44	69.2	− 0.4	92	12	46	4†	35	10.58	+4.59	2.48	0.0	14	1	17	13	sw.	National Park Service
Index‡‡	Little River	275	10	....	....	....	....	....	....	....	5.85	+1.58	1.50	0.0	12	10	2	19	....	H. C. Sanderson
Jessieville	Garland	750	9	....	....	....	....	....	....	....	9.85	....	2.35	0.0	12	4	8	19	sw.	U. S. Forest Service
Jonesboro	Craighead	345	40	67.6	− 1.9	90	12†	44	4†	33	5.98	−1.72	1.70	0.0	13	7	13	11	ne.	Benedictine Sisters
Lead Hill	Boone	650	29	63.4	− 4.4	88	12†	41	7	33	6.72	+1.07	1.62	0.0	16	9	8	14	e	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	67.0	− 3.3	88	31	45	4	25	10.34	+5.56	3.94	0.0	13	3	10	18	s.	U. S. Weather Bureau
Lutherville‡‡	Johnson	775	36	65.6	− 2.4	90	12	45	4†	30	14.44	+9.29	3.94	0.0	16	9	6	16	ne.	H. G. Lenhardt
Madison	St. Francis	209	5	....	....	....	....	....	....	....	7.11	....	1.83	0.0	14	8	1	22	....	J. W. Eppes
Magnolia	Columbia	315	19	70.6	− 0.7	90	10	50	5†	32	6.44	+1.29	2.90	0.0	9	5	12	14	s.	State Agri. School
Malvern	Hot Springs	277	49	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	W. J. Keith
Mammoth Spring	Fulton	600	31	64.0	− 1.0	85	12†	43	4	35	10.23	+5.65	2.41	0.0	13	6	10	15	se.	S. F. Whittaker
Marianna	Lee	235	24	69.4	− 0.8	88	12†	47	5†	29	5.61	+1.18	2.45	0.0	8	11	14	6	s.	C. N. Houck
Marked Tree	Poinsett	229	31	67.7	− 1.3	92	31	46	4†	34	6.64	+1.67	1.47	0.0	10	8	15	8	n.	Charles Walton
Marshall	Searcy	1070	21	64.6	− 2.6	87	12†	40	6	31	10.70	+3.79	2.60	0.0	16	8	8	15	s.	A. J. Parks
Mena	Polk	1207	47	65.6	− 3.0	88	12†	45	7†	34	12.30	+5.90	3.38	0.0	14	11	4	16	sw.	E. W. St. John
Morrilton	Conway	347	16	66.8^b	− 2.2	89^b	31	46^c	1†	28^c	10.90	+6.25	2.80	0.0	12	9^a	8^a	13^a	se.	Hugh B. Wear
Mountain Home	Baxter	800	23	63.9^a	− 2.1	88	12	42^a	4	31^a	8.58	+2.93	1.40	0.0	15	6	4	21	s.	B. S. Halbert
Mount Ida	Montgomery	650	36	65.4	− 2.8	88	12†	43	25	38	11.62	+5.73	2.99	0.0	12	10	6	15	se.	G. A. Whittington
Newport	Jackson	231	52	66.1	− 3.9	88	12	45	4†	28	6.51	+2.16	1.08	0.0	11	7	10	14	n.	J. D. Henderson
Norman	Montgomery	750	7	....	....	....	....	....	....	....	11.11	....	2.39	0.0	13	13	1	17	....	U. S. Forest Service
Oden	Montgomery	800	9	....	....	....	....	....	....	....	10.60	....	2.14	0.0	13	3	8	20	s.	U. S. Forest Service
Okay	Howard	288	7	67.4	....	89	31	46	7	34	9.11	....	2.75	0.0	11	12	7	12	s.	Charles R. Jackson
Osceola	Mississippi	240	39	69.1^a	− 0.1	92^a	31	45^a	4	32^a	5.60	+0.39	1.90	0.0	9	9	6	16	s.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	67.6	− 2.2	93	12	45	7	31	10.11	+4.62	3.96	0.0	16	8	5	18	e.	Orkney O. Milton
Paragould	Greene	301	12	....	....	....	....	....	....	....	6.99	+2.19	1.67	0.0	9	6	13	12	e.	W. R. Heagler
Parkin	Cross	222	5	....	....	....	....	....	....	....	6.17	....	1.20	0.0	9	7	4	20	....	Carroll King
Patterson	Woodruff	196	19	....	....	....	....	....	....	....	7.91	+2.99	2.22	0.0	9	13	11	7	sw.	W. E. Baker
Piggott	Clay	307	11	....	....	....	....	....	....	....	7.41	+3.37	1.50	0.0	11	11	7	13	sw.	V. C. Wright
Pine Bluff	Jefferson	215	48	69.2	− 2.2	88	12	48	5	27	6.29	+1.59	1.95	0.0	9	6	14	11	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	42	65.4	− 3.0	89	31	40	4	32	9.89	+5.04	2.32	0.0	12	7	2	22	n.	Benedictine Sisters
Portland	Ashley	122	29	70.8	− 0.8	92	12	48	7	30	3.05	−2.75	0.82	0.0	8	10	11	10	s.	W. E. Edmiston
Prescott	Nevada	329	47	69.4	− 1.0	90	12†	47	7	34	7.12	+2.09	1.69	0.0	13	4	10	17	s.	Craig Williams
Quitman	Cleburne	480	1	....	....	....	....	....	....	....	13.05	....	2.25	0.0	11	13	2	16	s.	G. M. Hooten
Rison	Cleveland	243	35	69.0	− 1.9	91	31	47	1	33	5.68	+1.61	2.00	0.0	7	14	5	12	s.	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	45	63.9	− 1.9	89	12	42	5†	33	7.59	+2.20	1.83	0.0	10	8	6	17	sw.	Carl A. Starck
Rosebud‡‡	Faulkner	....	1	....	....	....	....	....	....	....	11.48	....	1.48	0.0	13	7	12	12	s.	Miss Clarice Maddox
St. Francis	Clay	290	8	....	....	....	....	....	....	....	7.16	....	1.54	0.0	10	16	5	10	....	S. T. Rooney
Searcy	White	236	25	67.0	− 1.6	88	31	44	4	26	9.66	+5.12	1.97	0.0	15	13	3	15	ne.	Arthur D. Smith
Springbank	Miller	240	26	....	....	....	....	....	....	....	9.36	+4.69	2.30	0.0	10	9	4	18	....	Henry Field
Story	Montgomery	700	11	....	....	....	....	....	....	....	10.70	+5.63	2.73	0.0	10	9	5	17	s.	S. C. Story
Stuttgart	Arkansas	209	48	68.9	− 0.9	92	31	47	5†	30	9.15	+4.35	2.03	0.0	10	12	7	12	s.	Mrs. Kress Swim
Subiaco	Logan	1050	38	67.4	− 2.6	94	12	46	4†	32	10.05	+4.66	2.86	0.0	15	8	9	14	se.	New Subiaco Abbey
Sunset	Washington	2250	4	61.4	....	82	12	41	5†	24	7.91	....	1.92	0.0	19	4	14	13	sw.	Walter James
Texarkana	Miller	332	50	68.2^b	− 3.4	89^c	31	45	7	35^c	6.59	+2.12	2.20	0.0	9	11	7	13	s.	H. S. Brashear
Thornburg	Perry	650	15	65.1^a	− 2.3	88^a	31	37^a	7	39^a	13.90	+8.18	3.49	0.0	15	6^a	12^a	12^a	s.	Edward E. Holmes
Waldron	Scott	675	16	....	....	....	....	....	....	....	14.43	+8.95	4.23	0.0	11	4	9	18	se.	Dr. Cheves Bevill
Warren	Bradley	206	41	70.8	− 0.4	92	30	48	5†	33	5.38	+0.66	1.50	0.0	9	17	8	6	sw.	Miss Sue Hoyle
Waters	Montgomery	800	11	....	....	....	....	....	....	....	12.02	+6.75	2.80	0.0	13	5	9	17	sw.	J. R. Huddleston
Whitecliffs	Little River	290	29	....	....	....	....	....	....	....	9.73	+4.95	2.55	0.0	11	12	6	13	....	William W. Davis
Wilson	Mississippi	237	10	67.4	− 2.0	89	13	43	4†	38	7.06	+2.06	....	0.0	11	16	4	11	s.	D. O. Anderson
Wooley Hollow‡‡	Faulkner	....	1	....	....	....	....	....	....	....	13.73	....	2.66	0.0	14	13	7	11	s.	Ross Shumate
Wynne	Cross	250	27	67.2	− 2.4	91	13	43	4†	31	6.59	+1.79	1.54	0.0	9	7	13	6	n.	R. T. Cobb
Yancopin	Desha	167	11	....	....	....	....	....	....	....	3.19	−1.45	0.74	0.0	11	6	4	21	....	W. E. Barton
State Means				66.7	−2.3	94	12†	35	7	39	8.86	+3.79	4.23	0.0	12	9	8	14	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for May, 1935

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		1.66		.81	2.00										1.27		.44	.60	.27	.43									.61		.16	8.25
Arkadelphia	Ouachita			1.48	.23	1.32	.87									.29	.51		.53	.21	.40	.01								.50	.33		6.68
Arkansas City	Mississippi			.51	.05	.20	.56	.58									T.			.68	.43	.10								.05	.05		3.21
Arlberg	White																																
Batesville	White		.02	.84	1.19	2.33	90	.31			.21				1.06		.33		.03	1.20	.90	.06	T.	.13						1.58			11.09
Bee Branch	Arkansas		1.15	.38	2.70	2.90	.12								.34	1.63		.05	.16	1.00	.95								.10	1.70			13.18
Bentonville***	Arkansas		.11	.23	1.82	.06	.02			.12	1.44			.63	.55	.17	T.	.04	1.59	.05	T	.03	.02				.25		1.41	.18		.04	8.76
Big Lake Outlet	St. Francis			1.26	.12	.75	.77	T.								.34	.09			1.24	.32	T.	T.	.06						.61	T		5.56
Black Rock	White			1.13	.93	2.14	.65				.03				1.16	.05	.16			.82	1.32			.11						.83			9.33
Blytheville	St Francis			1.61	.09	1.40	.67	.13								.02	.05			.64	.66	.01		.71						38			6.37
Booneville	Arkansas		.65		3.10	1.70	.12				.48				T.	1.28		.23	.13	47	.16	T.					.03			1.41		.33	10.09
Brinkley	White			1.14		1.38	1.69									.06	1.07			.54	.37			.08						.80	.15		7.28
Calico Rock	White		.66	.77	.46	3.00	.53				.43	T.			1.78		.26			.96	.84	.13		.18				T.		1.15			11.15
Camden	Ouachita			2.05	.07	1.75	1.70									.02	.09		.22	.72	.44										.77		7.83
Carthage	Ouachita		2.35			2.97	.07				.08					.15		.45	67	.62	.16	.04							T.	90		.20	8.66
Center Point	Red		2.03		.72	2.50	.03								.15	.29		.58	.38	.59	.31									.81		.17	8.56
Clarendon	White			1.05	.01	1 33	2.48	.02								.35	.42		.08	.33	.44	.10		.11	.01					.45	.22		7.40
Clinton	White	.25		.90	2.91	2.74					.07			.05	.31	.61		.10	1.06	.64	.25		.01				T.		.13	1.85		.16	12.04
Conway	Arkansas		1.69	.35	2.60	2.68	.14								06	2.19	.06	.36	2.42	1.48	.36									1.08		.63	16.10
Corning	White		T	1.07	.30	3.20	.50				.07				.35	.07	.08		T.	.85	1 23									1.15			8.87
Cotter	White		.46	.49	.36	1.78	.50								1.33		T.		.44	.31	.42		.10							1.20			7.39
Crossett	Ouachita																			1.05	1.30										.47		
Danville	Arkansas		.08	.90	2.10	2.94	.94					.05				.28	1.75		.40	.22	.95									.70			11.31
Dardanelle	Arkansas		.18	1 08	1.65	3.56	1.15				T.	.15				.23	1.03		.22	47	.51								T.	1.20			11.43
Deer	White	1.00	1.30		1 51	.50	.15			.62	.16				1.24				.03		.50									1.65			8.66
Dumas	Mississippi		.66	.28	.05	.89	.02							T.		T.	T.	T.	.67	.56	T.									.34	.02	.25	3.74
Dutton	White	.11	.36	.01	1.55	1.23	.05				T.				2.50	.49		.12	.18	.97	.15	T.	T.				.44		.15	2.36		.12	10.79
El Dorado	Ouachita			1.00	.06	.52	.43	01									.71	01	.03	.31	.81	T.	T.								.53		4.42
England	Arkansas		2.08	.07	.03	2.38	.07				T.				.08	2.39		.28	1.06	.20	19		T.							.73		.72	10.28
Eureka Springs	White				1.20	1.46	.17			.15	.27				1.01	.12	.03		.32	1.04	.10	.72	.22	.10			.25			1.75			8.91
Fayetteville	White	T.	.03		1.76	1.07	.06	.01		.04	T.				1.78	.23	01	.03	.21	1.04	.03	T.	.02	.03			.76		T.	1.44	.06		8.64
Fort Smith***	Arkansas	T.	.14	.07	2.41	.30	.02			T.	.11			1.41	.16	.83		.22	.12	.16	T.	T.		T.		T	.20		T.	.10		T.	6.25
Freeman Sprgs.	Arkansas		.14	1.34	1.37	2.98	73				.94	.30			.38	.33	.48		.07	.66	.86	33	T.							1.37			12.28
Fulton	Red		T.	1.20	.70	2.18	.48	T.				.22				.03	.05	T.	.42	.50	.95									T.	1.63		8.36
Georgetown	White		T.	1.79	.32	1.47	1.24	.02							T.	.32	.93		.28	1.48	.25	T.								1.24	.02		9.36
Grannis	Red	.01	1.89	.02	1.46	3.11	.02				.26				.43	.70		.25	.40	.72	.06					T.				1.44		.03	10.71
Gravette	Arkansas		.05		1.28	.45	.05				.22				1.72	.15			.32	1.97		.16					.18			1.87		.43	8.85
Harrison	White		.21		1.04	1.20	.18			.05	.05				1.83	.25		.15	.68	.40	.27	.17		.40			.14			1.47		.04	8.53
Helena	Mississippi			.57		.63	.74	.42												1.38	2.13	.10		.15						.20		.03	6.35
Higden	White		1.58		3.13	2.45										.96			1 02	1.65									.18	2.00		1.27	14.24
Highland	Ouachita		1.80		1.40	2.40	.25									95		.45	.40	.25	.70									.60			9.20
Hope	Red	1.13			.13	1.70						.05			.05	.10		.53	.47	78	.33							.16		2.57		.53	8.53
Hot Springs	Ouachita		1.72	17	.67	2.48	.05									.77	.01	.25	.18	.73	.70									1.52	.01	1 32	10.58
Index	Red		.01	1.26	.60		.18								.03	.02	.09		.32	.62	1.50									.02	1.20		5.85
Jessieville	Ouachita		*	2.35	*	*	2.70								*	*	1.50		*	*	1.80									1.50			9 85
Jonesboro	White			1.70	.39	.77	.75	.01							.07	.20	.15	T.		.53	.48	.04		.08						.81	T.		5.98
Lead Hill	White		.23		1.23	.83	.26			T.	.75				.59	.20	T.		.20	.28	.09	.02	.02	.15			.02			1 62		.28	6.72
Little Rock***	Arkansas	T.	.68	.03	1.42	2.05	T.				T			T.	3.24	.71	T.	.13	.35	.19	.04	T.	T.						.11	1.22	T.	.17	10.34
Lutherville	Arkansas	.02	1 33	.03	3.30	3.94	.34				.39				.03	.94		.12	.84	.28	.71						.08		.08	2.06			14.44
Madison	St. Francis			.83	.02	.63	1.83	.02								.13	83		.11	1.45	.54	.10		.05						.55	.02		7.11
Magnolia	Red		1.03		.19	2.90										.10		.10	.78	.34										50		50	6.44
Malvern	Ouachita																																
Mammoth Spg	White		1.46	.90	.50	2.41	.62				.38				.80		.37			1.10	.65	.14						.07		.83			10.23
Marianna	St. Francis			.78	.28	2.45										.21				.81	.61			.05						.42			5.61
Marked Tree	St. Francis			1.47	.13	1.10	.97									.38	.45			.89	51	17								.57			6.64
Marshall	White		.63	.04	1.50	2.60	.32			.06	.16		.02		1.05	.43			.70	.50	.85	.08	.06							1.70			10.70
Mena	Ouachita		.02	1.27	1.57	3.38	.79	T.				1.14			T.	1.05	1.02	.03	.39	.35	1.01									.06	.22	T.	12.30
Morrilton	Arkansas		.03	1.58	.98	2.80	.80					.07				.35	1.42		.38	.63	.88									.98			10.90
Mountain Home	White	T.	.80	.04	1.20	1.40				.05	.20				1.25	.27			.25	.85	.76		.02	.12			T.			1.05		.32	8.58
Mount Ida	Ouachita		1.69		2.99	2.82					.06				.37	1.30	.05	.20	.24	.57	.48									.85			11.62
Newport	White			1.08	.54	1.04	.97								.39	.21	.42			.60	.32									.87	.07		6.51
Norman	Ouachita		.16	1.75	1.67	2.39	.48					.10				1.20	.96		.15	.44	.92									.28	.61		11.11
Oden	Ouachita		.10	1.61	2.14	2.00	.46					.11				1.42	.83		.16	.23	1.13									.09	.32	T.	10.60
Okay	Red		1.64		.32	1.52	.03								T.	.74		.33	.52	.71	.53									2.75	.02		9.11
Osceola	Mississippi			1.90	.25	.85	.25									.42	.18			.75	.50									.50			5.60
Ozark	Arkansas		.10	.38	.80	3.96	.83	.03			T.	.29			.98	.07	.95		.29	.23	.50		.03				T.	15		.52			10.11
Paragould	St. Francis		T.	1.62	.10	1.67	.56										.10			.76	.68		.65							.85			6.99
Parkin	St. Francis			1.20	15	.73	1.20									.64	.55			.95	.30									.45			6.17
Patterson	White			1.82	.32	2.22	.20									.56	.43	.17		1.32										.87			7.91
Piggott	St. Francis		.21	1.05	.90	1.50	.12			.50					.16	.04				.90	1.05									.98			7.41
Pine Bluff	Arkansas			1.95	.03	1.03	1.76	T				T.				T	T.		.15	.22	.48			T.						.45	.22		6.29
Pocahontas	White		.48	.72	2.32	1.78				.82				.24	.57	.14				1.03	1.48								.10	.71			9.89
Portland	Ouachita			.65	.02		.48	57									.23			.15	.82										.13		3.05
Prescott	Ouachita			.96	.19	1.55	.23					.03				.06	.04	.02	.81	.33	.77									44	1.69		7.12
Quitman	Arkansas		*	2.00	2.25	2.00										.43	2.00	.15	1.09	1.09	T.								*	2.04			13.05
Rison	Ouachita			1.02		2.00	.82												.11	.10	1.18										.45		5.68
Rogers (near)	White				1.83	.72				.05					1.56	.17		T.	04	1.34	T.	.03					.51			1.34			7.59
Rosebud	Arkansas		1.48	1.28	.95	1.12	1.00								.50	.82	T.	.48	1.20	.60									20	.60		1.25	11.48
St. Francis	St. Francis	T	T.	1.26	.19	1.54	.51				.80				.14	.10	T.		T.	.51	1.07	T.	T.							1.04			7.16
Searcy	White		1.69	.25	.90	1.97	.02							.09	.10	.91		.13	.46	.70	.44	.19	.01						T.	1.80			9.66
Springbank	White		T.	1.60	.48	2.30	.52					.78				T.	.50	T.	.10	.80	1.00										1.28		9.36
Story	Ouachita		1 46		2.60	2.73	.55					.09				.79	.98		T.	.48	.79										T.	.28	10.70
Stuttgart	Arkansas			1.27		1.80	2.03									1.30	.12		.07	1.10	.70									.58	.18		9.15
Subiaco	Arkansas		.75		2.75	2.86	.04				.13				T.	1.00		.25	.13	.37	.02	.13				T.	.03		.01	1.42		.16	10.05
Sunset	Arkansas		.29		1.92	.68	.03			.02	T.	.16			1 25	.40	T.	.10	.17	.82	.02	.01	.02				.52		.02	1.36	.01	.11	7.91
Texarkana	Red			1.30	.20	2.20	.10										.27	T.	.40	.70	1.02										.40		6.59
Thornburg	Arkansas	T.	1.82	.33	2.47	2.50	.11				.38				T.	3.49	.03	.39	.35	.65	.20		.01						T.	1.11		.06	13.90
Waldron	Arkansas		1.76		4.23	2 62					.66				.30	2.16		1.96		.34		.12					T.				.16	.12	14.43
Warren	Ouachita		1.50	T.	.75	.85					.33					.15		.10	.65	.45	T.		T.							.60			5.38
Waters	Ouachita		*	2.14	2.48	*	2.80					.40				*	2.14		.34	.49	.68									*	.55		12.02
Whitecliffs	Red				.33	2.50	.54									.98	.20	.05	.40	.63	1.00									.55	2.55		9.73
Wilson	Mississippi			1.90	.25	.88	.92	.18								.40	.35			.90	.60	.05								.63			7.06
Wooley Hollow	Arkansas		2.20	1.35	2.66	.38	T.								.20	1.50	50	.34	.56	1.02	.32		T.						1.24	1.11	T.	.35	13.73
Wynne	St. Francis			1.28	.34	.61	1.54	T									.72		T.	.75	.56	.27								.52	T.		6.59
Yancopin	Arkansas			.59	.02	.35	.67	.02							.19				T.	.45	74	.01								.10	.05		3.19

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	4.4	4.7	4.3	4.3	5.6	7.2	7 2	11.0	10.1	8.1	7.4	7.1	6.6	7.6	6.7	7.0	10.8	9.3	7.3	7.1	9.1	10.0	10.3	9.1	7.9	7.1	6.7	6.0	5.8	7.1	8.9
Calico Rock	do	18	2 4	3.0	4.0	3.7	14.5	16.5	10.9	12.0	11.0	8.5	8.6	8.6	7.0	7.2	10.1	7.6	9.1	9.6	7.3	8.6	9.6	10.1	10.0	9.0	7 5	6.3	5.7	5.9	5.5	7.6	8.3
Batesville	do	23	7 8	8.3	10.6	10.3	22.8	27.3	22.5	18.5	19.8	17.4	15.5	14.9	13.8	13.3	15.8	16.5	14.4	17.1	16.8	16 8	17.6	17.6	17.7	17.1	15.5	13.7	12.5	11.5	12.2	12.2	15.0
Newport	do	26	7.0	6.3	6.9	9.1	16.4	23.3	26.1	26.5	26.5	26.3	25.7	24.7	23.7	22.8	22.4	22.6	22.2	21.9	22.1	21.9	22.4	22.5	22.7	22.8	22.5	21.6	20.6	19.6	18.5	18.3	18.5
Georgetown	do	21	12.8	11.9	11.2	12.4	14 6	19.2	21.0	22.5	23.4	23.9	24.1	24.1	24.0	23.8	23.6	23.3	23.1	22.9	22.8	22.7	22.8	23.1	23.1	22.9	22.8	22.6	22.5	22.3	22.1	22.0	21.9
Clarendon	do	26	25.3	24.8	24.5	24.1	23.8	24.3	24.5	24.8	25.3	25.9	26.6	27.2	27.8	28.3	28.7	29.0	29.0	29.0	29.0	28.9	28.7	28.6	28.5	28.5	28.5	28.4	28.4	28.3	28.3	28.2	28.0
Black Rock	Black	14	5.5	5.2	7.0	7.9	17.2	22.9	22.1	20.7	19.4	18.9	18.7	17.9	17.3	17.4	17.3	16.5	15.6	14.7	14.3	16 1	17.7	17.7	17.4	16.9	16.3	15.7	14.9	14.0	13.7	14.0	13.5
Arkadelphia	Ouachita	17	8.6	8.4	14.1	17.2	24.0	27 0	25.2	21.4	14.7	11.7	11.2	8.7	7.5	8.3	8.3	10.1	13 0	12.8	12.6	11.2	14.6	13.2	10.9	9.0	8.4	8.2	6.2	7.8	8.2	8.8	7.9
Camden	Ouachita	26	24.4	23 8	23.0	23.3	26.2	29.3	31 8	35.6	39.0	39.0	37.7	35.8	33.9	31.9	29.2	26.7	24.3	23.2	23.8	24.2	24.4	25.0	25.9	26.1	24.8	22.8	19.5	16.1	14 1	15.0	17.9
Fulton	Red	25	22.8	23.2	22.8	22.4	22.6	26.8	28 2	30.3	32.0	33.4	33.6	32.9	32 0	31.0	30 0	28.3	28.5	29.5	30.2	30.8	31.4	32.0	32.7	33.4	33.9	34.1	33.7	32.2	29.7	28.0	27.7
Helena	Mississippi	41	39.6	36.9	34.3	31.7	29.2	27.1	26.9	27.8	29.7	32.0	33.9	35.2	36.3	37.1	37.7	38.3	38.8	39.0	39.6	40.2	40.7	41 2	41.6	42.0	42.4	42.7	43 0	43.5	43.8	44.2	44.5
Arkansas City	do	48	47.2	46.2	45.0	43.5	41.8	40.0	38.5	37.8	37.6	37.9	38.5	39.1	39.6	40.1	40.3	40.6	40.6	40 8	41.1	41.5	41.9	42.3	42.8	43.4	44.0	44.6	45.1	45.5	45.9	46.2	46.5

Daily temperatures for May, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	76	74	63	60	55	65	76	81	83	72	85	87	82	83	73	71	67	72	73	81	74	79	76	69	75	79	83	80	73	83	87	75.4
	Minimum	57	63	59	48	48	52	46	58	62	60	60	67	68	69	58	58	57	57	64	61	58	58	55	46	50	56	63	64	61	61	65	58.4
Batesville	Maximum	76	76	66	59	53	68	72	81	84	76	84	86	85	86	79	71	67	73	80	82	73	74	73	71	73	76	81	81	76	88	89	76.1
	Minimum	48	64	57	42	44	52	45	52	62	55	57	64	63	64	54	58	55	57	62	62	53	56	51	45	43	45	54	69	62	59	62	55.4
Bee Branch	Maximum	69	73	67	64	55	67	73	80	82	80	84	87	87	85	84	70	68	70	80	80	79	74	75	72	75	73	82	83	75	84	87	76.3
	Minimum	52	63	57	43	44	52	45	52	58	62	61	63	64	66	54	56	56	58	61	60	54	57	72	45	48	51	54	66	51	60	66	56.5
Bentonville ***	Maximum	70	75	60	45	49	57	75	82	69	75	81	87	82	72	58	63	63	65	76	77	62	71	62	68	72	66	79	79	76	81	87	70.5
	Minimum	55	60	44	43	42	48	43	58	59	58	57	65	65	58	53	53	54	54	57	57	53	53	47	45	48	55	58	61	60	60	67	54.5
Blytheville	Maximum	82	81	75	58	56	64	73	80	85	78	87	89	85	84	70	71	71	75	86	77	68	73	76	70	74	75	81	86	..	80	81	76.4
	Minimum	50	73	58	45	45	55	52	53	58	60	61	66	67	69	53	52	53	58	62	63	54	50	55	46	45	48	63	70	..	..	..	56.6
Booneville	Maximum	78	71	65	59	53	60	79	85	84	77	85	90	85	82	74	70	66	72	75	80	77	77	74	70	73	77	85	82	80	85	90	76.1
	Minimum	60	64	55	48	47	52	44	59	60	62	59	62	64	72	58	59	55	56	56	60	56	60	55	47	51	56	59	70	61	61	66	57.9
Brinkley	Maximum	81	78	75	67	57	61	78	84	87	81	90	90	88	87	80	71	68	69	86	83	78	78	79	71	76	81	86	87	78	90	90	79.2
	Minimum	51	71	59	46	46	56	47	55	59	60	61	64	66	68	54	59	57	56	58	64	55	54	59	47	46	49	57	65	62	61	67	57.4
Calico Rock	Maximum	73	75	64	54	53	69	71	83	83	76	85	88	83	82	66	67	65	68	81	81	66	70	71	72	75	73	83	79	76	87	88	74.4
	Minimum	50	64	54	44	44	52	46	56	62	57	59	62	64	65	54	59	56	59	60	61	53	58	55	49	48	49	55	71	62	59	65	56.5
Carthage	Maximum	79	76	72	66	58	62	78	84	85	81	86	90	87	88	79	75	75	79	82	83	77	80	80	73	75	81	85	86	72	88	94	79.2
	Minimum	51	62	59	48	47	54	45	54	54	60	58	62	60	63	58	57	57	56	60	64	59	58	56	46	48	54	55	63	62	61	66	56.7
Center Point	Maximum	76	75	67	60	59	65	77	81	83	75	84	86	83	80	67	72	70	72	74	80	77	77	77	70	75	80	82	82	78	81	89	75.9
	Minimum	58	63	58	48	48	50	47	57	60	60	64	65	65	64	60	59	59	57	62	58	55	55	55	44	50	56	60	65	62	60	65	57.7
Conway	Maximum	75	75	72	70	55	68	76	84	87	81	87	90	88	89	80	72	73	75	80	83	78	78	79	77	76	80	86	87	82	89	89	79.4
	Minimum	54	64	58	45	46	53	46	56	60	62	61	63	61	69	57	58	58	57	63	62	58	59	54	47	48	53	59	67	62	62	68	57.7
Corning	Maximum	77	76	68	67	57	64	75	83	88	78	89	90	88	78	70	70	66	72	87	75	68	75	76	65	76	78	86	77	76	86	90	76.5
	Minimum	46	64	60	42	43	52	50	53	61	60	60	65	67	65	52	56	51	56	59	62	53	50	55	48	44	49	56	67	62	61	66	56.0
Dardanelle	Maximum	73	74	67	62	53	65	77	86	85	80	87	92	88	85	77	75	71	70	79	82	79	76	76	72	75	78	86	81	80	86	89	77.6
	Minimum	57	64	59	47	47	52	46	56	60	63	59	63	66	71	57	59	58	58	64	61	58	60	56	49	51	55	59	68	62	62	67	58.5
Dumas	Maximum	82	81	77	71	62	63	80	86	89	83	93	94	91	88	79	75	72	82	88	85	83	82	82	73	77	86	90	91	84	93	94	82.5
	Minimum	50	64	59	51	49	57	47	56	58	62	61	65	67	67	63	62	60	60	66	65	61	57	57	50	46	55	57	65	63	64	69	59.1
Dutton	Maximum	67	69	62	49	58	54	70	79	77	72	80	84	81	77	70	62	60	65	78	76	64	69	67	68	69	63	78	72	72	80	83	70.2
	Minimum	52	58	44	41	40	46	35	49	53	51	51	58	56	56	53	53	49	50	50	53	50	51	43	42	37	46	50	62	55	52	56	49.7
El Dorado	Maximum	83	85	74	70	70	69	80	86	89	85	89	91	89	87	82	73	75	80	81	84	82	82	81	77	77	82	86	88	83	89	91	81.9
	Minimum	69	64	59	55	51	56	48	58	57	65	64	66	68	68	61	61	61	62	65	65	62	59	57	51	50	58	59	62	67	65	68	60.7
England	Maximum	77	78	72	66	58	64	75	82	..	85	87	88	87	87	70	73	69	79	82	80	78	71	..	75	75	80	85	84	79	87	90	78.0
	Minimum	53	62	60	47	47	54	46	56	..	58	61	65	66	70	55	58	60	58	66	65	59	59	..	48	50	52	57	66	62	64	68	58.3
Eureka Springs	Maximum	72	73	62	50	48	58	77	84	78	75	82	86	82	74	65	63	60	63	78	76	66	69	66	68	77	67	79	79	76	83	86	71.7
	Minimum	56	62	46	41	41	47	43	57	60	59	55	64	65	61	51	54	53	53	56	57	50	53	50	45	49	54	57	68	58	61	65	54.5
Fayetteville	Maximum	72	73	66	51	51	55	74	81	77	75	80	85	83	77	68	63	63	67	76	75	72	70	70	68	72	69	78	78	78	81	85	72.0
	Minimum	58	66	48	43	42	48	41	61	59	60	58	67	64	62	54	53	54	54	57	57	54	56	52	45	49	54	57	68	60	61	64	55.7
Fort Smith***	Maximum	78	75	63	52	56	59	80	87	83	70	88	90	86	79	65	65	61	70	78	76	71	75	70	71	74	68	85	84	75	85	92	74.5
	Minimum	58	62	49	48	48	51	47	60	65	62	60	67	65	66	59	59	56	57	60	62	59	60	51	49	56	57	60	71	63	62	70	58.7
Gravette	Maximum	72	71	73	51	53	60	75	82	77	75	81	87	81	74	72	64	64	66	78	77	76	72	71	68	70	74	77	81	78	84	87	73.3
	Minimum	56	55	45	41	41	40	40	58	59	58	56	64	63	61	52	50	55	53	57	55	52	50	49	44	46	48	52	57	59	60	60	52.8
Harrison	Maximum	74	72	65	52	51	65	74	84	76	74	84	89	86	78	69	64	63	61	79	77	67	72	69	71	74	72	82	77	77	86	86	73.2
	Minimum	56	64	49	43	43	48	51	57	60	59	58	59	64	62	52	54	55	54	59	59	51	55	51	46	45	48	45	65	58	57	63	54.5
Helena	Maximum	82	81	82	66	61	64	73	80	84	83	88	89	88	85	79	72	70	82	85	79	75	76	76	70	73	78	83	85	84	87	90	79.0
	Minimum	54	63	61	49	47	57	50	57	63	62	63	68	70	69	57	60	56	60	63	63	56	52	57	49	48	52	61	67	63	63	68	59.0
Highland	Maximum	75	77	75	70	62	67	76	82	85	77	85	85	84	82	69	72	69	71	73	80	84	79	81	72	75	82	84	81	82	84	88	77.7
	Minimum	57	62	57	48	48	51	48	56	56	62	60	64	67	65	59	58	58	56	65	59	58	56	58	46	52	53	52	65	62	60	68	57.6
Hope	Maximum	84	77	75	71	68	66	83	88	88	89	89	90	89	83	84	80	73	75	79	88	85	83	73	78	80	83	78	79	76	80	86	80.6
	Minimum	58	63	60	50	52	54	57	56	60	65	63	64	67	65	62	56	59	59	62	64	60	56	66	50	47	56	46	59	62	62	62	58.8
Hot Springs	Maximum	75	74	72	64	55	68	81	87	89	79	90	92	89	88	86	78	72	75	76	84	85	79	80	71	78	86	89	82	79	89	91	80.1
	Minimum	57	63	59	46	46	52	46	59	65	61	72	67	66	64	56	57	56	56	63	61	58	58	59	47	48	54	61	62	60	60	66	58.2
Jonesboro	Maximum	82	78	72	64	54	64	73	83	85	78	88	90	89	86	79	71	68	74	85	80	74	72	76	70	75	79	85	83	79	87	90	77.8
	Minimum	49	65	61	44	44	53	52	54	61	62	62	67	68	67	52	57	53	58	61	63	54	52	57	47	48	50	58	66	62	61	67	57.3
Lead Hill	Maximum	78	70	65	52	52	70	75	83	76	74	85	88	87	79	65	62	62	61	75	72	67	74	65	70	77	66	82	75	74	87	88	72.8
	Minimum	55	63	49	43	43	48	41	52	56	57	55	58	61	61	51	57	54	55	57	60	53	53	50	46	44	49	53	68	61	55	63	53.9
Little Rock***	Maximum	76	75	67	53	56	64	73	83	83	79	85	88	84	85	67	70	65	76	81	80	68	73	75	67	72	78	84	82	73	85	88	75.3
	Minimum	58	62	53	45	47	52	48	58	62	62	63	67	69	61	55	58	57	58	63	62	57	60	56	49	54	59	62	68	62	64	70	58.7
Lutherville	Maximum	70	72	67	60	53	61	74	83	84	73	84	90	86	81	74	71	66	66	76	78	70	72	73	70	72	71	84	77	75	86	88	74.4
	Minimum	56	62	54	45	45	50	44	57	62	60	60	65	66	68	53	56	56	55	61	62	54	57	54	45	49	55	58	67	60	60	66	56.8
Magnolia	Maximum	83	81	72	70	68	72	78	89	85	90	88	88	86	84	82	80	83	77	77	82	80	80	80	80	77	82	85	87	85	87	89	81.5
	Minimum	58	62	60	53	50	50	50	57	60	63	63	64	65	69	62	60	61	61	66	64	61	60	57	50	51	55	61	66	62	64	67	59.7
Mammoth Spring	Maximum	75	73	70	56	54	64	76	81	80	73	83	85	83	80	66	68	66	68	81	73	68	68	70	70	72	74	82	80	78	84	85	73.7
	Minimum	44	52	53	43	47	50	47	52	53	57	60	62	60	62	53	51	53	59	63	61	54	57	54	46	46	48	47	60	58	61	66	54.2
Marianna	Maximum	80	80	77	69	64	64	73	80	83	82	87	88	87	85	82	72	69	81	85	85	77	74	76	73	73	84	84	85	82	87	88	79.2
	Minimum	58	73	62	48	47	47	51	55	60	63	64	69	69	69	56	61	58	61	65	65	57	56	59	50	51	55	55	62	64	65	71	59.5
Marked Tree	Maximum	76	85	77	79	58	62	68	82	86	80	87	90	90	87	83	71	71	76	75	79	77	75	78	76	75	77	82	85	77	88	92	78.8
	Minimum	45	59	62	46	46	54	56	58	60	60	61	60	65	70	66	53	53	53	62	65	53	54	55	48	46	49	48	54	62	62	69	56.6
Marshall	Maximum	74	71	63	53	52	66	74	83	82	72	83	87	86	78	77	66	64	67	79	78	76	70	69	69	73	69	81	79	76	84	87	73.8
	Minimum	56	63	52	42	43	40	43	58	61	57	59	66	66	68	52	55	55	55	61	59	52	55	52	47	45	51	61	67	60	56	63	55.5
Mena	Maximum	71	72	62	55	55	63	79	85	84	84	85	88	83	82	64	66	61	72	65	79	77	76	73	67	73	79	83	78	74	83	88	74.4
	Minimum	61	62	54	47	47	50	45	60	63	58	58	66	65	64	58	58	54	55	55	58	53	55	54	45	50	51	61	66	60	61	64	56.7
Morrilton	Maximum	69	76	75	63	54	65	75	80	83	78	84	87	85	86	77	72	68	72	77	80	73	76	75	70	71	77	82	79	..	..	89	75.8
	Minimum	46	58	65	46	46	53	47	58	61	62	61	65	67	71	56	58	57	57	64	62	58	60	58	50	52	56	61	67	..	..	..	57.9
Mountain Home	Maximum	76	73	63	53	52	65	73	84	81	74	85	88	86	80	60	67	65	65	81	79	65	71	70	69	75	70	84	80	74	87	87	73.6
	Minimum	..	61	50	42	43	49	43	53	62	56	56	60	63	58	50	56	53	54	58	58	52	52	52	47	47	49	55	67	59	57	65	54.2
Mount Ida	Maximum	78	74	65	59	55	65	77	83	85	75	86	88	84	84	63	75	67	71	76	82	75	78	76	69	74	79	84	80	76	83	88	75.9
	Minimum	53	63	56	48	47	51	39	54	59	56	54	61	60	62	57	55	56	55	58	60	51	54	50	44	43	49	56	68	60	57	62	54.8
Newport	Maximum	78	75	67	61	55	63	68	80	81	74	82	88	87	79	77	71	66	73	79	74	72	72	69	67	70	78	80	78	76	82	81	74.3
	Minimum	50	66	61	45	45	54	50	56	61	61	63	66	67	66	54	59	55	59	64	64	55	57	55	48	48	51	60	67	62	61	66	57.9
Okay	Maximum	78	77	71	64	60	67	78	83	83	79	86	87	86	82	73	78	72	73	75	81	80	79	82	76	77	85	84	81	79	83	89	78.3
	Minimum	47	62	57	48	49	50	46	55	59	60	59	63	62	69	61	57	59	57	60	58	59	56	55	49	50	51	63	55	50	62	65	56.5
Ozark	Maximum	79	68	70	61	55	66	76	80	86	83	87	93	89	85	74	71	66	66	77	82	78	76	73	74	78	70	85	81	77	87	87	76.8
	Minimum	57	64	54	50	48	52	45	60	60	60	60	62	65	67	58	59	58	57	57	60	58	60	54	53	53	58	58	68	61	63	68	58.3
Pine Bluff	Maximum	79	78	74	68	60	64	76	83	84	84	87	88	85	85	79	73	69	79	83	81	76	77	77	71	71	79	87	87	78	86	80	78.3
	Minimum	56	62	61	51	48	56	49	56	59	63	63	68	68	69	60	60	59	59	68	65	61	60	58	52	51	55	60	68	63	65	69	60.1
Pocahontas	Maximum	77	77	69	67	53	64	72	81	82	77	84	87	87	85	81	71	69	73	83	79	70	73	74	72	74	76	84	82	76	85	89	76.6
	Minimum	45	62	58	40	41	50	45	51	57	58	59	61	65	63	50	56	53	55	57	60	51	47	59	45	45	47	54	65	61	59	65	54.3
Portland	Maximum	83	82	78	74	65	65	76	83	85	84	88	92	90	89	83	74	73	84	88	84	78	80	80	74	75	80	87	89	88	90	91	81.7
	Minimum	55	70	60	58	53	57	48	54	57	62	62	65	66	65	64	60	59	61	67	65	63	55	58	52	50	54	57	65	65	65	68	60.0
Prescott	Maximum	81	78	69	66	58	67	81	86	86	84	89	90	87	87	81	77	75	75	77	84	82	89	82	79	77	84	87	84	75	86	90	80.1
	Minimum	57	65	59	48	48	53	47	55	58	61	61	65	68	69	62	57	60	58	64	62	59	57	57	48	51	54	58	67	64	61	67	58.7
Rison	Maximum	80	79	76	71	60	62	80	86	84	75	88	89	87	86	79	76	70	72	84	83	75	80	80	70	81	79	86	88	81	89	91	79.6
	Minimum	47	63	61	50	48	55	48	63	64	60	62	63	60	68	61	59	53	55	59	64	60	59	58	49	50	49	60	67	63	62	68	58.3
Searcy	Maximum	75	77	72	61	53	66	74	81	83	78	86	87	87	87	75	71	64	75	81	81	72	75	76	70	72	75	83	81	74	85	88	76.3
	Minimum	55	64	59	44	45	53	48	57	60	63	63	65	66	68	54	58	57	58	65	61	56	55	54	45	50	52	60	68	61	61	67	57.8
Stuttgart	Maximum	79	80	75	67	59	64	75	83	84	82	89	90	89	85	81	72	69	81	85	80	79	77	75	73	74	80	87	87	79	87	92	79.3
	Minimum	54	72	59	48	47	56	48	56	58	62	61	65	65	67	56	59	58	59	65	65	57	58	57	47	48	52	57	65	61	62	68	58.5
Subiaco	Maximum	78	77	66	59	53	63	78	86	85	74	87	94	87	81	72	71	64	69	79	79	73	75	75	74	77	74	84	83	77	87	91	76.5
	Minimum	56	64	55	46	47	52	46	57	61	62	59	64	66	71	57	58	56	56	59	59	57	59	57	57	52	58	60	70	61	60	67	58.4
Sunset	Maximum	64	66	59	58	60	56	68	78	76	76	76	82	80	72	65	59	57	62	70	74	67	67	63	65	67	61	76	71	69	77	81	68.5
	Minimum	54	59	44	42	41	47	47	59	61	58	56	65	63	62	55	52	51	51	56	57	53	52	52	41	50	51	59	63	57	59	63	54.2
Texarkana	Maximum	81	78	70	65	62	68	80	85	85	82	87	88	85	84	72	78	..	..	..	81	77	79	80	75	76	83	85	83	75	83	89	79.1
	Minimum	59	62	56	49	47	48	45	55	57	60	60	62	65	67	60	57	59	57	64	59	57	56	55	47	50	52	59	65	62	61	66	57.4
Thornburg	Maximum	74	74	65	59	54	65	76	82	86	77	83	87	84	86	74	74	68	73	74	80	..	70	75	70	74	78	82	80	75	84	88	75.7
	Minimum	56	61	57	44	44	50	37	55	56	57	58	64	60	68	53	58	54	54	63	54	..	54	47	42	41	46	60	65	59	60	59	54.5
Warren	Maximum	82	81	80	72	62	75	80	83	86	86	90	87	86	89	84	81	80	85	80	84	82	82	83	79	80	83	86	88	87	92	90	82.7
	Minimum	65	61	52	53	48	50	48	50	55	63	63	60	64	67	64	63	59	60	63	65	63	52	59	51	52	50	59	67	65	63	70	58.8
Wilson	Maximum	81	81	79	72	59	64	71	83	83	85	86	87	89	86	83	70	71	76	82	80	76	71	72	72	75	77	86	86	85	88	87	78.8
	Minimum	50	72	57	43	44	48	50	53	58	60	60	66	66	68	52	57	53	56	64	66	52	50	55	44	43	50	48	65	61	61	65	56.0
Wynne	Maximum	83	79	72	68	56	63	68	88	85	80	89	90	91	86	71	70	67	78	86	79	72	72	75	72	75	80	86	86	87	88	89	78.3
	Minimum	52	70	58	43	43	54	46	55	58	60	62	66	65	67	51	57	53	56	63	62	52	51	54	45	43	50	59	66	60	59	65	56.2

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 6-27-35-105

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

ol. XL Little Rock, Ark., June, 1935 No. 6

GENERAL SUMMARY

This was the coolest and wettest June since 1928 and the cond wettest on record. Temperatures were generally below rmal from the 3d to the 10th and from the 14th to the 23d, hile they were above for about 7 days with the warmest eather occurring the 11th or 12th or during the latter part of e month. The average temperature for the State, based on e records of 60 stations, was 74.3° which is 2.8° below the ean for the past 45 years, all stations except Warren in the utheastern portion having negative departures. Monthly eans ranged from 67.0° at Dutton to 79.0° at Warren. The ghest temperature reported was 98° at Dumas on the 26th; e lowest, 36° at Dutton on the 5th. The minimum of 36° within one degree of the lowest ever recorded in the State for ne, 35° being reported from Dutton on June 1st, 1931.

Rainfall was heavy to excessive in the Ozarks and the achita mountains and in most sections of northeastern and uthwestern portions, while some stations in the southeastern rtion and in southern border counties had less than the rmal amount. The average precipitation for the State for the stations reporting was 8.38 inches which is 4.29 inches ove the mean for the past 45 years. Monthly totals ranged om 2.67 inches at Portland in a southeastern county to 18.85 ches at Dutton in the Ozarks. Four other stations had onthly totals exceeding 16.00 inches and a number more an 10.00 inches. The greatest amount measured in any 24-ur period was 6.05 inches at Waldron on the 16th.

The heavy rains in the mountains and in eastern Oklahoma pt the Arkansas, White, and Black rivers near flood stage or ove at most points during the greater portion of the month. e Arkansas River was flood stage or above at Ft. Smith for 22 ys and at Little Rock for 15 days. The stage of 28.2 feet at ttle Rock on the 23d is the highest stage on record for June d the stage of 32.2 feet at Pine Bluff is within 0.2 foot of e high water mark of 1927. Hundreds of thousands of acres farm lands were inundated in the lowlands. Nearly all vees above Little Rock on the Arkansas River broke and all owing crops were destroyed. This was the worst flood in the ate since 1927. The high water coming so late in the season stroyed cotton which cannot be replanted with much assurnce of a crop, while the corn and hay crops may be replanted. long the White and Black rivers the damage was not so great t in the lower White basin considerable land will be idle this ar because of the high water. Considerable damage resulted om overflow along the Ouachita River but in the southern poron of the State crop conditions were much more favorable an elsewhere. Nearly all crops are late but by the latter rt of the month fields were being cleaned and crops were owing nicely in the southern portion. T.A.M.

Flood losses during the month were as follows:---On the Ouachita ver, $43,000; on the Arkansas and Petit Jean, $944,775; on the Black d White, $175,900.

Correction, May, 1935

Greatest 24-hour precipitation at Brinkley should be 1.69 inches.

Tornado:--Texarkana and vicinity, 21st, 8.30 a.m., from west, path 30 miles long and from 1-2 to 1 mile wide, beginning near New Boston, Texas and ending near Texarkana. In Arkansas 3 killed, 15 injured, property damage $100,000.

Windstorms:--17th, severe windstorms opproaching tornadic proportions general over Benton County, shade trees uprooted, power, telegraph, and telephone lines broken, small outbuildings blown down, several thousand dollars damage.

Heavy Hail:--In southeastern Johnson County, 6th, severe damage from hailstorm, path 1-2 to 1 mile wide, gardens, peach orchards, and crops destroyed, loss $16,000.

Helena, 7th, no report on damage.

Grannis, (3 to 5 miles southeast of), 20th, cotton, corn, and other crops destroyed, loss $1,000.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29.91	30.14	4	29.47	17	6.1	30	nw	17	..	..	..	56
Fort Smith	29.92	30.11	4	29.58	17	7.4	30	sw	17	85	62	64	58
Little Rock	29.95	30.14	24	29.60	17	7.3	29	n	3	83	60	63	71
Memphis	29.95	30.17	24	29.60	18	6.7	32	sw	13	76	60	64	76

COMPARATIVE DATA FOR JUNE

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	+0.8	103	56	3.71	−0.38	7.65	0.62	0	17	11	11	8
1892	76.9	−0.2	103	40	3.87	−0.22	6.90	0.72	0	8	16	10	4
1893	76.3	−0.8	99	49	5.20	+1.11	10.94	1.14	0	9	12	12	6
1894	76.6	−0.5	106	42	1.39	−2.70	3.93	T	0	4	17	10	3
1895	76.9	−0.2	100	47	5.94	+1.85	13.06	1.15	0	10	12	10	8
1896	77.7	+0.6	103	48	1.91	−2.18	4.65	0.10	0	5	14	10	6
1897	78.0	+0.9	106	41	3.46	−0.63	6.90	0.60	0	6	12	13	5
1898	78.7	+1.6	100	60	4.86	+0.77	11.15	1.85	0	11	8	14	8
1899	77.3	+0.2	102	50	2.74	−1.35	5.90	0.20	0	6	13	12	5
1900	76.6	−0.5	100	43	7.10	+3.01	16.11	3.05	0	13	7	14	9
1901	79.4	+2.3	110	41	1.44	−2.65	4.13	0.25	0	4	16	12	2
1902	77.5	+0.4	105	42	5.27	+1.18	9.28	0.59	0	6	16	9	5
1903	70.5	−6.6	99	37	2.53	−1.56	8.01	0.45	0	7	13	10	7
1904	75.3	−1.8	99	50	7.14	+3.05	12.03	2.42	0	10	11	13	6
1905	77.9	+0.8	104	44	5.90	+1.81	21.55	1.28	0	10	12	10	8
1906	76.2	−0.9	101	44	4.60	+0.51	10.73	1.05	0	8	14	11	5
1907	75.2	−1.9	103	39	4.48	+0.39	10.38	1.40	0	8	14	11	5
1908	76.0	−1.1	96	46	3.85	−0.24	8.83	0.61	0	8	13	11	6
1909	76.9	−0.2	104	49	4.08	−0.01	8.68	1.26	0	10	12	12	6
1910	74.1	−3.0	99	44	4.85	+0.76	8.54	1.01	0	10	12	13	5
1911	80.9	+3.8	106	47	2.53	−1.56	5.68	0.27	0	6	16	11	3
1912	73.1	−4.0	97	42	5.83	+1.74	9.54	2.40	0	9	11	12	7
1913	77.0	−0.1	103	39	1.68	−2.41	6.34	0.14	0	4	16	11	3
1914	82.3	+5.2	109	52	1.00	−3.09	3.77	0.00	0	2	19	10	1
1915	76.0	−1.1	106	45	4.92	+0.83	8.67	1.23	0	9	12	9	9
1916	75.4	−1.7	99	43	5.15	+1.06	9.48	2.64	0	8	12	10	8
1917	75.2	−1.9	106	37	4.87	+0.78	8.99	0.98	0	6	18	7	5
1918	80.5	+3.4	110	49	3.55	−0.54	12.07	0.50	0	7	15	9	6
1919	76.9	−0.2	101	45	5.11	+1.02	9.80	2.07	0	10	11	10	9
1920	74.7	−2.4	101	42	3.41	−0.68	8.26	0.63	0	6	19	6	5
1921	78.5	+1.4	103	46	4.84	+0.75	12.03	1.41	0	11	12	10	8
1922	78.6	+1.5	104	44	2.64	−1.45	6.35	0.32	0	7	16	8	6
1923	76.7	−0.4	99	46	5.20	+1.11	12.14	1.50	0	9	13	11	6
1924	78.5	+1.4	105	42	3.64	−0.45	9.90	0.27	0	8	15	6	9
1925	82.3	+5.2	108	46	2.08	−2.01	6.66	0.12	0	4	17	9	4
1926	76.6	−0.5	104	42	2.60	−1.49	6.08	0.79	0	6	17	8	5
1927	76.3	−0.8	104	43	6.50	+2.41	14.57	2.70	0	9	13	8	9
1928	73.5	−3.6	100	40	9.44	+5.35	17.16	4.08	0	13	8	9	13
1929	76.2	−0.9	102	41	3.68	−0.41	8.05	0.02	0	7	17	8	5
1930	76.4	−0.7	107	39	0.87	−3.22	6.20	0.09	0	2	22	6	2
1931	78.3	+1.2	107	35	2.60	−1.49	6.03	0.36	0	5	19	8	3
1932	78.9	+1.8	103	50	4.86	+0.77	9.15	0.75	0	10	12	11	7
1933	78.4	+1.3	107	40	1.30	−2.79	3.61	0.00	0	3	22	6	2
1934	81.1	+4.0	108	49	2.88	−1.21	6.71	0.70	0	5	19	8	3
1935	74.3	−2.8	98	36	8.38	+4.29	18.85	2.67	0	13	10	10	10
Period	77.1	......	110	35	4.09	......	21.55	0.00	0	8	14	10	6

Daily River Stages for June, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
rt Smith or n Buren ...	...Arkansas...	22	21.1	22.0	24.6	26.7	26.8	25.7	24.0	27.4	28.9	29.1	28.7	26.9	23.0	20.4	20.0	19.7	26.5	30.9	34.3	33.7	32.0	30.6	30.1	29.7	27.0	23.1	20.1	18.0	17.7	19.3	
ark	... ..do	22	16.4	17.4	20.3	21.6	22.6	22.2	20.2	21.7	23.9	24.4	24.7	24.0	21.8	18.4	17.2	17.7	25.0	27.2	29.0	30.3	31.1	29.5	27.7	27.2	26.2	23.4	19.7	17.0	15.3	16.2	
rdanelle......	......do	22	17.0	18.7	20.9	23.1	23.8	24.1	23.9	23.2	24.2	25.5	26.0	25.9	24.9	22.5	20.1	20.1	26.1	28.5	28.5	29.0	29.5	29.3	28.4	27.6	26.9	26.2	24.1	21.0	18.5	17.8	
rrilton	......do	20	14.4	17.0	19.0	21.7	22.6	23.2	23.0	22.8	22.8	23.9	24.7	25.0	24.5	22.8	20.0	18.6	23.4	27.0	28.1	28.6	28.9	29.2	28.8	28.1	27.5	26.8	25.4	22.6	19.3	17.4	
ttle Rock..	......do	23	13.8	16.2	18.1	20.2	21.6	22.2	22.4	22.4	22.0	22.4	23.2	23.6	23.6	23.2	21.9	20.1	21.1	24.4	26.2	27.0	27.6	28.0	28.2	27.9	27.3	27.0	26.4	25.1	22.7	20.2	
ne Bluff	......do	25	18.4	18.4	20.5	21.9	23.6	24.6	25.1	25.6	25.5	25.3	25.5	25.9	26.4	26.4	26.0	24.5	23.6	24.8	27.2	29.3	30.2	31.4	32.0	32.2	32.0	31.0	30.8	29.8	28.7	26.8	
nville........	.. Petit Jean.	20	9.1	8.9	10.4	19.0	18.6	13.0	8.0	8.6	8.1	6.6	5.9	5.4	4.6	4.6	6.8	13.4	26.1	30.0	27.1	24.6	22.7	21.6	20.0	18.4	16.0	9.9	8.6	7.2	11.6	10.4	

Climatological Data for June, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	40	75.0	− 2.1	91	11	59	5†	25	8.50	+ 3.60	1.46	0.0	13	5	17	8	s.	J. W. Campbell
Arkadelphia	Clark	250	40	....	....	....	....	....	....	....	6.07	+ 1.28	2.12	0.0	11	13	6	11	sw.	W. K. Bown
Arkansas City	Desha	145	51	....	....	....	....	....	....	....	4.76	+ 0.90	1.90	0.0	8	16	2	12	....	Herbert Neff
Arlberg	Stone	700	13	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. D. Reeves
Batesville	Independence	277	36	72.8	− 2.4	93	12	49	5	32	5.69	+ 1.68	1.38	0.0	11	14	4	12	se.	Mrs. Lelia I. Teter
Bee Branch	Van Buren	700	43	73.7	− 3.0	93	28	50	5	33	10.35	+ 6.07	2.70	0.0	13	7	15	8	s.	J. E. Scanlan
Bentonville	Benton	1303	30	70.4	− 3.0	89	11	47	5	31	9.76	+ 4.44	3.05	0.0	19	6	11	13	s.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	5	....	....	....	....	....	....	....	4.75	....	1.22	0.0	11	13	5	12	....	C. J. Brooks
Black Rock	Lawrence	259	34	....	....	....	....	....	....	....	8.05	+ 4.17	1.20	0.0	14	16	1	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	10	75.0^{b}	− 2.8	91	28†	60^{c}	8	18^{c}	6.65	+ 2.59	1.81	0.0	13	14	9	7	s.	Samuel Norris
Booneville	Logan	465	21	74.7	− 2.7	95	11	51	5	33	11.21	+ 6.80	4.38	0.0	15	7	17	6	s.	F. H. Randolph
Brinkley	Monroe	205	48	76.3	− 1.5	97	27	55	5†	33	7.28	+ 3.71	2.25	0.0	12	16	7	7	se.	R. J Torry
Calico Rock	Izard	361	31	73.6	− 2.2	93	28	49	5	33	5.51	+ 1.46	1.13	0.0	17	11	5	14	s.	E. R. Wiseman
Camden	Ouachita	158	50	77.5^{b}	− 0.7	94^{b}	11†	58^{b}	5	31^{b}	5.80	+ 1.46	2.28	0.0	9	13	7	10	s.	J M. Knight
Carthage	Dallas	297	30	76.3	....	94	11†	56	6	32	5.02	+ 1.05	1.70	0.0	10	6	19	5	s.	P. K. Wylie
Center Point	Howard	470	36	75.6	− 3.0	91	11	55	5	30	6.36	+ 2.17	2.00	0.0	12	10	9	11	s.	John C. Floyd
Clarendon	Monroe	172	31	....	....	....	....	....	....	....	4.91	+ 1.36	1.26	0.0	12	11	4	15	s.	J. W. Bishop
Clinton	Van Buren	516	14	....	....	....	....	....	....	....	8.74	+ 5.19	1.45	0.0	17	4	18	8	sw.	A L. Stephens
Conway	Faulkner	309	52	75.8	− 2.3	93	11†	54	5	32	11.78	+ 7.79	2.56	0.0	12	15	9	6	s.	E. E Cordrey
Corning	Clay	293	42	73.6	− 2.1	95	28	52	5	30	6.80	+ 2.59	1.37	0.0	13	11	11	8	s.	Winfred D. Polk
Cotter	Baxter	408	8	....	....	....	....	....	....	....	9.13	....	1.85	0.0	14	12	7	11	....	O. B. McSpadden
Crosset	Ashley	175	23	77.1^{g}	− 2.2	93^{g}	11	58^{f}	22	26^{g}	....	....	..	....	..	11^{f}	7^{f}	6^{f}	....	G. A Gifford
Danville	Yell	327	19	....	....	....	....	....	....	....	9.53	+ 5.08	3.65	0.0	13	5	12	13	....	J. M. Patterson
Dardanelle	Yell	330	49	75.4	− 2.9	92	10†	56	5	30	12.65	+ 8.95	4.59	0.0	14	3	15	12	s.	Geo. N. Goodier
Deer	Newton	2200	2	67.6^{j}	....	85^{j}	12	51^{j}	6	27^{j}	8.32	....	2.00	0.0	16	8^{i}	0^{i}	18^{i}	....	Mrs. J. M. Essex
Dumas	Desha	162	30	78.5	− 0.5	98	26	55	6	37	5.50	+ 1.71	1.23	0.0	15	9	8	13	s.	Ben Johnson
Dutton	Madison	1590	33	67.0	− 4.6	86	11	36	5	40	18.85	+13.29	5.12	0.0	18	8	12	10	s.	J. M. Ricketts
El Dorado	Union	270	35	78.8	− 0.6	97	26	59	5	30	3.11	− 0.78	1.00	0.0	9	13	12	5	s.	L. E. Ellis
England	Lonoke	229	28	75.8	− 2.4	93	11†	56	6	29	4.16	+ 0.48	1.11	0.0	13	14	9	7	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	70.0	− 4.0	88	11	48	5	30	13.12	+ 7.37	2.58	0.0	18	10	8	12	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	70.8	− 3.4	88	11†	47	5	29	13.04	+ 8.52	2.84	0.0	21	7	13	10	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	75.0	− 2.5	93	25	54	5	30	10.42	+ 6.70	3.24	0.0	14	6	14	10	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	11	....	....	....	....	....	....	....	12.79	+ 7.89	2.84	0.0	14	12	10	8	sw.	R. J. McCuiston
Fulton	Hempstead	260	50	....	....	....	....	....	....	....	7.27	+ 3.44	2.17	0.0	9	7	10	13	....	T. J. Logan
Georgetown	White	200	23	....	....	....	....	....	....	....	5.95	+ 1.63	1.51	0.0	10	16	4	10	....	Mrs. W. R. Owens
Grannis	Polk	900	16	73.8	− 1.2	93	23	52	5	38	13.07	+ 8.18	2.37	0.0	14	11	11	8	se.	W. E. McVay
Gravette	Benton	1250	38	69.7^{a}	− 3.7	91	11	43^{a}	5	36^{a}	16.04	+10.40	3.25	0.0	17	11	11	8	s.	Max W. Schmidt
Harrison	Boone	1052	35	71.0	− 2.0	91	10	46	5	36	15.22	+11.02	5.37	0.0	17	14	4	12	sw.	Louis R. Keck
Helena	Phillips	250	63	75.4	− 2.9	94	28	55	5	31	3.69	− 0.20	0.90	0.0	10	7	9	14	se.	James A. Burnett
Higden	Cleburne	445	16	....	....	....	....	....	....	....	6.71	+ 2.51	1.27	0.0	11	13	10	7	sw.	Trumon Brown
Highland	Pike	600	16	75.8	....	93	17	57	5	29	5.90	+ 1.83	2.75	0.0	9	0	30	0	s.	J. O. Cooley
Hope	Hempstead	377	65	77.4^{c}	− 1.4	97^{c}	28	56^{c}	8	31^{c}	6.18	+ 2.40	1.60	0.0	11	13^{c}	8^{c}	6^{c}	w.	N. P. O'Neal
Hot Springs	Garland	600	44	76.8	− 1.0	95	11†	56	5	32	8.43	+ 3.84	1.59	0.0	13	8	17	5	s.	National Park Service
Index‡‡	Little River	275	10	....	....	....	....	....	....	....	5.05	+ 2.40	1.82	0.0	7	12	1	17	....	H. C. Sanderson
Jessieville	Garland	750	9	....	....	....	....	....	....	....	10.67	....	2.58	0.0	13	2	16	12	s.	U. S. Forest Service
Jonesboro	Craighead	345	40	74.6	− 2.9	92	12†	55	5	29	8.22	+ 4.29	1.87	0.0	14	10	12	8	sw.	Benedictine Sisters
Lead Hill	Boone	650	29	71.5	− 3.4	94	11†	45	5	39	8.21	+ 3.42	2.15	0.0	14	12	10	8	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	75.5	− 1.9	91	11	60	5	25	5.51	+ 1.75	1.35	0.0	16	7	11	12	s.	U. S. Weather Bureau
Lutherville‡‡	Johnson	775	36	72.8	− 3.0	91	11	53	5	31	16.89	+12.52	3.84	0.0	17	7	14	9	sw.	H. G. Lenhardt
Madison	St. Francis	209	5	....	....	....	....	....	....	....	7.61	....	3.35	0.0	10	12	1	17	....	J. W. Eppes
Magnolia	Columbia	315	19	78.4	− 0.6	95	18	60	5†	32	5.54	+ 2.04	1.48	0.0	8	4	21	5	s.	State Agri. School
Malvern	Hot Springs	277	49	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	W J. Keith
Mammoth Spring	Fulton	600	31	70.9	− 3.3	89	28	50	5	30	8.99	+ 4.52	2.06	0.0	15	9	8	13	se.	S. F. Whittaker
Marianna	Lee	235	24	76.8	− 1.5	94	30	59	6	25	5.16	+ 1.22	1.60	0.0	9	16	11	3	s.	C. N. Houck
Marked Tree	Poinsett	229	31	74.0	− 4.0	93	28	54	4	30	7.86	+ 4.59	4.66	0.0	12	14	10	6	n.	Charles Walton
Marshall	Searcy	1070	21	72.0	− 3.5	90	10†	46	5	33	9.01	+ 3.93	2.04	0.0	17	7	12	11	s.	A. J. Parks
Mena	Polk	1207	47	74.2	− 2.2	91	10†	53	5	32	10.18	+ 5.30	2.35	0.0	13	8	9	13	sw	E. W. St. John
Morrilton	Conway	347	16	75.6	− 3.0	91	27	59	5	28	9.44	+ 5.56	3.86	0.0	12	11	14	5	s.	Hugh B. Wear
Mountain Home	Baxter	800	23	71.5	− 2.9	92	10†	47	5	34	9.00	+ 4.17	1.38	0.0	15	8	6	16	sw.	B. S. Halbert
Mount Ida	Montgomery	650	36	73.8	− 2.0	93	11	51	5	33	8.89	+ 4.47	2.20	0.0	11	12	7	11	w.	G. A. Whittington
Newport	Jackson	231	52	74.2	− 3.6	94	12	53	5	27	9.18	+ 5.28	2.29	0.0	12	11	13	6	n.	J. D. Henderson
Norman	Montgomery	750	7	....	....	....	....	....	....	....	10.14	....	2.22	0.0	12	10	7	13	....	U. S. Forest Service
Oden	Montgomery	800	9	....	....	....	....	....	....	....	7.60	....	1.80	0.0	10	7	10	13	s.	U. S. Forest Service
Okay	Howard	288	7	77.1	....	94	10†	56	5	31	2.91	....	1.44	0.0	7	15	9	6	s.	Charles R. Jackson
Osceola	Mississippi	240	39	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	73.9	− 3.9	92	10	50	5	34	14.39	+ 9.89	4.00	0.0	18	11	3	16	e.	Orkney O. Milton
Paragould	Greene	301	12	....	....	....	....	....	....	....	6.97	+ 2.91	1.95	0.0	11	11	7	12	s	W. R. Heagler
Parkin	Cross	222	5	....	....	....	....	....	....	....	6.09	....	2.10	0.0	9	10	6	14	....	Carroll King
Patterson	Woodruff	196	19	....	....	....	....	....	....	....	6.51	+ 1.60	1.88	0.0	9	16	6	8	sw.	W. E. Baker
Piggott	Clay	307	11	....	....	....	....	....	....	....	6.01	+ 2.62	1.18	0.0	16	13	8	9	sw.	V. C. Wright
Pine Bluff	Jefferson	215	48	76.6	− 2.6	92	11	58	6	27	4.01	+ 0.09	1.42	0.0	15	7	15	8	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	42	72.5	− 3.9	92	28	51	4	30	10.91	+ 7.61	2.30	0.0	13	8	5	17	n.	Benedictine Sisters
Portland	Ashley	122	29	77.6	− 1.8	96	26†	55	6	35	2.67	− 0.73	0.83	0.0	12	9	17	4	sw.	W E. Edmiston
Prescott	Nevada	329	47	77.6	− 1.1	94	26	58	5	30	6.87	+ 3.07	1.81	0.0	11	7	15	8	s.	Craig Williams
Quitman	Cleburne	480	1	....	....	....	....	....	....	....	15.35	....	4.70	0.0	11	13	3	14	s.	G. M. Hooten
Rison	Cleveland	243	35	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	45	70.4	− 2.9	90	27	45	5	35	10.84	+ 5.95	2.01	0.0	16	9	12	9	sw.	Carl A. Starck
Rosebud‡‡	Faulkner	....	1	....	....	....	....	....	....	....	11.95	....	5.26	0.0	11	5	19	6	s.	Miss Clarice Maddox
St. Francis	Clay	290	8	....	....	....	....	....	....	....	6.18	....	1.37	0.0	14	15	6	9	....	S. T. Rooney
Searcy	White	236	25	74.6	− 2.6	91	28	54	5	27	6.93	+ 2.97	2.83	0.0	12	15	3	12	sw.	Arthur D. Smith
Springbank	Miller	240	26	....	....	....	....	....	....	....	5.12	+ 1.32	1.53	0.0	12	10	4	16	....	Henry Field
Story	Montgomery	700	11	....	....	....	....	....	....	....	8.68	+ 5.05	1.22	0.0	11	16	5	9	s.	S. C Story
Stuttgart	Arkansas	209	48	76.6	− 1.2	95	11†	57	5†	30	4.65	+ 0.71	1.48	0.0	11	14	7	9	sw.	Mrs. Kress Swim
Subiaco	Logan	1050	38	74.6	− 3.0	94	11	54	5	31	10.89	+ 6.83	3.10	0.0	16	11	13	6	se.	New Subiaco Abbey
Sunset	Washington	2250	4	68.2	....	86	11	50	5	26	17.82	....	3.66	0.0	18	8	14	8	sw.	Walter James
Texarkana	Miller	332	50	76.6	− 2.6	93	26†	57	5	29	5.71	+ 2.15	1.90	0.0	6	15	12	3	s.	H. S. Brashear
Thornburg	Perry	650	15	72.9	− 2.3	92	11	50	5†	32	11.82	+ 6.71	3.20	0.0	12	11	13	6	s.	Edward E. Holmes
Waldron	Scott	675	16	....	....	....	....	....	....	....	16.06	+11.81	6.05	0.0	14	3	11	16	sw.	Dr. Cheves Bevill
Warren	Bradley	206	41	79.0^{a}	0.0	96^{a}	11†	61^{a}	7†	34^{a}	3.91	+ 0.18	1.50	0.0	7	20	7	3	sw.	Miss Sue Hoyle
Waters	Montgomery	800	11	....	....	....	....	....	....	....	8.67	+ 4.18	2.10	0.0	12	3	15	12	sw.	J R. Huddleston
Whitecliffs	Little River	290	29	....	....	....	....	....	....	....	5.47	+ 2.07	2.25	0.0	6	12	6	12	....	William W. Davis
Wilson	Mississippi	237	10	74.2	− 2.7	92	1†	53	9	32	7.37	+ 4.06	3.20	0.0	8	18	1	11	s.	D O. Anderson
Wooley Hollow.‡‡	Faulkner	....	1	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Ross Shumate
Wynne	Cross	250	27	74.0	− 4.0	94	12	52	5	32	5.92	+ 2.11	2.11	0.0	9	11	13	6	s.	R. T. Cobb
Yancopin	Desha	167	11	....	....	....	....	....	....	....	4.51	+ 1.13	2.30	0.0	12	11	9	10	....	W. E. Barton
State Means				74.3	−2.8	98	26	36	5	40	8.38	+ 4.29	6.05	0.0	13	10	10	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for June, 1935

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita			1.46					1.46					.37	.50	.80	.24	1.01	1.10		.09	43						.30	.22	.52			8.50
Arkadelphia	Ouachita	.23	.22	1.28	.02				.45					.88	.13	.42	.05	T.	2.12				.27										6.07
Arkansas City	Mississippi			.37					1.90						.10	.90	.94	T	.40			.10	.05										4.76
Arlberg	White																																
Batesville	White	.01		1.38				.36	.27						57	.12	.91	1.08	.74		T.	T.						.04			.21		5.69
Bee Branch	Arkansas	.54	.04	1.45				.62						1.25	.73	.79	2.70	1.10	.60			.10					T.			.23	.20		10.35
Bentonville ***	Arkansas		1.74	.01	T.		1.23	1.82	T.	.16		.70	.04	.08	.30	.06	.62	1.25	T.	.06	.43	.10					.49		.18	.10	.39		9.76
Big Lake Outlet	St. Francis		.13	1.22	T.				.20				.13		.62	T.	.06	.97	.14	T.		T.	.13					.27	.88	T.	T.		4.75
Black Rock	White	.24	.65	1.20				.79	.26				1.02		.60	.13	.40	.72	.32	.21								.93			.58		8.05
Blytheville	St Francis		.22	1.18	.09				.40				.88		1.81	.04	.01	1.65	.19	.02			.06					.10					6.65
Booneville	Arkansas	.05	1.31	.76				.44	.06					.16	.09	.62	4.38	1.80	.44		.11	.97					.01		.01	T.			11.21
Brinkley	White	.26	.80	2.25	.18				.04							.86	.12	1.34	.29									.92	.02	.20			7.28
Calico Rock	White	.05	.22	.58				1.13	.20				.04		.50	.06	.30	.96	.55	.10	.22	.03	T					.03		.44	.10		5.51
Camden	Ouachita	.38		.96					2.28					.50	.35	T.	.05		1.02				.23					.03					5.80
Carthage	Ouachita	.10		1.70				.11	.62					.55	15	.25	T.	.32	1 05			.17											5.02
Center Point	Red		T	2.00				.57	.46				.02	.40	.35	.46	.11	.11	1.72		.03	13											6.36
Clarendon	White		.40	1.26	.34				.63					T.	.06	1.00	.37	.22	.47			.03	T.					.10	.03	T.			4.91
Clinton	White	.50	1.27				.20		.20				.39	.18	.27	1.12	1.45	1.33			.10	.05					.17	.70	.52	05	.24		8.74
Conway	Arkansas	.66		1.34				.21							1.11	.58	1.82	1.86	1.09			.35					.13	2.56		.07			11.78
Corning	White		.85	1.37				.05	.95		T		.37		.29	.14	.07	1.25	.77	.11		.03	T.					.55					6.80
Cotter	White	.30	.74	1.57				1.85	.27				.17		.73	.36	.96	1.05	.70			.08						.15			.20		9.13
Crossett	Ouachita	.23		.10	T.				T.					.43		1.18			.84														
Danville	Arkansas	.15		1.30					.70						.27	.40	.85	3.65	1.20	.06		.40	.15					.30		.10			9.53
Dardanelle	Arkansas	.39		1.29				.33	.59						.30	.91	1.37	4.59	1.16		.06	47						.49		.42	.28		12.65
Deer	White	.27	1.70				.41		.03				.15	.02	.67	.13	2.00	.70	.15			.15					.24		1.47	.20	.03		8.32
Dumas	Mississippi	T.		.84				.06	1.23			.23	.03		.26	.33	.13	.03	.76	.02	.20	T.						.43	.34	T.	.61		5.50
Dutton	White		2.24	1.54			.59	1.85		.04				.70	.87	.42	5.12	3.34	.30	.07	.37	.15					.41		39	.06	.39		18.85
El Dorado	Ouachita	.01		.50					.25					.26	.06	.08	.07	T.	.88				1.00						T.		T		3.11
England	Arkansas	T.	.10	1.11				.90	.32		T.			T.	.26	.27		.24	.50		.01	.04						.18		.06	.17		4.16
Eureka Springs	White	.29	2.27	1.05			.60	2.58					.61	.16	.14	.08	1.03	1.28	.04		.88	1.42					.80		.03	.17	19		13.12
Fayetteville	White	.10	2.61	.36			.58	1.84	.02	.03			.50	.16	.27	.15	1.44	2.84	.17	.01	65	.12					.46		.18	.04	.51		13.04
Fort Smith ***	Arkansas	01	1.13	.15	T.		T.	.47					1.14	.75	.35	.28	2.72	1.74		T.	.66	.23					.42		.37	T.			10.42
Freeman Sprgs.	Arkansas	.12	.99	1.14				1.71	.24					.23	.27	.11	1.91	2.84	1.12		T.	.20						.12		1.79			12.79
Fulton	Red	.03	T.	1.82	T.				.27	T.					.62	T.	.12		2.17		.02	T.	1 70						.52				7.27
Georgetown	White	.10	.11	1.46					.44						.33	.57	.38	1.51	.27	T.		T.	T.					.78		T.			5.95
Grannis	Red	.01	.07	1.69				.42					T.	.19	1.09	2.00	.75	2.05	.99	T.	2.37	.36							1.05	.03			13.07
Gravette	Arkansas		1.56	.92				3.25			.19		1.82	1.30	.58	.19	.60	1.28	1.28	.37	.22						.51		.03	.28	1.66		16.04
Harrison	White	.10	5.37	1.11			.32	1.72					.86	.08	.54	.10	1.60	.62	.15		.10	.10					.96		1.47	.02			15.22
Helena	Mississippi			.90	.10				.71						.54	.29	.14		.25										.01	.12	.63		3.69
Higden	White	.10		1 03				.47						.18	1.15	87	1 27	1.17	.27		.08	.12											6.71
Highland	Ouachita			2.75				.20	.25						55	.15	.10	.75	1.05			.10											5.90
Hope	Red			1.50				1.00	.29				.01	.03	.26	.43			1.60	T	.06	.48									.52		6.18
Hot Springs	Ouachita		.07	1.40				.06	.04				T.	.02	1.52	.83	1.52	.91	1.59		.02	.36						.09					8.43
Index	Red			1.15											.29	.10	.21		1.82			1.22	T.						.26				5.05
Jessieville	Ouachita	.75		2.58					.35				.21	.35	.40	1.00	1.00	1.51	1.07		.45	.50								.50			10.67
Jonesboro	White		.44	1.42	.01				.51				.92		.60	.10	1.87	1.55	.25	.01		.02						.49		.03	T.		8.22
Lead Hill	White	T.	2.15	.63			.29	1.90				T.		T.	.78	.05	1.08	.75	.06		.11	.05					.19		.14	.03	T.		8.21
Little Rock ***	Arkansas	.10	.02	1.33				.04	T.				T.	.07	.59	.46	.02	1.24	.06	.01	T	.15					T.	.39	.92	.01	.10		5.51
Lutherville	Arkansas	.32	.28	1 35			1.00	2.36					.41	.25	.40	.54	3.84	2.96	.45	T.	.08	.30					.10			.42	1.83		16.89
Madison	St. Francis	T.	.01	1.75					.34						.05	1.05	.11	3.35	.12	T.		T.	.05					T.			.78		7.61
Magnolia	Red	.24		.55					1.48				.33		.03	.22			1.29			1.40									T.		5.54
Malvern	Ouachita																																
Mammoth Spg	White	.52	.46	.21				.67	.23				2.06		1.02	.12	.85	.90	.96			.36						.21		23	.19		8.99
Marianna	St. Francis		1.60	61	.10			.34	.45						.11	1.40		.35	.20														5.16
Marked Tree	St. Francis		.09	4.66					.47				.12		.58	.08	.37	1.21	.09			T.						.06	.09	.04			7.86
Marshall	White	.45	.42	1.07			.20	1 50				.06			.50	.10	.95	2.04	.75			.14					.29	.06	.26	.16	06		9.01
Mena	Ouachita			1.20				75	.42				.11	T	.23	1.04	2.35	1.59	1.35		.22	.74	.03						.15	T.			10.18
Morrilton	Arkansas	.65	.05	1.14				.14	.22						05	.38	.68	3.86	.90			70						.67					9.44
Mountain Home	White	.25	1.30	.70			.66	1.38					.18	T	.78	.06	1.18	1.00				.10					.28		.08	.84	.21		9.00
Mount Ida	Ouachita			2.20				.61						.82	.22	.88	1.24	.61	1.34		.03	.42								.52			8.89
Newport	White	.38	.17	1.96	.03				.19						.70	.81	.59	2.29	.30									85			.91		9.18
Norman	Ouachita	.32	.10	2.08					1.10					.22	.90	.73	.80	2.22	1.18	.15	.34												10 14
Oden	Ouachita						T.	.12	1.52						.51	.44	1.60	1.80	1.03		.03	.46								.09			7 60
Okay	Red	.70													.32	.11		.06	1.44		.10	.18											2.91
Osceola	Mississippi																																
Ozark	Arkansas	.50	.95	.86				.93	.25		.06				1.60	.66	1.67	4.00	1.13	.07	.09	.25	.09					.61		.35	.32		14.39
Paragould	St. Francis		.24	1.74					.48				1.95		.05	.45	.52	1.05		.45	.03		.01										6.97
Parkin	St. Francis		.40	2.10					.23							.38	.56	1.89	.06	.12								.35					6.09
Patterson	White		1.02	.87											.28	.10	1.62	1.88	.30									.42		.02			6.51
Piggott	St. Francis	.20	73	93				.73	.12		T.	.24	1.18	.05	.59	.03	.46	.20	.23		T.						.08			.17	.07		6.01
Pine Bluff	Arkansas	.02	T.	1.42					.61				.07	.01	.08	.35	.14	.01	.93		.02	.02	.04					T.	.15		.14		4 01
Pocahontas	White	1.07	1.80	1.02				1.32					2.30		.55	.22	.82	.53	.50								.18			.30	.30		10.91
Portland	Ouachita	.09		.22	.03								.08		.02	.38	.20		.08				.27						.31	.16	.83		2.67
Prescott	Ouachita	1.66	T.	1.27					.41					91	.41	03	.03		1.81		.02	.03	.29							T.			6.87
Quitman	Arkansas	.75	T.	1.75			1.66	.10						1.35	.70	1.70	.90	4.70	1.20									.54					15.35
Rison	Ouachita			1.18					.60																								
Rogers (near)	White		2.01	.51			.81	1.99		.43			1.30	.33	.14	.08	.91	1.10	.19		.32						.49			.04	.19		10.84
Rosebud	Arkansas	.28	T.	1.79			.25	.25					1.05	.20	.35	.62	5.26	1.50			T.							.40	T.				11.95
St. Francis	St. Francis		.10	1.14	T.			T	.81			.24	.32		1.37	.10	.22	.62	.18	.17		.28						.21			.42		6.18
Searcy	White	.44	.01	1 48				.21						.03	.85	.39	2.83	.32	.28			03						.06					6.93
Springbank	White		T.	1.02	.04				.03	T.			.03	.66	.06	.18	.15		1.53			T.	1.10			02			.30				5.12
Story	Ouachita		.68	.96					.99				.45	.43	.98	.46	1.20	1.22			.46							.85					8.68
Stuttgart	Arkansas		.24	1.48	.45				.94					.06	.07	.78	.15	.02	.45									.01					4.65
Subiaco	Arkansas		.08	.73			03	.48					.72	.30	.28	.78	3.10	2.95	.29	.05	.04	28					.40	T.	T.	T.	.38		10.89
Sunset	Arkansas	.14	1.70	1.03	T.	T.	1.10	1.77		.14				.40	.65	.23	2.66	3.66	.27	.06	1.85	.23					1.05		.23	.65	T.		17.82
Texarkana	Red			1.71					T						.35	.10	.25		1.90				1.40										5.71
Thornburg	Arkansas	T.	.04	1.80				.48					.10		1.20	.81	2.90	3.20	.67		.04	.50						.08	T.	T.			11.82
Waldron	Arkansas		.55	1.35				.51					.04	3.34	.10	.52	6.05	2.65	.45		.10	.30					.06	T.	.04				16.06
Warren	Ouachita		.30	.95		T.		T	.35					T.	.27	.49		.05	1.50														3.91
Waters	Ouachita		.15	.90					2.10					.98	.92	.96	.45	.85	.29		.11	.61	T.							.35			8.67
Whitecliffs	Red			2.25											.50	.12	.15		1.60				.85										5.47
Wilson	Mississippi		.10	2.20					.35						1.20	.15		3.20	.07									.10					7.37
Wooley Hollow	Arkansas																																
Wynne	St. Francis		.15	1.78	T.				T						T.	.31	.41	2.11	.12	.14								.78	T.	.12			5.92
Yancopin	Arkansas		.11	.57					2.30				.06	.01	.20	.52	.11		.17		.07	.02									.37		4.51

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Cotter	White	21	9.5	9.0	12.8	18.0	21.8	19.6	15.2	21.2	23.5	20.7	16.3	11.0	11.5	11.5	9.7	10.5	15.9	18.8	23.9	25.2	22.4	13.8	12.1	10.0	8.9	7.7	7.0	6.6	6.6	6.2	
Calico Rock	do	18	8 5	8.3	18.3	22.4	21.0	20.6	16.8	23.3	24.5	22.0	17.6	11.9	10.5	11.4	9.4	9.5	18.3	28.4	27.7	25.6	23.8	16.3	12.2	10.2	8 3	7.2	6.6	6.1	5.8	6.3	
Batesville	do	23	15.3	15.6	18.1	26.9	27.7	27.6	26.0	25.5	29.5	29.6	27.5	23.0	18.8	13.5	18.2	17.6	21.1	29.4	32.4	32 1	31.0	29.0	21 6	19.2	16.7	15.0	13.7	12.8	12.2	12.6	
Newport	do	26	19.1	19.3	19.7	22.8	25.5	27.2	28.2	28.3	28.7	29.4	29.7	29.4	28.1	26.9	26.2	25.4	25.2	26.5	28.8	30.2	31.0	31.0	30.3	28.7	27.3	26.0	24.5	23.2	22.0	20.9	
Georgetown	do	21	21.7	21.5	21.6	21.9	22 2	22.4	22.7	23.3	24.0	24.5	25.0	25.4	25.8	26.0	26 0	25.8	25.8	25.8	25.9	26.1	26.5	27.0	27.4	27.7	27.7	27.4	27.0	26.3	25.6	24.8	
Clarendon	do	26	27.8	27.7	27.7	27.7	27.6	27.5	27.5	27.6	27.7	27.9	28.2	28.6	28.9	29.2	29.6	29.9	30.2	30.5	30.6	30.6	30.7	30.8	31.0	31.2	31.4	31.6	31.8	32.0	32.0	31.8	
Black Rock	Black	14	13.0	15.9	18.0	19.7	20.3	19.4	18.8	19.9	20.0	19.4	18.6	19.7	20.5	19.3	19.1	18.7	20.0	20.9	22.3	21.7	20.8	20.3	19.8	19.3	19.1	18.9	18.9	18.6	18.4	18.8	
Arkadelphia	Ouachita	17	7.8	7.2	7.7	13.0	10.9	8 5	8.2	8.3	8.8	6.6	8.0	7.6	7.8	7.7	8.6	10.6	12 2	20.2	24.0	21.5	14.3	12.0	9.6	8.1	8.1	7.6	7.9	8.2	6.0	5.6	
Camden	Ouachita	26	17.9	17.6	18.0	18.2	21.0	23.2	22 6	21.8	22.5	22.8	21.1	18.8	15.8	15.2	14.9	13.2	15.1	18.5	22.3	26.0	29.2	31.0	33.0	31.8	30.3	27.6	24.1	20.4	17 6	15.0	
Fulton	Red	25	28.9	29.1	27.8	26.8	28.0	27.9	26 8	25.0	23.0	21.5	20.0	18.4	16 8	16.0	15 4	14.4	20.8	25.4	27.2	28.9	31.4	33.3	34.6	34.8	34.6	33.9	32.8	31.0	29.0	26.6	
Helena	Mississippi	41	44.7	41.8	45.0	44.9	44.8	44.4	43.8	43.2	42.7	42.1	41.7	41.4	41.3	41.3	41.5	41.7	41.8	42.0	42.1	42.0	41.9	41 6	41.2	40.8	40.5	40.4	40 4	40.5	40.7	41.0	
Arkansas City	do	48	46.7	46.8	46.9	46.9	47.0	47.0	47.1	47.2	47.2	47.1	47.0	46.9	46.8	46.8	46.8	46.9	46.9	46 9	46.9	46.9	47.1	47.4	47.7	48.0	48.2	48.3	48.4	48.4	48.4	48.4	

Daily temperatures for June, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	83	83	81	82	83	84	80	82	80	89	91	89	80	79	76	84	84	81	85	86	81	80	83	85	89	90	83	87	87	88		83.8
	Minimum	67	69	62	62	59	59	67	63	64	64	69	70	68	69	67	73	67	64	62	66	68	59	66	65	70	71	70	67	66	74		66.2
Batesville	Maximum	86	81	82	80	81	81	71	72	78	84	90	93	88	81	79	84	82	83	80	86	82	80	83	85	89	88	90	91	90	90		83.7
	Minimum	65	66	63	52	49	56	63	58	54	63	65	65	66	69	67	70	69	65	61	59	63	53	52	56	62	65	65	65	66	66		61.9
Bee Branch	Maximum	85	78	82	85	83	84	81	71	76	88	91	91	86	84	77	78	82	82	80	87	85	82	86	86	88	88	90	93	89	92		84.3
	Minimum	65	67	62	54	50	55	68	58	57	58	68	66	66	68	67	69	66	64	60	61	67	56	56	60	65	68	68	67	69	68		63.1
Bentonville ***	Maximum	81	78	73	71	78	76	62	73	76	88	89	86	77	83	76	80	74	76	76	84	77	77	82	86	87	78	88	88	84	85		79.6
	Minimum	64	58	56	51	47	57	51	58	58	65	65	63	68	67	68	67	63	63	54	60	58	54	55	63	69	64	63	69	66	68		61.1
Blytheville	Maximum	77	82	80	80	77	78	70	65	76	78	85	90	85	82	78	83	86	80	79	80	80	76	84	79	84	84	89	91	90	91		81.3
	Minimum	.	..	..	65	63	64	62	60	63	69	78	72	67	66	71	75	76	69	65	67	70	69	66	69	69	71	72	73	73	74		68.8
Booneville	Maximum	85	82	82	82	84	86	77	82	79	93	95	92	81	80	76	79	81	81	82	87	84	81	84	87	90	90	90	88	89	90		84.6
	Minimum	67	66	63	54	51	59	63	63	65	65	67	70	69	69	68	69	65	64	62	65	67	57	59	65	71	71	66	68	67	70		64.8
Brinkley	Maximum	90	85	88	85	83	88	80	78	80	90	92	92	93	84	82	87	89	84	83	88	86	83	87	90	92	93	97	94	95	93		87.7
	Minimum	68	67	64	59	55	55	64	61	60	58	70	68	70	72	69	71	70	65	66	62	71	60	59	61	63	66	70	68	69	67		64.9
Calico Rock	Maximum	84	78	80	77	81	82	66	73	78	91	91	91	89	82	80	82	82	78	79	90	83	80	83	86	91	89	92	93	88	88		83.6
	Minimum	67	62	63	54	49	59	61	59	57	58	69	67	67	68	70	69	68	66	62	61	72	55	56	60	66	72	67	67	69	68		63.6
Camden	Maximum	..	..	85	84	83	89	89	86	84	84	94	94	86	86	82	90	90	89	86	91	82	82	84	86	91	94	92	93	92	93		87.9
	Minimum	..	..	64	65	58	59	67	66	64	65	63	71	69	73	71	73	75	65	64	69	73	60	63	66	68	69	68	71	71	70		67.1
Carthage	Maximum	87	89	89	84	84	87	84	81	80	91	94	91	88	83	81	89	88	83	86	90	81	82	85	86	92	94	92	92	92	92		87.2
	Minimum	66	69	63	61	57	56	64	64	62	59	69	70	68	71	71	77	70	64	64	61	73	59	59	61	64	66	70	67	68	69		65.4
Center Point	Maximum	83	83	82	83	82	85	83	82	83	90	91	88	82	80	77	86	86	82	84	88	82	82	89	89	90	90	90	90	89	90		85.4
	Minimum	66	68	62	58	55	61	66	64	63	73	66	70	66	69	69	72	78	64	59	67	69	57	59	62	63	71	71	67	69	70		65 8
Conway	Maximum	88	84	84	86	83	86	80	75	80	92	93	92	88	82	80	83	85	83	82	91	84	82	86	87	92	91	91	93	91	92		86.2
	Minimum	67	69	63	57	54	57	64	61	59	60	70	70	68	69	70	72	67	65	63	65	68	58	59	68	68	70	69	69	70	70		65.3
Corning	Maximum	86	71	82	80	80	83	75	72	80	83	90	90	89	79	82	87	86	79	78	80	80	81	86	88	91	91	92	95	92	93		84.0
	Minimum	66	66	64	54	52	58	58	56	54	57	70	64	69	68	68	70	67	65	58	58	75	55	56	59	64	67	69	66	71	70		63.1
Dardanelle	Maximum	88	84	84	84	84	87	82	77	78	92	92	91	85	82	77	80	83	81	82	90	85	83	84	85	92	90	90	90	89	89		85.3
	Minimum	68	68	63	57	56	61	63	63	63	62	70	72	69	69	68	70	66	64	63	63	68	58	59	65	70	70	68	69	70	70		65.5
Dumas	Maximum	95	95	85	87	84	92	89	85	90	89	96	94	95	86	84	93	94	88	88	92	86	85	88	91	95	98	93	94	91	92		90.5
	Minimum	70	70	64	65	58	55	66	67	66	67	60	72	70	73	70	71	75	65	65	66	74	61	58	62	65	66	69	69	68	69		66.5
Dutton	Maximum	79	74	70	75	76	79	64	75	71	85	86	85	78	79	77	72	72	74	75	82	75	76	80	80	85	78	85	85	85	82		78.0
	Minimum	58	55	55	41	36	48	53	56	54	55	59	56	61	62	60	66	60	59	50	50	63	46	47	56	66	65	55	68	62	62		56.1
El Dorado	Maximum	88	92	87	85	86	89	90	85	85	93	93	93	86	87	83	91	91	88	87	93	88	84	85	88	91	97	95	93	93	93		89.3
	Minimum	68	72	64	66	59	61	67	66	66	63	73	72	70	74	72	74	76	66	65	71	74	64	60	64	69	69	71	69	71	71		68.2
England	Maximum	88	88	81	83	81	85	82	74	82	88	93	93	90	81	82	86	86	83	81	87	84	80	85	87	91	92	90	93	92	90		85.9
	Minimum	68	70	63	60	57	56	65	62	60	60	70	72	68	72	69	71	68	65	65	65	72	60	60	64	65	68	70	69	70	69		65.8
Eureka Springs	Maximum	82	77	76	74	78	75	62	71	76	87	88	85	79	81	76	77	76	74	76	83	79	76	81	84	86	82	83	86	83	84		79.2
	Minimum	62	57	59	52	48	59	51	57	57	64	70	63	65	66	66	67	63	61	53	58	63	53	55	61	68	65	63	67	63	66		60.7
Fayetteville	Maximum	82	79	75	74	76	78	65	74	74	86	88	87	77	80	74	77	77	75	76	83	81	76	82	83	87	85	88	86	85	84		79.8
	Minimum	64	58	61	51	47	59	53	59	60	66	68	64	67	67	68	68	63	63	56	60	65	53	55	62	71	66	61	67	66	67		61.8
Fort Smith***	Maximum	86	82	81	80	84	89	72	82	77	90	93	89	78	82	74	77	83	81	80	90	82	80	83	90	93	84	90	88	90	90		84.0
	Minimum	68	63	64	59	54	64	62	64	65	66	71	66	69	69	71	68	64	66	66	62	67	62	63	69	72	69	67	71	70	71		66.1
Gravette	Maximum	80	78	74	71	79	79	65	74	76	88	91	87	76	82	78	80	75	76	77	84	77	77	83	86	87	80	88	88	84	85		80.2
	Minimum	..	57	57	48	43	51	51	50	57	63	65	62	62	66	68	67	63	61	53	58	62	50	55	61	66	63	61	66	65	66		59.2
Harrison	Maximum	84	79	76	83	82	84	63	68	76	91	90	84	79	84	74	77	83	76	80	88	78	80	83	84	90	86	88	88	85	88		81.7
	Minimum	64	59	59	50	46	56	55	57	56	62	68	63	65	66	68	69	65	63	56	60	61	52	53	58	66	68	62	64	64	58		60.4
Helena	Maximum	90	88	80	82	79	85	84	74	79	85	90	91	91	81	78	87	86	82	80	86	83	80	83	90	90	91	90	94	91	90		85.3
	Minimum	68	66	65	62	55	58	66	65	61	60	70	69	70	71	69	70	75	66	65	63	72	61	58	59	63	68	69	68	69	68		65.6
Highland	Maximum	85	83	88	83	82	85	82	81	85	90	90	90	82	81	79	86	93	89	80	91	85	85	85	88	90	92	92	91	92	91		86.5
	Minimum	66	68	61	64	57	60	66	64	62	62	64	66	66	68	69	72	64	62	64	67	66	59	61	66	70	70	71	67	67	68		65.2
Hope	Maximum	89	89	85	84	87	91	88	84	84	94	91	91	85	87	80	89	91	86	91	90	83	..	90	93	96	..	..	97	96	93		89.0
	Minimum	65	69	62	62	59	61	65	56	65	65	70	70	67	71	70	68	70	71	64	69	62	..	59	64	69	..	..	66	70	70		65.9
Hot Springs	Maximum	87	89	86	88	87	90	85	85	81	93	95	94	87	80	77	84	87	82	87	89	85	85	89	89	94	94	93	94	93	95		88.2
	Minimum	67	70	62	58	56	59	65	63	63	61	72	71	66	68	69	72	67	64	65	65	67	58	59	63	69	71	69	67	68	69		65.4
Jonesboro	Maximum	89	81	81	81	80	85	78	73	78	85	89	92	88	82	77	85	85	82	79	86	83	81	85	88	90	91	91	92	90	91		84.6
	Minimum	71	67	64	57	55	61	62	58	58	58	72	64	72	69	69	69	68	66	62	62	71	58	58	59	63	69	69	69	69	68		64.6
Lead Hill	Maximum	85	75	77	74	84	80	65	74	75	92	94	91	82	87	77	78	83	77	79	92	78	79	88	85	94	83	92	88	88	89		82.8
	Minimum	64	59	59	48	45	53	54	57	56	59	65	63	66	66	67	69	65	67	56	58	66	51	50	57	66	67	61	63	66	64		60.2
Little Rock.*.**	Maximum	86	83	81	82	80	84	74	72	78	87	91	89	87	80	80	85	86	81	81	87	82	78	82	85	90	89	87	90	90	90		83.9
	Minimum	70	70	62	64	60	62	64	60	62	62	71	71	70	70	70	70	66	65	66	67	69	64	66	67	72	72	70	68	71	71		67.1
Lutherville	Maximum	84	78	82	82	80	85	73	75	74	89	91	90	83	78	75	75	80	78	79	87	81	86	82	82	90	85	90	89	84	88		82.5
	Minimum	65	62	60	54	53	60	60	60	65	63	69	67	66	66	68	67	63	63	59	60	66	55	58	63	67	69	65	66	67	68		63.1
Magnolia	Maximum	86	90	90	85	84	88	89	85	84	92	91	90	87	85	82	90	91	95	85	90	92	88	92	88	91	92	94	92	92	93		89.1
	Minimum	67	70	63	67	60	63	66	67	66	65	72	70	69	73	72	75	76	65	63	71	64	61	60	67	69	70	71	68	70	70		67.7
Mammoth Spring	Maximum	83	73	79	75	80	79	71	69	75	83	85	87	84	79	78	82	82	78	76	82	80	78	81	83	87	86	87	89	86	86		80.8
	Minimum	66	62	61	52	50	51	54	54	55	58	64	65	64	68	67	69	67	64	57	57	67	56	56	57	62	64	64	66	68	65		61.0
Marianna	Maximum	88	89	89	82	81	84	81	76	84	84	89	91	88	82	80	87	87	85	83	85	84	82	85	85	88	92	91	92	89	94		85.9
	Minimum	73	66	66	65	60	59	68	64	64	64	72	70	73	71	70	71	72	67	66	65	77	63	62	62	65	69	72	71	71	70		67.6
Marked Tree	Maximum	90	85	80	81	79	85	75	76	86	85	87	92	90	83	80	86	85	82	78	86	82	80	84	87	90	92	89	93	91	90		85.0
	Minimum	69	62	57	54	56	60	58	58	56	62	64	68	69	68	69	67	60	63	60	66	59	58	57	61	65	69	67	68	68	68		62.9
Marshall	Maximum	82	76	77	76	79	83	69	70	74	90	90	88	83	80	77	81	80	77	78	88	83	76	82	83	90	87	89	87	90	88		81 8
	Minimum	64	60	61	50	46	59	59	57	58	62	67	63	63	67	69	69	70	63	59	60	67	52	52	63	69	71	63	64	66	69		62.1
Mena	Maximum	84	85	81	80	85	85	80	83	81	91	91	90	81	78	73	82	84	80	82	86	82	78	86	88	90	89	89	88	88	89		84.3
	Minimum	67	66	61	54	53	59	60	63	65	62	68	69	67	67	67	72	64	63	59	69	65	55	57	62	73	72	66	65	65	69		64.1
Morrilton	Maximum	85	82	86	84	82	84	75	83	78	90	89	90	85	80	78	80	83	84	81	88	82	81	81	82	88	89	91	89	88	90		84 3
	Minimum	71	71	60	62	59	61	64	61	61	62	70	71	69	70	70	70	68	86	65	68	63	71	63	65	71	72	69	71	74	72		67.0
Mountain Home	Maximum	83	73	79	76	81	70	65	74	78	92	92	88	84	84	79	81	81	82	78	89	81	79	83	87	92	88	90	92	85	88		82.5
	Minimum	64	58	59	50	47	55	55	56	53	58	67	63	66	66	67	67	65	62	56	58	67	52	53	58	63	68	64	65	67	67		60.5
Mount Ida	Maximum	85	85	82	83	83	84	79	83	79	92	93	89	84	79	77	83	86	82	85	88	83	81	83	85	90	91	88	90	89	91		85.1
	Minimum	65	70	61	53	51	52	62	64	62	59	62	66	66	68	66	72	66	63	57	57	66	53	53	68	67	65	66	68	62	66		62.5
Newport	Maximum	83	77	79	79	79	80	77	73	74	84	90	94	92	85	77	85	87	82	78	85	81	81	83	84	89	89	90	92	93	91		83.8
	Minimum	62	69	64	57	53	58	64	50	57	60	70	67	71	67	70	72	69	66	64	64	74	61	60	62	66	62	70	71	70	70		64.7
Okay	Maximum	87	85	83	88	85	89	90	83	84	94	93	91	88	85	81	87	90	91	88	91	90	85	86	92	93	94	94	93	92	93		88.8
	Minimum	66	62	63	61	56	60	59	65	63	63	67	67	66	69	70	70	72	64	61	67	70	60	59	65	70	71	70	66	69	70		65.4
Ozark	Maximum	86	80	80	81	84	85	72	78	75	92	90	91	81	80	74	72	79	80	83	90	84	84	81	84	90	86	90	88	87	84		83.0
	Minimum	67	66	67	55	50	62	62	64	66	64	68	68	70	68	70	68	65	64	59	63	68	56	58	66	70	68	65	69	68	70		64.8
Pine Bluff	Maximum	87	88	80	80	76	85	80	76	79	88	92	88	89	82	82	88	88	85	84	88	83	80	83	86	89	91	88	90	91	90		85.2
	Minimum	69	70	63	65	62	58	69	64	65	62	72	72	70	73	70	72	76	65	66	67	74	65	61	65	67	69	73	70	72	70		67.9
Pocahontas	Maximum	86	76	80	80	80	81	78	71	79	83	88	90	88	82	79	85	84	81	78	83	82	80	84	85	89	89	90	92	91	88		83.4
	Minimum	67	65	62	51	52	57	57	55	53	55	70	61	67	66	68	66	65	64	58	55	74	56	55	55	61	65	67	65	70	66		61.6
Portland	Maximum	92	89	84	85	82	90	90	88	85	92	95	92	93	93	84	90	94	86	88	92	87	83	85	88	91	96	96	93	93	90		89.5
	Minimum	68	68	63	65	59	55	64	67	64	60	68	68	69	73	70	70	75	65	62	66	72	64	57	61	62	63	66	67	67	73		65.7
Prescott	Maximum	88	89	84	85	86	89	89	83	84	92	93	92	89	88	84	91	91	88	87	91	88	83	87	89	92	94	91	92	93	93		88.8
	Minimum	66	69	62	62	58	59	66	64	63	64	70	70	67	70	70	73	75	64	62	69	73	62	60	64	67	69	72	67	69	70		66.5
Searcy	Maximum	86	82	83	82	81	83	79	73	78	87	89	89	87	83	78	84	84	81	81	86	85	81	82	84	88	90	89	91	89	90		84.2
	Minimum	68	68	62	59	54	58	64	59	58	60	70	68	69	70	69	68	69	65	64	63	68	59	60	62	68	69	70	70	70	69		65.0
Stuttgart	Maximum	90	90	79	82	85	87	82	77	82	89	95	92	92	81	82	87	89	84	83	89	86	82	87	88	90	92	92	95	92	93		87.1
	Minimum	70	70	64	61	57	57	65	63	61	59	69	72	70	73	70	71	71	64	62	64	73	59	60	63	65	68	71	70	71	70		66.1
Subiaco	Maximum	86	80	84	83	85	88	75	81	79	92	94	91	83	80	75	79	84	81	82	88	82	84	86	87	91	88	91	90	89	88		84.9
	Minimum	65	67	63	56	54	61	62	62	63	63	63	67	68	68	69	69	64	64	63	64	67	55	58	65	72	69	66	68	67	68		64.3
Sunset	Maximum	74	72	70	71	76	76	65	75	68	85	86	85	73	76	70	70	69	71	74	78	74	72	78	79	82	77	84	83	81	79		75.8
	Minimum	64	56	57	55	50	57	55	58	60	63	68	64	64	63	65	69	59	59	54	56	62	53	55	64	68	64	64	66	64	63		60.6
Texarkana	Maximum	89	86	82	83	84	87	89	85	85	92	92	91	87	85	80	90	89	84	86	90	86	85	85	90	92	93	93	92	92	91		87.8
	Minimum	66	67	60	60	57	61	65	64	61	63	68	68	66	68	69	70	73	62	60	67	71	59	58	63	68	69	70	68	68	69		65 3
Thornburg	Maximum	84	85	82	82	82	82	74	77	79	91	92	91	83	78	77	80	84	80	82	88	82	81	84	84	90	90	90	89	87	88		83.9
	Minimum	65	70	60	51	50	54	60	60	50	65	65	68	62	67	67	72	65	63	57	67	67	52	53	53	67	70	62	60	67	68		61.9
Warren	Maximum	91	93	87	85	85	88	90	91	84	93	96	94	92	91	89	93	93	92	87	92	91	..	93	92	94	96	93	92	95	94		91.2
	Minimum	65	68	64	62	63	67	61	65	64	71	62	70	71	70	71	70	71	65	65	69	61	..	69	70	62	63	70	66	70	70		66.7
Wilson	Maximum	92	90	80	81	79	82	82	72	72	86	88	92	92	84	80	87	87	85	78	85	86	80	83	86	91	90	89	91	90	88		84.9
	Minimum	69	65	62	58	54	57	62	59	53	54	70	65	70	68	69	73	65	66	61	62	74	54	62	55	62	66	69	66	67	68		63.5
Wynne	Maximum	91	88	79	82	80	87	75	72	79	87	90	94	90	82	80	86	86	82	80	87	82	80	83	88	91	93	88	93	91	91		85.2
	Minimum	69	66	63	57	52	56	59	57	58	57	67	64	67	69	62	67	68	64	62	60	74	55	54	56	63	66	66	68	68	68		62.7

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark.—7-26-35-1100

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XL LITTLE ROCK, ARK., JULY, 1935 No. 7

GENERAL SUMMARY

Temperatures were above normal in the northwestern portion of the State during the month except for four or five days, while they were not quite so high in central and eastern portions. The warmest weather occurred in most sections during the latter part of the month when temperatures were near 100° in the northern portion and 100° or slightly higher in central and southern portions. The average temperature for the State, based on the reports of 62 stations, was 82.2° which is 1.8° above the mean for the past 45 years, only two stations having negative departures. Monthly means ranged from 75.8° at Dutton to 85.0° at Fort Smith and Hot Springs. The highest temperatures reported was 107° at Hot Springs on the 31st; the lowest, 53° at Dutton on the 15th. The greatest daily range was 39° at Rogers on the 14th and at Mount Ida on the 15th.

Showers occurred during the first three days of the month with an inch or more rainfall at a number of stations. Rainfall exceeding one inch occurred in the northwestern portion and in southwestern border counties either the 12th or 13th and light to moderate showers from the 20th to the 27th. The distribution was irregular and some sections received no rain after the 13th and in one instance none after the 3d. The average precipitation for the State for the 90 stations reporting was 2.31 inches which is 1.47 inches below the mean for the past 45 years. Of the stations with records of 10 years or more, only 17 had positive departures. Monthly totals ranged from 0.07 inch at Marianna to 5.93 inches at Wilson. The greatest amount measured in any 24-hour period was 4.80 inches at Dardanelle on the 13th. The average number of rainy days was 5.

The weather during July was mostly favorable for cotton. Some sections had too much rain the first few days of the month and fields were grassy because of the heavy rainfall during June, but with a week of fair weather much improvement was noted. The greater portion of the crop is late except in some southern counties. Some cotton was planted in the overflowed areas after the high water subsided. However, blooms were reported in central and southern portions during the first week of the month and in the northern portion by the middle of the month. The weather during the first half of the month was favorable for corn but thereafter in areas where no rainfall occurred it was too hot and dry. In some sections of the uplands and in the southern portion rain was needed badly at the close of the month and considerable damage was reported. Meadows, pastures and truck crops were also damaged in some localities. Rice is in good condition.

T.A.M.

Tornado:

Jasper, 12th, 2:15 p. m., from northeast, path 300 ft. wide, three people injured, property damage $75,000.

Moderate Hail:

17th, Sunset, no damage reported.

Corrections, June, 1935

Marked Tree:--Minimum temperature on 1st should be blank: others advanced one day: date of lowest should be 5th: mean minimum temperature should be 62.7°: mean temperature 73.8°: departure from normal −4.2°.

Error on page 26:--Pocahontas, mean temperature should be 81.4°; departure +1.2°.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29 99	30.19	19	29.79	31	5.4	17	se	2	..	.	..	87
Fort Smith	29.97	30.15	19	29.81	31	5.2	21	e	12	80	51	53	83
Little Rock	30.00	30.20	19	29.81	8	6.1	27	ne	22	82	54	62	89
Memphis	29.99	30.21	19	29.79	7	6.0	24	n	12	78	54	62	89

COMPARATIVE DATA FOR JULY

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	−3.9	103	50	7.24	+3.46	12.86	2.10	0	10	13	8	10
1892	79.0	−1.4	104	52	3.58	−0.20	7.51	0.65	0	10	10	11	10
1893	80.9	+0.5	103	59	2.94	−0.84	7.31	0.51	0	6	17	11	3
1894	78.4	−2.0	108	51	3.98	+0.20	10.52	1.08	0	6	17	9	5
1895	78.9	−1.5	104	55	7.34	+3.56	16.74	1.34	0	12	12	10	9
1896	83.4	+3.0	110	52	1.61	−2.17	7.50	0.00	0	4	16	11	4
1897	82.4	+2.0	109	50	3.25	−0.53	8.19	0.65	0	5	16	11	4
1898	79.9	−0.5	105	50	4.25	+0.47	13 97	0.60	0	8	12	13	6
1899	79.0	−1.4	100	52	5.14	+1.36	10.12	0.97	0	8	15	11	5
1900	79.7	−0.7	102	51	4.46	+0.68	8.37	1.09	0	9	10	15	6
1901	83.7	+3.3	116	50	2.49	−1.29	7.55	0.20	0	6	15	13	3
1902	79.4	−1.0	105	50	4.49	+0.71	13.94	0.37	0	6	14	12	5
1903	79.6	−0.8	105	53	3.86	+0.08	8.27	1.31	0	9	13	12	6
1904	77.9	−2.5	104	49	4.43	+0.65	9.06	1.06	0	10	13	13	5
1905	76.7	−3.7	106	51	7.60	+3.82	22.35	1.84	0	13	10	13	8
1906	76.7	−3.7	99	48	5.96	+2.18	12.95	0.97	0	10	13	9	9
1907	81.4	+1.0	108	53	1.96	−1.82	5.32	T.	0	4	21	8	2
1908	79.2	−1.2	103	48	3.00	−0.78	5.95	0.97	0	8	15	12	4
1909	81.9	+1.5	106	50	2.51	−1.27	6.94	0.65	0	5	19	9	3
1910	79.4	−1.0	105	41	5.46	+1.68	12.44	0.10	0	10	15	12	4
1911	78.4	−2.0	106	43	4.83	+1.05	9.48	2.42	0	11	9	14	8
1912	81.3	+0.9	104	56	2.82	−0.96	7.15	0.38	0	6	15	13	3
1913	81.5	+1.1	104	55	4.31	+0.53	11 54	0.52	0	8	13	14	4
1914	82.6	+2.2	107	54	2.69	−1.09	7 51	0.32	0	7	11	15	5
1915	77.1	−3.3	107	43	2.40	−1.38	9.79	0.32	0	5	20	7	4
1916	82.8	+2.4	106	55	2.09	−1.69	5.89	0.25	0	6	19	9	3
1917	79.6	−0.8	106	50	5.10	+1.32	10.60	2.00	0	8	15	9	7
1918	79.6	−0.8	111	49	1.53	−2.25	5.93	0 06	0	4	19	7	5
1919	81.2	+0.8	104	54	1.91	−1.87	7.35	0.10	0	5	19	8	4
1920	79.8	−0.6	105	52	4.22	+0.44	8.40	0.85	0	7	15	10	6
1921	82.0	+1.6	107	54	2.42	−1.36	5.46	0.30	0	6	19	8	4
1922	80.2	−0.2	106	48	4.12	+0.34	8.90	0.96	0	7	14	11	6
1923	79.9	−0.5	105	48	3.53	−0.25	7 86	0.33	0	6	16	9	6
1924	79.0	−1 4	110	40	2.35	−1.43	9.46	0.00	0	5	18	8	5
1925	81.8	+1.4	109	47	4.99	+1.21	10.41	0.59	0	10	11	11	9
1926	79.8	−0.6	109	42	3.55	−0.23	8.03	0.61	0	8	17	9	5
1927	79 6	−0.8	104	49	4.25	+0.47	8.63	0.58	0	6	17	9	5
1928	80.3	−0.1	102	52	3.66	−0.12	9.84	0.46	0	8	17	8	6
1929	81.2	+0.8	105	51	3.07	−0.71	8.44	0.44	0	7	17	10	4
1930	84.7	+4.3	115	42	0.74	−3.04	3.80	0.00	0	2	21	8	2
1931	81.0	+0 6	106	43	6.00	+2.22	13 00	2.13	0	11	12	11	8
1932	82.5	+2.1	108	50	5.00	+1.22	12.31	1 67	0	9	16	9	6
1933	81.4	+1.0	109	55	5.01	+1.23	12.89	1.16	0	9	12	10	9
1934	85.5	+5.1	112	57	1.66	−2 12	5.71	0.04	0	4	20	9	2
1935	82.2	+1.8	107	53	2.31	−1.47	5.93	0.07	0	5	17	12	2
Period	80.4	.. ...	116	40	3.78	.....	22.35	0.00	0	7	15	11	5

Daily River Stages for July, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or Van Buren	Arkansas	22	19.7	21.3	19.7	17.6	15.3	13.7	12.8	12.0	11.3	10.8	10.3	9 5	9.0	9.3	8.6	8.3	7.9	7.3	7.3	7.1	7.1	6.9	6 6	6.3	6.3	6.0	5 8	5.8	5.7	5.6	6.0
Ozark	do	22	17.1	18.2	17.7	16.1	13.7	11.4	10.2	9.2	8.4	7.4	7.3	6.6	5.9	5.6	5.5	5.3	4.9	4.4	4.2	4.1	4.0	3.8	3.6	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.5
Dardanelle	do	22	18.8	18.9	19.8	19.2	17.7	15.9	14 3	13.5	12.6	12.0	11.8	11.2	10 9	10.2	9.7	9.7	9.5	9.2	8.8	8.6	8 4	8.3	8.2	8.1	7.8	7.6	7.5	7.3	7.2	7.2	7.0
Morrilton	do	20	17.7	18 0	18.6	18.1	16.3	14.2	11.9	10.6	9.8	8.8	8.0	7.5	7.7	6.7	6.2	6.0	5.5	4.9	4.4	4.0	3.8	3 5	3.4	3.2	2.9	2.6	2.4	2.2	2.1	2.0	1 8
Little Rock	do	23	19.0	19.0	18.9	19.0	18.0	16.1	13.8	11.9	10.6	9.6	8.7	8.0	8.2	7.9	7.0	6.5	6.3	5.8	5.5	5.1	4 8	4.6	4.5	4.4	4.4	4.0	3.8	3.6	3.4	3.3	3.2
Pine Bluff	do	25	25.1	23.9	23 9	23.7	23.4	22.2	20.2	18.3	16.7	15.5	14.7	13.9	13.4	13.3	12.9	12.3	12.0	11.7	11.3	11.0	10.6	10.3	10.2	10.0	10.0	9.9	9.5	9.3	9.1	9.0	8.8
Danville	Petit Jean	20	8.8	6.8	5.7	5.4	5.0	4.6	4.3	4.1	3.9	3.7	3.5	3.4	4 0	3 2	3.1	2.9	2.7	2.6	2.6	2.4	2.6	2.6	2.6	2.6	2.8	2.8	2 8	2.7	2.6	2.6	2.4

Climatological Data for July, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	700	40	83.2	+ 2.5	101	30†	65	14	30	0.50	−3 05	0.20	0.0	5	8	23	0	e.	J. W. Campbell
Arkadelphia	Clark	250	40	......	......	......	......	......	......	......	2.04	−1.79	1.43	0.0	8	17	12	2	ne.	W. K. Bown
Arkansas City	Desha	145	51	......	......	......	......	......	......	......	2.06	−1.56	0.99	0.0	5	26	2	3	......	Herbert Neff
Arlberg	Stone	700	13	......	......	......	......	......	......	......	..	......	..	...	..	.	..	..	......	
Batesville	Independence	277	36	80.3	+ 0.7	99	22†	57	14	32	5 34	+2.08	1.96	0.0	9	16	12	3	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	43	82.0	+ 1.6	100	31	62	14	33	3.26	−0.15	1.42	0.0	8	5	25	1	s.	J. E. Scanlan
Bentonville	Benton	1303	30	81.0	+ 3.6	97	31	63	14†	27	1.72	−1.98	1.28	0.0	4	8	20	3	sw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	5	......	......	......	......	......	......	......	2.45	......	0.95	0.0	5	28	2	1	......	C. J. Brooks
Black Rock	Lawrence	259	34	......	......	......	......	......	......	......	2.40	−1.25	0.93	0.0	11	25	5	1	s.	Vernon C. Howe
Blytheville	Mississippi	252	10	82.9	+ 0.9	100	31	68	15	26	3.09	−0.13	1.01	0.0	6	23	7	1	s.	Samuel Norris
Booneville	Logan	465	21	83.3	+ 2.0	103	31	11	14	33	2.65	−0.63	2.14	0.0	7	10	21	0	e.	F. H. Randolph
Brinkley	Monroe	205	48	83.2	+ 2.2	103	31	63	15	33	2.03	−1.80	0.52	0 0	7	25	5	1	se.	R. J Torry
Calico Rock	Izard	361	31	82.0	+ 2.1	99	30	61	14	30	4.41	+0.97	1.49	0.0	9	19	7	5	s.	W. M. Jones
Camden	Ouachita	158	50	84.0	+ 3.0	101	31	64	15	29	1.01	−2.78	0.42	0.0	3	18	11	2	w.	J M. Knight
Carthage	Dallas	297	30	82.4	......	100	31	63	14	31	0.73	−3.33	0.25	0.0	4	13	18	0	s.	P. K. Wylie
Center Point	Howard	470	36	81.8	+ 0.3	98	8	62	14	28	2.26	−1.46	0.82	0.0	5	18	12	1	s.	John C. Floyd
Clarendon	Monroe	172	31	......	......	......	......	......	......	......	1.09	−1.89	0 36	0.0	6	21	6	4	ne.	J. W. Bishop
Clinton	Van Buren	516	14	......	......	......	......	......	......	......	4 02	+1.65	1.34	0 0	8	3	27	1	nw.	A L. Stephens
Conway	Faulkner	309	52	83.6	+ 2 0	103	31	61	15	32	1.06	−2.31	0.65	0.0	6	17	12	2	s.	E. E Cordrey
Corning	Clay	293	42	82 8	+ 3.6	103	30	60	14	34	2 02	−1.44	0.55	0.0	7	20	10	1	s.	Winfred D. Polk
Cotter	Baxter	408	8	......	......	......	......	......	......	......	4.19	......	1.89	0.0	6	19	12	0	......	O. B. McSpadden
Crosset (near)	Ashley	175	23	81.8	− 0.6	98	7†	61	15	33	2.80	−1.55	1.55	0.0	4	13	15	3	ne	U. S. Forest Service
Danville	Yell	327	19	......	......	......	......	......	......	......	1.36	−1.80	0.98	0.0	4	17	13	1	......	J. M. Patterson
Dardanelle	Yell	320	49	83.6	+ 1.9	101	8†	64	14	29	5.25	+1 88	4.80	0.0	3	3	25	3	e.	Geo. N. Goodier
Deer	Newton	2200	2	78.6^{l}	......	95^{l}	31	62^{l}	15	25^{l}	1.21	......	1.16	0.0	2	15^{k}	0^{k}	5^{k}	s.	Mrs. J. M. Essex
Dumas	Desha	162	30	84 1	+ 2.3	105	31	64	15	32	1.35	−2.25	0.83	0.0	5	10	17	4	s.	Ben Johnson
Dutton	Madison	1590	33	75.8	+ 0.6	94	27	53	15	35	1 28	−2.93	0.86	0.0	6	20	11	0	n.	J. M. Ricketts
El Dorado	Union	270	35	84.0	+ 2.0	101	26	65	15	28	5.15	+1.21	2.00	0.0	7	21	7	3	......	L. E. Ellis
England	Lonoke	229	29	82.3	+ 1.0	100	31	64	14	30	3.26	+0.63	1.44	0.0	7	22	7	2	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	80.8	+ 2.8	98	31	62	14	30	0.89	−3.20	0.73	0.0	5	18	13	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	80.9	+ 2 9	98	27†	60	14†	32	0.63	−3.52	0.52	0.0	3	19	12	0	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	85.0	+ 3.5	101	31	68	14	24	0.85	−2.52	0.68	0.0	3	11	19	1	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	11	......	......	......	......	......	......	......	1.94	−1.79	0.60	0.0	6	25	6	0	sw.	R. J. McCuiston
Fulton	Hempstead	260	50	......	......	......	......	......	......	......	4.41	+1.09	1.86	0.0	6	22	5	4	......	T. J. Logan
Georgetown	White	200	23	......	......	......	......	......	......	......	2.96	+0.27	0.88	0.0	5	28	1	2	......	Mrs. W. R. Owens
Grannis	Polk	900	16	80.4	+ 1.6	99	8†	60	14	31	2.68	+1.39	1.31	0.0	5	17	13	1	se.	W. E. McVay
Gravette	Benton	1250	38	81.6	+ 4.4	99	29†	59	15	32	0.43	−3.68	0.25	0.0	4	16	15	0	s.	Max W. Schmidt
Harrison	Boone	1052	35	81.0	+ 4.2	101	31	60	14†	34	0.90	−3.13	0.37	0.0	5	22	9	0	......	Louis R. Keck
Helena	Phillips	250	63	82.2	+ 0.6	101	31	62	15	31	0.63	−3.13	0.42	0.0	2	13	12	6	n.	James A. Burnett
Higden	Cleburne	445	16	......	......	......	......	......	......	......	3.73	+0.87	1.59	0.0	7	22	6	3	sw.	Trumon Brown
Highland	Pike	600	16	83.0	......	101	14†	66	6†	32	2.61	+0.14	0.85	0.0	6	0	29	2	s.	J. O. Cooley
Hope	Hempstead	377	65	84.5	+ 3.1	105	8	63	15	32	0.49	−3.83	0 20	0.0	6	22	9	0	sw.	N. P. O'Neal
Hot Springs	Garland	600	44	85.0	+ 3.5	107	31	65	14†	33	0.42	−3.79	0.21	0.0	4	1	29	1	s.	National Park Service
Index‡‡	Little River	275	18	......	......	......	......	......	......	......	3.81	+0.53	1.23	0.0	6	24	3	4	......	H. C. Sanderson
Jessieville	Garland	750	9	......	......	......	......	......	......	......	1.55	......	1.00	0.0	3	5	26	0	sw.	U. S. Forest Service
Jonesboro	Craighead	345	40	83.0	+ 2.6	100	30†	66	14	28	1.92	−1.31	0.67	0.0	8	17	14	0	sw.	Benedictine Sisters
Lead Hill	Boone	650	29	80.8	+ 1.4	103	30	58	14	33	1.03	−3.25	0.62	0.0	4	21	10	0	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	82.3	+ 1.4	98	31	68	3	26	2.34	−1.16	1.13	0.0	13	10	16	5	e.	U. S. Weather Bureau
Lutherville‡‡	Johnson	775	36	82.2	+ 2.6	101	30	63	14	27	2.54	−1.15	0.90	0.0	6	19	9	3	sw.	H G. Lenhardt
Madison	St. Francis	209	5	......	......	......	......	......	......	......	4.81	......	2.58	0 0	6	24	0	7	......	J. W. Eppes
Magnolia	Columbia	315	19	83.0	+ 0.9	99	8†	65	15	27	2.60	−0.84	2.10	0.0	2	6	22	3	s.	State Agri. School
Malvern	Hot Springs	277	49	......	......	......	......	......	......	......	....	......	...	...	..	..	..	..	......	
Mammoth Spring	Fulton	600	31	79.7	+ 1 5	97	30	60	14	29	5.71	+2.30	4.22	0 0	5	17	12	2	sw.	S. F. Whittaker
Marianna	Lee	235	24	83 6	+ 2.8	99	31	66	14†	29	0.07	−2.99	0.05	0.0	2	15	16	0	s.	C. N. Houck
Marked Tree	Poinsett	229	31	82.2	+ 1 4	100	30†	65	15	30	1.77	−1.49	0.67	0.0	7	23	8	0	n.	Charles Walton
Marshall	Searcy	1070	21	79.6	+ 0.7	100	31	58	14	31	2.59	−1.19	1.05	0.0	6	14	11	6	s.	A. J. Parks
Mena	Polk	1207	47	81.6	+ 1.7	101	31	63	15	30	0.36	−3.68	0.21	0.0	2	17	9	5	sw.	E. W. St. John
Morrilton	Conway	347	16	83.5	+ 0.7	100	7	68	13	25	3 67	+1.22	2.45	0.0	3	21	8	2	se.	Hugh B. Wear
Mountain Home	Baxter	800	23	80.5	+ 2 3	98	30†	61	14	32	3.30	−1.04	2.00	0.0	3	13	16	2	sw.	B. S. Halbert
Mount Ida	Montgomery	650	36	80.0	+ 0.4	99	31	54	15	39	2.75	−0.82	1.15	0.0	5	17	9	5	e.	G. A. Whittington
Newport	Jackson	231	52	83.4	+ 2.2	101	30†	68	15	29	2.16	−0.90	1.39	0.0	5	15	15	1	n.	J. D. Henderson
Norman	Montgomery	750	7	......	......	......	......	......	......	......	2.57	......	1.40	0.0	6	17	12	2	......	U. S. Forest Service
Oden	Montgomery	800	9	......	......	......	......	......	......	......	0.69	......	0.25	0.0	5	14	14	3	se.	U. S. Forest Service
Okay	Howard	288	7	83 2	......	105	26	60	14	33	2.36	......	0.79	0.0	7	21	10	0	s.	Charles R. Jackson
Osceola	Mississippi	240	39	83.8	+ 3.4	101	31	65	14	33	3.60	+0.13	2.00	0.0	4	14	11	6	s.	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	83.6	+ 1 8	100	8†	64	14	30	1.22	−2.18	0.86	0.0	4	21	10	0	se.	Orkney O. Milton
Paragould	Greene	301	12	......	......	......	......	......	......	......	1.62	−1.46	1 37	0.0	3	26	5	0	s.	W. R. Heagler
Parkin	Cross	222	5	......	......	......	......	......	......	......	2.66	......	1.06	0.0	3	21	5	5	......	Carroll King
Patterson	Woodruff	196	19	......	......	......	......	......	......	......	2.76	−0 31	0.72	0.0	6	25	4	2	s.	W. E. Baker
Piggott	Clay	307	11	......	......	......	......	......	......	......	2.74	−0.99	1.00	0.0	6	21	8	2	sw.	V. C. Wright
Pine Bluff	Jefferson	215	48	83.4	+ 1.0	99	31	67	15	24	1.87	−1.57	1.00	0.0	5	9	19	3	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	42	81.3	+ 1.1	100	30	65	9†	29	4.56	+0.36	1.62	0.0	9	14	10	7	ne.	Benedictine Sisters
Portland	Ashley	122	29	82.2	+ 0.4	99	31	65	15	29	1.99	−1.85	1.47	0.0	6	14	15	2	sw	W E. Edmiston
Prescott	Nevada	329	47	84.4	+ 2.5	101	8	66	14	27	1.01	−2.20	0.50	0.0	7	16	13	2	s.	Craig Williams
Quitman	Cleburne	480	1	......	......	......	......	......	......	......	...	......	....	...	..	..	..	..	......	G. M. Hooten
Rison	Cleveland	243	35	84.9^{g}	+ 3.4	103^{g}	31	65^{g}	14†	33^{g}	..	......	..	0.0	..	19^{f}	4^{f}	2^{f}	......	Mrs. M. V. Tisdale
Rogers (near)	Benton	1385	45	81.0	+ 3.9	99	30†	59	14†	39	1.36	−2.72	0.57	0.0	6	20	8	3	s.	Carl A. Starck
Rosebud.‡‡	Faulkner	....	1	......	......	......	......	......	......	......	3.47	......	1 15	0.0	5	12	18	1	s.	Miss Clarice Maddox
St. Francis	Clay	290	8	......	......	......	......	......	......	......	3.21	......	1.62	0.0	6	24	5	2	......	S. T. Rooney
Searcy	White	236	25	81.9	+ 1.2	99	31	65	14	27	5.51	+2.95	2.85	0.0	8	25	3	3	ne.	Arthur D. Smith
Springbank	Miller	240	26	......	......	......	......	......	......	......	1.38	−2.27	0.52	0.0	7	20	4	7	......	Henry Field
Story	Montgomery	700	11	......	......	......	......	......	......	......	2.25	−1 35	1.06	0.0	6	21	9	1	ne.	S. C Story
Stuttgart	Arkansas	209	48	83.2	+ 2.2	101	31	65	14†	29	1.84	−1.78	1.69	0.0	2	17	13	1	e.	Mrs. Kress Swim
Subiaco	Logan	1050	38	84.2	+ 2.7	104	31	64	14	32	0.45	−2.86	0.29	0.0	5	16	11	4	ne.	New Subiaco Abbey
Sunset	Washington	2250	4	78.9	......	94	31	63	13	23	2.74	......	1.43	0.0	7	20	11	0	sw.	Walter James
Texarkana	Miller	332	50	82.7	+ 0.3	102	27	62	14	31	1.05	−2.37	0.75	0.0	3	15	16	0	s.	H. S. Brashear
Thornburg	Perry	650	15	79.6	+ 0.3	101	31	56	14	35	3.74	−0.45	2.20	0.0	7	12	18	1	s.	Edward E. Holmes
Waldron	Scott	675	16	......	......	......	......	......	......	......	0.81	−2.63	0.24	0.0	7	4	20	7	se.	Dr. Cheves Bevill
Warren	Bradley	206	41	84.9^{b}	+ 2 7	103^{b}	30	67^{b}	14	29^{b}	0.80	−2.54	0.50	0.0	5	16^{b}	13^{b}	0^{b}	......	Miss Sue Hoyle
Waters	Montgomery	800	11	......	......	......	......	......	......	......	1.51	−2.12	0.37	0.0	5	13	14	4	e.	J R. Huddleston
Whitecliffs	Little River	290	29	......	......	......	......	......	......	......	2.15	−0.26	2.15	0.0	1	26	1	4	......	William W. Davis
Wilson	Mississippi	237	10	80.7	− 0.1	96	7†	62	10†	28	5.93	+1.91	1.59	0.0	9	24	2	5	s.	D O. Anderson
Wooley Hollow.‡‡	Faulkner	....	1	......	......	......	......	......	......	......	...	......	.	...	..	..	..	..	......	Ross Shumate
Wynne	Cross	250	27	81.4^{b}	+ 0 1	101^{e}	31	60	15	33^{e}	1.43	−1.96	0 85	0.0	3	18	13	0	s.	R. T. Cobbs
Yancopin	Desha	167	11	......	......	......	......	......	......	......	2.49	−1.10	2.30	0.0	3	14	13	4	......	W. E. Barton
State Means				82 2	+1.8	107	31	53	15	39	2.31	−1.47	4.80	0.0	5	17	12	2	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hours ending 7 a. m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for July, 1935

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita		.02										.16					.10		.20			.02										0.50
Arkadelphia ‖	Ouachita			1.43	.04					.03										.16	.09			.03		.17			.09				2.04
Arkansas City ‖	Mississippi		.34	.03																.99			.63	.07	T								2.06
Arlberg	White																																....
Batesville ‖	White			1.96										.95			.01	.09		.24	.98	.60		.38				.13					5.34
Bee Branch	Arkansas	.60	.12		.05								1.42	.08						44				.30		.25	T.						3.26
Bentonville ***	Arkansas		1.26	.03							T.		T.						T.	.42								.01					1.72
Big Lake Outlet ‖	St. Francis			T.	.58			T.									T.	T.		T.		.95	T	.40			.29	T.			.23		2.45
Black Rock ‖	White	.16	.03	T.		.10								.22			.06		.09	.57		.02	.15	.93			.07	T.					2.40
Blytheville ‖	St Francis							T.												T.		1.01	.76	50	.13		.26				.43		3.09
Booneville	Arkansas				.04						.01		.09					.09		2.14		.23					T.	.05					2.65
Brinkley ‖	White	.39	.02	.24																.45		.36				.05	.52						2.03
Calico Rock ‖	White	T.		1.49						.10				.64						.18	.14	26		.86	T.		.36	.38					4.41
Camden ‖	Ouachita	.42	.20	.39																													1.01
Carthage	Ouachita		.12																.20		T.	.16	.25		T.	T.	T.						0.73
Center Point	Red		.21	.29										T.					.32	.82						.62							2.26
Clarendon ‖	White	.32		.04																.10	.14			.13					.36				1.09
Clinton	White	T.	.50	.49									.98						.25	T		1.34	.01			.38	.07						4.02
Conway	Arkansas		.22										.65	.02							.05		T.	.06		T.	.06						1.06
Corning ‖	White				.12									.38						T.	.11		.55	.55			.02	.29					2.02
Cotter	White				.91					.43				1.89							.35	33					.28						4.19
Crossett [near]	Ouachita		.25	.06																			.94				1.55						2.80
Danville ‖	Arkansas	T.			.28									.98							.04							.06					1.36
Dardanelle ‖	Arkansas	.05			.40									4.80																			5.25
Deer	White			.05									1.16																				1.21
Dumas	Mississippi	T.	.23	T.		T.													.04		T.	T.		T.		.83	13	.12			T.	T.	1.35
Dutton	White	T.	T.	.09							T.		.86					.11		.04		T.	.06				.12						1.28
El Dorado ‖	Ouachita	.06	1.50	78										.67						.01			.13					2.00					5.15
England	Arkansas		1.44	T	.06				.47				.10						T.		T	.71		.04	.44							T.	3.26
Eureka Springs	White			.05									.02						.07	.02				.73									0.89
Fayetteville	White		T.	52									.02					T.	T.	.09				T.				T.					0.63
Fort Smith ***	Arkansas			T									.12					T.	T.	.68								.05					0.85
Freeman Sprgs. ‖	Arkansas	.22		04	.51						.06			.51														.60					1.94
Fulton ‖	Red			1 86	.62									.26						T.			05	.48				T.	1.14				4.41
Georgetown ‖	White			.87										.35						.45	T.			.88				.41					2.96
Grannis	Red		.85	T.							T.		1.31					T		.33				.07	T.			.12					2.68
Gravette	Arkansas				.25							.02							.01		.15												0.43
Harrison	White	.15		.23									.10											.05				.37					0.90
Helena ‖	Mississippi	.42		.21																													0.63
Higden	White	.08	.04										1.59							.18		.37			.56		.91						3.73
Highland	Ouachita		.06	.80									.50				.25			.85		.15											2.61
Hope	Red		.20										.05					T.	.05	T.		.05		.08	.06								0.49
Hot Springs	Ouachita		T.										.06							.21	.05		.10										0.42
Index	Red		.96		.39									.30									1.23		.18				.75				3.81
Jessieville ‖	Ouachita													.15								.40					1.00						1.55
Jonesboro ‖	White					.01														.60		.10	.67	.30			.17	.02			.05		1.92
Lead Hill	White	T.	.62	.03					T				.28							T	T	T.		T.		.10		T.					1.03
Little Rock ***	Arkansas	.16	.14			.29			.03				.08						.07	01		.05	1.05	.08	.04	.15	.19						2.34
Lutherville	Arkansas			.90					.18				.67					.47						.27	T.		T.	.05					2.54
Madison ‖	St. Francis	.60			1.10															.18			.17	.18			2.58						4.81
Magnolia	Red		2.10										.50											T.									2.60
Malvern ‖	Ouachita																																
Mammoth Spg ‖	White			.63										.63										.17		.06	4.22						5.71
Marianna	St. Francis			.05																							.02						0.07
Marked Tree ‖	St. Francis		.14	.46	.01															.10		.19	.17								.67		1.77
Marshall	White	.31	.66	.20									1.05								.30						.07						2.59
Mena ‖	Ouachita				T.							T.		.15				T.		T.								.21					0.36
Morrilton ‖	Arkansas			40										2 45														.82					3.67
Mountain Home	White								.05				2.00				T.										1.25						3.30
Mount Ida	Ouachita			1.15									.23					.77		.46							.14						2.75
Newport ‖	White			.06										.15						.51				1.39			.05						2 16
Norman ‖	Ouachita		.02	1.40									T	38				T.	T.		.06		.01			T.	.70						2.57
Oden ‖	Ouachita													.25					.22	.06	.11							.05					0 69
Okay	Red		T	.42	.18				.73				.04	.15				T.				05			T.			.79					2.36
Osceola ‖	Mississippi			.40																		2.00						.95		.25			3 60
Ozark ‖	Arkansas			T.										.86							.11							.05	.20				1.22
Paragould ‖	St. Francis			1.37				.20																.05									1.62
Parkin	St. Francis				1.00																.60						1.06						2.66
Patterson ‖	White		.39										.25						.38				.42	.72			.60						2.76
Piggott	St. Francis			.02	.30														.20	T.	T.	.90	1.00			.32							2.74
Pine Bluff ‖	Arkansas			.81	T					.01				T.						.04			.01					1.00					1 87
Pocahontas	White	.12		.13									.23						1.62	.90		.03	.18	.43		.92							4.56
Portland ‖	Ouachita	.02		1.47																			.07		08	.17			.18				1.99
Prescott ‖	Ouachita	.04		.02										.05							.50		16	.05					.19				1.01
Quitman ‖	Arkansas																																
Rison	Ouachita																					.85					.25						....
Rogers (near)	White											.17							.04	.57			.02	.48				.08					1.36
Rosebud	Arkansas								*	.85			1.15							.63				.84									3.47
St. Francis ‖	St. Francis	T.						T											T.	.27		.22	.20	1.62			.72	.18					3 21
Searcy	White	2.85	.10							.12			.43						T.	.56		90		.43		.12							5.51
Springbank	White	T.		08	T.						T			.15					T.	.23	.02		T.		.23		.15	.52					1.38
Story ‖	Ouachita		.10	1.06						.43			T.	.24							.16	.26											2 25
Stuttgart ‖	Arkansas			1.69																		.15	T.										1.84
Subiaco	Arkansas			T.					.01	T			.29	T.			T.				.02				T.		.01	.12				T.	0.45
Sunset	Arkansas		.53	.39							06		1.43	.01				.20		T.								12					2.74
Texarkana ‖	Red			.20										.75											T.		.10						1.05
Thornburg	Arkansas	1.01											2.20	T.					T.	.08	.05	T.	.06	.32				.02					3.74
Waldron	Arkansas			.11		.06					.03		.12				T.		.03	.24			.22					T.					0.81
Warren	Ouachita	.12	.50																T.		T.	.05	.10				03						0.80
Waters ‖	Ouachita													.37					.32		.36			.25				.21					1.51
Whitecliffs	Red													2.15																			2.15
Wilson ‖	Mississippi		.49	.20														.45		.15			.95	.25	.45		1.59				1.40		5.93
Wooley Hollow	Arkansas																																..
Wynne ‖	St. Francis		.47																	.11			.85										1.43
Yancopin ‖	Arkansas	01		2.30		T.														T.			T.					T.	.18				2.49

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ozark Beach, Mo	White	30	6.6	5.8	4.9	5.6	4.9	4.7	4.0	4.2	2.3	-1.0	1.9	2.6	1.8	-0.6	1.8	0.8	1.2	0.1	0.9	0.8	0.9	1.0	0.7	-0.9	1.0	0.9	0.9	1.0	0.9	1.0	-1.0
Cotter	do	21	6.8	6.8	6.8	7.5	7.2	6.9	6.7	5.8	5.5	5.5	5.0	4.8	4.8	4.8	4.6	4.5	4.3	4.2	4.2	4.2	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.7
Calico Rock	do	18	6.2	6.3	6.8	6.6	5.9	5.8	5.2	4.8	4.6	3.8	3.4	2.7	5.0	3.9	3.2	2.5	2.4	2.4	2.2	2.1	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.9	2.0	1.7	1.2
Batesville	do	23	12.5	12.2	13.9	12.7	13.0	12.3	11.8	11.0	10.7	10.3	9.4	8.9	9.1	10.3	9.3	8.7	8.0	8.0	8.0	8.0	8.1	7.6	8.4	7.4	7.4	7.4	7.2	6.8	6.9	6.9	6.6
Newport	do	26	20.3	19.7	19.3	19.5	19.1	18.7	18.3	17.6	16.9	16.1	15.2	14.0	12.7	12.4	11.8	10.4	9.2	8.0	7.5	7.1	7.0	7.4	8.4	9.6	8.7	8.1	8.1	8.1	7.7	7.4	7.0
Georgetown	do	21	24.0	23.3	22.7	22.2	21.9	21.6	21.4	21.2	21.0	20.7	20.4	20.1	19.7	19.2	18.7	18.0	17.0	15.8	14.6	13.4	12.4	11.5	11.5	12.0	12.5	12.7	12.2	11.5	10.8	10.6	10.3
Clarendon	do	26	31.5	31.2	30.7	30.2	29.6	29.1	28.5	28.1	27.6	27.3	27.0	26.7	26.5	26.3	26.0	25.7	25.4	25.1	24.8	24.3	23.7	23.1	22.3	21.6	21.0	20.6	20.3	20.0	19.7	19.2	18.9
Gilbert	Buffalo	30	4.7	4.5	4.4	4.2	4.4	4.3	4.2	4.0	3.9	3.8	3.6	3.5	5.4	4.3	4.0	3.9	3.7	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2
Black Rock	Black	14	18.8	18.5	18.2	17.8	17.2	16.6	16.0	15.7	14.3	13.4	12.2	11.1	10.7	9.9	8.9	8.0	7.3	6.8	7.4	7.0	8.2	10.0	9.3	9.7	9.4	11.3	10.7	9.8	9.0	8.6	7.9
Arkadelphia	Ouachita	17	6.5	5.6	6.5	6.1	5.0	4.8	5.4	6.2	5.0	5.0	4.8	5.2	4.4	4.1	4.4	4.2	4.0	4.4	4.3	4.4	4.4	4.0	5.0	4.2	4.1	4.0	4.0	4.0	3.9	3.9	3.9
Camden	Ouachita	26	13.0	12.0	9.2	8.3	7.8	7.2	6.0	5.9	6.2	6.2	5.8	5.6	5.1	5.2	4.9	4.8	4.6	4.5	4.1	4.5	4.5	4.5	4.4	4.2	4.0	4.0	4.1	4.2	4.2	4.2	4.0
Fulton	Red	25	24.2	22.1	20.8	20.4	19.2	18.0	16.7	14.9	13.7	12.8	12.2	11.6	11.0	10.6	10.6	10.3	9.9	9.3	9.7	11.3	11.1	10.3	9.8	9.3	9.0	8.6	8.5	8.4	8.1	8.0	7.8
Helena	Mississippi	41	41.3	41.6	41.8	41.8	41.7	41.4	40.9	40.3	39.3	38.3	37.6	36.5	35.5	34.4	33.4	32.3	31.2	30.0	28.6	26.5	23.9	21.8	20.0	19.1	18.4	18.4	18.9	19.3	19.6	20.4	21.8
Arkansas City	do	48	48.4	48.3	48.1	47.9	47.7	47.5	47.1	46.8	46.2	45.5	44.6	43.6	42.5	41.3	40.2	38.9	37.8	36.4	35.2	33.7	31.9	29.9	27.8	25.6	23.7	22.7	21.2	20.7	20.5	20.4	20.6

Daily temperatures for July, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	91	88	93	87	91	96	97	98	96	96	95	89	87	90	95	97	95	93	87	97	97	98	95	95	98	96	99	98	98	101	101	94.5
	Minimum	69	71	67	73	73	72	74	75	76	77	70	71	69	65	69	67	69	72	70	72	75	72	74	73	72	73	76	71	73	73	73	71.8
Batesville	Maximum	92	92	91	90	93	94	98	97	93	91	93	90	89	88	93	95	93	93	91	93	94	99	89	91	93	94	92	94	96	99	98	93.2
	Minimum	67	67	65	68	68	69	70	68	65	65	64	63	67	57	61	65	66	66	68	67	71	71	70	70	71	70	69	68	71	72	70	67.4
Bee Branch	Maximum	92	95	92	94	94	96	97	97	97	93	93	92	90	92	98	96	93	90	90	94	95	94	89	92	95	95	93	90	97	97	100	93.9
	Minimum	68	69	66	69	69	72	73	74	72	71	66	68	67	62	65	68	70	72	70	72	72	72	67	71	72	72	70	71	72	75	73	70.0
Bentonville ***	Maximum	89	91	88	90	89	93	94	94	96	93	93	91	85	87	90	93	92	92	86	90	94	94	92	90	92	95	96	93	95	96	97	91.9
	Minimum	68	69	69	69	79	70	72	73	73	73	70	70	65	63	63	68	57	69	69	72	72	72	73	71	72	71	73	68	70	74	73	70.0
Blytheville	Maximum	92	87	88	90	93	95	92	90	86	90	89	89	89	90	94	95	96	93	91	95	94	92	90	92	93	92	92	93	94	98	100	92.1
	Minimum	72	72	73	78	77	76	75	74	73	70	74	73	74	70	68	72	73	74	71	75	76	73	72	74	75	74	76	74	75	72	79	73.7
Booneville	Maximum	96	93	90	90	95	96	99	100	99	94	96	96	90	91	96	99	96	93	87	97	96	96	91	94	99	99	100	95	98	101	103	95.6
	Minimum	70	70	70	69	68	72	72	73	74	79	72	72	68	61	63	66	70	68	71	72	74	74	73	73	72	75	71	69	72	74	73	71.0
Brinkley	Maximum	95	96	96	98	95	98	97	95	91	95	93	95	91	90	96	97	98	95	94	98	96	97	95	97	95	97	93	93	98	99	103	95.7
	Minimum	68	70	70	71	71	73	75	74	74	68	67	68	66	64	63	67	70	70	70	72	72	74	71	71	72	72	72	74	72	76	74	70.7
Calico Rock	Maximum	92	92	92	91	94	95	97	96	92	92	93	86	86	89	94	96	93	94	92	92	93	96	90	92	93	93	94	91	95	99	98	93.0
	Minimum	69	69	68	70	70	72	74	73	72	72	68	71	69	61	64	70	69	70	70	70	73	75	71	73	73	74	73	72	74	75	75	70.9
Camden	Maximum	93	92	92	91	93	97	99	99	97	94	96	96	89	90	93	92	99	94	95	99	99	99	95	95	97	98	98	98	99	97	101	95.7
	Minimum	69	70	68	70	72	74	75	76	75	73	69	71	70	65	64	68	77	70	72	73	76	74	73	72	74	75	75	74	74	74	77	72.2
Carthage	Maximum	95	93	91	93	94	96	99	98	98	94	93	96	91	90	94	96	96	91	93	94	97	94	91	93	95	97	97	94	97	98	100	94 8
	Minimum	67	70	65	68	69	72	73	75	78	71	65	68	69	63	64	65	70	69	69	71	74	72	71	70	72	72	71	70	71	75	75	70.1
Center Point	Maximum	91	92	92	87	90	95	97	98	96	94	94	93	87	88	91	95	94	92	86	95	92	93	90	91	95	96	96	93	94	95	96	92.8
	Minimum	66	65	68	67	70	69	71	73	77	76	72	71	69	62	65	67	70	73	70	72	74	72	73	72	72	74	72	73	73	72	72	70.7
Conway	Maximum	93	93	92	91	95	97	100	98	94	91	93	90	89	90	93	96	95	97	92	96	98	102	91	97	99	98	100	99	101	99	103	95.5
	Minimum	70	71	69	73	72	74	75	76	74	73	69	69	67	62	61	69	72	72	71	73	74	74	71	72	74	74	72	73	74	75	74	71.6
Corning	Maximum	96	95	93	94	95	97	98	94	90	92	95	92	89	91	98	97	98	98	95	98	97	95	92	95	95	95	93	96	98	103	102	95.4
	Minimum	69	71	69	73	72	73	72	71	66	64	67	69	67	60	64	68	66	69	70	72	71	71	72	72	72	71	74	72	73	76	76	70.1
Crossett	Maximum	93	92	90	91	94	96	98	97	97	93	93	95	94	90	92	95	98	95	95	95	96	96	93	94	94	95	96	93	93	96	98	94.4
	Minimum	65	65	67	67	68	70	76	76	71	67	65	79	69	66	61	65	65	66	70	69	70	70	71	68	71	72	72	72	71	70	72	69.2
Dardanelle	Maximum	91	92	92	92	95	96	98	101	97	93	95	91	89	91	94	97	95	93	90	94	97	97	92	95	97	99	97	95	98	98	101	94.9
	Minimum	70	72	71	71	72	74	74	76	76	76	71	70	68	64	66	68	73	71	71	73	75	75	71	74	74	75	71	71	73	76	75	72.2
Dumas	Maximum	93	86	92	95	98	96	100	98	95	91	99	99	91	93	96	98	98	98	97	98	96	97	98	99	101	95	95	94	100	101	105	96.5
	Minimum	68	70	69	71	71	74	76	78	72	70	68	69	70	68	64	68	69	73	71	73	75	75	73	71	73	73	73	73	73	75	76	71.7
Dutton	Maximum	86	85	83	86	86	91	93	93	91	88	90	90	83	85	88	90	89	87	85	89	92	92	85	88	91	93	94	91	92	93	93	89.1
	Minimum	61	61	61	62	61	61	62	65	66	67	63	65	63	54	53	58	60	60	64	65	66	65	65	63	64	65	66	60	66	65	63	62.6
England	Maximum	93	87	92	91	93	95	98	96	91	90	93	93	88	90	93	95	98	92	94	95	95	93	92	94	94	96	95	95	98	98	100	93 8
	Minimum	69	71	68	71	71	74	75	70	71	72	68	68	68	64	65	65	70	71	70	72	73	74	69	70	72	74	72	74	73	75	75	70.8
Eureka Springs	Maximum	87	88	87	89	89	92	95	95	95	90	94	91	85	88	92	93	95	94	86	91	96	96	92	90	92	96	97	96	96	97	98	92.3
	Minimum	67	68	68	68	69	69	71	71	70	73	68	69	65	62	63	71	65	68	68	70	72	72	70	70	71	73	71	65	69	75	74	69.2
Fayetteville	Maximum	87	90	86	87	89	92	94	95	96	96	95	94	86	89	92	94	92	95	86	90	96	95	92	91	94	97	98	94	98	96	97	92.7
	Minimum	67	69	69	67	70	70	71	73	73	74	69	72	64	60	60	67	65	66	70	71	73	70	73	70	70	70	71	66	67	72	72	69.1
Fort Smith***	Maximum	94	94	92	92	95	97	99	99	98	94	96	96	89	90	94	96	96	93	89	96	98	96	92	94	98	99	99	95	99	100	101	95.5
	Minimum	72	74	73	73	73	75	76	79	78	78	76	73	71	68	70	72	72	72	72	74	76	76	74	75	75	78	77	74	76	79	77	74 5
Gravette	Maximum	89	92	90	90	91	94	96	97	98	98	95	92	86	89	91	95	95	97	91	94	98	97	94	93	95	98	98	97	99	97	99	94.4
	Minimum	67	68	68	66	68	68	69	71	73	73	69	73	63	61	59	66	65	68	68	74	71	71	72	70	71	69	71	68	69	72	69	68.7
Harrison	Maximum	89	90	87	92	94	95	97	96	93	89	94	92	88	89	94	97	96	91	89	93	98	95	94	95	96	96	94	92	97	100	101	93.6
	Minimum	62	67	67	67	67	69	76	70	70	72	67	69	66	60	60	67	66	67	68	71	72	70	69	71	70	72	69	67	69	72	71	68.4
Helena	Maximum	92	86	91	90	93	95	97	95	90	88	93	95	88	90	93	96	97	95	95	96	94	93	93	93	95	96	95	92	95	97	101	93.5
	Minimum	68	70	69	71	71	73	73	71	67	65	67	69	69	66	62	67	72	75	74	75	73	75	74	73	73	72	72	73	73	75	74	71.0
Highland	Maximum	95	94	94	88	90	90	92	93	94	96	99	99	98	101	99	98	96	91	94	96	98	94	90	94	97	98	100	100	99	101	98	95.7
	Minimum	67	72	68	69	68	66	68	69	67	70	68	67	70	70	67	66	72	72	69	72	74	72	72	72	73	74	73	72	73	76	74	70.4
Hope	Maximum	97	97	96	93	98	99	103	105	102	100	95	94	90	92	95	96	99	95	95	100	101	99	96	95	100	100	100	97	100	99	103	97.8
	Minimum	69	70	68	67	70	71	75	74	76	76	71	72	70	64	63	68	68	71	71	71	75	71	73	73	73	75	72	71	72	73	75	71.2
Hot Springs	Maximum	93	93	95	95	97	100	102	104	101	97	99	90	93	95	98	97	102	99	93	99	95	102	97	99	100	98	100	98	103	105	107	98.3
	Minimum	69	73	68	69	70	75	73	75	75	74	68	71	68	65	65	68	70	72	70	72	74	73	70	74	73	74	71	73	74	77	77	71.6
Jonesboro	Maximum	93	90	94	92	94	97	97	94	90	90	94	94	89	90	96	96	97	94	92	95	95	95	90	94	94	93	93	93	96	100	100	93.9
	Minimum	70	73	70	73	74	75	75	73	68	68	69	72	70	66	68	70	70	71	71	74	72	73	73	74	75	72	76	73	75	78	78	72.2
Lead Hill	Maximum	88	86	91	92	93	98	98	92	92	92	96	90	88	89	92	98	93	91	90	93	97	97	96	97	95	94	99	93	101	103	101	94.0
	Minimum	65	68	65	66	68	69	70	70	69	70	64	70	62	58	59	66	65	68	66	68	71	70	69	71	71	72	70	65	69	71	71	67.6
Little Rock.*	Maximum	87	87	89	89	91	94	95	96	89	87	90	89	86	86	91	92	94	90	90	93	92	94	90	91	92	93	92	91	95	95	98	91.2
	Minimum	70	71	68	74	74	74	78	75	74	74	72	71	70	69	70	72	74	74	72	76	77	68	68	74	77	76	75	76	77	77	77	73 4
Lutherville	Maximum	91	88	89	91	91	94	99	97	96	91	93	86	90	90	92	95	93	90	90	95	97	95	90	93	95	94	97	93	98	101	100	93.4
	Minimum	68	71	69	69	70	72	73	74	74	73	70	69	68	63	65	69	68	72	68	72	75	72	68	72	73	74	71	74	73	75	74	70.9
Magnolia	Maximum	94	93	90	90	91	92	95	99	99	95	94	97	90	92	92	95	97	92	93	96	96	94	92	92	96	98	97	95	92	95	98	94.2
	Minimum	69	69	69	70	70	72	75	76	76	76	70	72	71	67	65	69	71	74	71	75	75	69	73	73	73	75	72	75	72	72	74	71.9
Mammoth Spring	Maximum	90	86	88	89	90	93	95	93	90	88	89	83	85	86	92	93	90	89	89	91	90	91	86	90	87	89	91	87	91	97	95	89.8
	Minimum	68	65	67	69	70	70	75	73	67	67	66	71	69	60	63	69	69	69	72	71	71	71	70	71	71	69	73	71	73	74	73	69.6
Marianna	Maximum	94	88	92	91	94	96	97	95	91	89	94	95	89	91	95	96	97	94	92	94	94	94	93	94	97	96	96	93	98	98	99	94.1
	Minimum	70	73	70	72	74	75	77	75	71	70	71	73	71	66	66	70	74	75	75	75	74	74	75	73	74	74	75	75	74	79	75	73.1
Marked Tree	Maximum	93	90	92	93	94	96	96	92	89	92	94	94	89	90	95	97	97	94	90	96	97	92	90	93	96	94	95	95	96	100	100	93.9
	Minimum	68	69	69	69	72	72	73	73	66	65	67	71	70	66	65	67	69	72	70	71	70	71	72	72	72	72	74	73	72	74	76	70.4
Marshall	Maximum	89	89	88	90	91	93	95	95	92	90	92	89	84	85	92	94	92	88	88	88	92	93	89	92	92	93	92	90	93	99	100	91.3
	Minimum	67	67	65	67	67	69	70	70	70	72	66	66	63	58	65	66	67	66	68	69	72	70	67	72	71	71	69	66	69	70	69	67.9
Mena	Maximum	92	90	88	89	93	94	94	98	96	96	94	95	86	88	92	94	95	91	91	90	99	95	92	93	98	94	97	93	98	100	101	93.7
	Minimum	69	69	67	66	69	70	72	71	71	74	70	71	67	65	63	65	65	67	69	70	71	71	74	72	69	72	70	68	71	73	72	69.5
Morrilton	Maximum	91	92	91	90	95	98	100	98	94	92	92	84	88	90	92	99	94	91	90	97	94	94	89	92	99	98	95	93	98	97	99	93.7
	Minimum	71	74	70	72	71	78	77	75	74	74	70	70	68	70	69	74	73	74	71	75	75	74	70	74	75	75	74	75	74	78	79	73.3
Mountain Home	Maximum	92	92	92	94	93	95	96	95	92	90	92	90	84	87	94	95	92	92	88	93	92	96	92	94	93	94	92	90	94	98	98	92.6
	Minimum	66	68	65	67	67	69	73	71	69	69	65	66	68	61	62	70	68	70	67	68	68	70	67	70	71	70	70	70	71	72	72	68.4
Mount Ida	Maximum	93	92	92	89	91	95	98	98	96	94	94	83	87	89	93	96	93	91	86	93	95	95	89	92	97	95	97	94	97	97	99	93.2
	Minimum	65	66	65	66	65	68	70	69	72	74	67	68	65	57	54	62	62	66	66	68	70	70	72	69	68	70	67	65	68	69	68	66.8
Newport	Maximum	92	91	92	92	93	98	98	94	94	91	94	94	89	90	97	98	97	95	92	97	97	96	90	92	97	95	94	93	97	101	101	94 5
	Minimum	71	72	70	73	73	74	77	75	69	69	69	70	71	69	68	69	70	71	70	74	73	74	70	73	76	73	75	74	74	76	75	72.2
Okay	Maximum	95	97	95	91	94	97	101	102	99	97	96	97	91	92	94	97	96	93	95	99	98	96	95	94	102	105	99	95	96	98	100	96.6
	Minimum	67	69	69	67	69	70	72	72	75	74	73	70	68	60	62	67	69	72	68	71	73	72	72	70	70	72	70	69	72	70	70	69.8
Ozark	Maximum	91	94	90	90	92	96	98	100	95	92	93	94	90	90	95	98	96	92	87	96	98	98	92	95	100	96	95	100	99	100	100	94.9
	Minimum	71	72	70	71	70	73	74	76	76	80	73	71	68	64	65	69	72	70	72	73	75	74	71	74	74	75	73	73	73	75	74	72.3
Pine Bluff	Maximum	91	89	89	89	91	93	96	94	91	89	91	94	87	90	91	94	98	93	94	95	96	94	94	94	97	98	94	93	96	95	99	93.2
	Minimum	70	72	68	73	73	76	78	78	74	73	70	71	70	70	67	72	74	74	73	75	77	75	76	73	75	77	74	77	75	75	78	73.6
Pocahontas	Maximum	94	92	92	91	93	95	97	94	91	90	93	92	87	89	95	95	95	93	92	93	94	94	88	91	95	92	95	94	94	100	99	93.2
	Minimum	71	70	66	71	70	70	72	72	65	65	67	67	67	65	66	68	67	69	69	70	76	70	71	71	70	70	74	71	74	75	71	69.7
Portland	Maximum	92	90	90	92	94	95	97	97	94	92	94	96	92	90	93	96	96	92	93	94	96	92	94	95	95	95	96	92	94	97	99	94.0
	Minimum	68	68	69	70	70	72	75	74	72	70	67	68	69	68	65	67	68	72	71	71	73	73	70	69	71	73	72	72	71	72	75	70.5
Prescott	Maximum	95	95	93	93	95	98	100	101	98	97	95	95	90	92	95	97	97	95	94	97	99	96	96	94	97	97	98	97	97	99	100	96.2
	Minimum	68	71	68	70	71	73	80	77	76	75	71	73	70	66	70	71	72	72	70	72	75	73	72	72	74	75	73	74	74	73	75	72.5
Searcy	Maximum	90	89	90	90	94	95	96	94	91	88	92	92	86	87	94	94	94	92	91	93	96	92	89	90	93	94	92	91	95	96	99	92.2
	Minimum	69	69	68	74	72	74	75	73	71	71	69	70	69	65	67	69	71	73	69	73	72	74	70	72	75	73	73	74	74	76	75	71.6
Stuttgart	Maximum	93	90	91	92	94	95	97	95	92	90	94	95	89	90	94	95	97	95	95	95	98	94	94	95	96	98	96	94	98	100	101	94.6
	Minimum	70	71	70	72	72	74	76	75	71	70	70	69	68	65	65	69	72	74	71	74	74	75	74	71	74	74	73	74	74	75	74	71.9
Subiaco	Maximum	93	94	91	91	95	97	99	100	97	95	96	92	90	92	96	100	98	94	91	96	98	100	95	95	100	101	103	97	101	101	104	96.5
	Minimum	69	71	70	70	70	74	75	76	75	76	72	69	68	64	66	69	71	69	71	72	74	73	70	74	73	74	71	71	72	78	78	71.8
Sunset	Maximum	83	86	84	85	85	89	91	92	90	87	89	88	80	82	88	90	87	86	82	88	91	89	84	87	91	92	92	90	92	92	94	87.9
	Minimum	68	69	68	68	67	71	73	76	74	70	70	67	63	66	68	71	64	74	68	71	72	71	69	70	71	71	73	68	71	73	73	69.9
Texarkana	Maximum	94	94	93	89	92	97	99	101	100	98	97	99	91	91	92	96	97	92	94	97	97	96	92	94	98	101	102	100	99	99	101	96.2
	Minimum	68	69	68	68	69	69	70	70	74	72	70	70	68	62	65	65	66	68	67	69	74	70	69	67	70	72	73	69	71	70	72	69.2
Thornburg	Maximum	88	88	92	90	93	96	97	96	95	92	94	87	85	88	97	95	93	93	90	93	94	95	81	92	95	97	95	95	98	97	101	93.0
	Minimum	64	66	63	63	64	74	68	64	70	70	64	64	64	56	69	63	64	65	65	67	71	68	66	69	67	69	66	66	63	70	69	66.2
Warren	Maximum	92	91	93	..	..	97	100	100	98	94	96	98	91	93	96	98	100	97	97	97	98	95	96	95	99	100	98	97	101	103	99	96.9
	Minimum	70	71	75	..	..	72	74	71	75	73	70	70	71	67	68	71	72	74	72	74	76	74	73	72	75	76	74	75	75	78	75	72.9
Wilson	Maximum	92	91	92	91	90	92	96	92	89	88	92	92	88	88	90	90	95	94	93	94	90	92	90	91	91	91	91	91	93	96	96	91.6
	Minimum	67	68	69	72	71	73	74	70	64	62	65	68	68	68	62	66	67	72	71	72	70	71	71	72	74	71	74	73	72	70	76	69.8
Wynne	Maximum	94	92	90	..	..	..	..	..	90	90	92	94	89	90	93	97	97	93	93	97	98	95	90	94	97	95	95	93	98	99	101	94 1
	Minimum	67	69	67	70	69	72	72	70	64	63	64	68	66	61	60	64	70	70	69	71	71	72	71	70	71	70	70	72	69	75	72	68.7

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 8-28-35-110

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XL LITTLE ROCK, ARK., AUGUST, 1935 No. 8

GENERAL SUMMARY

Although the average temperature for the State for August was not quite as high as that of the preceding month, maximum temperatures were higher in all sections. Temperatures were above normal in western and central portions except for three or four days until the 27th, while departures were not quite so marked in eastern sections. Several stations had 16 or more days with maximum temperatures 100° or higher with he warmest weather occurring generally from the 7th to the 11th. Cool weather overspread the State on the 28th and 29th, with departures ranging from 10° to 15° below normal on the 29th. The average temperature for the State, based on the records of 61 stations, was 82.0° which is 2.1° above the mean for the past 45 years, all stations having positive departures. Monthly means ranged from 76.0° at Dutton to 85.8° at Hot Springs. The highest temperature reported was 113° at Hot Springs on the 10th; the lowest, 46° at Batesville and Dutton on the 31st. The greatest daily range was 48° at Thornburg on the 10th.

Only a few widely scattered showers occurred during the first 11 days of the month but from the 12th to the 17th most sections had moderate to heavy rainfall, a number of stations reporting from one inch to more than three inches during this period. After the 17th showers again were scattered and some sections received little or no rain. The average precipitation for the 90 stations reporting was 1.74 inches which is 1.91 inches below the mean for the past 45 years. Only 9 of the stations with records of 10 years or more had positive departures and most of their rainfall was due to a locally heavy fall. Monthly totals ranged from 0.18 inch at Helena to 5.43 inches at Jessieville in the Ouachita Mountains. The greatest amount measured in any 24-hour period was 4.14 inches at Stuttgart on the 10th. The average number of rainy days was 4 which is 3 below the normal.

The weather the first 10 days of the month was favorable for cotton except in some portions of the uplands where it was too hot and dry. The showers which began the 12th caused considerable improvement in most sections but shedding was reported in some border counties and in a few localities in the Ozarks where rainfall was lightest. Army and leaf worms appeared in some localities the first part of the month but no serious damage occurred until the latter portion when poisoning was difficult because of the lack of dew. Picking began in the southern portion during the first decade and had become general in southern and central portions by the latter part of the month. The weather was too dry for late corn except in some localities where heavy showers occurred and the crop has been seriously damaged. Meadows and pastures are dry but have not been seriously injured except in a few localities. Sweet potatoes are fair to good in most portions but most garden truck has been badly damaged. Rice is in good condition but the planting of late truck and feed crops has been delayed because of the lack of moisture. T.A.M.

Errors on page 30:-Conway mean temperature should be 83.6°: departure from normal +2.2°. El Dorado mean temperature 84.4°: departure +2.6°.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29.96	30.15	30	29.73	1	6.5	18	se	19	..	.	.	83
Fort Smith	29.93	30.13	30	29.75	11	6.8	20	e	12	75	47	45	86
Little Rock	29.97	30.15	30	29.81	11	7.3	21	n	12	78	49	53	84
Memphis	29.96	30.14	31	29.83	7	7.0	22	n	17	74	55	56	89

COMPARATIVE DATA FOR AUGUST

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	−3.5	108	39	2.75	−0.90	5.80	0.25	0.0	5	21	8	2
1892	78.3	−1.6	106	47	4.39	+0.74	8.54	0.78	0.0	9	13	11	7
1893	77.3	−2.6	102	48	3.08	−0.57	9.40	0.65	0.0	5	18	9	4
1894	78.1	−1.8	104	48	4.63	+0.98	18.01	1.27	0.0	8	12	11	8
1895	79.4	−0.5	102	55	2.64	−1.01	6.20	0.63	0.0	4	18	9	4
1896	82.6	+2.7	112	48	2.32	−1.33	5.75	0.50	0.0	5	17	9	5
1897	79.6	−0.3	111	45	2.59	−1.06	5.97	0.25	0.0	5	17	10	4
1898	79.4	−0.5	108	54	4.35	+0.70	8.42	1.86	0.0	7	13	13	5
1899	82.2	+2.3	112	54	2.04	−1.61	6.45	0.07	0.0	4	19	9	3
1900	81.1	+1.2	108	57	2.95	−0.70	8.08	0.06	0.0	5	16	12	3
1901	80.5	+0.6	109	52	2.95	−0.70	8.53	0.58	0.0	6	14	13	4
1902	80.7	+0.8	108	51	2.55	−1.10	7.45	0.00	0.0	4	19	9	3
1903	78.7	−1.2	105	47	4.34	+0.69	11.03	0.95	0.0	8	15	12	4
1904	78.1	−1.8	105	46	2.81	−0.84	6.40	0.33	0.0	6	16	12	3
1905	79.1	−0.8	103	51	3.78	+0.08	7.25	0.36	0.0	6	18	10	3
1906	77.9	−2.0	100	42	4.92	+1.27	11.41	0.50	0.0	10	14	10	7
1907	82.0	+2.1	113	54	2.92	−0.73	8.52	0.52	0.0	6	16	10	5
1908	79.3	−0.6	103	52	4.48	+0.83	8.50	1.14	0.0	8	15	10	6
1909	82.4	+2.5	111	47	1.27	−2.38	4.86	0.00	0.0	4	20	8	3
1910	79.2	−0.7	104	43	3.92	+0.27	9.76	0.90	0.0	8	13	12	6
1911	78.0	−1.9	107	45	8.19	+4.54	19.54	3.02	0.0	12	11	11	9
1912	78.7	−1.2	105	45	3.30	−0.35	10.24	0.93	0.0	7	15	10	6
1913	82.1	+2.2	107	46	1.62	−2.03	8.00	0.01	0.0	3	20	10	1
1914	78.5	−1.4	104	57	6.81	+3.16	13.74	2.82	0.0	12	8	11	12
1915	74.7	−5.2	102	40	10.44	+6.79	19.55	3.41	0.0	11	9	9	13
1916	81.8	+1.9	107	46	2.63	−1.02	6.45	0.23	0.0	5	17	9	5
1917	77.1	−2.8	104	43	4.10	+0.45	8.13	0.90	0.0	8	16	7	8
1918	82.6	+2.7	115	52	3.90	+0.25	12.17	0.99	0.0	7	15	9	7
1919	80.6	+0.7	113	55	4.29	+0.64	10.24	1.16	0.0	7	16	8	7
1920	76.8	−3.1	102	46	4.08	+0.43	8.55	1.14	0.0	8	13	9	9
1921	81.5	+1.6	106	56	5.46	+1.81	10.72	0.37	0.0	8	15	9	7
1922	80.4	+0.5	111	51	1.90	−1.75	8.43	0.21	0.0	5	18	8	5
1923	81.9	+2.0	109	49	2.43	−1.22	7.68	T.	0.0	4	18	8	5
1924	82.2	+2.3	108	43	2.40	−1.25	6.46	T.	0.9	5	20	8	3
1925	80.3	+0.4	108	47	1.81	−1.84	7.14	0.00	0.0	4	22	7	2
1926	80.7	+0.8	110	47	5.50	+1.85	12.91	1.08	0.0	10	14	10	7
1927	76.6	−3.3	105	43	6.01	+2.36	12.74	0.48	0.0	10	12	10	9
1928	81.3	+1.4	105	51	4.62	+0.97	10.57	0.73	0.0	7	17	8	6
1929	80.8	+0.9	110	41	1.29	−2.36	4.73	0.00	0.0	3	22	7	2
1930	81.8	+1.9	114	46	2.53	−1.12	7.93	0.23	0.0	5	17	10	4
1931	76.7	−3.2	103	42	4.71	+1.06	14.67	1.29	0.0	9	15	9	7
1932	81.5	+1.6	104	47	1.78	−1.87	5.96	0.00	0.0	5	19	10	2
1933	79.1	−0.8	101	49	4.42	+0.77	7.88	1.01	0.0	8	12	11	8
1934	84.8	+4.9	116	48	2.75	−0.90	7.43	0.12	0.0	6	15	11	5
1935	82.0	+2.1	113	46	1.74	−1.91	5.43	0.18	0.0	4	18	9	4
Period	79.9	.. ..	116	39	3.65	......	19.55	0.00	0.0	7	16	10	5

Daily River Stages for August, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	...Arkansas...	22	5.8	5.5	5.4	5.3	5.1	5.0						6.0	6.8	6.1	5.7	5.6	5.5	5.3	5.3	5.0											
Van Buren ...			8.4	8.2	8.0	7.9	7.7	7.6	7.4	7.4	7.3	7.4	7.3	7.9	9.1	8.5	8.0	7.9	7.8	7.5	7.4	7.3	7.0	6.8	6.8	6.8	6.6	6.5	6.5	6.5	6.4	6.5	6.6
Ozark	.....do	22	2.7	2.4	2.3	2.3	2.2	2.2	2.1	2.0	1.8	1.8	1.8	1.7	2.8	3.4	2.7	2.4	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3
Dardanelle......	......do	22	6.9	6.9	6.8	6.7	6.5	6.5	6.4	6.3	6.2	6.2	6.2	6.1	6.2	7.2	7.8	7.3	7.0	6.8	6.7	6.5	6.4	6.3	6.1	5.9	5.9	5.8	5.8	5.7	5.6	5.5	5.6
Morrilton	......do	20	1.8	1.7	1.7	1.6	1.4	1.2	1.1	1.0	0.8	0.7	0.6	0.6	0.8	1.2	2.6	2.5	1.9	1.6	1.6	1.2	1.0	1.0	0.8	0.4	0.2	0.3	0.2	0.1	0.0	0.0	0.0
Little Rock..	......do	23	3.1	3.0	3.0	3.1	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.2	2.5	3.5	3.5	3.1	2.8	2.7	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6
Pine Bluff	......do	25	8.7	8.5	8.4	8.4	8.4	8.2	8.0	7.8	7.6	7.5	7.3	7.2	7.1	7.1	7.2	7.5	8.6	8.6	8.2	7.9	7.8	7.6	7.4	7.3	7.1	6.9	6.7	6.6	6.5	6.4	6.3
Danville........	. Petit Jean.	20	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.0	1.9	1.9	4.0	2.1	2.0	2.8	2.8	2.3	2.3	2.2	2.1	2.1	2.0	1.9	2.2	2.2	2.2	2.2	2.2	2.3	2.3

Climatological Data for August, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	40	83.4	+ 3.0	110	8†	57	31	36	3.99	+0.01	3.32	0.0	4	13	16	2	s.	J. W. Campbell
Arkadelphia	Clark	200	40	......	......	......	......	......	......	......	0.62	−3.44	0.27	0.0	4	23	2	6	ne.	W. K. Bown
Arkansas City	Desha	145	51	......	......	......	......	......	......	......	1.03	−2.72	0.45	0.0	8	28	0	3	......	Herbert Neff
Batesville	Independence	277	36	79.5	+ 0.4	103	7†	46	31	39	1.43	−3.00	0.90	0.0	11	21	7	3	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	43	81.8	+ 2.2	105	7†	54	31	36	0.95	−2.99	0.55	0.0	2	9	20	2	s.	J. E. Scanlan
Bentonville	Benton	1303	30	80.2	+ 3.4	105	9	54	31	34	1.31	−2.87	0.91	0.0	4	10	13	8	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	5	......	......	......	......	......	......	......	0.27	......	0.27	0.0	1	24	1	6	......	C. J. Brooks
Black Rock	Lawrence	259	34	......	......	......	......	......	......	......	0.89	−3.52	0.45	0.0	4	26	0	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	10	79.9	+ 0.3	100	7†	49	31	30	0.50	−4.41	0.27	0.0	3	23	6	2	s.	Samuel Norris
Booneville	Logan	465	21	83.8	+ 1.8	110	8†	55	30	40	3.40	+0.08	1.07	0.0	9	10	19	2	s.	F. H. Randolph
Brinkley	Monroe	205	48	82.6	+ 2.2	106	11	50	31	38	2.70	−0.82	1.44	0.0	3	24	5	2	ne.	R. J. Torry
Calico Rock	Izard	361	31	82.2	+ 3.2	105	7†	51	31	42	0.63	−4.33	0.40	0.0	4	18	7	6	sw.	W. M. Jones
Camden	Ouachita	116	50	83.6	+ 3.2	108	9†	55	31	39	0.86	−2.23	0.37	0.0	5	17	9	5	s.	J. M. Knight
Carthage	Dallas	297	30	82.0	......	105	10	50	31	36	1.03	−1.75	0.94	0.0	2	17	14	0	s.	P. K. Wylie
Center Point	Howard	591	36	83.2	+ 1.0	107	8†	58	29†	37	2.05	−0.79	1.68	0.0	3	23	8	0	e.	John C. Floyd
Clarendon	Monroe	172	31	......	......	......	......	......	......	......	0.28	−3.86	0.26	0.0	3	19	4	8		J. W. Bishop
Clinton	Van Buren	516	14	......	......	......	......	......	......	......	0.81	−3.81	0.31	0.0	4	12	18	1	n.	A. L. Stephens
Conway	Faulkner	309	52	83.7	+ 2.3	107	11	54	31	37	2.71	−0.74	1.81	0.0	3	19	11	1	ne	E. E. Cordrey
Cornerstone	Jefferson	195	24	82.7	......	106	8	56	29†	40	0.88	−2.14	0.43	0.0	4	21	8	2	sw.	P. B. Dutchens
Corning	Clay	293	42	81.2	+ 2.9	105	11	50	31	35	0.88	−2.80	0.45	0.0	3	21	4	6	s.	Winfred D. Polk
Cotter	Baxter	440	8	......	......	......	......	......	......	......	0.94	......	0.46	0.0	3	20	6	5	......	O. B. McSpadden
Crosset (near)	Ashley	175	23	82.0[a]	+ 0.4	104[a]	8†	56[a]	29	39[a]	1.66	−1.99	1.32	0.0	3	7[a]	19[a]	4	......	U. S. Forest Service
Danville	Yell	327	19	......	......	......	......	......	......	......	3.87	+0.44	2.95	0.0	6	20	6	5	......	J. M. Patterson
Dardanelle	Yell	330	49	82.8	+ 2.0	105	7†	56	31	36	1.79	−1.87	1.48	0.0	4	5	20	6	s.	Geo. N. Goodier
Deer	Newton	2200	2	78.2[b]	......	103[b]	11	51[b]	30	36[b]	0.30	......	0.30	0.0	1	18[b]	0[b]	5[b]	s.	Mrs. J. M. Essex
Dumas	Desha	162	30	83.8	+ 2.7	108	8	56	31	37	0.53	−2.94	0.26	0.0	3	16	14	1	ne.	Ben Johnson
Dutton	Madison	1590	33	76.0	+ 1.4	104	8	46	31	42	2.24	−1.88	0.66	0.0	7	12	18	1	s.	J. M. Ricketts
El Dorado	Union	270	35	84.6	+ 2.8	107	11	56	31	37	0.73	−2.58	0.27	0.0	6	22	8	1	sw.	L. E. Ellis
England	Lonoke	229	29	82.2[a]	+ 1.6	104[a]	11	52[a]	31	35[a]	2.11	−1.91	0.86	0.0	5	21[a]	6[a]	3[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	81.2	+ 2.9	106	8	53	31	36	2.36	−2.57	0.92	0.0	5	21	8	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	81.7	+ 3.7	106	8†	52	31	38	1.46	−2.65	0.46	0.0	5	14	16	1	sw	University of Arkansas
Fort Smith	Sebastian	457	54	84.6	+ 4.1	108	11	56	29	31	1.60	−1.68	1.22	0.0	7	15	13	3	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	11	......	......	......	......	......	......	......	1.66	−2.37	1.40	0.0	3	23	7	1	ne.	R. J. McCuiston
Fulton	Hempstead	260	50	......	......	......	......	......	......	......	1.04	−1.68	0.80	0.0	3	23	4	4	......	T. J. Logan
Georgetown	White	200	23	......	......	......	......	......	......	......	0.39	−3.44	0.31	0.0	2	24	4	3	......	Mrs. W. R. Owens
Gilbert	Searcy	600	9	......	......	......	......	......	......	......	1.35	......	1.11	0.0	4	26	1	4	......	F. J. King
Glenwood	Pike	547	1	......	......	......	......	......	......	......	......	......	...	...	..	..	..	..	......	C. A. Price
Grannis	Polk	900	16	80.7	+ 1.5	110	8	52	31	43	2.77	−0.57	1.84	0.0	6	20	9	2	se.	W. E. McVay
Gravette	Benton	1250	38	80.9	+ 3.5	107	9	53	31	36	2.35	−1.73	1.06	0.0	5	13	18	0	s.	Max W. Schmidt
Harrison	Boone	1052	35	80.2	+ 3.7	106	7	51	31	38	2.18	−1.62	0.65	0.0	6	22	5	4	sw.	Louis R. Keck
Helena	Phillips	300	63	82.3	+ 1.7	103	7†	60	31	31	0.18	−3.51	0.18	0.0	1	14	11	6	sw.	James A. Burnett
Higden	Cleburne	445	16	......	......	......	......	......	......	......	1.28	−3.52	1.01	0.0	2	24	4	3	s.	Trumon Brown
Highland	Pike	491	16	84.2	......	109	8†	58	30†	36	2.35	−1.10	1.65	0.0	3	4	26	1	s.	J. O. Cooley
Hope	Hempstead	354	65	84.5	+ 2.3	109	10	57	31	39	0.82	−2.55	0.48	0.0	6	21	8	2	sw.	N. P. O'Neal
Hot Springs	Garland	600	44	85.8	+ 5.1	113	10	56	30	42	2.76	−0.98	1.13	0.0	7	8	20	3	sw.	National Park Service
Index ‡‡	Little River	275	18	......	......	......	......	......	......	......	1.91	−0.76	1.28	0.0	5	24	3	4	......	H. C. Sanderson
Jessieville	Garland	750	9	......	......	......	......	......	......	......	5.43	......	3.35	0.0	6	16	15	0	sw.	U. S. Forest Service
Jonesboro	Craighead	345	40	82.0	+ 2.0	103	7†	53	31	28	0.33	−3.22	0.25	0.0	4	21	7	3	ne.	Benedictine Sisters
Lead Hill	Boone	650	29	80.4	+ 1.8	111	7	49	31	42	0.90	−3.14	0.30	0.0	6	23	6	2	se.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	82.2	+ 2.4	103	7	56	29	27	2.07	−1.68	1.68	0.0	6	18	7	6	e.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	36	83.4	+ 4.0	109	10	55	31	38	1.84	−2.19	0.75	0.0	6	19	7	5	s.	H. G. Lenhardt
Madison	St. Francis	209	5	......	......	......	......	......	......	......	1.47	......	0.95	0.0	3	23	1	7	......	J. W. Eppes
Magnolia	Columbia	315	19	83.4	+ 1.2	104	8†	59	31	34	0.80	−2.16	0.80	0.0	1	2	29	0	s.	State Agri. School
Mammoth Spring	Fulton	600	31	78.6	+ 1.2	100	7	52	31	29	0.95	−3.41	0.58	0.0	4	18	8	5	nw.	S. F. Whittaker
Marianna	Lee	235	24	82.4	+ 2.6	104	7	52	31	29	0.62	−2.41	0.27	0.0	4	15	13	3	s.	C. N. Houck
Marked Tree	Poinsett	229	31	80.5	+ 1.5	102	7	50	31	31	1.44	−2.25	0.74	0.0	4	22	8	1	n.	Charles Walton
Marshall	Searcy	1070	21	78.8	+ 5.2	103	6†	48	31	37	2.48	−2.73	2.22	0.0	4	15	13	3	s.	A. J. Parks
Mena	Polk	1207	47	82.7	+ 2.9	108	7†	54	30	37	2.91	−1.43	1.70	0.0	6	16	8	7	sw.	E. W. St. John
Morrilton	Conway	347	16	82.5	+ 0.9	105	7	56	31	33	2.90	−0.32	1.10	0.0	4	19	10	2	se.	Hugh B. Wear
Mountain Home	Baxter	800	23	80.0	+ 2.4	106	11	50	31	38	0.52	−3.60	0.21	0.0	3	14	15	2	s	B. S. Halbert
Mount Ida	Montgomery	650	36	80.2	+ 0.8	108	8	50	30†	43	4.01	+0.65	2.74	0.0	5	17	8	6	e.	G. A. Whittington
Newport	Jackson	231	52	81.8	+ 1.8	103	7†	53	31	32	2.20	−1.28	1.66	0.0	6	18	11	2	s.	J. D. Henderson
Norman	Montgomery	750	7	......	......	......	......	......	......	......	......	......	....	0.0	..	..	..	..	......	U. S. Forest Service
Oden	Montgomery	800	9	......	......	......	......	......	......	......	2.52	......	1.03	0.0	5	20	5	6	sw.	U. S. Forest Service
Okay	Howard	288	7	83.4	......	107	10	56	30	37	1.41	.. ..	0.70	0.0	3	23	4	4	sw	Charles R. Jackson
Osceola	Mississippi	240	39	......	......	......	......	......	......	......	......	......	....	...	..	..	..	.	......	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	84.1	+ 2.5	109	7	56	29	38	3.05	−0.83	1.29	0.0	6	25	1	5	e.	Orkney O. Milton
Paragould	Greene	275	12	......	......	......	......	......	......	......	1.84	−2.13	1.83	0.0	2	29	1	1	s.	W. R. Heagler
Parkin	Cross	222	5	......	......	......	......	......	......	......	2.56	.	2.05	0.0	3	21	4	6	......	Carroll King
Patterson	Woodruff	204	19	......	......	......	......	......	......	......	0.40	−2.62	0.40	0.0	1	25	4	2	ne.	W. E. Baker
Piggott	Clay	297	11	......	......	......	......	......	......	......	1.77	−3.55	1.14	0.0	5	22	5	4	sw.	V. C. Wright
Pine Bluff	Jefferson	215	48	84.1	+ 2.4	106	11	60	31	29	0.82	−2.33	0.80	0.0	2	19	8	4	sw.	Miss Theresa Schon
Pocahontas	Randolph	300	42	80.4	+ 1.0	100	7†	52	31	33	0.81	−3.88	0.38	0.0	5	12	13	6	ne.	Benedictine Sisters
Portland	Ashley	122	29	82.1	+ 0.7	105	8	57	29	36	0.89	−2.47	0.56	0.0	5	17	14	0	sw.	W. E. Edmiston
Prescott	Nevada	318	47	84.3	+ 2.8	108	8	57	31	35	0.20	−3.08	0.09	0.0	4	21	7	3	s.	Craig Williams
Quitman	Cleburne	480	1	......	......	......	......	......	......	......	....	......	....	...	..	..	..	..	......	G. M. Hooten
Rison	Cleveland	243	35	......	......	......	......	......	......	......	....	......	....	...	..	..	..	..	......	Mrs. M. V. Tisdale
Rogers (near)	Benton	1300	45	81.2	+ 4.0	107	9†	52	31	40	1.65	−2.10	0.86	0.0	4	18	10	3	w.	Carl A. Starck
Rosebud ‡‡	Faulkner	....	1	......	......	......	......	......	......	......	1.02	......	0.45	0.0	4	7	21	3	s.	Miss Clarice Maddox
St. Francis	Clay	290	8	......	......	......	......	......	......	......	3.33	.. ..	2.48	0.0	5	23	5	3	......	S. T. Rooney
Searcy	White	245	25	82.0	+ 1.9	105	7	56	31	31	1.52	−2.21	1.19	0.0	3	25	2	4	ne.	Arthur D. Smith
Springbank	Miller	240	26	......	......	......	......	......	......	......	0.88	−2.53	0.47	0.0	5	23	5	3	......	Henry Field
Story	Montgomery	650	11	......	......	......	......	......	......	......	4.22	+1.38	2.40	0.0	4	20	9	2	s.	S. C. Story
Stuttgart	Arkansas	209	48	83.0	+ 2.4	105	7†	56	31	34	4.23	+0.70	4.14	0.0	2	21	7	3	ne.	Mrs. Kress Swim
Subiaco	Logan	750	38	84.4	+ 3.0	110	8†	56	30	39	1.74	−2.04	0.56	0.0	6	11	16	4	se.	New Subiaco Abbey
Sunset	Washington	2250	4	80.1	......	103	9	50	29	27	1.69	......	0.90	0.0	4	20	9	2	sw.	Walter James
Texarkana	Miller	332	50	84.1	+ 1.9	109	8†	57	30	39	0.63	−2.44	0.33	0.0	4	21	8	2	s.	H. S. Brashear
Thornburg	Perry	650	15	80.6	+ 1.8	108	10	48	31	48	2.90	−0.82	0.86	0.0	8	17	10	4	n.	Edward E. Holmes
Waldron	Scott	675	16	......	......	......	......	......	......	......	3.54	+0.93	1.20	0.0	7	11	13	7	sw.	Dr. Cheves Bevill
Warren	Bradley	206	41	85.0	+ 3.6	109	7†	58	31	36	2.88	−0.71	2.00	0.0	4	19	7	5	......	Miss Sue Hoyle
Waters	Montgomery	840	11	......	......	......	......	......	......	......	2.79	+0.41	1.36	0.0	5	17	6	8	sw.	J. R. Huddleston
Whitecliffs	Little River	290	29	......	......	......	......	......	......	......	3.06	+0.33	2.00	0.0	3	19	2	10	......	William W. Davis
Wilson	Mississippi	237	10	79.6	+ 1.0	98	17	55	29†	31	1.70	−2.22	1.50	0.0	3	22	2	7	s.	D. O. Anderson
Wooley Hollow ‡‡	Faulkner	....	1	......	......	......	......	......	......	......	...	......	. .	...	..	..	..	..	......	Ross Shumate
Wynne	Cross	250	27	80.6	+ 0.6	105	7†	53	31	38	3.98	+0.04	1.72	0.0	5	15	12	4	s.	R. T. Cobbs
Yancopin	Desha	167	11	......	......	......	......	......	......	......	0.24	−2.62	0.15	0.0	4	19	6	6	......	W. E. Barton
State Means				82.0	+2.1	113	10	46	31	48	1.74	−1.91	4.14	0.0	4	18	9	4	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for August, 1935

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ity	Ouachita												3.32				.05					.33								.29			3.99
adelphia	Ouachita													.01				.13					.27								.21		0.62
ansas City	Mississippi													.45		.25				.33											T.		1.03
esville	White					.06							.08	.07	.90	.02			.05	.08		.08						.04	.04		.01		1.43
e Branch	Arkansas											T.		.55	.40															T.			0.95
ntonville ***	Arkansas												.91							T.	.06			T.			T.	.01		.33			1.31
Lake Outlet	St. Francis			T.		T.									.27	T.												T.	T.				0.27
ck Rock	White					.06								.45	.35					T.								T.			.03		0.89
theville	St Francis													T.	.27	T.												.20	.03				0.50
oneville	Arkansas				.01								.20	.93			.52				.48	.04		.01				.14		1.07			3.40
inkley	White														1.44	83	.43																2.70
lico Rock	White						T.							.40	.05	T.					T.					T.		.08			.10		0.63
mden	Ouachita														.26	.37		.02				.08	.13										0.86
rthage	Ouachita													.09			.94					T.											1.03
nter Point	Red													1.68			.08													.29			2.05
arendon	White														.26								.01								.01		0.28
inton	White										T.		.27	.31			T.	.11	T.	.12										T.			0.81
nway	Arkansas													1.81	.62		T.														.28		2.71
rnerstone	Arkansas												.18	43	.10							.17									T.		0.88
rning	White													.40	.03				.45									T			T.		0.88
tter	White													T.					.46									.23			.25		0.94
ossett ..[near]	Ouachita													1.32					.21			.13											1.66
nville	Arkansas													2.95	.25			.07					.03					.02			.55		3.87
rdanelle	Arkansas													1.48	.10													.07			.14		1.79
er	White																												.30				0.30
mas	Mississippi	T.											T.	.26	.05		T.		.22			T.									T.		0.53
tton	White									.05	.66		.47	.13				.40	T.	T.	T.					T.	T.	.13		.40			2 24
Dorado	Ouachita		.27										.24	.13	T.	.05		T	T	.02			.02			T.							0.73
gland	Arkansas	.86												.76		T.	.22		.23		.04									T.			2.11
reka Springs	White												.92	.22			.34											.53		.35			2.36
yetteville	White												.30	.31						T		T.		.35			.04			.46			1.46
rt Smith ***	Arkansas				T.								.17	.10		T	.03			.02		.02		T.				.04		1.22			1.60
eeman Sprgs.	Arkansas															.05					1.40										.21		1.66
lton	Red													T.	T			T.		.12			.80						T		.12		1.04
orgetown	White													.08	T.	.31															T.		0.39
lbert	White										.05			1.11	.06													.13					1.35
enwood	Ouachita																																
annis	Red													1.84	.15	T.	T.	T.	T.		T.	T.	.04					.14		.52	.08		2.77
avette	Arkansas																						.85		1.06			.05		*	.39		2.35
arrison	White												.21					.32		.05	.43						.52			.65			2.18
elena	Mississippi														.18																		0.18
gden	White												1.01													.27							1.28
ghland	Ouachita													1.65	.30															.40			2.35
ope	Red													.04		.05		.08				.48								.12	.05		0.82
ot Springs	Ouachita													.71	.02		1.13	T.				.45	.30							.08	.07		2.76
dex	Red																1.28	08	.28				.07								.20		1 91
ssieville	Ouachita													.62	T.	.21	.35	.50					3.35								.40		5.43
nesboro	White													.03	.03	.02			.25														0.33
ad Hill	White							.01					.30	.07			13		T.		T.						.21			.18			0.90
ittle Rock ***	Arkansas												1.37	.31	T.	.29						.01								.07	02		2.07
ntherville	Arkansas										T.		.10	.30			T.				.35	.75						.05		.29			1.84
adison	St. Francis														.95	.47	.05						T.										1.47
agnolia	Red														.80							T.											0.80
ammoth Spg	White													.21								.08						.58			.08		0.95
arianna	St. Francis													.27	.15	.15						.05								T.			0.62
arked Tree	St. Francis			.08											.74	.06			.56														1.44
arshall	White												2.22	.10								.03								.13			2.48
ena	Ouachita													1.70	.02					.08			.06					.22			.83		2.91
orrilton	Arkansas													.72	1.10								96								.12		2.90
ountain Home	White											.10															T.	.21		.21			0.52
ount Ida	Ouachita												.02	2 74			.61					.12								.52			4.01
ewport	White													1.66	.07	.02			.28								.14	.03					2 20
orman	Ouachita																																
len	Ouachita													1.00				1.03				.01	.12								.36		2.52
ay	Red													.26	.70													.45					1.41
eola	Mississippi																																
ark	Arkansas													.41	.06	T	T.	T.				.13	.52					.64		T.	1.29		3.05
ragould	St. Francis													1.83					.01														1 84
arkin	St. Francis														2 05	.20			.31														2.56
atterson	White														.40																		0.40
ggott	St. Francis							.02						1.14	.32			.18										.11					1.77
ine Bluff	Arkansas														.80			.02					T.										0.82
cahontas	White			.03										.38	.32													.05		.03			0.81
ortland	Ouachita													.05	.56	.05				.15	.08												0.89
escott	Ouachita													.02	.01				T.	T.			.08								.09		0.20
itman	Arkansas																																
son	Ouachita																																
ogers (near)	White												.86	.26														.23		.30			1.65
sebud	Arkansas													.45	.25			.17	.15							T.				T.			1.02
Francis	St. Francis							T						2.48	.23	.12			.36									.14			T.		3.33
arcy	White													1.19	.32															.01			1.52
ringbank	White														.02	.47	.12		T.				.06								.21		0.88
ory	Ouachita													2.40				1.23					.36								.23		4.22
uttgart	Arkansas									T.					4.14		.09														T.		4.23
biaco	Arkansas												.56	.47			T	T.				.12						.03		.55	.01		1.74
nset	Arkansas													.28			T.		T.			.90		T.				.03		.48			1.69
exarkana	Red														.33		.05						10								.15		0.63
ornburg	Arkansas												.08	.75	.01	.33	.15					.86	T.							.09	63		2.90
aldron	Arkansas												.13	1.20			.43				T.	.69		.14				.03		.93			3 55
arren	Ouachita	10											.13	.65	2.00		T.																2.88
aters	Ouachita													1.36		.21		.45										.10		T.	.67		2.79
hitecliffs	Red													1.00				2.00											.08				3.08
ilson	Mississippi														.15	.05			1.50														1.70
ooley Hollow	Arkansas																																
ynne	St. Francis														1.72	.43			1.08				.32						.43				3.98
ancopin	Arkansas													.15	T.	.02	03									.04							0.24

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
zark Beach, Mo	...White	30	-1.0	-1.0	-1.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.9	-0.9	1.0	-1.0	-1.0	-1.0	-0.4	-0.9	4.1	-1.0	-1.0	-1.0	-0.9
otter	...do	21	3.7	3.5	3.4	3.4	3.4	3.3	3.2	3.1	3.4	3.4	3.3	3 2	3.2	3.0	2.8	2.8	2.8	3.8	3.6	3 2	3.0	3.6	3.5	3.5	3.0	2.8	3.1	3 0	2.8	2.8	3.3
alico Rock	...do	18	1.6	1.4	1.2	1.1	0.9	1.1	0.8	0.6	0 7	1.0	1.1	0.9	0.8	1.1	0.6	0.6	0.5	1.2	1.4	0.7	0.7	1.1	0.8	0.5	0.5	0.5	0.4	0.7	0.3	2.2	1.1
atesville	...do	23	6.1	6.3	6.2	5.9	5.8	5.7	5.8	5.6	5.3	5.5	5.7	5.5	5.7	6.4	5.7	5.3	5.3	5.3	5.8	5.8	5.4	5.3	5.5	5.5	5.2	5.2	5.2	5.1	5.3	5.1	6.6
ewport	...do	26	6.3	5.7	5.4	4.7	4.5	4.2	4.0	3.9	3.5	3.3	3.3	3.3	3.3	3.2	3.7	3.6	3.1	3.0	2.9	3.0	3.0	2.8	2.5	2.5	2.2	2.0	2.0	2.0	2.0	2.0	2.5
eorgetown	...do	21	10.0	9.5	8.9	8.2	7.5	7.0	6.6	6.2	5 9	5.7	5.4	5.1	4.8	4.9	4.9	5.1	5.2	5.2	4.7	4.5	4.5	4.4	4.3	4.1	4.0	3.9	3.7	3 5	3.3	3.0	2.9
arendon	...do	26	18.5	17.9	17.3	16.6	16.0	15.3	14.7	14.0	13.5	13.0	12.6	12.2	11.8	11.6	11.5	11.4	11.4	11.4	11.4	11.2	10.9	10.8	10 7	10.6	10.5	10.3	10.2	10.0	9.8	9 7	9 5
ilbert	Buffalo	30	3.2	3 1	3.1	3.1	3.1	3.1	3.1	3 1	3.0	3.0	3.0	3.0	3.3	3.1	3.1	3.1	3.1	3.1	3.1	3 1	3.1	3.0	3.0	3.0	3.0	3.0	3 0	3.0	3.0	3.0	3.0
lack Rock	...Black	14	7.2	6 5	6.2	5.8	5.5	5.2	5.1	4.9	4.7	4.6	4.2	4.1	4.1	4.1	4.3	4 1	4 0	4.0	4.1	3.9	3.7	3.6	3.6	3.6	3.6	3.5	3.2	3.2	3.1	3.1	3.1
rkadelphia	.Ouachita	17	3.8	4.2	4.2	3.9	3.7	3.9	3.6	4.1	3.9	3.8	3 8	4.0	5.9	6.1	4.8	4.2	4.2	4.2	4.1	4.3	4.2	4.4	4.9	4.4	4.6	4.8	4.4	4.0	4.2	4.9	4.3
amden	.Ouachita	26	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3 9	4.5	4.9	4.5	4 1	5.0	5.7	5.3	4.6	4.5	4.2	4.2	4.4	4.3	4.4	4.7	4.6	4.5	4.6	4.5	4.2	4.2
ulton	....Red	25	7.8	7.6	7.6	7.6	7.9	8.0	7.8	7.6	7 4	7.3	7.1	7.0	7.0	5.9	6.9	7.2	7.7	8.3	8.9	8.4	7.9	8.1	8.0	7.4	7.0	6.8	6 6	6.6	6 5	6 4	6.3
elena	Mississippi	41	22.9	23.3	23 0	22.7	22.4	22.1	21.8	21.3	20.4	19.3	18.2	17.6	17.2	16.9	17.1	17.8	18 7	20.0	21.1	22.0	22.6	22.8	22.7	22.5	22.4	22.2	21.9	21.2	20.0	18.0	15.8
rkansas City	....do	48	21.3	22.1	22.5	22.4	22.2	21.8	21.6	21.1	20 5	19.8	18.8	17.8	17.0	16.3	15.8	15.7	16.0	16.7	17.8	19.0	19.9	20.5	20.8	20.9	20.8	20.7	20.5	20.2	19.8	18.8	17.2

Daily temperatures for August, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	100	97	98	98	101	103	107	110	110	110	108	101	98	91	89	95	97	98	97	97	97	92	90	91	97	96	95	93	79	77	85	96.7
	Minimum	74	74	73	78	73	72	72	75	75	74	77	75	69	71	74	70	68	68	73	73	71	70	68	65	67	63	72	69	58	58	57	70.2
Batesville	Maximum	98	94	95	96	96	100	103	101	99	102	103	100	84	82	89	95	97	95	93	98	94	90	87	89	92	94	92	87	76	82	79	93.0
	Minimum	70	72	70	69	69	66	74	71	64	63	68	75	70	71	67	68	70	65	67	68	72	64	61	58	64	66	70	53	56	60	46	66 0
Bee Branch	Maximum	99	97	97	98	100	101	105	105	98	102	104	100	92	84	94	94	95	97	95	95	96	90	88	88	97	96	93	90	86	81	83	94.8
	Minimum	72	73	70	72	70	67	70	75	70	66	71	74	70	70	70	70	69	68	71	70	73	70	64	65	70	67	73	64	61	60	54	68.7
Bentonville ***	Maximum	96	95	89	95	95	99	103	104	105	100	103	99	81	87	92	94	95	95	96	94	92	90	80	88	92	90	86	86	70	76	80	91.8
	Minimum	74	72	74	73	73	74	75	73	74	75	69	69	67	66	67	73	72	72	72	72	72	68	65	56	66	74	63	56	59	58	54	68.6
Blytheville	Maximum	97	94	95	94	97	98	100	94	95	96	100	97	82	85	91	92	97	95	87	96	91	89	85	89	92	92	90	83	71	74	75	90.7
	Minimum	79	75	75	75	74	74	73	76	69	69	70	75	71	72	71	72	69	67	72	71	75	63	64	63	67	69	72	57	55	60	49	69.1
Booneville	Maximum	101	101	101	102	104	108	109	110	107	109	110	102	80	93	96	93	99	100	100	101	97	94	90	91	97	102	96	91	85	82	81	97.8
	Minimum	72	72	72	71	70	68	69	70	79	72	72	72	70	70	72	73	69	73	73	74	75	73	72	62	72	70	72	62	57	55	57	69.7
Brinkley	Maximum	102	97	98	101	101	102	105	104	101	105	106	101	90	87	90	96	97	97	93	97	98	97	87	89	97	98	93	88	80	84	83	95.6
	Minimum	73	73	75	74	71	72	71	71	71	67	73	72	73	73	72	73	70	69	71	71	72	78	65	68	71	68	68	65	57	60	50	69.6
Calico Rock	Maximum	98	96	97	99	99	103	105	102	101	101	105	101	83	88	93	99	101	99	90	100	92	102	99	92	99	98	93	97	77	81	89	96.1
	Minimum	73	75	70	72	72	69	72	73	68	65	71	71	72	71	69	70	70	67	70	72	73	77	63	60	66	70	73	55	60	60	51	68.4
Camden	Maximum	102	96	98	98	100	102	104	104	108	108	108	102	92	89	90	86	97	99	99	99	99	95	93	95	98	91	97	93	89	85	88	96.9
	Minimum	75	74	76	75	72	74	75	73	76	69	74	76	71	72	71	72	69	72	71	73	74	72	65	64	71	71	68	59	60	60	55	70.3
Carthage	Maximum	99	97	97	98	99	102	104	104	102	105	104	99	90	89	93	97	96	98	97	98	97	93	91	92	96	94	96	92	82	83	81	95.6
	Minimum	73	73	74	72	69	68	68	71	72	69	70	75	71	71	68	70	66	71	70	73	74	72	64	63	70	64	68	68	57	58	50	68.5
Center Point	Maximum	96	93	99	98	97	99	101	107	106	107	104	104	89	90	91	95	96	97	98	98	98	93	96	90	97	97	96	93	80	78	86	95.8
	Minimum	71	73	75	75	73	67	70	70	79	81	78	74	68	77	71	71	69	72	71	71	74	70	71	66	73	67	71	60	58	58	60	70.5
Conway	Maximum	102	101	102	100	101	104	106	105	104	105	107	102	86	90	94	97	100	99	98	99	101	96	93	93	98	99	95	92	86	87	84	97.6
	Minimum	73	74	74	73	71	69	71	72	69	68	73	75	72	72	72	72	70	70	73	73	75	72	66	65	69	69	73	62	61	57	54	69.6
Cornerstone	Maximum	101	98	99	100	100	102	105	106	101	105	105	99	92	89	93	98	99	99	98	98	100	93	92	95	96	96	98	92	84	85	85	96.9
	Minimum	72	71	71	70	78	69	72	70	69	65	71	73	70	72	72	70	69	71	70	71	74	70	63	63	70	63	65	67	56	61	56	68.5
Corning	Maximum	101	98	98	99	101	103	104	98	99	100	105	104	89	86	92	98	103	97	94	101	91	89	87	89	97	98	92	81	68	82	81	94.4
	Minimum	74	75	74	72	72	72	74	74	68	67	70	76	69	70	70	69	71	67	70	70	75	63	61	60	65	70	72	54	56	58	50	68.0
Crossett	Maximum	98	94	96	96	98	100	101	104	102	104	104	100	93	86	96	97	96	92	94	98	94	93	92	93	..	96	96	94	94	94	96	96.4
	Minimum	70	72	73	70	68	70	69	68	72	65	72	71	70	70	68	68	68	68	66	70	70	70	65	63	..	62	62	73	56	64	58	67.7
Dardanelle	Maximum	100	98	97	100	100	102	105	104	102	105	105	98	79	90	91	94	97	96	93	97	97	92	92	93	97	97	95	92	85	83	83	95.5
	Minimum	74	75	75	76	72	69	73	74	72	69	71	71	70	72	73	74	70	71	74	73	74	75	67	63	70	70	73	61	62	57	56	70.2
Dumas	Maximum	104	101	102	103	103	105	107	108	100	102	105	101	93	90	96	101	102	99	98	99	100	97	95	94	96	97	98	91	85	81	83	97.9
	Minimum	73	73	74	75	72	72	74	75	63	70	75	73	72	72	72	72	70	71	71	74	70	74	65	65	68	67	65	69	57	61	56	69.7
Dutton	Maximum	95	94	90	93	95	96	101	104	101	93	98	95	75	85	88	90	92	92	90	90	92	91	88	88	92	90	88	87	68	76	76	90.1
	Minimum	64	64	65	65	64	63	68	62	64	63	63	65	65	63	64	65	63	64	65	65	67	64	60	50	64	61	67	50	52	56	46	62.0
El Dorado	Maximum	100	102	97	98	99	101	102	106	104	106	107	98	91	94	93	96	99	99	99	100	101	95	96	95	97	96	97	94	92	86	88	97.7
	Minimum	77	76	75	76	76	75	74	76	76	69	77	73	73	73	72	73	72	70	74	73	73	66	64	74	69	68	72	63	63	59	56	71.2
England	Maximum	100	92	95	98	98	99	101	102	100	103	104	99	88	89	91	96	98	98	98	99	94	90	93	97	98	..	92	93	81	81	87	95 1
	Minimum	73	72	75	74	72	71	71	74	69	70	73	74	70	71	70	71	68	70	72	72	70	65	66	70	68	..	68	65	58	63	52	69.2
Eureka Springs	Maximum	96	96	90	97	97	99	104	106	105	102	104	101	79	87	92	91	94	97	97	97	94	93	87	91	96	91	85	86	74	77	81	93.1
	Minimum	77	75	76	73	75	77	78	72	69	75	70	68	67	66	68	72	77	73	73	72	71	68	66	58	64	74	70	56	55	56	53	69 2
Fayetteville	Maximum	98	97	94	96	96	99	103	106	106	103	105	101	79	89	92	94	97	97	98	96	93	92	89	90	95	94	90	90	80	78	80	94.1
	Minimum	74	74	76	74	73	77	77	68	72	72	70	71	69	66	69	71	73	73	74	73	73	69	67	57	65	73	73	58	57	58	52	69.3
Fort Smith***	Maximum	100	100	97	99	100	101	105	107	107	105	108	100	83	92	96	93	99	100	99	101	95	95	86	89	95	98	94	90	75	81	83	95.9
	Minimum	77	76	79	77	76	77	77	76	80	78	77	73	72	71	74	76	73	76	77	77	76	74	74	67	72	74	74	66	56	59	60	73.3
Gravette.§§	Maximum	99	97	95	98	97	101	106	106	107	102	105	102	85	92	96	98	100	106	102	101	96	94	81	89	93	92	85	88	64	79	82	94.6
	Minimum	72	72	72	71	72	71	71	70	71	69	77	69	67	63	67	69	70	69	70	70	71	66	67	57	58	70	70	57	58	55	53	67.2
Harrison	Maximum	100	99	98	100	100	103	106	101	103	103	104	99	86	87	93	94	93	99	97	98	90	92	87	89	94	89	87	85	74	78	81	93.8
	Minimum	72	71	69	71	69	69	76	70	65	67	67	74	68	68	67	69	67	68	70	70	70	66	63	57	61	68	72	55	55	57	51	66.5
Helena	Maximum	99	94	96	98	99	100	103	103	96	102	102	96	90	86	92	95	95	94	93	95	97	89	87	90	94	94	94	87	81	80	81	93.7
	Minimum	73	73	75	73	72	74	73	74	73	71	75	74	71	72	72	72	72	69	71	73	73	69	67	70	72	71	73	68	61	61	60	70.9
Highland	Maximum	99	96	97	96	98	98	107	109	109	105	105	99	89	92	94	96	99	102	101	102	101	98	95	93	98	98	100	94	92	86	86	98.0
	Minimum	74	72	72	73	74	72	72	73	76	76	75	73	64	75	70	71	69	74	72	73	76	69	69	65	68	69	72	70	60	58	58	70.5
Hope	Maximum	101	99	100	100	101	103	105	108	107	109	105	103	89	93	95	100	101	101	102	102	100	96	94	95	100	100	98	95	80	85	90	98.6
	Minimum	75	74	76	74	73	72	72	72	75	70	72	75	72	73	71	69	69	72	70	73	74	71	66	66	72	66	69	72	61	59	57	70.4
Hot Springs	Maximum	105	103	101	103	103	107	111	111	112	113	111	105	91	94	96	99	99	101	101	99	99	97	93	95	100	100	96	96	82	84	90	99.9
	Minimum	76	76	76	77	79	78	79	84	76	71	78	76	76	72	73	68	62	70	73	73	71	71	69	67	72	70	76	69	59	56	59	71.8
Jonesboro	Maximum	100	96	95	99	98	100	103	100	96	99	103	100	90	86	92	97	99	95	92	96	93	89	86	88	92	96	91	86	76	80	80	93.3
	Minimum	75	75	75	76	76	76	78	80	72	71	75	76	70	72	71	71	71	67	71	71	76	67	66	66	69	72	73	64	61	60	53	70 8
Lead Hill	Maximum	101	103	100	102	102	106	111	104	107	104	104	103	78	89	93	95	90	98	97	101	88	95	88	90	98	94	89	88	76	82	86	95.5
	Minimum	71	70	68	70	69	66	71	68	65	63	66	70	69	68	66	69	67	66	69	69	69	64	61	54	60	67	71	52	56	57	49	65.2
Little Rock.***	Maximum	96	93	95	96	96	99	103	99	97	101	102	97	82	84	91	93	94	94	94	95	95	90	87	89	93	94	90	87	70	79	80	92.1
	Minimum	76	75	75	75	75	73	76	79	76	74	77	70	72	73	73	73	70	73	75	76	76	74	71	70	73	75	75	69	56	56	60	72.3
Lutherville	Maximum	101	99	100	101	100	102	106	108	106	109	107	99	82	93	96	95	99	100	100	99	98	94	93	94	98	94	94	93	82	84	80	97.0
	Minimum	73	74	73	75	72	73	78	71	72	71	74	73	69	68	71	72	68	70	73	73	74	72	68	64	70	70	70	62	57	58	55	69.8
Magnolia	Maximum	97	95	96	95	98	99	101	104	103	104	101	98	93	91	99	96	98	98	97	98	96	95	95	92	95	97	95	98	89	84	89	96.3
	Minimum	75	75	74	73	72	72	70	70	76	72	76	75	72	72	72	71	70	72	71	73	74	72	66	65	66	68	68	72	64	60	59	70.5
Mammoth Spring	Maximum	94	93	91	92	94	96	100	97	94	94	98	99	89	81	89	92	92	93	94	92	87	86	84	88	91	91	86	78	76	79	76	89.9
	Minimum	73	72	71	72	72	70	71	75	68	65	70	72	69	70	68	69	69	65	70	71	71	63	62	61	68	65	70	54	58	59	52	67 3
Marianna	Maximum	100	95	96	98	98	100	104	100	98	101	103	103	92	86	89	94	95	95	95	94	95	89	86	91	93	93	94	87	82	80	81	93.8
	Minimum	75	75	75	75	75	75	75	74	73	73	74	74	74	74	73	74	74	70	70	71	75	69	68	70	69	69	71	67	59	60	52	71.1
Marked Tree§§	Maximum	98	94	96	98	98	100	102	96	97	99	101	98	87	87	92	95	96	95	92	96	93	88	85	91	94	93	94	85	73	80	81	92.7
	Minimum	74	74	74	73	72	72	73	75	70	69	70	73	70	70	69	71	71	67	69	70	72	64	64	64	65	67	69	60	57	58	50	68.3
Marshall	Maximum	99	95	96	99	99	103	103	100	99	100	102	97	75	82	87	91	88	96	94	94	90	89	88	88	92	96	91	87	81	78	82	92.3
	Minimum	69	67	72	70	70	67	74	69	65	64	65	68	68	68	66	71	67	68	66	64	69	67	61	56	64	68	72	51	59	56	48	65.4
Mena	Maximun.	100	99	97	99	102	104	108	106	105	107	108	103	81	91	93	96	98	96	98	95	95	93	89	88	96	98	92	90	83	77	85	95.9
	Minimum	71	73	74	73	74	72	71	73	76	71	71	75	67	68	70	72	68	72	70	71	74	67	67	68	70	68	69	69	56	54	59	69.5
Morrilton	Maximum	93	94	97	98	100	103	105	103	101	102	102	98	80	88	90	92	96	92	95	96	99	90	90	91	94	95	93	88	78	82	80	93.7
	Minimum	75	75	77	80	72	72	72	77	72	70	72	75	71	72	73	73	71	70	76	74	75	70	67	69	72	71	75	66	62	57	56	71.3
Mountain Home	Maximum	98	97	97	98	99	102	105	99	100	99	105	101	81	87	93	98	98	99	98	98	91	91	85	90	100	96	90	86	73	81	84	94.3
	Minimum	72	71	69	70	70	68	70	71	67	64	68	72	68	67	67	69	66	65	68	69	70	64	62	58	63	69	69	53	55	56	50	65.8
Mount Ida	Maximum	98	95	96	98	98	101	107	108	106	107	107	99	88	91	91	91	95	97	97	98	96	93	89	89	93	95	95	89	73	79	82	94.9
	Minimum	67	70	76	69	66	62	65	66	68	64	66	74	67	70	70	68	63	66	68	68	72	68	64	57	65	64	66	63	57	50	50	65.5
Newport	Maximum	99	95	96	100	100	99	103	99	99	100	103	99	88	85	90	95	98	95	95	98	93	88	85	89	98	94	92	85	79	80	82	93 6
	Minimum	75	75	75	74	74	72	74	75	70	68	74	75	71	73	72	73	71	68	71	72	76	66	65	64	65	70	74	60	60	60	53	69.9
Okay	Maximum	101	97	97	97	99	101	103	105	106	107	105	101	102	100	94	99	100	101	101	100	101	99	97	93	99	98	102	95	87	86	87	98.7
	Minimum	71	72	72	70	70	66	66	68	73	71	71	72	68	66	70	69	71	69	68	69	72	70	66	63	71	65	68	71	58	56	59	68.1
Ozark	Maximum	101	101	100	100	103	106	109	108	106	108	108	103	82	92	93	90	100	104	100	104	100	96	89	92	98	100	97	90	80	83	81	97.5
	Minimum	73	72	73	73	72	79	71	73	78	74	73	76	70	68	75	74	70	74	74	75	73	73	72	62	70	72	72	60	56	58	57	70.7
Pine Bluff	Maximum	100	95	95	97	99	100	103	104	101	104	106	99	90	86	92	94	95	97	96	97	98	92	90	93	96	98	94	92	84	84	85	95.4
	Minimum	76	74	76	76	75	75	77	77	75	75	77	76	73	73	73	74	70	74	73	75	77	71	69	69	75	71	73	70	64	62	60	72.8
Pocahontas	Maximum	97	94	95	97	97	98	100	97	96	99	100	96	92	95	89	95	97	97	94	95	93	90	88	90	97	95	92	86	77	81	83	93.3
	Minimum	72	74	72	71	70	70	72	75	70	66	70	74	68	70	70	68	70	65	70	69	73	63	62	64	67	67	71	56	56	57	52	67.5
Portland	Maximum	99	96	98	97	101	100	101	105	102	103	102	98	94	89	91	93	96	98	95	98	96	93	92	93	92	93	96	91	89	84	86	95.5
	Minimum	71	72	71	72	69	72	71	69	74	69	72	70	69	70	70	71	70	70	69	71	70	72	65	65	69	63	64	72	57	64	58	68.7
Prescott	Maximum	100	98	98	98	100	102	103	108	104	106	105	102	98	92	93	100	97	99	100	100	99	95	94	96	99	99	98	94	90	83	88	98.0
	Minimum	75	74	74	74	72	71	71	73	77	73	74	75	72	72	72	79	68	71	71	73	75	71	68	65	65	69	72	71	64	59	57	70.6
Searcy	Maximum	98	95	96	99	99	103	105	100	97	101	103	100	85	85	90	95	94	93	93	95	95	89	85	89	95	97	92	89	80	82	82	93.6
	Minimum	74	73	73	74	75	73	75	74	71	70	75	74	71	72	71	73	72	68	71	72	76	68	67	67	70	72	73	64	62	60	56	70.5
Stuttgart	Maximum	101	98	98	100	101	102	105	105	102	105	105	99	90	87	90	95	97	98	96	97	98	92	89	93	95	96	95	91	83	83	85	95.8
	Minimum	73	72	75	74	72	72	73	73	70	71	75	72	70	72	72	72	70	72	71	73	74	70	67	67	71	69	69	67	59	59	56	70.1
Texarkana	Maximum	99	98	98	98	100	102	105	109	109	108	106	101	89	94	92	99	101	102	102	102	104	99	98	94	101	101	101	98	85	86	91	99.1
	Minimum	73	70	70	71	72	71	70	70	72	74	74	72	70	68	70	65	70	70	69	69	71	67	70	67	70	70	68	67	61	57	60	69 1
Thornburg	Maximum	98	96	99	101	99	104	105	106	104	108	108	102	81	91	92	93	95	98	98	98	99	90	90	91	96	96	93	93	75	80	84	95.6
	Minimum	67	72	73	76	65	64	71	68	64	60	66	72	68	70	66	66	61	67	67	67	73	68	60	64	67	64	70	56	60	52	48	65.5
Warren	Maximum	101	101	102	102	105	105	109	109	108	108	108	99	95	87	92	99	100	99	97	99	99	100	97	95	96	97	97	97	92	87	88	99.0
	Minimum	74	72	75	76	76	75	76	77	74	72	76	74	69	70	70	72	65	73	70	74	74	78	65	64	72	66	68	70	60	60	58	70 9
Wilson	Maximum	95	92	92	92	96	95	96	96	94	96	96	95	95	87	91	92	98	96	94	94	92	86	84	92	92	92	90	83	76	78	75	91.0
	Minimum	74	74	71	74	72	74	73	75	70	68	72	73	69	69	68	69	68	65	66	70	74	63	63	66	70	66	68	58	55	59	55	68.2
Wynne	Maximum	101	98	97	97	100	102	105	100	99	103	105	102	89	85	92	96	97	94	92	96	95	89	85	89	92	94	95	85	76	80	81	93.9
	Minimum	73	72	72	71	70	70	70	69	69	65	70	72	70	70	67	71	70	66	69	70	72	63	64	64	68	67	66	61	57	58	53	67.4

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. – 9-25-35-120

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XL LITTLE ROCK, ARK., SEPTEMBER, 1935 No. 9

GENERAL SUMMARY

Temperatures during the first two weeks of September were generally somewhat below normal while they were continuously above thereafter until the 25th, with the warmest weather occurring in most portions from the 22d to the 24th. Cool weather overspread the State on the 26th and continued until the 30th, nearly all stations reporting the lowest temperature for the month either the 28th or the 29th. The average temperature for the State, based on the reports of 58 stations, was 72.4° which is 1.9° below the mean for the past 45 years. Of the stations with records of 10 years or more, only 5 had positive departures. Monthly means ranged from 65.4° at Dutton to 76.1° at Hot Springs. The highest temperature reported was 103° at El Dorado on the 16th; the lowest, 35° at Dutton on the 29th. The greatest daily range was 45° at Marked Tree on the 28th.

Showers occurred in many sections from the 2d to the 4th and in nearly all portions from the 8th to the 10th. General rains fell from the 25th to the 28th, a number of stations reporting 2.00 inches or more either the 26th or 27th. The average precipitation for the State for the 89 stations reporting was 3.13 inches which is 0.24 inch below the mean for the past 45 years. Monthly totals ranged from 0.84 inch at Danville to 7.43 inches at Conway. One other station had less than an inch while 16 stations had over 4.00 inches. The northwestern portion of the State had mostly negative departures, while the heaviest rainfall occurred in northeastern, central and southwestern portions. The greatest amount measured in any 24-hour period was 4.70 inches at Arkadelphia on the 27th. The average number of rainy days was 5.

The weather during September was mostly favorable for cotton in the lowlands but in much of the uplands the soil became too dry for growth before the last of the month. Cool nights the first part of the month caused some shedding and leafworms did considerable damage in many localities, for poisoning was difficult because of the lack of dew. The moderate to heavy rains from the 26th to the 28th were favorable for the development of the top crop of cotton in the lowlands but in the uplands the plants had already nearly quit blooming or were blooming in the top. The dry weather was favorable for the picking of cotton. Picking had begun in the southern portion of the State in August, and by the latter part of September the crop was nearly picked in some southern localities, about half picked in some localities in the central portion, and picking had begun in the northern. The weather was too dry for corn in most portions and the late crop was badly damaged except in some localities where showers were heaviest. Apples were damaged by the drought in the northwestern portion, also tomatoes, meadows, pastures, and truck. It was too dry for sowing wheat and oats and for planting of fall truck until the rains the last of the month. The weather was favorable for ripening and harvesting rice, but too dry for late rice which still had to be irrigated in some localities until the latter part of the month.

T.A.M.

Correction: August, 1935.--Center Point, number of partly cloudy days should be 7, cloudy 1.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 03	30.24	27	29.84	8	6.3	18	n	27	..	.	.	76
Fort Smith	30.00	30.17	27	29.84	8	6.4	19	sw	8	78	49	49	70
Little Rock	30.01	30.17	15	29.84	3	6.2	18	s	25	79	48	53	76
Memphis	30.02	30.19	15	29.84	3	6.0	16	nw	27	74	54	56	77

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	73.4	−0.9	102	40	0.94	−2.43	5.80	0.00	0	2	22	6	2
1892	70.8	−3.5	96	32	2.14	−1.23	6.12	T.	0	3	23	4	3
1893	74.0	−0.3	103	36	3.75	+0.38	8.27	0.71	0	5	19	5	6
1894	73.1	−1.2	100	38	3.56	+0.19	8.94	0.40	0	6	14	8	8
1895	77.1	+2.8	105	32	1.36	−2.01	3.88	0.03	0	4	19	7	4
1896	73.3	−1.0	106	35	3.25	−0.12	6.07	0.69	0	10	11	9	10
1897	76.6	+2.3	108	33	0.60	−2.77	2.87	0.00	0	2	21	7	2
1898	75.2	+0.9	104	40	7.35	+3.98	21.95	3.26	0	8	15	6	9
1899	71.9	−2.4	109	28	1.21	−2.16	3.00	T.	0	3	20	7	3
1900	78.0	+3.7	104	48	4.25	+0.88	9.17	1.24	0	7	12	12	6
1901	72.6	−1.7	101	32	3.08	−0.29	8.87	0.17	0	4	18	8	4
1902	68.4	−5.9	99	30	5.06	+1.69	9.31	2.63	0	8	15	8	7
1903	70.7	−3.6	102	34	2.47	−0.90	7 38	0.40	0	5	18	7	5
1904	75.4	+1.1	101	37	2.46	−0.91	6.18	0.16	0	5	15	9	6
1905	74.2	−0.1	100	44	3.90	+0.53	8.03	0.50	0	8	16	7	7
1906	75.7	+1.4	100	47	6.24	+2.87	12.27	2.33	0	10	11	9	10
1907	73.9	−0.4	106	38	2.22	−1.15	13.63	0.02	0	4	19	8	3
1908	73.4	−0.9	101	29	4 00	+0.63	9.65	0.84	0	7	13	8	9
1909	74.7	+0.4	108	31	2 84	−0.53	8.05	0.36	0	5	18	7	5
1910	76.4	+2.1	101	44	2.41	−0.96	9.34	0.05	0	5	18	8	4
1911	79.0	+4.7	102	46	3.67	+0.30	10.00	0.00	0	6	18	9	3
1912	78.5	+4.2	106	32	2.40	−0.97	5.33	0.33	0	4	18	8	4
1913	71.7	−2.6	108	33	10.10	+6.73	17.84	3.78	0	13	9	9	12
1914	74.4	+0.1	101	38	3.19	−0.18	10.61	0.41	0	5	16	9	5
1915	74.9	+0.6	100	34	1.43	−1.94	4.79	T.	0	3	16	8	6
1916	72.5	−1.8	102	30	3.40	+0.03	7.51	0 39	0	6	19	6	5
1917	71.8	−2.5	99	37	1.76	−1.61	5.26	0.06	0	4	18	7	5
1918	67.3	−7.0	104	29	4.63	+1.26	10.10	1.80	0	7	16	5	9
1919	74.6	+0.3	108	40	2.72	−0.65	6.30	0.42	0	4	15	8	7
1920	74.9	+0.6	100	30	3.56	+0.19	8 25	1.13	0	6	17	6	7
1921	79.6	+5.3	104	35	3.38	−0.01	6.96	0.67	0	6	14	9	7
1922	76.2	+1.9	106	37	1.25	−2.12	5.89	T.	0	3	22	5	3
1923	73.0	−1.3	98	45	5.56	+2.19	13.91	1.69	0	9	12	7	11
1924	69.7	−4.6	103	29	3.99	+0.62	11.10	0.86	0	7	17	5	8
1925	80.5	+6.2	113	47	5.96	+2.59	15.61	0.58	0	7	16	7	7
1926	76.8	+2.5	101	40	3.99	+0.62	14.55	0.27	0	7	14	8	8
1927	75.9	+1.6	105	32	3.37	0.00	11.96	0.75	0	6	16	8	6
1928	70.5	−3.8	101	32	0.45	−2.92	2.60	0.00	0	1	22	5	3
1929	73 4	−0.9	102	41	2.46	−0.91	5.86	0.31	0	5	15	8	7
1930	75.7	+1.4	106	35	4.10	+0.73	11.80	1.21	0	8	15	8	7
1931	78.4	+4.1	102	34	1.00	−2.37	4.32	0.00	0	3	22	7	1
1932	73.8	−0.5	103	35	2 54	−0.83	7.99	0.30	0	6	12	10	8
1933	78.5	+4.2	102	41	5.10	+1.73	14.92	0.17	0	8	15	8	7
1934	71.3	−3.0	100	37	5.46	+2.09	14 13	1.44	0	8	15	7	8
1935	72.4	−1.9	103	35	3.13	−0 24	7.43	0.84	0	5	18	5	7
Period	74.3	......	113	28	3.37	......	21.95	0.00	0	6	17	7	6

Daily River Stages for September, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	...Arkansas...	22		9.1	10.4	9.3	8.9	8.3	9.3	9.3	8.5	8.0	7.8	7.3	7.1	7.0	6.3	6.0	7.0	6.4	5.8	5.3	5.1						5.4	6.3	6.1	5.4	
Van Buren ...			6.8	10.3	12 5	11.1	10.7	10 0	11 0	10.9	10.3	9.7	9.3	9 0	8.7	8.7	8.0	7.7	8.7	8.3	7.6	7.3	6.7	6.6	6.5	6.3	6.3	6.3	6.8	7.9	7.8	7.3	
Ozark	.....do.....	22	1.3	2 0	7.3	6.3	5 5	5.0	4.7	5.7	5.5	4 7	4.3	4.0	3.7	3.4	3 2	2.8	2 8	3.2	3.8	2.2	2 0	1.9	1.8	1.8	1.5	1.4	1.5	2.2	2.8	2.5	
Dardanelle......	......do......	22	5.6	5.7	6.2	11.0	9.9	9.4	8 8	9.2	9.5	9.3	8.7	8.3	8 2	7.9	7.8	7.5	6.9	6.3	7.6	7.1	6.6	6.2	6.0	5.9	5.2	5.5	5.5	5.5	6.4	6.9	
Morrilton	......do......	20	0.0	0.0	0.0	4 3	6 8	5.5	4.8	4.2	5.4	5.3	4.7	3.8	3.4	3.2	2.8	2.7	2.0	1.6	2.3	2 4	1.7	1.2	0.8	0.5	0.4	0.2	0.1	0.0	0.1	1.3	
Little Rock..	......do......	23	1.6	1.6	1.6	1.7	5 1	6.5	5.8	5.1	4.7	5.5	5.5	4.9	4 4	4.0	3.3	3.6	3.5	3.0	2.7	3.1	3 2	2.8	2.4	2.1	1.9	1.8	2.1	1.8	1.8	1.7	
Pine Bluff	......do......	25	6.2	6.1	6 1	6.2	6 3	10.2	11 0	10 5	9.9	9.7	10.2	10 1	9.6	9.2	8.9	8.6	8 4	8.3	7.8	7.5	7 8	7.8	7.4	7.0	6.6	6.2	6.2	6 4	6.2	6.1	
Danville........	.. Petit Jean.	20	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	2.0	2.0	2 0	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.5	1.3	1.2	1.2	1 2	1.3	1.6	1.6	

Climatological Data for September, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	40	74.4	-0.2	99	23	50	29†	36	3.99	+0.89	3.47	0.0	4	13	10	7	e	J. W. Campbell
Arkadelphia	Clark	200	40	...	...	...	...	...	...	...	5.97	+2.98	4.70	0.0	6	15	8	7	ne.	W. K. Bown
Arkansas City	Desha	145	51	...	...	...	...	...	...	...	2.32	-0.54	0.72	0.0	5	17	3	10	...	Herbert Neff
Batesville	Independence	277	36	70.5	-2.1	97	22†	40	29	43	3.29	-0.40	2.05	0.0	5	23	4	3	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	43	73.0	-1.2	96	22†	44	29	37	4.40	+1.18	2.00	0.0	3	19	4	7	s.	J. E. Scanlan
Bentonville	Benton	1303	30	68.6	-2.2	91	23	43	29	32	3.27	-0.51	2.04	0.0	6	13	9	8	sw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	5	...	...	...	...	...	...	...	2.91	...	1.57	0.0	5	23	0	7	...	C. J. Brooks
Black Rock	Lawrence	259	34	...	...	...	...	...	...	...	4.79	+1.07	3.25	0.0	6	25	0	5	s.	Vernon C. Howe
Blytheville ††	Mississippi	252	10	69.9	-4.5	94	22	42	30	36	2.69	-0.76	1.40	0.0	6	25	0	5	...	Samuel Norris
Booneville	Logan	465	21	73.8	-1.8	97	16†	44	29	42	1.83	-1.54	0.99	0.0	4	10	12	8	s.	F. H. Randolph
Brinkley	Monroe	205	48	73.0	-1.8	98	23	40	29	41	4.12	+0.64	2.00	0.0	4	21	4	5	ne	R. J. Torry
Calico Rock	Izard	361	31	72.8	+0.4	98	17†	45	29	42	2.04	-1.54	0.94	0.0	4	15	6	9	sw.	W. M. Jones
Camden	Ouachita	116	50	...	...	99	23	...	...	...	2.86	-0.45	1.35	0.0	6	16	4	10	e.	J. M. Knight
Carthage	Dallas	297	30	73.3	...	96	22†	46	29	42	4.61	+1.32	2.10	0.0	5	12	15	3	s.	P. K. Wylie
Center Point	Howard	591	36	73.4^{c}	-3.5	96^{c}	18†	46^{c}	29	35^{c}	4.84	+1.33	1.80	0.0	5	17^{c}	3^{c}	7^{c}	e.	John C. Floyd
Clarendon	Monroe	172	51	...	...	...	...	...	...	...	3.48	-0.21	1.05	0.0	8	15	5	10	n.	J. W. Bishop
Clinton	Van Buren	516	14	...	...	...	...	...	...	...	3.03	-0.69	2.61	0.0	2	21	4	5	s.	A. L. Stephens
Conway	Faulkner	309	52	74.9	-0.1	99	22†	46	29	39	7.43	+4.02	4.32	0.0	4	23	2	5	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	24	72.8	...	99	23	43	29	42	1.90	-1.67	1.30	0.0	5	20	3	7	se.	P. B. Dutchens
Corning	Clay	293	42	71.2	-1.2	97	22†	43	29†	43	2.98	-0.72	2.30	0.0	6	21	3	6	w.	Winfred D. Polk
Cotter	Baxter	440	8	...	...	...	...	...	...	...	2.66	...	1.45	0.0	3	23	0	7	...	O. B. McSpadden
Crosset (near)	Ashley	175	23	75.2	-0.3	98	3†	44	29	40	2.16	-0.39	1.44	0.0	5	7	17	6	se.	U. S. Forest Service
Danville	Yell	327	19	...	...	...	...	...	...	...	0.84	-2.73	0.41	0.0	4	17	8	5	...	J. M. Patterson
Dardanelle	Yell	330	49	73.8	-1.0	97	23	44	29	37	1.15	-2.28	0.37	0.0	4	14	7	9	w.	Geo. N. Goodier
Deer	Newton	2200	2	68.8^{a}	...	88^{a}	17†	43^{a}	27†	32^{a}	2.17	...	1.21	0.0	3	22^{a}	0^{a}	7^{a}	sw.	Mrs. J. M. Essex
Dumas	Desha	162	30	74.2	-1.7	98	8†	46	29	40	2.68	-0.66	1.32	0.0	5	12	10	8	n.	Ben Johnson
Dutton	Madison	1590	33	65.4	-3.1	91	23	35	29	41	3.98	-0.90	3.05	0.0	2	18	4	8	s.	J. M. Ricketts
El Dorado	Union	270	35	76.0	-0.8	103	16	48	28	40	1.87	-1.16	0.65	0.0	8	16	6	8	ne.	L. E. Ellis
England	Lonoke	229	29	74.0^{c}	-1.0	100^{c}	22†	47^{c}	29†	41^{c}	2.48	-1.05	1.10	0.0	5	17^{c}	3^{c}	7^{c}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	70.2	-1.7	95	23	43	28	33	2.61	-1.68	1.05	0.0	5	16	7	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	69.1	-3.1	92	23	41	29	35	4.60	+0.95	3.51	0.0	7	19	4	7	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	73.7	-0.3	96	23	48	29	30	3.45	+0.46	1.75	0.0	4	14	8	8	e	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	11	...	...	...	...	...	...	...	1.89	-3.26	1.36	0.0	3	22	1	7	s.	R. J. McCuiston
Fulton	Hempstead	260	50	...	...	...	...	...	...	...	2.69	+0.12	1.12	0.0	7	13	4	13	...	T. J. Logan
Georgetown	White	200	23	...	...	...	...	...	...	...	3.64	-0.30	2.12	0.0	5	20	2	8	...	Mrs. W. R. Owens
Gilbert	Searcy	600	9	...	...	...	...	...	...	...	2.81	...	1.61	0.0	4	23	1	6	...	F. J. King
Glenwood	Pike	547	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	C. A. Price
Grannis	Polk	900	16	71.7	-1.8	96	1†	42	29	40	4.51	+0.34	1.76	0.0	4	17	8	5	se.	W. E. McVay
Gravette	Benton	1250	38	68.8	-1.8	95	23†	39	29	38	4.74	+0.92	...	0.0	6	20	4	6	s.	Max W. Schmidt
Harrison	Boone	1052	35	68.8	-1.2	94	23	42	29†	38	1.66	-2.44	0.76	0.0	4	21	2	7	sw.	Louis R. Keck
Helena	Phillips	300	63	73.4	-1.9	96	23	42	29	35	2.36	-1.05	1.07	0.0	7	14	4	12	ne.	James A. Burnett
Higden	Cleburne	445	16	...	...	...	...	...	...	...	4.90	+1.04	2.25	0.0	3	20	9	6	nw.	Trumon Brown
Highland	Pike	491	16	74.9	...	98	22	51	29	35	2.80	-0.40	1.60	0.0	3	5	19	6	s.	J. O. Cooley
Hope	Hempstead	354	65	73.4^{f}	-3.1	97^{f}	1	47^{f}	29†	41^{f}	3.87	+0.67	1.48	0.0	6	16^{f}	2^{f}	6^{f}	...	N. P. O'Neal
Hot Springs	Garland	600	44	76.1	+0.7	100	23	50	29	38	5.99	+2.52	3.11	0.0	5	16	9	5	s.	National Park Service
Index ‡‡	Little River	275	18	...	...	...	...	...	...	...	3.63	+0.73	1.28	0.0	7	18	2	10	...	H. C. Sanderson
Jessieville	Garland	750	9	...	...	...	...	...	...	...	3.10	...	1.90	0.0	4	8	15	7	se.	U. S. Forest Service
Jonesboro	Craighead	345	40	73.3	-1.1	97	22†	46	29	37	3.89	+0.49	3.32	0.0	5	23	2	5	ne.	Benedictine Sisters
Lead Hill	Boone	650	29	69.1	-3.1	98	19†	39	29	44	1.91	-1.72	0.98	0.0	4	23	1	6	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	73.8	-0.3	93	23	52	29	29	3.40	+0.23	2.07	0.0	6	14	4	7	e.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	36	74.3	-0.5	99	22	45	29	37	1.93	-2.11	1.06	0.0	2	19	3	8	sw.	H. G. Lenhardt
Madison	St. Francis	209	5	...	...	...	...	...	...	...	3.47	...	1.35	0.0	3	19	2	9	...	J. W. Eppes
Magnolia	Columbia	315	19	75.4	-0.6	98	24	47	29†	35	3.13	+0.82	1.70	0.0	4	10	12	8	ne.	State Agri. School
Mammoth Spring	Fulton	600	31	68.7	-2.7	92	24	42	29	33	2.99	-0.82	1.42	0.0	4	22	3	5	s.	S. F. Whittaker
Marianna	Lee	235	24	72.4	-1.4	93	22†	47	29†	34	2.95	+0.07	1.10	0.0	5	16	8	6	ne.	C. N. Houck
Marked Tree	Poinsett	229	31	70.4	-3.2	97	23	43	28†	45	4.30	+1.46	3.45	0.0	7	17	5	8	s.	Charles Walton
Marshall	Searcy	1070	21	70.4	-1.8	96	23	39	29	41	2.03	-2.23	1.01	0.0	3	21	3	6	s.	A. J. Parks
Mena	Polk	1207	47	71.8	-2.2	96	23	46	29	35	3.92	+0.10	1.98	0.0	5	14	6	10	nw.	E. W. St. John
Morrilton	Conway	347	16	73.0	-2.4	95	22	49	30	33	2.88	+0.12	1.67	0.0	3	19	5	6	se.	Hugh B. Wear
Mountain Home	Baxter	800	23	70.3	-0.9	97	22†	43	29†	41	3.34	-1.00	1.85	0.0	4	20	5	5	n.	B. S. Halbert
Mount Ida	Montgomery	650	36	70.8	-2.3	95	22†	41	29†	43	2.72	-0.86	1.84	0.0	3	17	4	9	e.	G. A. Whittington
Newport	Jackson	231	52	72.3	-1.7	98	23	44	29	39	2.91	-0.70	2.29	0.0	5	20	4	6	n.	J. D. Henderson
Norman	Montgomery	750	7	...	...	...	...	...	...	...	3.40	...	2.25	0.0	2	12	3	15	s.	U. S. Forest Service
Oden	Montgomery	800	9	...	...	...	...	...	...	...	1.31	...	0.50	0.0	4	18	2	10	se.	U. S. Forest Service
Okay	Howard	288	7	74.6	...	96	17†	44	29†	40	3.83	...	1.90	0.0	7	20	3	7	s.	Charles R. Jackson
Osceola	Mississippi	240	39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	74.0	-1.8	98	22†	44	29	40	1.05	-2.23	0.47	0.0	4	22	0	8	e.	Orkney O. Milton
Paragould	Greene	275	12	...	...	...	...	...	...	...	2.48	-0.21	1.90	0.0	3	24	1	5	ne.	W. R. Heagler
Parkin	Cross	222	5	...	...	...	...	...	...	...	3.18	...	2.05	0.0	3	20	2	8	...	Carroll King
Patterson	Woodruff	204	19	...	...	...	...	...	...	...	4.45	+1.56	1.98	0.0	5	22	4	4	.	W. E. Baker
Piggott	Clay	297	11	...	...	...	...	...	...	...	2.62	-1.51	1.85	0.0	4	25	0	5	...	V. C. Wright
Pine Bluff	Jefferson	215	48	75.4	+0.5	98	22†	49	29	35	1.87	-1.69	1.03	0.0	6	16	6	8	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	42	71.8	-1.6	97	24	43	29	42	4.18	+0.61	2.30	0.0	4	19	5	6	ne.	Benedictine Sisters
Portland	Ashley	122	29	73.6	-2.8	95	2†	47	29	35	3.67	+0.96	1.94	0.0	7	13	8	9	nw.	W. E. Edmiston
Prescott	Nevada	318	47	75.0	-1.0	97	22†	49	30	36	5.12	+2.03	2.87	0.0	7	13	8	9	e.	Craig Williams
Quitman	Cleburne	480	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	G. M. Hooten
Rison	Cleveland	243	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mrs. M. V. Tisdale
Rogers (near)	Benton	1300	45	68.9	-2.1	95	23	39	29	40	2.80	-0.99	1.05	0.0	6	20	4	6	s.	Carl A. Starck
Rosebud ‡‡	Faulkner	...	1	...	...	...	...	...	...	...	3.94	...	2.00	0.0	3	8	15	7	s.	Miss Clarice Maddox
St. Francis	Clay	290	8	...	...	...	...	...	...	...	2.68	...	1.94	0.0	5	25	0	5	...	S. T. Rooney
Searcy	White	245	25	73.6	-0.6	96	23	47	29	36	4.22	+1.24	2.35	0.0	4	22	2	6	se.	Arthur D. Smith
Springbank	Miller	240	26	...	...	...	...	...	...	...	3.76	+0.77	1.55	0.0	7	14	3	13	...	Henry Field
Story	Montgomery	650	11	...	...	...	...	...	...	...	1.46	-1.48	0.71	0.0	4	20	5	5	s.	S. C. Story
Stuttgart	Arkansas	209	48	74.0	-1.0	98	23	44	29	43	2.41	-0.93	0.99	0.0	5	18	7	5	ne.	Mrs. Kress Swim
Subiaco	Logan	750	38	74.2	+0.1	98	23	48	29	36	0.88	-2.46	0.53	0.0	2	15	8	7	se.	New Subiaco Abbey
Sunset	Washington	2250	4	69.1^{a}	...	91^{a}	23	43^{a}	27†	30^{a}	3.17	...	1.66	0.0	4	21	3	6	sw.	Walter James
Texarkana	Miller	332	50	73.8	-3.0	98	22†	46	29	40	3.23	+0.32	1.10	0.0	8	18	5	7	s.	H. S. Brashear
Thornburg	Perry	650	15	71.0	-1.5	99	23	39	30	44	3.43	-0.09	1.55	0.0	5	20	4	6	s.	Edward E. Holmes
Waldron	Scott	675	16	...	...	...	...	...	...	...	1.51	-1.86	0.90	0.0	3	15	4	11	s.	Dr. Cheves Bevill
Warren	Bradley	206	41	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Miss Sue Hoyle
Waters	Montgomery	840	11	...	...	...	...	...	...	...	2.17	-0.80	1.10	0.0	4	16	7	7	sw.	J. R. Huddleston
Whitecliffs	Little River	290	29	...	...	...	...	...	...	...	3.11	+0.53	1.80	0.0	3	26	4	0	...	William W. Davis
Wilson	Mississippi	237	10	70.6	-3.2	93	17	41	30	35	2.05	-0.11	1.03	0.0	5	23	0	7	s.	D. O. Anderson
Wooley Hollow ‡‡	Faulkner	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Ross Shumate
Wynne	Cross	250	27	71.6	-2.7	97	23†	39	29	39	3.71	+0.11	1.87	0.0	4	17	6	7	s.	R. T. Cobbs
Yancopin	Desha	167	11	...	...	...	...	...	...	...	1.91	-0.82	1.17	0.0	5	18	4	8	...	W. E. Barton
State Means				72.4	-1.9	103	16	35	29	45	3.13	-0.24	4.70	0.0	5	18	5	7	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖24 hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for September, 1935

Stations	Drainage-basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita				.18					.23	.11																3.47						3.99
Arkadelphia	Ouachita			.55	.01			T.		.05	.41																.25	4.70					5.97
Arkansas City	Mississippi			T.	.50	.72					.20									T	T.						T.	.70	.20				2.32
Batesville	White									.28	.53																.38	2.05	.05				3.29
Bee Branch	Arkansas									.45																	2.00	1.95					4.40
Bentonville ***	Arkansas	.03	.02						.70	.48									T.							.51	1.53						3.27
Big Lake Outlet	St. Francis			.60						.15	.52																.07	1.57	T.				2.91
Black Rock	White			.02						.39	.54																.56	3.25	.03				4.79
Blytheville	St Francis			.23						.03	.96																.04	1.40	.03				2.69
Booneville	Arkansas									.55																.27	.99	.02					1.83
Brinkley	White			.61							2.00																T.	1.50	.01				4.12
Calico Rock	White									.70	.15																.25	.94					2.04
Camden	Ouachita			08		.96					.09																.34	1.35	.04				2.86
Carthage	Ouachita		.60	.45						.31																	1.15	2.10					4.61
Center Point	Red						1.80			.47																.22	1.45	.90					4.84
Clarendon	White			.80	.48					.07	1.05								.03								.02	1.01	.02				3.48
Clinton	White									.42																	2.61						3.03
Conway	Arkansas									.65	.03																2.43	4.32					7.43
Cornerstone	Arkansas		.03	.26			T.			.16															T		.15	1.30					1.90
Corning	White			.05						.18	22																.14	2.30	.09				2.98
Cotter	White									1.03	T.																.18	1.45					2.66
Crossett [near]	Ouachita			.09	.29					.30																		1.44	04				2.16
Danville	Arkansas									.07	.24																.12	.41					0.84
Dardanelle	Arkansas									.19	.37																.26	.33					1.15
Deer	White									1 21																	.93	.03					2.17
Dumas	Mississippi		T.	.98	T.		T.			.05	.31							T.	T	T							.02	1.32					2.68
Dutton	White								T	.93																T.	3.05						3.98
El Dorado	Ouachita			.14	.40	.04					37	T.									.02						.10	.65	.15				1.87
England	Arkansas		T.	.27						.46	.08																.57	1.10					2.48
Eureka Springs	White								.61	.80																.10	1.05	.05					2.61
Fayetteville	White		.03	.01					34	3.51																.14	.56	.01					4.60
Fort Smith ***	Arkansas		T.						1.24	.12									T.							1.65	.44						3.45
Freeman Sprgs.	Arkansas									T	.05																.48	1.36	T				1.89
Fulton	Red			.11	.36		T.	.24		.05	.45																.36	1.12	T.				2.69
Georgetown	White			.42	T.					.04	.83																.23	2.12	T.				3.64
Gilbert	White									.85	.10																.25	1.61					2.81
Glenwood	Ouachita																																..
Grannis	Red			T.	.04		T.			1.65																1.06	1.76						4.51
Gravette	Arkansas		.15	.05						1.33	.22																	*	2.99				4.74
Harrison	White								.15	.76														T.			.70	.05					1.66
Helena	Mississippi			.10	.52						.49	.02							.02									1.07	.14				2.36
Higden	White									.90																	2 25	1.75					4.90
Highland	Ouachita									.20																	1.00	1.60					2.80
Hope	Red		.21	1.48			.30																			.09	.32	1.47					3.87
Hot Springs	Ouachita			1.07						.64	.23																3.11	.94					5.99
Index	Red			.53	.62			.26		.08	.10																.76	1.28					3.63
Jessieville	Ouachita									*	1.20																*	1.90					3.10
Jonesboro	White									.18	.22																.08	3.32	.09				3.89
Lead Hill	White		T.						.28	.61																.04	.98						1.91
Little Rock ***	Arkansas		.07	.12			T.		T.	.99																.04	2.01	.17					3.40
Lutherville	Arkansas									.87																T.	1.06						1.93
Madison	St. Francis			1.35	T.					T	.79																T.	1.33	T.				3.47
Magnolia	Red		.90	03	1.70					T.																		.50					3.13
Mammoth Spg	White									1 03	.14																.40	1.42					2.99
Marianna	St. Francis	.10		.68						.15	.92																	1.10					2.95
Marked Tree	St. Francis			.28	.02					.02	.36																.09	3.45	.08				4.30
Marshall	White								T.	.60															T.		1.01	.42					2.03
Mena	Ouachita			.04						.18	.78															T.	.94	1.98	T.				3.92
Morrilton	Arkansas										.36																.85	1.67					2.88
Mountain Home	White								04	1.42																	1.85	.03					3.34
Mount Ida	Ouachita									.82	.06																1.84						2.72
Newport	White									.13	.30																.15	2.29	.04				2.91
Norman	Ouachita																										2.25	1.15					3.40
Oden	Ouachita									.35	.25																.21	.50					1.31
Okay	Red			1 90			.03			.28	.02															.17	83	.60					3.83
Osceola	Mississippi																																....
Ozark	Arkansas									.44	.04																.47	.10					1.05
Paragould	St. Francis									T.	.10																T.	1.90	.48				2.48
Parkin	St. Francis			.60							.53																	2.05					3.18
Patterson	White		.62							.92	.49																44	1.98					4.45
Piggott	St. Francis									.50																	.15	1.85	.12				2.62
Pine Bluff	Arkansas			.23	.27					T.	.14																.19	1 03	.01				1.87
Pocahontas	White			.02						.56																	1.30	2.30					4.18
Portland	Ouachita			.06	1.08	.03					.25										.31							.78	1.16				3.67
Prescott	Ouachita			1.57	.26			.05		.03	.24																.10	2.87					5.12
Quitman	Arkansas																																....
Rison	Ouachita																																...
Rogers (near)	White		.02						.35	.78									.46							.14	1 05						2.80
Rosebud	Arkansas									.49																	2.00	1.45					3.94
St. Francis	St. Francis									.26	.29																.10	1.94	.09				2.68
Searcy	White									.99	.04																.84	2.35					4.22
Springbank	White			1.10	.18	.04	T.	T		T.	.20								T.								.67	1.55	.02				3.76
Story	Ouachita									.16	.38																.21	.71					1.46
Stuttgart	Arkansas			.08	.99					T.	.28																.07	.99					2.41
Subiaco	Arkansas								T.	.53																T.	.35						0.88
Sunset	Arkansas		T.						.05	1.43																T.	1.66	.03					3.17
Texarkana	Red			.15	.70			.05		15	.60								.10								1.10	.38					3.23
Thornburg	Arkansas			.01						.56	.07																1.55	1.24					3.43
Waldron	Arkansas			T.			T.		T.	.31																.30	.90	T.					1.51
Warren	Ouachita																																....
Waters	Ouachita									*	1.10																.36	.71					2.17
Whitecliffs	Red										.61																.70	1.80					3.11
Wilson	Mississippi			.45	.07						.35																	1.03	.15				2.05
Wooley Hollow	Arkansas																																..
Wynne	St. Francis			1.07							.67																T.	1.87	.10				3.71
Yancopin	Arkansas			.06	.26						.31																T.	1.17	.11				1.91

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ozark Beach, Mo	White	30	-0.9	-0.9	-0.8	-0.9	-0.9	-0.9	-0.9	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.6	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	
Cotter	do	21	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.8	3.8	3.7	3.5	3 5	3.5	3.5	3.5	2.9	2 9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3 0	2.8	2.7	2.7	
Calico Rock	do	18	0.5	0.4	0.5	0.4	0.1	0.3	0.4	0.2	0.4	0.7	0.7	0 5	0 6	0 6	0.3	0.3	0.2	0.2	0.1	0.3	0.2	0.2	0.1	0.1	0 0	-0.1	0.3	0.4	0.3	0.0	
Batesville	do	23	5.8	5.1	5.1	5.0	5.0	4 8	4 5	5.0	4.8	5.1	5.1	5.2	5.0	5.1	5.1	4.9	4.8	4.8	4.7	4.7	4.7	4.8	4.8	4.7	4.7	4.7	5 5	5.0	4.9	4.7	
Newport	do	26	2.5	2.4	2.0	1.9	1.8	1.7	1.5	1.5	1.5	1.5	1.7	1.9	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	2.5	2.1	1.7	
Georgetown	do	21	3.1	3.5	3.9	3.5	3.1	2.8	2.6	2.5	2.5	2 6	2.7	2.5	2 6	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2 3	2.2	2 0	1.9	1.8	1.7	1.7	1 9	2.3	2.8	
Clarendon	do	26	9.4	9.3	9.5	9.7	9.7	9.5	9.2	9.1	8.9	9.0	8.9	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.2	8.0	8.0	7.9	8.0	8.0	8.0	8.1	
Gilbert	Buffalo	30	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2 9	3.0	2.9	2.9	2.9	
Black Rock	Black	14	3 0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.7	3.1	3.0	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	3.5	2 9	2.6	2.5	
Arkadelphia	Ouachita	17	4.2	4.3	4 8	4.9	4.5	4.6	5.8	5.7	5.0	4.4	4.1	4.1	4.4	5.5	4.9	5.2	4 3	4.4	4.6	4.4	5.6	4.4	4.3	5.0	4.9	5.4	8.6	8.5	6.1	5.1	
Camden	Ouachita	26	4.3	4.2	4.5	4.5	4.5	4.4	4.5	4.6	5.0	5.1	4.8	4.1	3.9	3.9	4.4	4.7	4.6	4.6	4.2	4.2	4.4	4.5	5.0	4.5	4.4	4.6	4.7	10 1	10.1	8.4	
Fulton	Red	25	6.2	6.2	6.2	6.8	8.3	8 7	9.8	9.8	9.5	10.2	11.5	10.8	10.3	9.6	9.0	8.5	9.3	9.1	8.4	7.8	7.4	7.2	7.0	6.9	6.8	6.7	6.8	6.8	6.8	6.9	
Helena	Mississippi	41	13.6	12.8	11.5	12.2	11.7	10.6	9.8	10.0	10.9	11.8	12.6	14.1	15.8	17.5	18.5	18.8	18.3	18.2	15 8	13.5	11.2	9.7	8.7	7.7	7.1	6.7	6.8	6.8	6.6	6.2	
Arkansas City	do	48	15.3	13.2	11.8	11.0	10.5	9.9	9.1	8.7	8.9	9.3	9.9	10.8	12.0	13.4	14.8	16.0	16.6	16.5	15.9	14.8	13.1	10.9	9.0	7.6	6.6	6.7	5.1	4.8	4.6	4.5	

Daily temperatures for September, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	91	94	83	87	80	75	89	93	81	82	85	90	92	94	94	96	96	92	91	87	95	98	99	94	88	74	69	70	77	82		87.3
	Minimum	57	69	71	67	63	63	60	74	68	61	56	55	57	61	60	61	61	61	58	62	63	62	64	64	70	69	55	53	50	50		61.5
Batesville	Maximum	89	86	79	84	81	81	88	92	84	79	82	86	90	91	93	93	94	91	90	90	93	97	97	97	87	82	69	71	80	80		86.5
	Minimum	48	59	68	60	49	52	46	49	63	58	49	48	52	57	56	54	54	59	55	55	55	57	57	58	67	66	51	50	40	42		54.5
Bee Branch	Maximum	90	89	87	86	85	82	87	93	87	78	81	87	91	91	91	94	95	91	89	89	94	96	96	95	92	83	72	71	79	80		87.4
	Minimum	56	66	61	62	58	60	56	56	69	60	54	52	55	61	55	59	59	62	57	59	59	61	63	65	71	67	51	52	44	46		58.5
Bentonville ***	Maximum	84	73	76	77	78	82	87	80	68	74	77	82	84	86	87	86	89	88	89	87	88	90	91	90	76	70	53	65	74	77		80.3
	Minimum	58	62	58	53	51	56	55	67	56	52	51	55	59	63	64	60	60	60	58	60	60	60	63	63	66	50	49	45	43	49		56.9
Blytheville	Maximum	81	80	79	81	73	72	82	87	70	79	78	80	90	91	89	91	91	89	81	92	88	94	89	91	79	78	71	68	72	74		82.0
	Minimum	55	60	70	67	52	54	50	51	65	59	50	54	55	60	60	59	60	65	61	60	62	61	63	59	68	64	52	52	43	42		57.8
Booneville	Maximum	89	84	86	86	86	81	91	91	85	81	84	92	91	94	93	97	96	94	92	90	95	96	97	96	89	76	65	74	80	86		87.9
	Minimum	58	66	67	62	58	65	57	69	69	63	53	54	56	62	62	55	58	62	55	58	61	58	64	62	71	65	55	53	44	48		59.7
Brinkley	Maximum	95	93	84	85	83	84	86	93	83	79	82	87	91	91	92	94	93	87	88	91	97	95	98	94	89	80	76	71	79	81		87.4
	Minimum	54	65	71	68	56	54	55	52	69	61	54	53	56	62	61	58	57	62	60	59	60	62	61	65	67	65	53	53	40	44		58.6
Calico Rock	Maximum	95	89	81	83	84	81	92	94	78	79	83	89	92	95	96	96	98	95	95	95	98	98	98	97	87	81	60	72	78	84		88.1
	Minimum	53	67	68	56	51	56	50	55	66	56	54	54	56	69	60	58	58	60	60	57	57	60	62	63	71	60	51	50	45	46		57.6
Carthage	Maximum	93	93	83	82	80	83	84	94	89	78	82	86	91	92	91	93	94	90	90	88	93	96	96	94	90	82	76	72	77	82		87.1
	Minimum	51	69	71	63	60	62	60	58	70	61	55	55	59	61	56	57	58	59	57	60	58	61	63	62	67	70	55	54	46	48		59.5
Center Point	Maximum	..	..	..	85	79	72	85	90	80	79	83	86	88	90	90	92	94	96	89	88	93	96	96	94	85	75	72	72	79	80		85.5
	Minimum	..	..	..	67	65	62	61	65	67	62	58	55	59	63	63	60	61	63	59	62	64	61	64	65	71	68	57	54	46	51		61.2
Conway	Maximum	92	92	85	89	88	80	90	93	87	83	85	90	93	95	95	97	96	95	92	93	97	99	99	98	90	90	72	76	82	84		89.9
	Minimum	53	67	71	68	56	62	55	60	69	63	54	53	57	61	59	59	59	63	58	60	60	61	64	64	71	71	54	52	46	48		59.9
Cornerstone	Maximum	93	97	85	83	82	76	90	94	75	77	84	88	92	92	95	96	96	86	90	90	95	98	99	97	92	80	73	71	77	82		87.6
	Minimum	51	63	71	67	57	56	58	55	70	62	54	51	55	64	55	56	55	59	56	55	56	60	61	61	76	61	55	53	43	44		55.0
Corning	Maximum	92	83	81	83	81	86	90	93	91	79	82	89	83	95	95	95	95	93	92	96	91	97	97	97	86	80	68	67	73	79		86.8
	Minimum	54	60	66	59	49	51	47	50	61	51	50	49	52	57	57	56	56	62	60	58	59	61	63	60	67	62	50	49	43	43		55.6
Crossett	Maximum	96	96	98	85	86	83	93	94	92	74	86	90	92	95	94	95	93	96	86	90	94	96	98	95	91	85	75	74	79	82		89.4
	Minimum	56	66	70	70	60	68	64	58	69	66	66	56	58	69	56	57	58	58	59	62	59	60	58	61	70	70	58	58	44	45		61.0
Dardanelle	Maximum	90	88	82	90	86	81	87	89	83	84	84	88	91	91	93	94	94	92	91	90	93	96	97	93	87	81	73	76	81	84		87.6
	Minimum	54	67	69	63	57	65	56	65	69	64	54	54	58	59	62	59	60	61	58	59	61	60	63	64	71	70	56	55	44	47		60.1
Deer	Maximum	82	74	84	76	87	85	84	86	73	71	74	82	83	82	84	86	88	85	86	85	86	88	83	84	82	79	53	..	72	76		80.8
	Minimum	60	59	57	52	55	54	53	55	57	51	53	52	61	53	56	64	65	65	60	59	60	62	65	67	65	52	43	..	43	52		56.9
Dumas	Maximum	95	97	77	82	81	78	89	98	79	73	84	91	96	93	94	94	94	84	87	93	97	93	96	95	91	83	77	71	78	85		87.6
	Minimum	55	66	72	68	56	58	61	58	71	65	57	57	61	61	60	60	60	62	61	60	60	64	64	65	69	70	55	54	46	48		60.9
Dutton	Maximum	82	79	72	80	81	77	84	81	76	75	78	80	82	85	86	86	88	87	86	87	87	90	91	90	79	74	55	68	76	76		80.6
	Minimum	50	61	61	51	44	50	46	59	60	52	44	45	48	51	53	48	49	52	49	50	54	50	54	54	55	53	46	40	35	39		50.1
El Dorado	Maximum	94	95	86	85	83	82	85	95	84	77	87	91	95	95	96	103	102	86	88	88	96	99	99	96	90	81	76	74	81	86		89.2
	Minimum	69	73	72	63	63	57	64	72	65	64	58	59	65	60	60	63	63	61	63	64	63	62	70	73	72	59	55	48	49	54		62.8
England	Maximum	93	93	87	87	81	80	88	93	85	83	84	90	92	94	95	..	..	..	98	94	96	100	100	96	88	81	72	70	79	82		85.3
	Minimum	52	65	71	68	58	60	57	57	70	61	54	55	57	63	58	..	..	..	66	60	60	64	64	63	68	67	54	53	47	47		59.7
Eureka Springs	Maximum	86	79	77	79	81	84	88	81	71	76	79	83	83	88	89	87	91	92	92	91	91	93	95	92	80	70	53	65	77	79		82.5
	Minimum	56	64	59	53	51	54	55	63	62	51	51	55	60	63	66	64	62	61	61	65	62	64	64	68	67	53	46	43	45	51		58.0
Fayetteville	Maximum	85	80	76	78	81	82	87	83	69	74	78	82	82	86	86	86	88	88	86	88	89	91	92	90	85	71	55	67	76	77		81.3
	Minimum	58	66	59	54	51	57	57	64	64	53	51	54	57	61	64	59	57	58	58	59	59	58	61	62	69	55	48	45	41	47		56.9
Fort Smith***	Maximum	90	81	84	83	82	81	87	89	78	80	82	88	89	92	92	92	91	92	89	89	90	91	96	93	78	74	62	70	78	82		84.9
	Minimum	61	68	65	64	61	66	61	68	67	64	59	59	61	65	68	62	63	66	63	66	66	65	69	68	68	57	53	52	48	53		62.5
Gravette §§	Maximum	86	72	78	72	80	84	88	82	66	77	82	85	86	90	90	88	91	92	90	91	93	94	95	95	73	68	55	67	77	79		82.2
	Minimum	55	57	58	52	51	51	53	55	64	51	50	52	55	58	62	55	59	58	56	53	60	62	63	63	63	63	45	42	39	44		55.3
Harrison	Maximum	89	80	73	79	81	80	88	88	73	76	78	86	87	91	90	90	92	91	88	89	91	93	94	91	81	74	56	67	75	80		83.0
	Minimum	53	64	62	54	49	52	50	57	63	53	48	56	55	58	58	55	55	57	55	53	57	56	59	59	70	55	48	46	42	42		54.5
Helena	Maximum	85	92	83	81	79	78	82	91	77	74	80	85	90	90	91	92	93	82	88	90	93	93	96	94	88	83	77	65	75	78		84.8
	Minimum	60	71	72	67	56	57	59	56	70	64	58	62	62	65	61	61	64	68	65	62	65	64	69	70	70	68	54	52	42	48		62.1
Highland	Maximum	92	94	84	88	80	71	91	90	89	83	88	90	91	94	93	94	97	92	82	87	94	98	96	95	84	76	77	75	81	84		87.7
	Minimum	57	70	67	67	64	62	60	65	65	60	58	60	63	65	62	62	68	66	60	61	65	66	66	63	64	63	56	54	51	52		62.1
Hope	Maximum	97	85	81	85	78	72	87	91	85	..	..	..	..	..	..	94	95	90	88	88	95	95	96	88	80	79	72	79	79	84		86.0
	Minimum	56	56	69	70	63	60	62	67	68	..	..	..	..	..	..	56	61	62	59	61	62	62	61	61	69	70	57	50	47	47		60.7
Hot Springs	Maximum	96	93	81	88	87	83	92	95	86	86	88	93	95	96	96	98	98	94	94	92	96	99	100	96	91	80	70	75	82	86		90.2
	Minimum	58	70	70	67	62	63	59	61	68	60	57	56	59	62	64	63	62	64	60	62	64	65	66	67	70	70	55	54	50	51		62.0
Jonesboro	Maximum	90	91	81	84	82	80	87	93	83	79	80	88	92	94	94	95	94	92	91	92	95	97	95	97	89	81	69	70	77	80		87.1
	Minimum	56	63	70	66	58	58	53	56	66	60	55	54	56	60	60	60	61	65	62	61	64	65	66	65	66	64	51	52	46	47		59.5
Lead Hill	Maximum	88	80	73	79	85	84	87	85	74	79	82	91	88	95	92	96	95	96	98	94	97	97	98	95	85	75	57	69	76	82		85.7
	Minimum	50	65	63	50	45	46	49	53	64	50	49	47	52	51	55	53	52	56	55	52	55	55	57	58	68	54	48	45	39	40		52.5
Little Rock.* **	Maximum	89	90	80	83	82	76	83	91	78	78	79	84	88	90	90	90	91	86	86	86	91	92	93	91	87	74	58	70	77	79		83.7
	Minimum	60	70	71	69	64	61	61	64	66	63	60	59	62	69	67	66	69	68	64	66	66	68	68	70	71	58	54	54	52	54		63.9
Lutherville	Maximum	90	87	78	89	88	80	91	89	82	80	86	89	91	94	93	95	96	94	93	91	95	99	98	94	86	76	64	75	82	81		87.5
	Minimum	57	69	67	59	61	62	56	66	67	62	55	55	60	62	65	63	63	65	60	63	64	63	65	69	72	63	52	51	45	50		61.1
Magnolia	Maximum	93	95	86	93	84	78	86	90	83	78	85	88	90	95	95	93	95	95	90	85	96	94	95	98	92	83	80	72	77	81		88.2
	Minimum	60	70	72	70	64	65	64	64	71	64	61	57	58	63	62	62	62	63	61	64	65	63	62	63	72	71	58	55	47	47		62.7
Mammoth Spring	Maximum	83	81	79	76	76	79	81	83	78	77	76	80	84	86	87	90	89	88	87	88	89	91	90	92	87	82	58	68	73	76		81.8
	Minimum	58	64	69	55	51	53	48	54	60	54	50	50	52	57	57	58	57	59	58	57	57	59	60	62	64	58	49	49	42	46		55.6
Marianna	Maximum	91	82	82	80	78	76	81	89	89	76	78	82	86	87	88	88	89	84	84	86	90	93	93	92	86	82	79	67	75	75		83.6
	Minimum	58	73	73	69	58	58	58	55	55	63	56	59	61	64	61	61	62	66	63	61	62	64	64	68	71	68	51	53	47	47		61.1
Marked Tree§§	Maximum	79	90	80	82	79	87	84	74	88	78	82	90	92	93	93	95	88	90	91	93	96	96	97	87	77	57	70	88	80	76		84.9
	Minimum	52	57	65	65	54	55	51	52	59	59	51	52	55	57	57	57	59	61	59	60	60	62	60	61	62	52	51	43	45	41		55.8
Marshall	Maximum	90	86	82	82	81	80	87	89	78	78	84	87	90	91	93	93	95	92	91	91	94	95	96	95	92	82	61	69	77	82		86.2
	Minimum	54	67	64	55	46	53	48	62	63	52	49	47	53	54	57	55	55	58	55	54	55	51	56	65	72	60	48	46	39	43		54.6
Mena	Maximum	89	85	79	82	82	75	86	92	76	78	81	88	86	91	91	92	94	90	85	87	92	91	96	93	78	71	65	70	76	81		81.2
	Minimum	54	67	67	65	64	63	57	63	66	58	55	54	56	60	62	57	59	62	57	61	60	61	62	62	62	65	53	50	46	48		59.2
Morrilton	Maximum	87	90	81	87	86	82	88	91	81	82	82	82	88	92	91	92	93	90	91	90	92	95	94	[illegible]	89	75	59	74	78	82		[illegible]
	Minimum	57	58	66	66	61	61	56	63	61	62	58	55	58	62	60	61	63	62	62	61	63	61	65	64	70	55	55	53	50	49		60.0
Mountain Home	Maximum	92	84	74	81	83	82	90	90	74	77	81	87	90	93	94	93	96	94	92	93	95	97	[illegible]	[illegible]	[illegible]	73	[illegible]	72	77	[illegible]		85.7
	Minimum	53	62	64	52	52	52	49	53	62	54	50	50	54	58	58	56	56	59	57	56	57	[illegible]	60	62	69	55	[illegible]	45	43	43		54.3
Mount Ida	Maximum	89	91	83	83	84	77	89	92	80	80	83	82	89	92	91	94	94	91	90	87	93	95	95	91	85	77	[illegible]	74	79	84		86.1
	Minimum	49	63	68	64	56	60	54	62	66	51	49	49	51	56	57	52	53	55	50	53	55	54	57	56	68	67	56	49	41	41		55.4
Newport	Maximum	90	87	86	84	80	79	86	92	83	79	81	86	89	91	94	94	96	91	92	92	95	96	98	97	88	81	71	70	78	79		86.8
	Minimum	54	63	70	67	53	57	51	53	66	50	54	51	54	61	58	57	58	62	63	58	60	61	63	63	69	66	52	52	44	45		57.8
Okay	Maximum	91	93	89	88	89	76	88	90	95	85	92	92	92	91	92	95	96	94	92	87	94	95	96	93	85	79	77	76	82	84		89.1
	Minimum	57	63	69	67	65	61	61	63	65	63	56	54	56	59	62	56	59	63	58	61	60	58	62	60	70	68	57	54	44	41		60.0
Ozark	Maximum	89	85	85	87	85	80	87	87	88	85	85	90	92	92	93	96	94	93	91	90	94	98	98	92	85	74	66	76	84	84		87.5
	Minimum	60	68	68	60	57	65	57	70	67	64	55	55	57	58	64	58	60	63	58	61	62	61	65	65	73	63	55	52	44	50		60.5
Pine Bluff	Maximum	95	94	82	84	77	74	85	95	85	77	83	88	83	94	96	95	96	94	90	90	95	98	98	97	91	82	73	71	77	84		87.4
	Minimum	60	70	73	68	62	63	63	61	72	62	60	58	61	66	62	63	63	66	63	64	64	68	68	68	72	69	56	55	49	52		63.4
Pocahontas	Maximum	88	86	83	88	91	80	90	92	88	81	83	86	89	92	93	93	95	92	92	93	94	96	95	97	92	83	68	71	77	78		87.5
	Minimum	54	60	66	58	53	56	48	50	63	55	53	48	51	56	57	55	57	62	60	57	58	61	65	64	65	62	49	50	43	43		56.0
Portland	Maximum	93	95	89	81	81	80	83	90	85	72	88	86	90	90	93	93	94	86	83	85	90	91	95	92	89	81	77	70	75	79		86.0
	Minimum	58	65	70	70	60	58	60	58	70	67	63	58	61	62	59	59	59	60	63	63	60	63	61	63	69	70	58	58	47	48		61.3
Prescott	Maximum	94	91	85	86	82	76	86	91	86	80	83	86	91	93	93	93	94	90	89	88	92	97	97	95	90	81	80	74	78	83		87.5
	Minimum	58	69	70	70	64	62	62	69	69	63	59	57	59	64	63	62	63	63	61	63	63	63	65	65	70	70	57	55	50	49		62.6
Searcy	Maximum	90	93	82	86	83	80	85	93	82	80	81	86	90	91	93	92	94	89	89	89	94	95	96	95	87	80	70	71	79	81		86.5
	Minimum	60	67	70	67	57	61	55	57	65	60	56	55	59	54	61	62	62	65	62	63	64	66	60	67	70	66	51	51	47	49		60.6
Stuttgart	Maximum	93	95	85	84	81	78	86	92	82	79	82	88	91	91	92	94	95	87	89	90	95	97	98	95	90	81	76	71	78	86		87.1
	Minimum	56	75	70	67	58	59	58	57	71	62	56	56	58	65	60	61	60	64	60	61	52	66	65	65	67	67	55	54	44	46		60.5
Subiaco	Maximum	90	84	81	87	86	82	91	89	82	82	85	90	92	93	94	94	95	95	92	93	94	96	98	95	86	76	76	73	80	81		87.7
	Minimum	58	68	67	60	59	65	56	67	68	63	54	54	58	61	62	60	61	64	61	61	62	62	66	68	71	63	55	53	48	49		60.8
Texarkana	Maximum	97	95	83	89	82	73	88	92	82	79	85	89	93	95	95	97	97	95	91	89	95	98	98	96	85	85	75	72	79	85		88.5
	Minimum	57	61	60	63	67	62	55	65	66	61	59	55	57	58	62	60	59	60	60	61	59	60	59	62	62	60	56	52	46	47		59.0
Thornburg	Maximum	90	89	82	86	86	80	90	93	80	81	83	90	90	94	93	95	97	95	93	90	95	98	99	95	89	76	72	71	79	83		87.7
	Minimum	47	63	67	67	52	55	47	57	65	56	47	46	50	53	57	53	51	58	49	52	53	54	56	57	69	67	51	50	40	39		54.4
Wilson	Maximum	89	89	81	79	77	73	83	79	77	76	80	83	86	91	91	91	93	89	89	90	87	87	88	90	83	80	73	65	76	75		83.0
	Minimum	51	59	69	60	52	54	50	50	67	59	60	60	54	69	65	60	59	64	60	59	60	59	60	60	69	61	54	50	46	41		58.2
Wynne	Maximum	91	88	84	82	79	79	81	90	77	78	80	86	90	92	93	94	95	86	90	91	94	93	97	97	88	82	72	68	78	79		85.7
	Minimum	58	68	67	65	51	53	49	51	65	59	50	52	55	60	56	70	55	65	59	56	58	65	62	70	64	62	50	50	39	41		57.6

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark.-10-28-35-1200

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XL LITTLE ROCK, ARK., OCTOBER, 1935 No. 10

GENERAL SUMMARY

Temperature and precipitation were both above normal, this being the wettest October since 1926. The cool weather of the latter part of September continued until the 9th of October with departures as much as 16° below normal on the 6th. Another cool spell lasted from the 23d to the 25th, while temperatures were considerably above normal in nearly all sections much of the remainder of the time. Frost occurred in central, northern, and eastern portions of the State on the 7th but vegetation was killed only in some northeastern, east-central, and mountainous sections. The average temperature for the State, based on the reports of 60 stations, was 63.8° which is 1.2° above the mean for the past 45 years. Monthly means ranged from 57.2° at Dutton to 70.0° at El Dorado. Of the stations with records of 10 years or more, only 7 had negative departures. The highest temperature reported was 95° at El Dorado on the 15th; the lowest, 27° at Wynne on the 7th. The greatest daily range was 48° at Okay on the 3d.

Showers occurred from the 5th to the 10th and again on the 14th and 15th, daily amounts of an inch or more being reported only at a few northwestern stations, but from the 18th to the 28th general rains fell in nearly all sections with only a few days intervening. Rainfall was excessively heavy in the east-central portion on the 23d, stations in Cross, St. Francis, and Crittenden counties reporting from four to more than six inches. The average precipitation for the State for the 90 stations reporting was 4.94 inches which is 1.81 inches above the mean for the past 45 years. Monthly totals ranged from 1.89 inches at El Dorado to 10.69 inches at Madison. Of the stations for which normals have been computed, only 16 had negative departures. The greatest amount measured in any 24-hour period was 6.30 inches at Parkin on the 23d. The average number of days with 0.01 inch or more was 9 but Sunset in the Ozarks had 16 rainy days.

The dry weather the first of the month was favorable for picking cotton but it was too cool for the growth of the late crop. Picking was delayed the latter half of the month by the continued cloudy, rainy weather and the heavy rains did considerable damage to open cotton. Grown bolls opened slowly and young bolls decayed where rainfall was heaviest. The frost and freezing temperatures on the 7th did considerable damage to cotton and late corn in northeastern and east-central portions of the State. The weather was unfavorable for gathering early corn and for harvesting and threshing rice, but was very favorable for the growth of wheat, oats, cover crops, and winter truck. The soil was too dry in a few southern localities where rainfall was lightest even at the close of the month but elsewhere was in good condition for fall plowing and planting.

Moderate Hail:--Sunset, 28th, slight damage.

Corrections:--September, 1935

Paragould precipitation departure should be −0.29.

Marked Tree; observation on 26th missed. Maximum temperature on 25th should be blank; 26th 77°; 27th 57°; 28th 70°; 29th 88°; 30th 80°. Minimum temperature on 26th blank; 27th 52°; 28th 51°; 29th 43°; 30th 43°. Mean maximum 85.4[a]°; mean minimum 56.2[a]°; mean temperature 70.8[a]°; departure from normal −2.8°; lowest 43[a]° on 29th†. Greatest daily range 45[b].

El Dorado, minimum temperature on 1st should be 56°, others should be set forward one day; lowest 48° on the 29th; greatest daily range 43°.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 10	30.59	24	29.48	20	7.2	20	s	13	..	..	..	58
Fort Smith	30.09	30.52	24	29.70	20	7.7	19	sw	2†	81	56	65	45
Little Rock	30.12	30.55	24	29.78	21	7.0	24	sw	22	82	56	61	64
Memphis	30.13	30.53	24	29.82	3	6.5	19	n	23	75	54	59	71

COMPARATIVE DATA FOR OCTOBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	− 2.2	92	27	0.65	−2.48	2.54	0.00	0.0	2	25	4	2
1892	63.8	+ 1.2	92	27	3.26	+0.13	9.07	0.27	0.0	6	16	7	8
1893	60.5	− 2.1	99	23	1.30	−1.83	3 43	0.25	0.0	3	24	4	3
1894	63.0	+ 0.4	96	24	1.52	−1.61	3.79	0.10	0.0	3	22	5	4
1895	57.1	− 5.5	95	21	1.44	−1.70	2.91	0.37	0.0	4	19	6	6
1896	60.8	− 1.8	98	25	3.59	+0.46	7.01	1.50	0.0	6	18	5	8
1897	67.6	+ 5.0	99	28	2.01	−1.12	5.36	0.29	0.0	3	21	6	4
1898	60.0	− 2.6	100	23	5.44	+2.31	11.18	2.82	T.	8	16	7	8
1899	65.6	+ 3.0	101	28	2.88	−0.25	6.52	0.76	0.0	5	19	7	5
1900	66.0	+ 3.4	97	32	4.31	+1.18	8.43	1.19	0.0	6	14	10	7
1901	63.7	+ 1.1	95	27	2.07	−1.06	5.03	0.53	0.0	4	18	9	4
1902	62.5	− 0.1	90	27	2.68	−0.45	7.10	0.88	0.0	4	18	9	4
1903	60.9	− 1.7	97	26	2.22	−0.91	4.87	0.24	0.0	4	17	8	6
1904	62.5	− 0.1	100	20	0.94	−2.19	3.32	T.	0.0	2	23	5	3
1905	61.1	− 1.5	92	23	4.49	+1.36	8.31	1.57	0.0	7	15	11	5
1906	58.2	− 4.4	94	25	2.38	−0.75	4.08	0.28	0.0	6	18	5	8
1907	61.9	− 0.7	96	23	3.03	−0.10	10.85	1.26	0.0	6	16	7	8
1908	59.2	− 3.4	93	24	0.48	−2.65	2.12	0.00	0.0	2	21	6	4
1909	63.0	+ 0.4	98	24	2.15	−0.98	4.84	0.00	0.0	3	21	6	4
1910	62.9	+ 0.3	96	16	5.19	+2.06	16.01	1.27	T.	6	21	5	5
1911	62.7	+ 0.1	101	25	1.67	−1.46	4.18	0.41	T.	5	14	9	8
1912	63.8	+ 1.2	96	22	2.97	−0.16	6.55	0.51	0.0	4	18	8	5
1913	60.1	− 2.5	95	18	5.41	+2.28	9.31	2.28	0.6	9	13	9	9
1914	63.0	+ 0.4	93	21	1.74	−1.39	5.35	0.00	0 0	5	13	8	10
1915	63.4	+ 0.8	94	26	2.83	−0.30	6.79	0.10	0.0	4	22	4	5
1916	62.8	+ 0.2	96	21	2.30	−0.83	5.06	0.57	0.0	4	21	4	6
1917	56.6	− 6.0	99	12	1.89	−1.24	4 12	0.20	T.	5	21	5	5
1918	65.6	+ 3.0	100	30	3.99	+0 86	8.58	1.10	0.0	8	13	5	13
1919	66 6	+ 4.0	98	33	10.90	+7.77	18.28	6.31	0.0	14	6	5	20
1920	64.2	+ 1.6	93	25	4.39	+1.26	8.18	1.66	0.0	7	16	6	9
1921	61 6	− 1.0	96	27	0.72	−2.41	1.47	T	0.0	3	23	4	4
1922	63.1	+ 0.5	98	20	1.47	−1.66	4.35	0.15	0.0	4	18	6	7
1923	59.2	− 3.4	94	20	3.53	+0 40	7.34	0.90	0.0	7	12	9	10
1924	64.9	+ 2.3	96	21	0.29	−2.84	2.13	0.00	0.0	1	24	4	3
1925	58.7	− 3.9	98	13	7.73	+4.60	13.89	3.57	0.1	10	12	5	14
1926	64.9	+ 2.3	99	23	5.77	+2.64	12.08	2.49	0.0	8	15	5	11
1927	66.0	+ 3.4	100	30	3.13	0.00	8.25	0.82	0.0	5	22	4	5
1928	66.3	+ 3.7	100	27	4.74	+1.61	11.58	1.33	0.0	8	16	7	8
1929	62.2	− 0.4	93	19	4.29	+1.16	9.33	1.11	0.0	7	15	7	9
1930	60.1	− 2.5	92	17	4.89	+1.76	8 45	1.49	0.0	6	17	5	9
1931	67.1	+ 4.5	98	26	2.35	−0 78	10.22	0.65	0.0	4	17	7	7
1932	60 8	− 1.8	94	26	3.41	+0 28	6.12	0.91	0.0	6	19	4	8
1933	62.6	0.0	90	30	2.83	−0.30	7.73	0.58	0.0	5	19	7	5
1934	66.2	+ 3.6	96	25	0.79	−2.34	2.05	0.00	0.0	2	21	7	3
1935	63.8	+ 1.2	95	27	4.94	+1.81	10.69	1.89	0.0	9	13	8	10
Period	62.6	.. ...	101	12	3.13	......	18.28	0.00	T.	5	18	6	7

Daily River Stages for October, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	Arkansas	22	5.0									6.0	7.3	6.8	6.0	6.1	5.6	5.0			6.8	6.8	6.3	6.3	7.4	8.7	8.6	8.0	8 8	9.3	8.9	8.0	7.3
Van Buren			6.7	6.4	6 3	6.1	6.0	5 8	5 7	5.6	5.7	6.8	8.9	8 5	8.0	7.8	7.3	6.7	6.5	6.7	8.3	8.5	8.1	8.0	8 7	10.1	10.3	9.5	10.2	10.7	10.3	9.5	8.8
Ozark	do	22	2.2	1 9	1.6	1.3	1.2	1.2	1.1	1.1	1.1	1 1	3.0	3.8	3.3	2.8	2 7	2.4	1.9	1.7	2.3	3.4	3.8	3.2	3.0	4 3	5.3	4.7	4.7	5.4	5.9	5.2	4.3
Dardanelle	do	22	6.8	6.3	5.9	5.7	5.5	5.3	5 3	5.2	5.1	5.1	5 2	6.9	7 8	7.4	6.9	6.8	6.4	6.3	6.5	6.5	7.7	7.9	7.4	7.1	8.5	9.0	8.8	8.9	9.4	9.4	8.8
Morrilton	do	20	1.8	1 4	0.8	0 4	0.0	-0.1	-0.2	-0.3	-0.4	-0.4	-0.4	-0.2	2.5	2.8	2.2	1.8	1.6	1.2	1.4	1.6	2.1	3 3	3.3	2.6	2.8	4.7	5.0	5.0	5 6	5.9	5 4
Little Rock	do	23	2.4	2.8	2.5	2.2	1.8	1.6	1.4	1.4	1.3	1.2	1.2	1.2	1 3	3.0	3.5	3.1	2.8	2.6	2.4	2.4	2 5	2.9	4.2	4.5	3.8	3.8	5.1	5.9	6.2	6.4	6.4
Pine Bluff	do	25	6.0	6.6	7 2	7.0	6 6	6.1	5.8	5.6	5.4	5.3	5.2	5 2	5.1	5.2	7.0	8.0	7 8	7.3	7.0	6.8	6.8	6.8	7.5	8.7	8.9	8.5	8.5	9 8	10.5	10.7	10.8
Danville	Petit Jean	20	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.9	2.2	2.2	2.0	1.8	1.8	1.8	1.8	2.0	2.2	7.1	6.2	4.1	4.3	4.0	4.0	3.6	4 1	2.4	3.6	3.8	3.4

Climatological Data for October, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	40	65.4	+2.2	87	14†	40	7	36	5.68	+2.42	2.15	0.0	7	11	13	7	s.	J. W. Campbell
Arkadelphia	Clark	200	40	......	......	......	......	......	......	......	6.35	+3.23	1.73	0.0	10	16	4	11	ne.	W. K. Bown
Arkansas City	Desha	145	51	......	......	......	......	......	......	......	3.88	+1.51	2.07	0.0	5	19	5	7	......	Herbert Neff
Batesville	Independence	277	36	61.9	+1.3	88	14†	29	7	38	3.39	+0.13	0.63	0.0	12	15	8	8	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	43	63.8	+1.5	85	13†	34	7	34	5.46	+2.11	2.00	0.0	9	14	7	10	s.	J. E. Scanlan
Bentonville	Benton	1303	30	58.8	−0.1	82	15	36	24	32	6.50	+3.00	1.95	0.0	13	7	9	15	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	5	......	......	......	......	......	......	......	4.00	......	1.00	0.0	8	17	5	9	......	C. J. Brooks
Black Rock	Lawrence	259	34	......	......	......	......	......	......	......	4.95	+1.61	1.39	0.0	14	16	5	10	......	Vernon C. Howe
Blytheville	Mississippi	252	10	61.0	−2.4	82	14†	31	7	36	4.19	+0.67	1.22	0.0	12	20	2	9	s.	Samuel Norris
Booneville	Logan	465	21	65.0	+1.6	89	13†	41	2	43	6.65	+3.18	1.48	0.0	11	11	12	8	e.	F. H. Randolph
Brinkley	Monroe	205	48	64.2	+1.8	91	13	30	7	38	4.90	+1.80	2.65	0.0	7	13^{a}	9^{a}	8^{a}	......	R. J. Torry
Calico Rock	Izard	361	31	62.4	+2.0	87	13	33	7	36	4.58	+1.41	0.99	0.0	12	12	7	12	sw.	W. M. Jones
Camden	Ouachita	116	50	67.4^{b}	+3.7	90	14	36^{c}	7	39^{c}	3.62	+0.72	2.47	0.0	7	12	8	11	se.	J. M. Knight
Carthage	Dallas	297	30	64.6	......	89	14	34	7	38	4.63	+1.49	2.47	0.0	7	13	15	3	s.	P. K. Wylie
Center Point	Howard	591	36	66.0	+0.7	88	16	41	7	35	2.69	−0.57	1.70	0.0	7	15	4	12	s.	John C. Floyd
Clarendon	Monroe	172	31	......	......	......	......	......	......	......	4.17	+0.80	1.67	0.0	9	14	2	15	e.	J. W. Bishop
Clinton	Van Buren	516	14	......	......	......	......	......	......	......	7.34	+2.86	2.73	0.0	11	13	10	8	sw.	A. L. Stephens
Conway	Faulkner	309	52	65.4	+2.2	89	13†	34	7	37	5.73	+2.86	2.50	0.0	8	19	7	5	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	24	65.2	......	93	14	28	7	41	4.77	+2.25	2.46	0.0	5	16	9	6	se.	P. B. Dutchens
Corning	Clay	293	42	61.6	+1.9	89	15	30	7	36	5.38	+2.02	2.00	0.0	12	15	0	16	s.	Winfred D. Polk
Cotter	Baxter	440	8	......	......	......	......	......	......	......	3.97	......	1.18	0.0	10	15	6	10	......	O. B. McSpadden
Crosset (near)	Ashley	175	23	67.4	+2.2	91	14†	34	7	45	2.49	−1.75	1.59	0.0	2	14	12	5	s.	U. S. Forest Service
Danville	Yell	327	19	......	......	......	......	......	......	......	4.74	+0.31	1.98	0.0	10	12	7	12	......	J. M. Patterson
Dardanelle	Yell	330	49	65.0	+1.8	88	16†	35	7	40	6.64	+3.63	2.25	0.0	12	8	13	10	se.	Geo. N. Goodier
Dumas	Desha	162	30	67.5	+2.7	92	13†	31	7	40	2.71	−0.72	1.20	0.0	8	8	12	11	s.	Ben Johnson
Dutton	Madison	1590	33	57.2	+0.8	82	15	32	7	41	6.89	+3.08	1.08	0.0	15	10	9	12	s.	J. M. Ricketts
El Dorado	Union	270	35	69.8	+4.4	95	15	37	7	38	1.89	−1.35	1.37	0.0	5	15	5	11	se.	L. E. Ellis
England	Lonoke	229	29	65.2^{a}	+1.4	91^{a}	14†	31^{a}	7	42^{a}	3.15	−0.12	2.05	0.0	7	21^{a}	3^{a}	6^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	60.4	−0.1	87	15	34	24	35	5.41	+1.91	0.91	0.0	14	13	7	11	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	60.8	0.9	82	15†	36	24	34	5.72	+2.36	1.06	0.0	15	10	11	10	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	63.8	+1.0	88	16	43	24	33	5.76	+2.77	2.23	0.0	10	7	11	13	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	11	......	......	......	......	......	......	......	6.01	+0.70	1.18	0.0	11	17	2	12	sw.	R. J. McCuiston
Fulton	Hempstead	260	50	......	......	......	......	......	......	......	4.42	+1.82	1.50	0.0	7	12	8	11	......	T. J. Logan
Georgetown	White	200	23	......	......	......	......	......	......	......	6.09	+2.35	2.01	0.0	10	18	5	8	......	Mrs. W. R. Owens
Gilbert	Searcy	600	9	......	......	......	......	......	......	......	4.65	......	1.12	0.0	11	18	4	9	......	F. J. King
Glenwood	Pike	547	1	......	......	......	......	......	......	......	......	......	...	...	..	..	..	..	......	C. A. Price
Grannis	Polk	900	16	64.0	+1.8	87	14†	39	7	38	6.39	+1.17	3.33	0.0	13	13	5	13	se.	W. E. McVay
Gravette	Benton	1250	38	59.4	−0.1	85	14†	33	24	37	5.66	+2.15	1.42	0.0	14	15	8	8	se.	Max W. Schmidt
Harrison	Boone	1052	35	59.6	+0.4	84	17	32	24	40	3.73	+0.57	0.85	0.0	12	15	6	10	e.	Louis R. Keck
Helena	Phillips	300	63	65.6	+2.3	89	16	34	7	33	5.16	+2.40	3.36	0.0	7	11	13	7	se.	James A. Burnett
Higden	Cleburne	445	16	......	......	......	......	......	......	......	5.66	+1.12	2.36	0.0	7	12	5	14	sw.	Trumon Brown
Highland	Pike	491	16	67.6	......	90	3	41	7	34	2.45	−1.65	1.05	0.0	4	7	12	12	s.	J. O. Cooley
Hope	Hempstead	354	65	66.8^{c}	+1.0	89^{c}	16	40^{c}	7	38^{c}	3.49	+0.11	1.98	0.0	7	17^{c}	2^{c}	9^{c}	......	N. P. O'Neal
Hot Springs	Garland	600	44	67.0	+3.0	90	15	39	7	38	5.52	+2.24	1.87	0.0	8	5	21	5	s.	National Park Service
Index ‡‡	Little River	275	18	......	......	......	......	......	......	......	5.10	+1.92	1.64	0.0	9	15	1	15	......	H. C. Sanderson
Jessieville	Garland	750	9	......	......	......	......	......	......	......	5.61	......	2.06	0.0	8	4	19	8	s.	U. S. Forest Service
Jonesboro	Craighead	345	40	64.3^{b}	+1.9	87	12†	40^{c}	25	33^{c}	5.21	+1.85	2.38	0.0	12	13	11	7	ne.	Benedictine Sisters
Lead Hill	Boone	650	29	60.2	−0.4	90	15	30	24	46	3.86	+0.45	1.02	0.0	10	16	4	11	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	64.3	+0.7	85	16	40	7	29	3.50	+0.79	2.14	0.0	10	12	9	10	e.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	36	63.6	+1.6	88	16	38	7	38	8.17	+4.21	2.51	0.0	14	9	7	15	se.	H. G. Lenhardt
Madison	St. Francis	209	5	......	......	......	......	......	......	......	10.69	......	5.73	0.0	10	14	2	15	......	J. W. Eppes
Magnolia	Columbia	315	19	69.5	+3.3	91	14	40	7	36	3.00	−0.55	3.00	0.0	1	6	24	1	s.	State Agri. School
Mammoth Spring	Fulton	600	31	60.6	+1.7	84	13†	30	7	45	6.58	+3.25	0.96	0.0	13	16	6	9	se.	S. F. Whittaker
Marianna	Lee	235	24	63.6	+0.3	85	12†	32	7	32	4.12	+0.55	1.03	0.0	8	16	11	4	n.	C. N. Houck
Marked Tree	Poinsett	229	31	61.6	+0.6	88	16	31	7	41	4.37	+0.09	2.45	0.0	8	9	16	6	s.	Charles Walton
Marshall	Searcy	1070	21	62.2	+0.4	86	15†	30	7	42	3.92	−0.37	1.13	0.0	11	16	2	13	s.	A. J. Parks
Mena	Polk	1207	47	63.7	+0.9	85	15†	44	2†	34	4.48	+0.81	1.87	0.0	8	7	8	16	ne.	E. W. St. John
Morrilton	Conway	347	16	64.0	+0.8	85	1†	42	7	33	6.44	+2.30	1.70	0.0	10	12	8	11	se.	Hugh B. Wear
Mountain Home	Baxter	800	23	61.0	+0.8	88	13	32	7	42	4.71	+0.34	1.03	0.0	10	14	3	14	s.	B. S. Halbert
Mount Ida	Montgomery	650	36	63.0	+1.6	88	14	33	7	43	5.54	+1.70	2.70	0.0	10	11	9	11	e.	G. A. Whittington
Newport	Jackson	231	52	63.6	+1.7	90	14	32	7	35	5.06	+2.18	1.98	0.0	11	13	10	8	n.	J. D. Henderson
Norman	Montgomery	750	7	......	......	......	......	......	......	......	6.72	......	2.47	0.0	9	15	3	13	s.	U. S. Forest Service
Oden	Montgomery	800	9	......	......	......	......	......	......	......	4.34	......	1.50	0.0	8	6	12	13	se.	U. S. Forest Service
Okay	Howard	288	7	66.1^{g}	......	88^{n}	3	40	3†	48^{n}	3.52	......	1.70	0.0	6	15	12	4	se.	Charles R. Jackson
Osceola	Mississippi	240	39	......	......	......	......	......	......	......	......	......	......	...	..	..	..	..	......	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	64.1	+0.7	86	13†	40	24	40	5.41	+2.19	0.98	0.0	9	15	2	14	e.	Orkney O. Milton
Paragould	Greene	275	12	......	......	......	......	......	......	......	4.39	+1.44	2.20	0.0	10	18	5	8	ne.	W. R. Heagler
Parkin	Cross	222	5	......	......	......	......	......	......	......	9.07	......	6.30	0.0	7	13	7	11	......	Carroll King
Patterson	Woodruff	204	19	......	......	......	......	......	......	......	5.16	+1.30	1.35	0.0	6	20	5	6	nw.	W. E. Baker
Piggott	Clay	297	11	......	......	......	......	......	......	......	3.50	−0.37	0.80	0.0	12	17	7	7	se.	V. C. Wright
Pine Bluff	Jefferson	215	48	67.7	+3.5	91	13	39	7	35	3.59	+0.68	1.98	0.0	7	10	13	8	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	42	62.4	+0.8	87	16	32	7	36	4.85	+1.54	1.40	0.0	12	12	7	12	sw.	Benedictine Sisters
Portland	Ashley	122	29	66.2	+1.6	89	22	34	7	38	2.42	−0.48	1.60	0.0	3	12	11	8	s.	W. E. Edmiston
Prescott	Nevada	318	47	66.2	+1.6	90	14	39	7	36	4.83	+2.17	1.89	0.0	11	16	5	10	e.	Craig Williams
Quitman	Cleburne	480	1	......	......	......	......	......	......	......	......	......	......	...	..	..	..	..	......	G. M. Hooten
Rison	Cleveland	243	35	......	......	......	......	......	......	......	......	......	......	...	..	..	..	..	......	Mrs. M. V. Tisdale
Rogers (near)	Benton	1300	45	60.6	+1.0	86	15	34	24	41	5.80	+2.70	0.83	0.0	14	8	10	13	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	....	1	......	......	......	......	......	......	......	5.49	......	2.12	0.0	8	10	11	10	.	Miss Clarice Maddox
St. Francis	Clay	290	8	......	......	......	......	......	......	......	4.44	......	1.54	0.0	9	16	5	10	......	S. T. Rooney
Searcy	White	245	25	64.4	+2.1	92	14	37	7	36	6.65	+3.71	2.65	0.0	12	18	3	10	ne.	Arthur D. Smith
Springbank	Miller	240	26	......	......	......	......	......	......	......	2.62	−0.54	1.17	0.0	7	17	2	12	......	Henry Field
Story	Montgomery	650	11	......	......	......	......	......	......	......	3.65	−0.20	1.75	0.0	7	19	5	7	s.	S. C. Story
Stuttgart	Arkansas	209	48	63.6	+0.5	90	14	33	7	36	5.04	+1.84	2.34	0.0	6	17	9	5	sw.	Mrs. Kress Swim
Subiaco	Logan	750	38	64.4	+0.8	87	13†	40	7	39	6.68	+3.29	2.58	0.0	11	15	6	10	e.	New Subiaco Abbey
Sunset	Washington	2250	4	59.8	......	82	15	36	23	27	5.96	......	1.42	0.0	16	10	12	9	sw.	Walter James
Texarkana	Miller	332	50	66.0	+0.2	91	14†	40	24	39	4.34	+1.21	2.26	0.0	7	15	7	9	n.	H. S. Brashear
Thornburg	Perry	650	15	62.3	+0.8	88	15†	28	7	44	6.84	+2.86	2.88	0.0	9	15	7	9	s.	Edward E. Holmes
Waldron	Scott	675	16	......	......	......	......	......	......	......	3.23	−1.01	1.21	0.0	10	6	6	19	s.	Dr. Cheves Bevill
Warren	Bradley	206	41	67.2^{c}	+3.2	90^{c}	14†	41^{c}	25	36^{c}	3.39	−0.22	1.83	...	4	16	9	6	......	Miss Sue Hoyle
Waters	Montgomery	840	11	......	......	......	......	......	......	......	6.15	+1.47	2.09	0.0	8	10	8	13	sw.	J. R. Huddleston
Whitecliffs	Little River	290	29	......	......	......	......	......	......	......	2.63	−0.65	1.00	0.0	3	14	1	16	......	William W. Davis
Wilson	Mississippi	237	10	61.8	−1.0	89	16	29	7	38	5.01	+1.70	2.55	0.0	9	18	4	9	s.	D. O. Anderson
Wooley Hollow ‡‡	Faulkner	....	1	......	......	......	......	......	......	...	......	......	...	...	..	..	..	..	......	Ross Shumate
Wynne	Cross	250	27	62.6	−0.2	88	12	27	7	38	8.01	+4.01	4.18	0.0	8	15	5	11	n.	R. T. Cobbs
Yancopin	Desha	167	11	......	......	......	......	......	......	......	3.46	+0.34	1.94	0.0	8	16	5	10	......	W. E. Barton
State Means				63.8	+1.2	95	15	27	7	48	4.94	+1.81	6.30	0.0	9	13	8	10	s.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Wooley Hollow, Greenbrier, Route 1. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for October, 1935

Stations	Drainage-basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita								.05		.70				.15				2.15			.32	.63					1.68					5.68
Arkadelphia ‖‖	Ouachita									T	.52	.19				1.73			.22	.47		.10	T.	.43	.24			.81	1.64				6.35
Arkansas City ‖‖	Mississippi															T.		T			.08	T.	.52	1.14	.07				2.07				3.88
Batesville ‖‖	White					T.	.18		.16	.10	.02								.24	.63		.50	.06	.50	.05			.45	.50				3.39
Bee Branch	Arkansas					.08			.10	.10									1.16	.51		.58	.67	.26			T.	2.00					5.46
Bentonville •••	Arkansas				T.	.07		.86	T.	.84				T.	.13			.36	.57	.01	.56		T.			.16	.47	.13	.39			1.95	6.50
Big Lake Outlet ‖‖	St. Francis						.09		T.	.15	T.					T.			T.	.85	T.	.19	.87	1.00	.12			T.	.73			T.	4.00
Black Rock ‖‖	White					T.	.17		T.	.35	.03					.08			.37	.75	.03	.37	.07	1.39	.04			.31	.93	.06			4.95
Blytheville ‖‖	St Francis					T.	.02		.05	.07	.05								.37	1.22		.30	.64	.77	.09				.56			.05	4.19
Booneville	Arkansas					T.		.41	T.	1.20	1.20				.02			13	1.48	.40		.40					.08	1.31				.02	6.65
Brinkley ‖‖	White									.07						.12				.34		.06	.35	2.65					1.31				4.90
Calico Rock ‖‖	White					T.	.15		.17	.05	.15					.20			.82	.30		.45	.10	.99				.70	.50				4.58
Camden ‖‖	Ouachita										.02	.18				.20				.13				.39	.23				2.47				3.62
Carthage	Ouachita								T	T.	.26				.45				.47	.13		.05		.80				2.47	T.				4.63
Center Point	Red														.10			.25				.42	03	.12	.07			1.70					2.69
Clarendon ‖‖	White						.04									.58			.01	.09		.08		1.64	.04			.02	1.67				4.17
Clinton	White					.21			.20	.19									2.78	.93		.50	.30	.27			.02	1.75	.19				7.34
Conway	Arkansas								.15	.08					T				.82	.75		.08	34	1.01				2.50					5.73
Cornerstone	Arkansas										T				.34							.16	.01	2.46				1.80					4.77
Corning ‖‖	White					.03			.22	.18	.05								.35	.98		.15	.02	2.00	.05			.65	.70				5.38
Cotter	White					.14			.31		.12								.28	.58		.31	.35	.10			T.	.60	1.18				3.97
Crossett [near]	Ouachita																											1.59	.90				2.49
Danville ‖‖	Arkansas								30	.03	.50	.08							.28	.85		T	.24	23				1.98	.25				4.74
Dardanelle ‖‖	Arkansas					.01			19	.02	.38					.03			2.25	1.12		.34		.19			.01	1.65	.45				6.64
Dumas	Mississippi								T.	T.	T.			T.	T	T.		.05	T.	.15		.05	.05	.65	.04			1.20	.52				2.71
Dutton	White					.07		.75	.11	96	.04				.16			1.08	.70	.45		.70	.56				.17	.86	.23			.05	6.89
El Dorado ‖‖	Ouachita															.04				.29		T.	T.	.10	.09				1.37				1.89
England	Arkansas								T.	.02									.04	.07		.02	.08	.87				2.05					3.15
Eureka Springs	White					.10	.03	.53		.35	.12							.33	.61	.50		.91	.02				.47	.30	.34			.80	5.41
Fayetteville	White					.05		1.02	.02	1.06	.01				.33			.55	.38	.77		.40	.03			T	.28	.27	.46			.09	5.72
Fort Smith •••	Arkansas				T.	T.		.25	T.	2.23	T.			T				.87	1.28		.18	.01	.01			T.	.10	.79	T.			.04	5.76
Freeman Sprgs ‖‖	Arkansas					.16	.15		.40	.06	.41								1.18	.73		.36		.57				.84	1.15				6.01
Fulton ‖‖	Red									T.	.58	.06				.78			T.	05		T.		T.	.40			1.50	1.10				4.42
Georgetown ‖‖	White						.18		.12	.06						T.			.22	1.21		.36	.06	2.01	.11			T	1.76				6.09
Gilbert	White					T.	.03		.37	.08	.17								1.12	.27		.63	.27	.31		T.	T.	.65	.75				4.65
Glenwood	Ouachita																																
Grannis	Red								.03	.06	1.37				.10				.31	.08	T.	.53	.07	.18	.12	T.	T.	3.33	.02			.19	6.39
Gravette	Arkansas					.07		.04	.71		.65	.14			.14				.44	1.42		.50	.28			.04	.40	.28	.55				5.66
Harrison	White					35		.47	T.	.12								.30	.21	.85		.43	.05				.15	.49	.13			.18	3.73
Helena ‖‖	Mississippi															.30				T	.25	.07	.26	3.36	.07				.85				5.16
Higden	White							.15		.10									1.04	.22			1.64				.15	2.36					5.66
Highland	Ouachita								.05		1.00								1.05			.35											2.45
Hope	Red									.03	32				.43				.13			.05		.55				1.98					3.49
Hot Springs	Ouachita								.05	.10	.65				1.25				.92				.18	.50				1.87			T.		5.52
ndex	Red									.03	1.27	.16								.16			.01	.03	.50			1.64	1.30				5.10
essieville ‖‖	Ouachita								.05		.45					.45				.95			.55	1.10				*	2.06				5.61
onesboro ‖‖	White						.22		.03	.22	T.								.02	.45	T.	.42	.24	2.38	.53			.12	.55			.03	5.21
Lead Hill	White					.16		.18	T.	.02	T.							.70	.56	1.02			T.				.42	.63	.15			.02	3.86
Little Rock •••	Arkansas					T.		.01	.02	.04	.06				T.			T.	.11	.15		.12	.44	.41				2.14				T.	3.50
Lutherville	Arkansas					.23		.51	.06	.57	.07				.02				1.12	.51		1.35	.60	.25			.10	2.51	.27				8.17
Madison ‖‖	St. Francis						.12		12	.03						.78				.18		.18	1.60	5.73	.20				1.75	T.			10.69
Magnolia	Red																							T.				3.00					3.00
Mammoth Spg ‖‖	White					.38	.66			.23	.58				.33	.08			.82	.61		.37	.23	.96				.76	.57				6.58
Marianna	St. Francis					.10			.02							.87				.30		.05	1.03	.83				.92					4.12
Marked Tree ‖‖	St. Francis						.06			.08										.71		.16	.11	2.45	.28				.52				4.37
Marshall	White					.21			.31	.26	.03								1.13	.23		.36	.03	.36				.82	.18				3.92
Mena ‖‖	Ouachita					T			.04	.04	1.01	T.							T.	.65		.25		.45			T.	1.87	.17			T.	4.48
Morrilton ‖‖	Arkansas								.05	.05	.15								1.15	.70		.25	.09	1.70				1.60	.70				6.44
Mountain Home	White					.58			.20	.15									.60	.40		.40	.60	.15				1.03	.60				4.71
Mount Ida	Ouachita								.14	.20	.45				.20				1.15	.06		.27	.16	.21				2.70					5.54
Nail	White																							.22			.07	.95	.07				....
Newport ‖‖	White								.12	.06	.02								.82	.16		.26	.03	1.98	.27			.36	.98				5.06
Norman ‖‖	Ouachita									.35	.52								2.24	.25		.35	.05	.47	.02				2.47				6.72
Oden ‖‖	Ouachita								T.	.08	.53					08				.25		.20		1.20				1.50	.50				4.34
Okay	Red								T.		.63	.08			T.				.07				T.	.96	.03			1.70				T.	3.52
Osceola ‖‖	Mississippi																																....
Ozark ‖‖	Arkansas					.05			.50	.41	.85					T.			.95	.98		.76	T.	.05			T.	.86	T.				5.41
Paragould ‖‖	St. Francis						.05		.11										.06	.20		.49	.10	2.20	.24	.04			.90				4.39
Parkin	St. Francis									.12						1.05				.35		.12	T.	6.30	.10				1.03				9.07
Patterson ‖‖	White																	.51		.52		.65	1.35	1.04				1.09					5.16
Piggott	St. Francis					.05			.20	.15								.10	.70	.80		.05	.43	.34				.41	.26			.01	3.50
Pine Bluff ‖‖	Arkansas									T.		T.				.20				05			.07	1.20	.01			.08	1.98				3.59
Pocahontas	White					.18			.12	.22	.05							.08	.15	1.40		.12	.55	.76				.90	.32				4.85
Portland ‖‖	Ouachita																							.76	.06				1.60				2.42
Prescott ‖‖	Ouachita									.07	.80	.07				.34				.04		.03	.07	.14	.45			.93	1.89				4.83
Quitman ‖‖	Arkansas																																....
Rison	Ouachita																																....
Rogers (near)	White					.20		.75		.40	.09			.83	.03			.60	.10	.70			.04				.52	.53	.83			.18	5.80
Rosebud	Arkansas							T.											.55	.40	.70	.16	1.30	.14				2.12	.12				5.49
St. Francis ‖‖	St. Francis					T.	.26		T.	.24	.18								.16	1.54		.22	T.	1.04			T.	.28	.52				4.44
Searcy	White					.13			.03	.07					.03			.10	.03	.66		.39	2.65	.53				1.91	.12				6.65
Springbank	White									T.	.02	.02								.60				.47	.24			.10	1.17			T	2.62
Story ‖‖	Ouachita									.16	.63								T.	.60		.23	.28					*	1.75				3.65
Stuttgart ‖‖	Arkansas															.83		.01		.03		.01		1.82					2.34				5.04
ubiaco	Arkansas							.30	.02	.75	.07				.28			T.	2.58	.62		.15	.36	T.			.06	1.49	T.				6.68
unset	Arkansas					.15		1.07	.12	1.42	.03				.45			.39	54	.28		.29	.03	.02			.07	.60	.39			.11	5.96
Texarkana ‖‖	Red									.11	.85	.20								.53				.07	.32				2.26				4.34
Thornburg	Arkansas					T.				.24	.08				.04			T.	.53	.99		.08	1.50	.50				2.88			T.		6.84
Waldron	Arkansas					T.		.07	.02	.57	.73							T.	.03	.39			T.	.02		T.	.07	1.21				.12	3.23
Warren	Ouachita														.15							T.	T.	.98				1.83	.43				3.39
Waters ‖‖	Ouachita									16	.42	.98							T.	.76	.64				1.10			*	2.09				6.15
Whitecliffs	Red																						.68					.95	1.00				2.63
Wilson ‖‖	Mississippi						.05				.10					.05				.33		.28	.47	2.55	.65				.53				5.01
Wooley Hollow	Arkansas																																..
Wynne ‖‖	St. Francis								.18	T						.92				.47		.32	.38	4.18	.36				1.20				8.01
Yancopin ‖‖	Arkansas										T.					.08		.15		03		.14	.03	1.05	.04				1.94				3.46

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ozark Beach, Mo	White	30	-0.8	-0.6	-0.6	-0.7	-0.7	-0.7	-0.4	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	1.0	-0.7	-0.7	-0.6	-0.6
Cotter	do	21	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	3.2	3.3	3.3	3.3	3.1	3.7	3.8	4.1	3.9	3.7	3.6
Calico Rock	do	18	0.4	0.5	0.0	0.1	0.1	0.2	0.3	0.3	0.1	0.1	0.2	0.1	0.4	0.4	0.1	0.2	-0.1	-0.1	0.5	0.4	0.9	1.5	0.9	0.7	1.2	1.2	1.2	1.7	1.7	1.6	1.4
Batesville	do	23	4.7	4.9	4.9	4.7	4.6	4.7	4.7	4.9	4.9	4.7	4.7	4.7	4.7	5.0	4.9	4.7	4.7	4.7	4.7	5.3	5.1	5.5	6.1	5.6	5.6	5.8	6.0	6.6	6.5	6.6	6.3
Newport	do	26	1.4	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	1.9	2.8	2.4	2.8	2.8	2.4	2.3	2.2	2.5	3.3	3.4	3.3
Georgetown	do	21	2.9	2.7	2.5	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8	2.5	3.1	4.5	4.5	4.5	4.7	5.1	6.4	6.6
Clarendon	do	26	8.4	8.8	8.8	8.7	8.4	8.2	8.1	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.8	7.8	7.8	7.8	7.8	8.2	9.0	9.8	10.2	10.4	10.6	10.6	10.9	11.6
Gilbert	Buffalo	30	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.1	3.1	3.1	3.1	3.1	3.3	3.3	3.3	3.3
Black Rock	Black	14	2.5	2.5	2.5	2.5	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	3.9	4.0	3.4	3.0	3.1	3.2	3.0	2.9	2.8	3.5	3.7	3.6	3.6
Arkadelphia	Ouachita	17	5.0	4.9	4.3	4.5	5.7	5.0	5.7	4.7	4.6	5.0	4.4	4.4	5.4	5.0	6.1	6.5	5.4	6.7	7.2	6.4	5.5	6.0	5.7	6.6	6.2	6.3	6.0	9.2	8.8	7.1	7.6
Camden	Ouachita	26	6.6	5.1	5.2	5.0	4.9	4.7	5.2	4.8	4.8	4.5	4.5	4.8	4.8	5.2	5.2	5.0	5.4	5.5	5.2	5.8	6.8	6.2	5.3	5.4	5.5	6.0	6.1	6.5	7.6	12.0	11.0
Fulton	Red	25	7.0	7.5	8.0	7.7	7.0	6.6	6.3	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.6	5.6	5.6	6.0	6.8	6.6	6.4	6.0	5.9	5.9	5.9	5.9	6.0	6.2	7.5	10.2	9.7
Helena	Mississippi	41	5.7	5.3	5.1	4.9	4.7	4.7	4.7	4.5	4.1	3.8	4.3	4.4	4.1	3.8	3.8	3.7	3.4	3.4	3.4	3.5	3.4	3.1	3.7	5.2	5.2	5.2	5.0	5.0	5.2	5.2	5.1
Arkansas City	do	48	4.3	3.9	3.4	3.0	3.0	2.8	2.6	2.5	2.3	2.0	1.6	1.5	1.7	1.6	1.4	1.2	1.1	1.2	1.3	1.3	1.2	1.2	1.1	1.2	2.1	3.0	3.4	3.6	3.5	3.8	4.3

Daily temperatures for October, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	76	78	82	82	80	65	68	61	66	75	80	84	85	87	87	87	86	75	74	80	85	83	76	61	72	71	64	71	79	79	80	76.7
	Minimum	56	44	54	55	53	50	40	45	55	59	56	56	59	62	55	59	65	64	55	50	52	72	47	47	45	47	54	54	43	55	66	54.0
Batesville	Maximum	71	75	78	62	69	60	65	67	66	76	83	85	87	88	85	86	76	74	88	76	84	84	71	62	71	77	70	70	61	79	85	75.2
	Minimum	50	37	44	38	46	39	29	48	51	52	50	50	52	57	54	52	57	62	61	50	63	62	45	37	33	45	52	51	37	42	62	48.6
Bee Branch	Maximum	81	74	81	78	65	60	64	62	62	79	81	84	85	83	85	85	82	76	73	77	83	85	76	60	66	70	67	70	73	77	82	75.0
	Minimum	55	40	52	50	48	48	34	48	54	54	54	56	56	62	56	58	62	64	55	54	64	64	44	42	46	46	53	50	42	50	66	52.5
Bentonville ***	Maximum	64	75	73	68	65	58	56	64	63	66	71	78	79	80	82	82	73	67	64	76	65	57	51	58	55	57	64	63	73	76	75	67.7
	Minimum	46	43	48	43	47	41	39	46	54	53	55	55	62	61	57	60	62	57	53	51	57	45	39	36	48	49	52	46	44	58	43	50.0
Blytheville	Maximum	62	70	74	66	60	59	64	64	69	79	81	79	78	82	81	80	78	80	67	72	70	75	66	58	64	72	59	68	73	82	82	71.4
	Minimum	52	40	47	38	47	39	31	48	50	53	54	53	54	64	58	56	65	62	61	50	63	63	45	38	32	48	53	54	43	46	64	50.7
Booneville	Maximum	76	84	84	75	73	62	68	65	61	77	81	85	89	83	87	88	86	79	73	81	83	89	64	62	69	61	58	73	78	80	82	76.0
	Minimum	53	41	48	47	56	52	43	48	55	58	54	57	59	61	59	61	61	64	54	50	66	61	48	44	50	52	55	55	44	48	67	53.9
Brinkley	Maximum	74	76	82	71	61	62	66	64	73	80	87	89	91	87	86	89	82	80	73	83	87	82	70	63	71	77	65	73	79	82	83	77.0
	Minimum	57	38	48	45	45	46	30	37	49	50	55	52	58	60	55	58	65	60	62	50	64	68	47	42	39	46	53	54	41	52	65	51.3
Calico Rock	Maximum	73	78	80	68	63	59	65	64	63	74	84	85	87	85	85	86	82	76	71	76	83	75	60	62	67	73	66	66	73	81	83	74.0
	Minimum	51	42	46	40	49	39	33	48	54	54	52	54	55	61	58	56	60	65	55	57	63	60	45	36	38	50	54	52	41	45	58	50.7
Camden	Maximum	76	79	85	82	84	78	75	76	74	79	85	87	87	90	87	87	87	85	79	86	88	88	78	60	75	79	62	74	82	82	81	80.5
	Minimum	56	..	..	..	48	49	36	44	55	55	55	56	56	60	57	57	62	61	63	59	67	70	47	47	41	48	57	58	43	51	64	54.4
Carthage	Maximum	78	77	82	82	76	65	68	69	70	77	85	86	86	89	84	87	85	78	75	82	86	87	76	61	69	78	65	71	78	81	81	77.9
	Minimum	46	41	49	50	47	48	34	42	53	52	54	59	54	59	55	57	60	59	57	48	61	63	47	46	39	46	54	56	40	48	63	51.2
Center Point	Maximum	77	77	84	86	82	69	68	63	71	79	80	83	85	87	87	88	87	75	75	75	82	79	78	61	70	74	67	71	77	75	81	77.2
	Minimum	52	42	51	57	52	50	41	50	56	59	59	59	60	63	59	64	63	53	50	54	63	70	46	46	47	51	56	51	49	58	64	54.7
Conway	Maximum	78	79	85	71	65	63	69	68	66	80	85	88	89	88	89	89	85	76	72	82	88	87	77	65	70	74	66	73	77	80	83	77.6
	Minimum	54	42	50	50	51	49	34	47	55	57	56	56	57	64	56	58	63	66	56	52	65	66	47	43	43	47	54	52	42	51	65	53.2
Cornerstone	Maximum	75	78	84	74	76	66	69	74	73	80	88	89	90	93	88	91	84	82	77	85	88	86	75	64	74	77	66	71	77	80	79	79.1
	Minimum	51	39	48	46	44	48	28	41	51	50	51	52	55	60	57	58	63	60	62	48	65	67	47	45	38	47	54	57	42	50	65	51.3
Corning	Maximum	72	74	78	66	53	57	62	70	73	71	83	86	86	86	89	86	76	70	75	75	83	75	63	63	68	74	60	67	68	81	83	73.3
	Minimum	51	39	45	40	46	38	30	47	51	53	51	53	55	58	58	57	62	64	62	50	60	62	44	38	32	48	52	51	41	45	63	49.9
Crossett	Maximum	82	84	86	80	84	79	74	78	78	83	88	87	88	91	85	90	91	88	88	88	90	91	88	67	78	81	77	77	84	85	78	83.5
	Minimum	46	42	41	46	48	49	34	42	55	52	52	54	58	56	58	55	54	55	48	46	68	68	50	48	43	45	67	55	42	53	58	51.2
Dardanelle	Maximum	78	81	86	77	66	67	66	64	62	78	84	86	87	85	87	88	85	78	71	82	88	88	72	66	66	63	63	74	76	81	82	76.7
	Minimum	55	41	49	49	51	50	35	44	56	57	55	56	57	62	57	58	63	63	55	52	64	64	53	44	49	46	55	51	42	52	66	53.3
Dumas	Maximum	78	82	86	87	78	65	70	74	74	83	90	90	92	89	87	92	91	87	84	89	87	90	73	54	72	80	69	74	83	85	87	81.4
	Minimum	53	42	50	48	48	48	31	45	54	64	54	55	60	60	58	59	65	62	65	50	68	70	48	47	40	48	53	56	43	53	64	53.6
Dutton	Maximum	69	74	76	71	63	62	57	62	60	74	73	78	81	78	82	81	76	68	67	73	74	75	50	63	61	59	57	66	71	73	72	69.2
	Minimum	45	33	38	37	48	41	32	40	50	51	50	51	54	53	43	52	55	60	51	41	59	48	39	34	39	45	52	42	34	48	35	45.2
El Dorado	Maximum	81	81	88	81	86	71	74	79	79	83	90	91	90	94	95	90	89	89	81	89	90	91	80	66	76	80	86	81	85	82	82	83.9
	Minimum	54	44	53	51	52	48	37	44	59	60	58	58	59	61	57	59	68	64	66	52	71	73	53	48	42	51	59	55	49	56	67	55.7
England	Maximum	75	78	81	70	72	68	73	71	71	80	87	89	..	91	90	91	85	77	70	84	89	87	75	67	72	79	65	73	80	83	82	78.5
	Minimum	54	42	52	46	46	47	31	44	53	55	56	55	..	60	55	58	63	60	58	49	64	69	46	43	38	45	53	55	42	50	66	51.8
Eureka Springs	Maximum	69	77	78	71	64	62	56	66	65	69	75	80	83	83	87	84	78	66	65	77	72	63	50	61	61	58	62	67	76	77	78	70.3
	Minimum	47	42	49	44	48	39	38	44	53	54	52	58	62	60	57	60	62	61	52	52	60	45	39	34	45	48	54	44	44	56	65	50.6
Fayetteville	Maximum	76	76	76	73	72	66	58	62	65	70	73	79	78	79	82	82	77	68	68	76	72	69	51	61	60	59	66	67	73	75	75	70.5
	Minimum	46	42	46	47	52	42	40	45	54	57	54	58	61	58	55	58	59	61	52	48	62	46	40	36	46	49	54	46	41	61	66	51.0
Fort Smith***	Maximum	71	80	80	74	66	65	63	64	62	77	77	84	85	86	84	88	83	71	73	81	71	79	53	63	61	60	62	70	78	81	80	73.3
	Minimum	53	47	55	53	54	48	44	48	55	56	54	60	62	64	62	64	65	58	54	54	60	53	47	43	52	54	55	50	48	59	54	54.4
Gravette §§	Maximum	67	77	76	70	71	63	58	65	67	69	74	80	84	85	85	84	74	68	70	78	64	60	52	61	58	79	76	70	76	78	76	71.5
	Minimum	45	40	42	42	41	40	40	41	49	54	49	53	57	57	57	57	60	58	51	49	52	50	38	33	37	46	40	42	41	45	61	47.3
Harrison	Maximum	68	78	75	66	60	57	60	66	60	69	79	80	82	79	83	83	84	68	65	75	78	70	70	58	62	60	58	63	70	78	79	70.4
	Minimum	40	38	47	40	47	39	33	45	54	54	50	51	53	59	52	54	63	63	53	52	61	48	41	32	40	50	54	46	36	53	66	48.8
Helena	Maximum	71	74	79	67	66	63	67	73	72	80	86	87	86	86	84	89	83	83	73	79	83	80	67	62	69	76	70	71	78	80	74	76.1
	Minimum	53	41	51	51	47	43	34	50	55	60	61	62	65	62	61	64	66	65	60	52	66	65	47	45	44	49	56	57	47	58	67	55.0
Highland	Maximum	84	79	90	78	82	80	70	66	72	80	81	85	85	88	87	89	87	80	78	83	87	86	87	63	71	72	78	73	76	81	80	79.9
	Minimum	60	50	56	55	51	49	41	47	55	59	59	60	63	60	59	62	63	64	64	53	63	64	53	45	45	50	45	48	56	52	65	55.4
Hope	Maximum	79	81	84	79	85	68	72	64	75	77	88	88	88	88	86	89	88	80	80	88	88	87	76	61	66	79	74	..	..	..	82	80.0
	Minimum	46	47	51	50	47	49	40	46	53	60	60	56	60	60	57	59	64	65	57	51	70	72	47	47	45	45	45	..	..	..	54	53.6
Hot Springs	Maximum	78	82	87	78	77	72	71	70	64	80	86	87	89	87	90	89	87	75	73	83	89	84	77	67	70	71	73	75	83	79	80	79.1
	Minimum	58	45	55	53	54	48	39	47	56	58	59	59	62	62	56	61	67	65	56	51	65	71	45	45	47	48	53	54	45	54	66	55.0
Jonesboro	Maximum	70	74	79	70	57	58	66	73	73	77	84	87	86	86	86	87	76	76	73	75	84	75	68	60	68	77	65	69	75	81	84	74.8
	Minimum	56	44	52	46	51	..	..	..	50	54	54	55	64	60	57	59	64	64	63	48	62	64	45	41	40	51	54	52	43	48	64	53.8
Lead Hill	Maximum	71	82	78	69	60	60	60	62	65	63	86	81	89	89	90	88	88	70	68	78	79	74	55	65	62	61	58	68	79	81	83	73.0
	Minimum	47	36	49	39	47	36	31	48	52	51	50	50	50	57	50	51	54	63	58	54	55	50	42	30	39	49	55	48	37	45	44	47.3
Little Rock.***	Maximum	72	73	79	67	63	60	65	67	66	72	80	84	84	82	83	85	81	72	69	79	84	83	54	61	67	74	63	68	74	79	80	73.2
	Minimum	58	48	56	53	51	45	40	50	56	59	61	61	62	64	60	62	66	65	57	53	69	54	46	46	47	52	52	54	48	56	67	55.4
Lutherville	Maximum	73	81	83	73	65	64	64	63	62	79	81	84	87	83	86	88	84	77	70	79	82	85	59	65	65	67	60	71	75	79	80	74.6
	Minimum	56	43	52	51	47	45	38	46	54	57	57	59	60	61	58	60	58	63	53	50	60	58	45	40	47	52	53	48	40	55	66	52.6
Magnolia	Maximum	80	79	85	83	85	76	71	78	80	82	86	87	90	91	88	90	87	86	80	86	90	90	84	81	76	80	73	72	83	84	83	82.8
	Minimum	46	43	51	53	54	49	40	46	52	56	58	61	62	60	58	60	66	67	63	55	71	72	70	47	44	49	57	35	53	57	67	56.2
Mammoth Spring	Maximum	73	73	76	70	64	60	56	65	63	70	79	81	84	84	83	81	79	75	74	74	81	76	60	61	65	72	65	63	80	82	82	72.6
	Minimum	42	38	44	40	46	39	30	47	48	53	56	57	52	56	57	56	58	64	64	54	62	59	43	36	34	49	52	52	40	37	46	48.7
Marianna	Maximum	70	72	77	68	61	61	64	70	71	75	83	85	85	85	82	84	81	81	73	82	82	81	69	61	67	73	69	73	73	79	76	74.6
	Minimum	57	42	50	49	47	47	32	51	55	55	55	55	55	55	58	59	69	63	64	53	53	67	47	45	41	46	54	44	44	50	67	52.5
Marked Tree §§	Maximum	70	75	78	67	55	60	67	74	75	82	85	87	87	85	87	88	81	82	71	76	84	70	52	62	71	76	61	69	75	82	82	74.7
	Minimum	44	40	42	42	42	40	31	33	47	53	53	53	51	60	57	57	57	62	63	49	55	67	45	41	35	38	50	53	43	48	50	48.4
Marshall	Maximum	79	78	78	78	68	60	64	65	62	75	83	82	85	84	86	86	83	80	79	76	82	82	62	61	67	64	64	70	73	79	81	74.7
	Minimum	49	36	43	38	46	36	30	46	53	53	56	57	60	58	53	55	64	62	54	52	61	58	42	33	37	49	53	47	39	57	66	49.8
Mena	Maximun.	72	78	80	76	80	65	68	60	60	73	77	80	82	83	85	85	82	73	74	77	84	83	62	60	63	64	60	71	77	76	77	73.8
	Minimum	54	44	63	51	52	49	46	48	53	53	55	57	57	61	56	56	64	62	52	48	62	60	45	45	47	47	55	50	44	60	66	53.6
Morrilton	Maximum	85	76	82	75	65	63	66	66	64	72	81	83	83	84	83	84	84	73	70	78	85	80	76	63	67	68	61	70	73	78	79	74.7
	Minimum	52	46	58	52	51	48	42	50	55	54	55	57	57	60	56	58	60	59	56	53	65	63	44	44	46	47	50	54	43	54	66	53.4
Mountain Home	Maximum	71	79	79	69	58	59	63	60	60	76	84	85	88	86	87	87	84	71	72	79	84	68	52	64	65	70	60	67	77	82	83	73.2
	Minimum	49	37	46	38	45	38	32	45	52	51	51	53	55	60	55	55	58	62	56	56	58	48	41	33	37	49	52	48	38	48	64	48.7
Mount Ida	Maximum	77	78	87	74	76	65	67	68	60	78	80	85	85	88	86	86	83	74	77	80	86	84	74	65	67	66	63	73	77	79	80	76.4
	Minimum	48	36	44	40	50	50	33	41	51	54	55	52	53	57	55	52	54	61	51	43	64	61	46	42	42	40	54	53	40	48	66	49.5
Newport	Maximum	73	74	80	70	60	59	67	67	67	79	84	87	87	90	86	88	78	74	71	72	84	79	70	60	68	75	68	70	74	80	84	75.0
	Minimum	54	42	47	45	50	43	32	49	52	54	53	55	56	60	57	57	63	68	65	53	64	67	45	41	39	50	55	55	42	46	57	52.1
Ozark	Maximum	76	84	85	75	68	62	63	63	61	79	78	83	86	79	84	86	85	73	72	78	80	83	58	65	64	62	60	70	73	80	81	74.1
	Minimum	55	45	45	47	52	50	44	48	55	58	56	57	60	61	57	62	65	64	65	53	60	55	48	40	50	54	53	50	44	59	65	54.1
Pine Bluff	Maximum	75	80	82	75	77	65	71	74	72	79	88	90	91	89	88	90	86	79	75	87	88	86	76	65	73	80	65	74	81	83	83	79.6
	Minimum	57	45	54	53	50	49	39	48	57	57	58	58	64	64	60	62	66	63	64	52	69	71	48	47	45	51	55	57	46	54	68	55.8
Pocahontas	Maximum	76	73	79	68	65	60	64	71	70	74	83	86	86	86	85	87	81	72	74	74	83	79	68	64	69	75	70	67	73	81	82	75.0
	Minimum	52	39	51	39	45	37	32	45	51	52	52	53	54	57	56	59	60	62	60	48	60	62	43	39	37	50	52	50	40	45	62	49.8
Portland	Maximum	75	74	83	75	78	70	66	74	77	82	86	87	87	88	86	88	84	84	81	85	88	89	81	62	71	77	77	71	79	85	78	79.6
	Minimum	50	42	48	50	50	48	34	44	54	54	53	54	59	57	60	60	62	58	62	47	67	69	48	46	40	45	53	55	49	53	62	52.7
Prescott	Maximum	80	79	85	82	81	76	69	66	74	73	84	87	85	90	86	89	87	82	78	84	89	88	84	61	71	79	75	72	81	80	82	78.0
	Minimum	55	45	49	52	49	49	39	46	54	69	56	57	59	63	57	60	62	65	57	51	68	68	49	47	45	47	49	56	46	53	66	54.5
Searcy	Maximum	73	75	80	67	60	60	66	65	65	79	84	86	89	92	87	88	79	73	72	81	88	84	73	62	71	78	66	74	78	82	85	76.2
	Minimum	55	43	51	49	48	46	37	48	53	55	56	56	55	57	57	57	62	64	57	53	65	65	46	44	42	47	57	53	42	48	66	52.7
Stuttgart	Maximum	74	77	82	76	69	65	69	74	72	78	88	88	89	90	86	89	83	83	72	83	82	84	74	63	73	77	78	72	77	82	81	78.4
	Minimum	53	41	50	48	47	47	33	45	53	54	55	56	57	61	57	61	64	61	60	51	63	66	46	43	38	47	53	55	44	53	64	52.5
Subiaco	Maximum	73	82	82	73	65	66	67	66	62	76	80	85	87	81	84	87	85	75	69	80	83	86	61	63	65	64	60	68	74	81	82	74.6
	Minimum	56	43	57	54	53	50	40	45	54	57	58	58	62	61	57	60	63	64	54	50	60	60	47	42	49	50	54	52	44	55	68	54.1
Texarkana	Maximum	82	81	87	82	82	71	72	75	78	80	84	86	86	91	89	91	88	79	80	83	89	89	77	62	72	80	71	73	82	76	80	80.6
	Minimum	50	47	48	47	48	47	42	43	45	59	56	60	59	60	58	59	60	60	50	50	56	63	44	40	43	44	52	52	50	50	56	51.5
Thornburg	Maximum	74	77	84	73	70	65	68	66	65	80	83	84	85	87	88	88	84	74	69	80	86	84	68	64	71	68	65	72	77	78	80	76.0
	Minimum	48	35	40	39	46	45	28	39	53	56	51	52	52	59	57	50	57	60	52	43	65	61	45	36	36	46	56	51	33	50	65	48.6
Warren	Maximum	83	79	76	80	79	74	71	76	80	85	88	89	89	90	89	90	..	87	..	84	..	89	78	70	75	83	82	75	73	82	77	81.2
	Minimum	49	45	43	48	49	48	54	46	59	64	55	58	59	61	58	62	..	60	..	52	..	62	45	45	41	56	54	50	54	46	64	53.1
Wilson	Maximum	67	68	78	71	62	60	67	74	74	79	83	86	86	88	82	89	80	77	73	76	82	77	65	60	67	75	67	67	74	82	80	74.7
	Minimum	53	38	49	40	43	40	29	49	50	52	48	52	56	57	56	55	65	60	59	55	49	62	45	39	32	42	53	51	42	50	49	49.0
Wynne	Maximum	70	75	79	69	63	62	65	72	75	78	82	88	88	87	84	86	79	81	70	77	83	74	67	61	70	78	62	70	75	82	82	75.3
	Minimum	50	37	44	43	45	39	27	48	51	52	53	53	60	56	54	59	64	58	61	47	63	63	45	40	34	46	51	50	40	50	63	49.9

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark.-11-25-35-1200

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XL Little Rock, Ark., November, 1935 No. 11

GENERAL SUMMARY

Though the mean temperature for November was somewhat below normal, freezing temperatures did not occur except in the northern portion of the State until after the middle of the month. Temperatures were high for the season of the year on the 3d, 4th, and 10th with departures as high as 20° above normal in the central portion on the 10th, while they were 10° or more below normal on the 12th, 13th, 16th, and 23d. The average temperature for the State, based on the reports of 58 stations, was 49.8° which is 1.7° below the mean for the past 45 years. Of the stations for which normals have been computed, only 8 had positive departures. Monthly means ranged from 43.6° at Gravette in the extreme northwestern portion to 56.6° at El Dorado in a southern border county. The highest temperature reported was 89° at Dumas on the 10th; the lowest, 16° at Batesville on the 23d. The greatest daily range was 48° at Mount Ida on the 31st.

Rainfall was frequent the first 12 days of the month but thereafter, except for a few scattered showers on the 15th, 16th and 19th, fair weather prevailed until the rainy period from the 25th to the 28th. The average precipitation for the State for the 88 stations reporting was 3.81 inches which is 0.11 inch above the mean for the past 45 years. Of the stations with records of 10 years or more, 35 had negative departures and 41 positive. Monthly totals ranged from 1.59 inches at Newport to 8.14 inches at Hope. Rainfall was lightest in northeastern and extreme west-central portions, 6 stations having less than 2.00 inches, while it was heaviest in the southern half of the State, with 2 stations reporting over 7.00 inches. The greatest amount measured in any 24-hour period was 4.40 inches at Hope on the 11th. A trace of snow was reported at Grannis on the 28th and light glaze at Freeman Springs and Sunset on the 12th.

The weather the first half of the month was very unfavorable for cotton. Late bolls opened slowly, picking was delayed, and open cotton was damaged by the continued damp, rainy weather. The latter half of the month was much more favorable for out-door work. The picking of cotton was about finished except in the eastern lowlands where a considerable amount remained in the fields even at the close of the month. Corn was gathered rapidly except the late crop which had not quite matured. The freezing temperatures from the 21st to the 23d stopped the growth of all summer and fall crops which were not killed October 7th. Some late corn was damaged but most of it had nearly matured. The growing season for the year 1935 was somewhat longer than usual in most portions of the southern half of the State. The weather was favorable during the month for the growth of wheat, oats, meadows, and pastures. It was also favorable the latter half of the month for winter plowing and other late fall and winter work. T.A.M.

Tornado:—Fayetteville (1 1-2 miles nw of), 9th, 7 p. m., from sw, path 450 feet wide and 1-4 mile long, 300 trees in a woodlot blown down, loss about $1,500.

Corrections:-.October, 1935. Hope mean minimum should be 53.7°; Stuttgart mean temperature 65.4°, departure +2.3°; State mean 63.9°, departure +1.3°.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	30.13	.....	..	.....	.	8.2	22	se	26	..	..	..	40
Fort Smith	30.12	30.50	23	29.57	9	8.3	22	e	27	82	62	67	34
Little Rock	30.15	30.60	23	29.69	9	7.8	22	sw	4	84	61	63	40
Memphis	30.14	30.61	23	29.74	9	7.6	22	sw	4	80	63	64	40

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	−1.8	87	10	5.56	+1.86	10.03	0.95	...	8	13	7	10
1892	49.9	−1.6	79	20	5.83	+2.13	11.74	1.78	1.2	9	11	7	12
1893	49.3	−2.2	84	10	4.21	+0.51	7.13	2.24	0.0	5	14	8	8
1894	50.4	−1.1	81	12	1.12	−2.58	3.28	0.00	T.	2	19	6	5
1895	49.9	−1.6	82	16	4.82	+1.12	7.68	2.82	0.1	6	14	5	11
1896	52.8	+1.3	88	8	4.34	+0.64	9.51	1.26	0.1	7	14	7	9
1897	51.6	+0.1	88	15	2.82	−0.88	5.80	0.86	T.	6	16	6	8
1898	47.5	−4.0	87	9	3.20	−0.50	6.46	1.50	T.	4	13	8	9
1899	54.3	+2.8	87	17	2.61	−1.09	5.86	1.06	T.	6	13	8	9
1900	51.4	−0.1	90	18	4.28	+0.58	9.39	1.79	T.	6	15	7	8
1901	50.5	−1.0	88	15	2.99	−0.71	4.83	1.57	0.0	5	16	7	7
1902	56.5	+5.0	90	18	6.66	+2.96	13.11	3.55	T.	9	8	9	13
1903	47.6	−3.9	89	2	0.64	−3.06	1.85	0.00	0.1	3	13	9	8
1904	51.4	−0.1	89	17	1.38	−2.32	4.90	0.00	T.	3	17	5	8
1905	53.2	+1.7	88	9	3.28	−0.42	6.23	0.88	T.	5	16	5	9
1906	50.2	−1.3	88	13	5.90	+2.10	19.56	2.09	0.1	6	14	7	9
1907	49.0	−2.5	84	10	5.71	+2.01	9.32	1.97	T.	6	16	5	9
1908	53.8	+2.3	88	5	5.40	+1.70	8.75	1.30	T.	8	15	6	9
1909	59.3	+7.8	90	16	3.75	+0.05	7.98	1.38	0.0	7	13	8	9
1910	51.5	0.0	85	17	0.47	−3.23	1.45	T.	0.0	3	16	9	5
1911	46.8	−4.7	86	5	3.18	−0.52	4.84	1.41	0.2	7	14	8	8
1912	50.5	−1.0	89	13	1.66	−2.04	4.20	T.	T.	2	19	7	4
1913	57.6	+6.1	85	20	2.47	−1.23	5.16	T.	0.0	5	10	9	11
1914	52.6	+1.1	88	11	2.32	−1.38	5.62	0.44	T.	4	15	6	9
1915	54.8	+3.3	88	17	5.40	+1.70	9.14	1.24	0.1	6	16	5	9
1916	52.1	+0.6	87	10	2.95	−0.75	5.15	1.14	T.	5	20	4	6
1917	50.7	−0.8	85	11	1.96	−1.74	7.07	0.35	T.	4	17	4	9
1918	49.7	−1.8	88	18	3.91	+0.21	6.13	1.60	0.1	6	15	4	11
1919	51.4	−0.1	86	14	6.27	+2.57	11.97	2.42	T.	7	17	8	10
1920	47.8	−3.7	89	16	1.95	−1.75	5.78	0.21	T.	5	15	4	11
1921	54.9	+3.4	88	17	5.53	+1.83	13.77	1.10	T.	7	13	6	11
1922	52.9	+1.4	88	20	3.89	+0.19	8.82	0.86	0.0	6	16	6	8
1923	50.8	−0.7	81	21	3.34	−0.36	6.11	0.65	0.3	6	15	4	11
1924	53.4	+1.9	88	15	2.36	−1.34	5.60	0.20	T.	4	16	5	9
1925	50.4	−1.1	89	15	5.67	+1.97	14.11	1.04	T.	8	16	4	10
1926	47.2	−4.3	81	10	3.33	−0.37	5.59	0.87	0.7	6	14	5	11
1927	56.7	+5.2	96	20	3.67	−0.03	8.18	0.93	0.1	6	7	8	15
1928	50.2	−1.3	82	13	4.25	+0.55	7.71	1.80	T.	8	13	3	14
1929	46.1	−5.4	85	7	2.61	−1.09	6.57	0.78	2.3	8	10	6	14
1930	50.5	−1.0	87	16	4.15	+0.45	9.35	1.95	T.	7	16	4	10
1931	57.6	+6.1	88	18	6.34	+2.64	9.19	2.49	T.	9	9	6	15
1932	46.7	−4.8	82	9	1.98	−1.72	4.76	0.48	0.1	6	16	4	10
1933	53.0	+1.5	85	20	1.86	−1.84	4.91	0.50	T.	4	16	6	8
1934	54.0	+2.5	88	20	6.89	+3.19	12.87	3.62	0.6	9	15	5	10
1935	49.8	−1.7	89	16	3.81	+0.11	8.14	1.59	T.	9	8	6	16
Period	51.5	.....	96	2	3.70	. . .	19.56	0.00	0.1	6	14	6	16

Daily River Stages for November, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	Arkansas	22	6.9	7.6	9.4	8.8	8.2	8.2	11.4	13.0	12.9	12.3	12.8	11.3	10.2	10.7	10.7	9.3	8.3	7.6	7.2	6.9	6.6	6.4	6.2	6.0	6.0	5.9	6.4	8.0	8.0	10.0	
Van Buren			8.3	8.7	10.7	10.3	9.6	9.6	12.5	14.4	14.4	13.8	14.3	12.9	11.7	11.9	12.1	10.7	9.5	8.9	8.5	8.0	7.8	7.6	7.4	7.2	7.1	7.0	7.6	9.3	9.4	10.7	
Ozark	do	22	3.7	3.3	4.8	5.4	5.1	4.6	5.2	8.8	9.8	9.1	9.4	7.6	7.4	7.4	7.3	6.8	5.3	4.4	3.8	3.4	3.2	2.9	2.7	2.6	2.4	2.4	2.9	4.1	4.8	4.8	
Dardanelle	do	22	8.2	7.7	7.3	8.8	9.3	8.8	8.5	9.8	12.3	12.3	11.8	12.2	11.2	10.3	11.0	10.5	9.6	8.5	7.9	7.5	7.1	6.8	6.5	6.4	6.3	6.2	6.4	7.2	8.1	8.4	
Morrilton	do	20	4.5	3.6	2.8	3.0	5.2	5.2	4.4	4.5	8.2	9.1	8.8	8.9	8.6	7.4	6.4	6.8	6.5	5.2	4.0	3.2	2.8	2.3	2.0	1.6	1.6	1.2	1.6	2.4	3.3	4.3	
Little Rock	do	23	5.6	5.0	4.3	3.7	4.9	5.4	5.4	5.0	5.3	8.7	9.3	9.0	9.2	8.6	7.6	6.9	7.2	6.8	5.5	4.7	4.1	3.7	3.4	3.1	2.8	2.7	2.6	2.7	3.3	4.3	
Pine Bluff	do	25	10.7	10.1	9.4	8.8	8.3	8.5	9.9	9.7	9.4	10.5	13.7	13.2	13.0	12.9	12.1	11.3	11.0	11.2	10.5	9.5	8.8	8.3	7.8	7.3	7.0	6.8	6.7	6.6	6.6	7.3	
Danville	Petit Jean	20	2.8	2.6	2.4	2.3	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.6	3.4	3.8	3.8	3.2	2.8	2.7	2.5	2.4	2.3	2.1	1.9	2.0	2.4	2.6	2.6	2.7	3.0	2.4	

Climatological Data for November, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	40	52.4^a	0.0	83^a	10	28^a	23	38^a	3.32	−0.37	0.90	0.0	5	7^a	9^a	13^a	......	J. W. Campbell
Arkadelphia	Clark	200	40	......	......	......	......	......	......	......	4.29	+0.60	1.48	0.0	8	8	4	18	nw.	W. K. Bown
Arkansas City	Desha	145	51	......	......	......	......	......	......	......	4.16	+0.27	1.77	0.0	9	11	3	16	......	Herbert Neff
Batesville	Independence	277	36	48.6	−0.6	81	3†	16	23	44	1.80	−1.69	0.51	0.0	11	9	8	13	nw.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	43	49.6	−1.1	80	10	23	23	37	3.61	+0.13	0.95	0.0	10	7	9	14	s.	J. E. Scanlan
Benton	Saline	285	1	......	......	......	......	......	......	......	......	......	......	0.0	..	8^c	3^c	16^c	......	S. A. Burks
Bentonville	Benton	1303	30	44.8	−3.4	77	19	25	22	35	4.46	+1.32	1.60	0.0	11	6	7	17	nw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	5	......	......	......	......	......	......	......	1.78	......	0.46	0.0	9	9	3	18	......	C. J. Brooks
Black Rock	Lawrence	259	34	......	......	......	......	......	......	......	2.25	−1.91	0.57	0.0	11	12	2	16	n.	Vernon C. Howe
Blytheville	Mississippi	252	10	48.0	−3.4	76	3	18	23	35	2.03	−2.20	0.60	0.0	9	9	7	14	n.	Samuel Norris
Booneville	Logan	465	21	49.7	−2.8	84	3†	27	29	45	3.01	−0.42	0.65	0.0	10	6	11	13	e.	F. H. Randolph
Boughton	Nevada	200	1	......	......	......	......	......	......	......	......	......	......	0.0	..	..	..	..	......	Harry Buie
Brinkley	Monroe	205	48	51.7	0.0	85	3	22	23	38	3.84	−0.35	1.28	0.0	8	9	3	18	ne.	R. J. Torry
Calico Rock	Izard	361	31	48.4	+1.4	82	10	21	23	45	3.05	+0.03	0.80	0.0	10	8	2	20	n.	W. M. Jones
Camden	Ouachita	116	50	54.2	+2.2	86	10	26	23	41	6.11	+1.97	2.98	0.0	7	9	0	21	nw.	J. M. Knight
Carthage	Dallas	297	30	51.6	......	84	3†	24	23	37	4.91	+1.17	1.35	0.0	6	6	16	8	n.	P. K. Wylie
Center Point	Howard	591	36	51.8	−2.4	83	10	29	23	39	6.32	+2.77	1.92	0.0	10	7	8	15	se.	John C. Floyd
Clarendon	Monroe	172	31	......	......	......	......	......	......	......	4.71	+0.80	2.03	0.0	8	8	1	21	n.	J. W. Bishop
Clinton	Van Buren	516	14	......	......	......	......	......	......	......	3.69	−0.94	0.98	0.0	10	7	9	14	n.	A. L. Stephens
Conway	Faulkner	309	52	51.2	−0.5	84	10	24	23	44	2.59	−1.31	0.51	0.0	12	11	9	10	w.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	24	52.9	......	85	10	23	23	38	4.34	+0.57	2.06	0.0	5	12	5	13	n.	P. B. Dutchens
Corning	Clay	293	42	48.4	+0.1	81	10	19	23	39	2.78	−0.80	0.67	0.0	8	8	0	22	s.	Winfred D. Polk
Cotter	Baxter	440	8	......	......	......	......	......	......	......	2.48	......	0.63	0.0	8	9	5	16	......	O. B. McSpadden
Crosset (near)	Ashley	175	23	54.4	+0.6	88	10	23	23	43	5.08	+0.82	2.65	0.0	6	11	8	11	n.	U. S. Forest Service
Danville	Yell	327	19	......	......	......	......	......	......	......	2.93	−0.31	0.62	0.0	12	9	2	19	......	J. M. Patterson
Dardanelle	Yell	330	49	50.2	−1.6	84	10	28	23	40	3.17	−0.34	0.71	0.0	12	4	9	17	nw.	Geo N. Goodier
Dumas	Desha	162	30	53.2	−0.2	89	10	23	23	40	5.37	+1.31	3.13	0.0	8	5	14	11	n.	Ben Johnson
Dutton	Madison	1590	33	44.4	−2.2	77	3†	20	23	43	5.03	+1.56	1.54	0.0	10	5	12	13	n.	J. M. Ricketts
El Dorado	Union	270	35	56.6^d	+1.8	86^g	3†	26	23	40^g	5.22	+0.93	1.30	0.0	8	11	0	19	n	L. E. Ellis
England	Lonoke	229	29	51.6^a	−1.5	85^a	10	26^a	23	36^a	5.10	+1.40	1.48	0.0	9	12^a	4^a	13^a	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	46.4	−4.6	78	2	24	22†	34	5.49	+2.22	1.60	0.0	9	9	4	17	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	46.9	−2.5	76	10	25	22	36	4.51	+1.54	1.33	0.0	11	6	12	12	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	68.2	−2.8	82	10	32	29	38	1.83	−1.04	0.99	0.0	11	6	8	16	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	11	......	......	......	......	......	......	......	4.20	+0.39	0.88	0.0	11	7	7	16	sw.	R. J. McCuiston
Fulton	Hempstead	260	50	......	......	......	......	......	......	......	4.75	+1.19	1.90	0.0	8	9	3	18	......	T. J. Logan
Georgetown	White	200	23	......	......	......	......	......	......	......	2.76	−0.71	0.93	0.0	10	10	6	14	......	Mrs. W. R. Owens
Gilbert	Searcy	600	9	......	......	......	......	......	......	......	2.70	......	0.94	0.0	6	9	4	17	......	F. J. King
Glenwood	Pike	547	1	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	C. A. Price
Grannis	Polk	900	16	48.9	−2.1	85	3	25	23	38	6.65	+2.03	2.46	T.	14	7	10	13	se.	W. E. McVay
Gravette	Benton	1250	38	43.6	−5.4	78	10	23	22†	43	4.78	+1.67	2.05	0.0	9	10	5	15	nw.	Max W. Schmidt
Harrison	Boone	1052	35	46.8	−1.8	78	3†	21	23	40	2.91	+0.18	1.04	0.0	12	10	5	15	e.	Louis R. Keck
Helena	Phillips	300	63	51.8	−1.0	83	4	25	23	36	4.10	−0.46	1.60	0.0	8	8	5	17	ne.	James A. Burnett
Higden	Cleburne	445	16	......	......	......	......	......	......	......	3.36	−0.68	1.75	0.0	4	7	2	21	n.	Trumon Brown
Highland	Pike	491	16	52.3	......	82	10	29	23	39	4.59	+0.88	1.06	0.0	9	6	8	16	s.	J. O. Cooley
Hope	Hempstead	354	65	51.8^c	−2.6	85^c	10	27^c	23	36^c	8.14	+3.70	4.40	0.0	7	9^d	3^d	14^d	ne.	N. P. O'Neal
Hot Springs	Garland	600	44	52.4	0.0	84	10	28	23	36	3.14	−1.01	0.86	0.0	10	3	13	14	n.	National Park Service
Index ‡‡	Little River	275	18	......	......	......	......	......	......	......	5.24	+1.95	1.71	0.0	9	12	0	18	......	H. C. Sanderson
Jessieville	Garland	750	9	......	......	......	......	......	......	......	2.94	......	0.76	0.0	8	7	5	18	sw.	U. S. Forest Service
Jonesboro	Craighead	345	40	49.8	−1.4	82	3†	21	23	35	2.11	−1.31	0.55	0.0	9	9	5	16	sw.	Benedictine Sisters
Lead Hill	Boone	650	29	46.4	−1.6	84	10	18	23	39	2.89	−0.73	1.18	0.0	10	8	6	16	se.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	56	49.8	−2.3	82	10	27	23	33	2.40	−1.79	0.46	0.0	12	7	5	18	e.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	36	47.6	−3.2	81	10	27	23	31	3.52	+0.04	0.95	0.0	11	6	7	17	nw.	H. G. Lenhardt
Madison	St. Francis	209	5	......	......	......	......	......	......	......	3.72	......	1.20	0.0	9	11	0	19	......	J. W. Eppes
Magnolia	Columbia	315	19	55.4^d	+1.2	87^d	10	28^d	23	40^c	5.42	+1.19	2.90	0.0	6	7^d	7^d	12^d	......	State Agri. School
Mammoth Spring	Fulton	600	31	46.9	−1.5	80	10	18	23	36	4.99	+1.63	1.18	0.0	9	10	6	14	se.	S. F. Whittaker
Marianna	Lee	235	24	50.8^a	−1.2	83^a	10	23^a	23	37^b	2.81	−0.41	0.85	0.0	7	6	14	10	n.	C. N. Houck
Marked Tree	Poinsett	229	31	48.4^a	−0.4	82^a	3	21^a	23†	41^b	2.22	−1.99	0.62	0.0	9	5	12	13	s.	Charles Walton
Marshall	Searcy	1070	21	47.6	−3.4	80	3†	21	23	41	2.88	−0.82	0.85	0.0	9	9	5	16	se.	A. J. Parks
Mena	Polk	1207	47	49.6	−2.6	80	10	28	23	33	4.24	+0.76	1.78	0.0	11	5	8	17	sw.	E. W. St. John
Morrilton	Conway	347	16	51.8^c	+1.0	80^f	3†	26	23	37^f	1.96	−1.86	0.50	0.0	6	9	3	18	nw.	Hugh B. Wear
Mountain Home	Baxter	800	23	47.0	−1.1	83	10	19	23	46	2.60	−0.49	0.63	0.0	11	8	4	18	n.	B. S. Halbert
Mount Ida	Montgomery	650	36	49.8	−0.5	82	10	21	23	48	4.59	+0.49	1.50	0.0	10	6	8	16	ne.	G. A. Whittington
Nail	Newton	2233	27	43.3	−4.7	73	10	24	22†	35	2.82	−0.58	1.50	0.0	7	11	8	11	s.	Charles Paxton
Newport	Jackson	231	52	50.3	−0.7	83	10	23	23	42	1.59	−2.54	0.58	0.0	9	7	6	17	s.	J. D. Henderson
Norman	Montgomery	750	7	......	......	......	......	......	......	......	5.41	......	1.52	0.0	8	9	2	19	s.	U. S. Forest Service
Oden	Montgomery	800	9	......	......	......	......	......	......	......	2.38	......	0.70	0.0	5	6	5	19	se.	U. S. Forest Service
Okay	Howard	288	7	......	......	......	......	25	23	......	4.34	......	1.40	0.0	8	9	9	12	ne.	Charles R. Jackson
Osceola	Mississippi	240	39	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	Mrs. Ruth H. Douglass
Ozark	Franklin	396	40	49.0	−2.6	81	10	29	20†	37	2.30	−0.89	0.97	0.0	10	10	2	18	e.	Orkney O. Milton
Paragould	Greene	275	12	......	......	......	......	......	......	......	3.69	+0.24	1.24	0.0	7	11	5	14	ne.	W. R. Heagler
Parkin	Cross	222	5	......	......	......	......	......	......	......	2.86	......	0.74	0.0	7	10	0	20	......	Carroll King
Patterson	Woodruff	204	19	......	......	......	......	......	......	......	1.84	−2.58	1.19	0.0	3	8	6	16	nw.	W. E. Baker
Pine Bluff	Jefferson	215	48	53.4	+0.4	86	3	28	23	37	5.01	+0.89	1.87	0.0	8	9	8	13	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	42	48.7	−1.3	82	10	19	23	43	2.06	−1.51	0.60	0.0	12	5	5	20	ne.	Benedictine Sisters
Portland	Ashley	122	29	53.4	−0.7	85	4	25	23	38	5.57	+1.42	3.08	0.0	7	10	5	15	nw.	W. E. Edmiston
Prescott	Nevada	318	47	53.9	−0.1	85	10	28	23	39	4.86	+1.41	0.96	...	9	7	7	16	s.	Craig Williams
Rison	Cleveland	243	35	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	Mrs. M. V. Tisdale
Rogers (near)	Benton	1300	45	45.9	−2.9	78	3†	23	22	36	5.66	+2.72	1.78	0.0	9	8	5	17	nw	Carl A. Starck
Rosebud ‡‡	Faulkner	600	1	......	......	......	......	......	......	......	2.53	......	0.75	0.0	7	6	9	15	n.	Miss Clarice Maddox
St. Francis	Clay	290	8	......	......	......	......	......	......	......	2.31	......	0.44	0.0	9	11	1	18	......	S. T. Rooney
Searcy	White	245	25	50.8	0.0	84	3†	23	23	43	2.15	−2.30	0.43	0.0	11	10	3	17	ne.	Arthur D. Smith
Springbank	Miller	240	26	......	......	......	......	......	......	......	7.20	+3.56	2.72	0.0	7	10	0	20	......	Henry Field
Story	Montgomery	650	11	......	......	......	......	......	......	......	3.21	−0.75	0.91	0.0	7	9	7	14	n.	S. C. Story
Stuttgart	Arkansas	209	48	51.9	−0.3	85	10	23	23	38	3.76	−0.29	1.11	0.0	6	13	6	11	nw.	Mrs. Kress Swim
Subiaco	Logan	750	38	49.1	−3.7	82	10	29	23	38	4.33	+1.28	2.45	0.0	11	8	7	15	nw.	New Subiaco Abbey
Sunset	Washington	2250	4	44.4	......	75	10	25	5	38	2.82	......	1.11	0.0	11	10	6	14	sw.	Walter James
Texarkana	Miller	332	50	52.7	−2.5	85	10	27	23	41	5.74	+2.46	2.30	0.0	7	10	3	17	n.	H. S. Brashear
Thornburg	Perry	650	15	48.8	−1.8	83	10	18	23	45	3.38	+0.02	0.74	0.0	12	11	3	16	s.	Edward E. Holmes
Waldron	Scott	675	16	......	......	......	......	......	......	......	3.36	−0.48	0.80	0.0	11	4	10	16	ne.	Dr. Cheves Bevill
Warren ††	Bradley	206	41	......	......	......	......	......	......	......	3.67	−0.27	3.42	0.0	3	10^c	9^c	8^c	......	Miss Sue Hoyle
Waters	Montgomery	840	11	......	......	......	......	......	......	......	5.08	+0.83	1.49	0.0	10	8	5	17	w.	J. R. Huddleston
Whitecliffs	Little River	290	29	......	......	......	......	......	......	......	5.62	+2.71	1.80	0.0	7	13	1	16	......	William W. Davis
Wilson	Mississippi	237	10	48.6^b	−1.9	82	4	21^d	23	37^d	2.49	−1.65	0.72	0.0	7	11	1	18	n.	D. O. Anderson
Wynne	Cross	250	27	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	R. T. Cobbs
Yancopin	Desha	167	11	......	......	......	......	......	......	......	4.98	−0.49	2.49	0.0	8	10	5	15	......	W. E. Barton
State Means				49.8	−1.7	89	10	16	23	48	3.81	+0.11	4.40	T.	9	8	6	16	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^a,^b,^c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for November, 1935

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
mity	Ouachita					.89	.90			.12			.65															.76					3.32
rkadelphia ‖	Ouachita	.23	T.			.86		1 48	T		.03	.73	.30														.06	.60					4.29
rkansas City ‖	Mississippi					.84	T.	.22	T.		.04	1.77	.70	.22						.05								.23	.09				4.16
Batesville ‖	White				.04	.18		.08			.14	.44	.05	.06						02						.03	.51	.25					1.80
Bee Branch	Arkansas				.21	.20		.06		.14	.15	.88	.45													.12	.95	.45					3.61
Benton ‖	Saline					.60		.97			.35	.44	.21	.03													.23	.46					....
Bentonville ***	Arkansas	.07		.06	1.57		.02	.02		1.60	T.	T.				.06									.04	.33	.66		.03				4.46
Big Lake Outlet ‖	St. Francis	.08	T.			.39		.09	T.	T.	.46	.23	.22	T			T			.08							.05	.18	T.	T.			1.78
Black Rock ‖	White	.06				.18		.04		.04	.57	.52	.06	.15			T.										.15	.44	.04				2.25
Blytheville ‖	St Francis	.15				.60		.10			.45		.38				.03			.10							.07	.15					2.03
Booneville	Arkansas	.62			37		.10			.31		.20	.11			.06										.15	.65	.44					3.01
Boughton ‖	Ouachita																											.80					....
Brinkley	White					.59	*	.68				1.28	.85							.05							.01	.38					3.84
alico Rock ‖	White					.70		.09			.39	.45	.25				T			.03						.02	.80	.30		02			3.05
amden ‖	Ouachita	.19			.01	.80		.54				2.98	.43															1.16					6.11
arthage	Ouachita					.50	.30	1 35			T.	1.27	.57															.92					4.91
enter Point	Red				1.92	.95	.73			.88	.10	.27	.55													.07	.05	.80					6.32
larendon ‖	White					.52		1.00			01	2.03	.72	.02						04								.37					4.71
linton	White	.03			.30		33	.11		.30		.27	.98			T.	T.									.06	.90	.41					3.69
onway	Arkansas	T	03	.02	.22	.31		.17		.19	.11	.51	.18													.06	.43	.36					2.59
ornerstone	Arkansas				.44		2.06					1.03	.42														.39						4.34
orning ‖	White					.40		.15		.09	.45	.35	.65				.02											.67					2.78
otter ‖	White	.10	.16			39				T.	.25	.63	.05													T.	.60	.30					2.48
rossett ..[near]	Ouachita					.90		.20			.10	2.65	.33															.90					5.08
anville ‖	Arkansas	.14	.06		.04	.38		.16			.12	.62	35				T.			.02						.05	.54	.45					2.93
ardanelle ‖	Arkansas	.07			.05	.28		.18		.12	.19	.63	.38	05												.03	.71	.48					3.17
umas	Mississippi		T.		T.	.20	.10	.90			.05	3.13	.40							.02	T.					T.		.57					5.37
utton	White	.07			1.54			.07		.86		.02	.07			.09										.37	1.21	.73					5.03
l Dorado ‖	Ouachita				.46	.02	.44					1.02	.98	.96								.04					1.30						5.22
ngland	Arkansas	.06			T.	.66	.37	1.45			12	1.48	.54													.02	.40						5.10
ureka Springs	White	.83			1.02			.11		1.60	.81					.06										.12	.77		.17				5.49
ayetteville	White	1.26			.39		T.	.04		1.33	.62	.03	T.	T.		.12	T.									.14	1.06	.11	.01				4.51
ort Smith ***	Arkansas	.01			.12		.02	.01		.29	.07	.03				.09			T.						T.	.63	.54	.02	T.				1.83
reeman Sprgs ‖	Arkansas	.07			.43	.85		.08		.03	.88	49	.15													.02	.76	.44					4.20
ulton ‖	Red	.25	T			.57	.21	.70			.03	1.90	.35							T								.74					4.75
eorgetown ‖	White		.37			.32		.27			.22	.93	.21	.06						.06						T.	06	.23			T.		2.76
ilbert ‖	White	T.				.75		T.		T.	.28	.40	.12														.94	.21					2.70
lenwood ‖	Ouachita																																..
rannis	Red	2.46		T.	.62	.02	.46	.52		.34		.40	.31			.03			T	.02						.05	.65	.76	.01				6.65
ravette	Arkansas	2.05				.59	T.	.08			.87					.11										.13	.67	.25	.03				4.78
arrison	White	.09	.11		1.01	.03		.09		.26	.02		.05			.02										.11	1.04	.08					2.91
elena ‖	Mississippi					.38		1.60			.05	1.07	.31	.34						.06								.26					4.10
igden	White				.06					.60															1.75	.95							3.36
ighland	Ouachita	.61			.15	.65	.63	1.06				.21	.30													.23		.75					4.59
ope	Red	.38			.90		.83				.15	4.40	.38															1.10					8.14
ot Springs	Ouachita	.28	T.	.09				.36		.18	.17	.86	.22	.01													.28	.69					3.14
ndex ‖	Red	.44				.50	.42	.72	.01		.43	1.71	.30															.71					5.24
essieville ‖	Ouachita	*	.50		*	.62				*	.45	.76																.61					2.94
onesboro ‖	White	.15				.55		.08			.47	.44	.11	.04			T.										08	.19					2.11
ead Hill	White	1.18	.16		.28			.08		.27		T.				T.	.04		T.							.03	.55	.28	.02				2.89
ittle Rock ***	Arkansas	.31			.26		.25	.12	T.	.33	.28	.18	.16			T.			T.	.01					T.	.07	40	.03					2.40
utherville	Arkansas	.37			.95	.20	T.	.10		.39	.65	.58	.30	.07		T.										.06		.45					3.52
adison ‖	St. Francis					.73	T.	.65	.03	T.		1.20	.63	.05						.05						.02		.36	T.				3.72
agnolia	Red					.77	.44	.09				2.90	.22															1.00					5.42
ammoth Spg ‖	White	.64				.88				.09	1.07	.14	.18	.09													1.18	.72					4.99
arianna	St. Francis					.35	.50	.50				.85	.40							.05								.16					2.81
arked Tree ‖	St. Francis					.41		.10			.41	.62	.44				.02			.05							T.	.15		.02			2.22
arshall	White				.65	.20				.24	.01	.50	.20				T.										.85	.20	.03				2.88
ena ‖	Ouachita	1.78	.04	T.	.03	.30		.32		T.	.06	.71	.22	T.		.01	.02			T.						T.		.75					4.24
orrilton ‖	Arkansas							.10			.14	.50	.30														.45	.47					1.96
ountain Home	White	.10	.32		.30			.04		.40		.40	.10													.06	.63	.23	.02				2.60
ount Ida	Ouachita	1.50			.05	.25	.04	.41		.24		.62	.61														.30	.57					4.59
ail	White	.04			.23	.25				.50	.19		.11													T.	1.50						2.82
ewport ‖	White					.31		.08			.58	.12	.03	.06			.01										.12	.28					1.59
orman ‖	Ouachita		1.52		.24	.54	.10	38		.28			1.52														.83						5.41
den ‖	Ouachita	.60			T.			.38					.30			T.										T.	.40	.70					2.38
kay	Red				.20	.90	1.40	.47			.11	.53	.17															.56					4.34
sceola ‖	Mississippi																																....
zark ‖	Arkansas	.03				.05		T.		.02	.04	.05	.18				.02		T							.05	.97	.89					2.39
aragould ‖	St. Francis					.10		1.24			.87	.41	.81	.16			.10																3.69
arkin ‖	St. Francis		T.	T.		.55		.13			.10	.70	.74							.10								.54					2.86
atterson	White					.36					.29	1.19																					1.84
ine Bluff ‖	Arkansas	.05				.27		1.67			.04	1.87	.44	.02												T.		.65					5.01
ocahontas	White	.18			.05	.18		.10		.04	.18	.60	.15							.03						.05	.25	.25					2.06
ortland ‖	Ouachita					.77						3.08	.90	.07						.03								.62	.10				5.57
rescott ‖	Ouachita	.35				.73	.05	.90				.96	.95	.07														.82		.03			4.86
ison	Ouachita																																....
ogers (near)	White	1.27			.98		T.			1.78	.38					.04										.05	.93	.18	.05				5.66
osebud	Arkansas				.45		12	.14		.17	.75		.28														.62						2.53
. Francis ‖	St. Francis	T.	.12		T	.34		.26	T.	T.	.44	.30	T	T			.14			.13						T.	.24	.34					2.31
earcy	White	T.			T.	.30		.16		.06	.40	.43	.15	.02						.03						.06	.22	.32					2.15
pringbank ‖	Red	.12				1 42	.52	55				2.72	.55				T.									T.	1.32						7.20
tory ‖	Ouachita	T.	.16			T.	.37				.20	91	.52														.40	.65					3.21
tuttgart ‖	Arkansas						.30	1.06				1.11	.88							.01								.40					3.76
biaco	Arkansas	.27			.28	.08	.18	09		.21		.30	.17			T.										.18	2.45	.12					4.33
nset	Arkansas	09	.01		63	T.	T.	05		.42	.01	T.	.03			.08										.14	1.11	.25					2.82
exarkana ‖	Red	.22				.82	.41	.64				2.30	.30															1.05					5.74
hornburg	Arkansas	.22	.02		.30	.30	T.	.25		.38	.02	.67	.25			T.										.02	21	.74					3.38
aldron	Arkansas	.42			.45		.04	.24		.38		.20	.18			03										.40	.80	.22					3.36
arren	Ouachita											3.42	.22	.03	T.	T					T.					T.							3.67
aters ‖	Ouachita	1 49			*	.95			.49		.28	.42	*	.33													.33	.79					5.08
hitecliffs ‖	Red	.35				1.80	.27	1.65				.41	.58															.56					5.62
ilson ‖	Mississippi					.62					.10	.72	.70				.05			.07								.23					2.49
ynne ‖	St. Francis																																..
ancopin ‖	Arkansas					.29		1.01				2.49	.75	.04						.04								.35	.01				4.98

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ark Beach, Mo	...White	30	1.0	2.0	1.8	1.2	4.4	4.4	1.8	2.0	1 0	6.3	6.0	5.0	4.4	4.4	1.9	2.7	-0.7	0.4	0.9	-0.7	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-1.0	0.5	1.7	0.7	
tter	...do	21	3 6	4.5	3.9	3.8	4.3	4.3	5.6	4.7	4 4	4.8	8.0	8.8	6.2	6.0	5.6	5.5	5.2	4.8	4.6	3.6	3 4	4.0	3.8	3.7	3.7	3 2	3.5	3.9	4 1	4.8	
lico Rock	.....do	18	1.3	3.0	2.0	2.5	2.6	2.7	4.5	4.1	2.7	2.8	7.6	6.6	5.5	4.8	4.2	3.7	3 0	3 0	2.0	1.3	1.9	1.8	1.6	8.5	1.5	1.5	1.0	1.9	3.5	3 1	
atesville	.....do	23	6.1	6.0	7.4	7 1	7.5	7.4	9.0	9.5	8.9	7.8	8.2	13.5	11.9	10.7	9.8	9.3	8.5	8 2	8.1	6.7	6.4	7.0	6.5	6.2	6.0	6.1	6.4	6.0	7.0	8.7	
ewport	.....do	26	3.1	3.0	3.5	3.7	3.9	4.0	4.0	5.5	5.9	5 2	4.8	7.1	9.9	9.7	9.1	8 4	7.7	6.6	6.1	5.6	4.6	4.5	4.5	4.1	4.0	3.8	3.7	3.6	3.7	4.3	
eorgetown	.....do	21	6.3	6.0	5.8	5.6	5.4	5.6	5.9	6.1	6.6	7.0	7.5	7.9	8.3	11.0	12.4	12 6	12.4	12.0	11.5	10.0	9.4	8.9	8.7	8.6	8.5	8.3	3 3	8.3	8.4	8.5	
arendon	.....do	26	12.0	12.2	12.1	11.8	11.6	11.6	11.7	11.8	11.9	12.2	13.0	13.6	14 0	14 4	15.6	16.7	17.3	17.5	17.5	17.2	16.7	16.1	15.4	14.7	14.2	13.7	13.4	13.0	12.8	12.7	
lbert	Buffalo	30	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.3	3.3	3.3	3.8	
ack Rock	...Black.	14	3.7	3.5	3.6	3.6	3.5	3.6	3.8	4.3	4.4	4.4	4.9	5.4	7.4	7.8	7.4	6.6	6.0	5.6	5.4	5.3	5.1	5.0	5.0	4.9	4.9	4.9	4.3	4.3	4.1	4.1	
kadelphia	.Ouachita.	17	7.1	9.6	7.2	7.6	8.2	8.9	9.1	9.5	8.8	8.4	8.0	9.2	9.1	8.8	8.3	8.2	8.2	7.5	8.0	8.0	7.9	7.8	7.8	7.5	7.1	7.6	7.8	8.1	6.0	7.4	
mden	.Ouachita.	26	10.3	9.2	10.4	10.3	11.3	11.1	11.6	12.4	14.5	15.0	14.8	14.4	14.8	15.4	15.5	15.2	14.1	12.5	10.7	10.1	9.7	9.5	9.3	9.0	8.8	8.4	8.3	8.6	8.9	9.5	
lton	....Red....	25	8.8	8.2	9.2	11.5	13.0	12.5	11.3	11.0	14.5	11.1	11.2	10.7	10.4	10.3	10.2	9.5	9.0	8.6	8.1	7.7	7.4	7.1	6.8	6.5	6.3	6.3	6.2	6.4	7.7	10.2	
elena	Mississippi	41	5.3	5.6	5.7	5.7	6.0	6.2	6.1	5.6	5.6	6.0	6.4	7.5	9.4	11.2	12.9	14.1	15.5	17.0	18.1	18.7	19.3	19.9	20.3	20.4	20.1	19.4	18.7	17.3	15.3	13.2	
kansas City	..... do....	48	4.4	4.6	4.8	4.9	4.7	4.6	4.6	4.7	4.8	4.7	5.0	5.8	7.3	8.8	10.5	12.0	13.2	14.3	15.6	15.8	16.2	16.5	16.8	17.0	17.0	16.7	16.3	15.6	14.6	13.2	

Daily temperatures for November, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	74	65	81	77	59	49	59	69	65	83	..	75	43	45	45	48	53	59	62	62	71	71	53	51	56	62	65	62	64	71		62.0
	Minimum	62	55	57	57	38	43	45	59	52	65	..	37	39	40	41	38	41	43	50	35	35	34	28	32	41	44	51	35	33	33		42.9
Batesville	Maximum	76	69	81	80	77	52	58	65	59	81	73	47	45	46	47	46	54	48	60	59	64	52	44	47	48	57	71	51	54	68		59.3
	Minimum	51	50	48	64	38	31	45	33	43	57	46	38	40	41	42	41	37	27	46	26	34	28	16	20	35	39	44	29	26	24		38.0
Bee Branch	Maximum	79	70	79	76	72	52	67	64	62	80	78	45	44	45	46	45	50	49	63	60	65	60	50	48	47	58	58	57	57	66		59.7
	Minimum	51	51	51	65	35	36	46	36	48	55	45	35	38	40	40	39	39	23	45	29	35	28	23	29	37	40	45	34	29	29		39.4
Bentonville ***	Maximum	49	73	74	68	50	60	54	63	64	77	42	36	41	42	40	40	45	54	54	59	53	44	52	50	42	56	51	41	51	66		53.0
	Minimum	40	49	60	33	28	35	42	36	52	42	31	31	35	35	36	36	38	38	33	30	31	25	29	36	38	42	39	30	29	37		36.5
Blytheville	Maximum	65	68	76	73	73	48	55	62	67	75	69	46	45	48	45	45	44	50	60	51	65	52	41	47	51	59	62	56	45	62		56.8
	Minimum	52	50	49	60	42	37	44	35	43	55	45	40	42	42	41	40	40	28	45	34	36	27	18	21	29	41	45	36	29	27		39.1
Booneville	Maximum	73	68	84	76	49	49	63	65	66	84	79	41	42	50	45	44	51	57	57	65	67	56	48	45	45	55	58	54	61	75		59.1
	Minimum	51	55	57	44	36	34	45	35	53	64	41	36	38	39	37	37	40	40	49	28	35	29	31	34	40	41	47	35	27	30		40.3
Brinkley	Maximum	70	72	85	84	77	59	55	60	70	84	76	51	47	49	50	48	54	52	70	62	69	59	46	52	55	68	65	58	54	67		62.3
	Minimum	56	54	51	51	41	39	45	47	53	64	49	39	42	42	43	41	40	28	44	31	31	31	22	24	39	44	46	37	30	30		41.1
Calico Rock	Maximum	75	70	81	76	52	65	58	66	56	82	73	45	44	45	46	45	47	50	56	58	60	53	44	50	47	57	63	50	51	72		57.9
	Minimum	48	52	52	51	36	31	45	36	47	55	36	37	40	41	41	40	40	29	47	29	35	37	21	25	38	40	49	36	28	27		39.0
Camden	Maximum	82	75	85	83	83	54	60	67	74	86	77	51	46	46	51	51	55	58	71	64	67	58	50	54	56	69	67	59	65	72		64.5
	Minimum	64	55	54	61	42	44	49	39	50	66	50	40	43	41	43	39	42	38	53	32	32	36	26	29	40	49	54	38	34	31		43.8
Carthage	Maximum	80	69	84	81	68	48	59	65	72	84	71	49	44	45	50	48	52	54	69	60	68	58	47	52	56	66	65	57	61	68		61.7
	Minimum	64	54	52	54	40	42	41	35	50	68	47	39	40	41	42	36	40	32	50	30	31	32	24	28	40	47	51	36	29	31		41.5
Center Point	Maximum	74	69	82	74	69	51	61	66	67	83	75	50	43	51	50	50	56	59	56	59	73	60	52	48	48	63	59	58	63	67		61.2
	Minimum	61	56	58	67	36	42	44	39	53	65	46	37	38	39	37	39	39	44	41	30	34	33	29	33	40	45	51	34	32	32		42.5
Conway	Maximum	71	70	83	82	57	54	62	65	66	84	75	51	45	46	50	48	54	52	65	63	69	59	48	49	51	65	64	62	61	74		61.5
	Minimum	57	53	52	55	39	37	46	37	51	59	48	39	41	42	42	38	39	33	47	30	32	31	24	30	39	43	48	36	27	30		40.8
Cornerstone	Maximum	78	75	83	82	76	55	54	69	74	85	76	52	46	46	59	59	58	52	68	60	69	57	47	51	57	65	65	59	58	69		63.5
	Minimum	59	52	53	61	44	44	45	36	50	65	51	39	41	42	43	39	40	31	49	32	34	32	23	28	40	47	49	37	31	31		42.3
Corning	Maximum	75	70	80	79	77	54	59	66	61	81	74	47	46	47	47	47	44	45	62	56	65	53	44	49	46	55	65	56	43	65		58.6
	Minimum	45	48	48	62	38	33	44	34	43	54	45	39	41	42	41	39	40	26	44	30	36	27	19	21	31	39	43	39	28	26		38.2
Crossett	Maximum	84	86	87	86	83	61	59	69	76	88	84	59	47	47	55	54	56	56	70	69	72	70	50	52	60	73	70	68	65	71		67.6
	Minimum	50	56	56	56	49	44	50	35	45	68	58	41	42	42	43	43	38	33	39	31	29	40	23	26	30	32	52	33	28	28		41.3
Dardanelle	Maximum	75	64	83	75	54	53	63	63	58	84	77	49	44	45	48	47	51	52	61	61	68	60	47	49	47	57	58	54	61	70		59.3
	Minimum	56	54	52	51	37	37	45	38	51	56	46	38	40	41	42	39	40	35	48	30	35	32	28	32	39	42	50	36	30	30		41.0
Dumas	Maximum	75	73	86	87	75	69	56	69	75	89	74	53	45	47	53	49	51	55	50	71	63	73	47	55	62	70	63	60	62	71		64.3
	Minimum	58	54	53	59	46	44	48	36	48	61	52	40	42	42	43	39	40	30	30	42	34	33	23	27	42	41	56	39	32	32		42.2
Dutton	Maximum	67	67	77	70	55	56	54	58	67	77	71	38	38	49	44	39	46	47	53	61	57	48	42	45	43	52	52	48	54	68		54.8
	Minimum	45	52	56	42	28	26	40	28	44	49	34	30	31	36	33	33	33	28	41	21	31	21	20	30	33	37	43	30	24	25		34.1
England	Maximum	74	72	84	83	75	49	55	69	72	85	72	58	45	44	47	47	48	50	60	61	68	59	44	50	58	58	..	58	62	68		61.2
	Minimum	57	51	52	63	41	40	45	37	48	64	47	38	40	41	42	38	40	32	47	32	33	32	26	40	44	50	..	36	29	32		42.0
Eureka Springs	Maximum	66	78	77	72	55	61	57	67	60	77	56	37	41	41	40	40	47	54	53	62	56	48	53	50	47	54	52	46	55	68		55.7
	Minimum	40	46	59	39	27	33	44	37	51	56	33	31	33	35	36	35	35	34	42	28	39	24	24	32	36	40	41	32	28	40		37.0
Fayetteville	Maximum	69	74	75	71	52	58	57	63	61	76	70	38	46	44	42	40	50	52	54	60	54	46	54	48	44	57	52	47	55	66		55.8
	Minimum	43	50	61	38	28	31	44	35	51	61	34	31	34	35	35	35	37	39	44	28	38	25	26	37	38	40	41	36	31	34		38.0
Fort Smith***	Maximum	57	67	80	73	52	53	64	63	71	82	44	42	44	48	45	43	50	56	56	60	62	53	48	46	44	52	55	50	59	72		56.4
	Minimum	50	54	57	38	34	36	45	40	52	44	37	36	38	39	39	39	41	43	39	33	38	34	33	35	39	41	44	36	32	35		40.0
Gravette.§§	Maximum	55	72	75	52	51	64	56	67	65	78	37	36	44	44	40	40	49	55	46	62	53	46	57	48	44	55	17	42	51	68		53.3
	Minimum	39	39	54	50	25	25	34	34	37	52	35	30	30	33	34	34	35	34	43	24	27	23	24	28	36	36	40	35	23	25		33.9
Grannis	Maximum	72	73	85	73	54	48	61	65	67	83	73	51	45	58	50	45	51	51	51	51	61	57	47	44	44	53	61	53	64	68		58.6
	Minimum	42	57	55	53	32	38	45	36	51	63	39	35	35	37	35	37	37	40	47	29	31	29	25	30	39	42	49	27	32	30		39.2
Harrison	Maximum	70	70	78	72	51	56	55	65	63	78	67	40	41	42	42	43	45	53	55	60	56	45	46	50	48	56	56	57	52	69		56.0
	Minimum	44	50	56	42	31	29	45	32	54	60	37	32	35	37	39	37	37	29	44	26	42	25	21	30	37	40	40	35	30	29		37.5
Helena	Maximum	76	71	82	83	76	54	55	66	70	81	74	52	46	49	49	46	49	51	67	59	68	57	44	53	55	66	63	59	50	68		61.3
	Minimum	60	51	55	62	42	44	45	38	48	64	49	39	42	43	44	41	39	31	41	31	37	31	25	28	39	48	51	37	29	32		42.2
Highland	Maximum	80	80	81	75	69	52	68	70	69	82	62	51	43	53	44	53	61	54	66	68	75	64	55	50	49	63	64	61	68	76		63.5
	Minimum	52	54	56	55	36	42	44	46	42	48	45	38	38	38	39	39	39	39	42	34	40	35	29	31	40	44	44	34	33	37		41.1
Hope	Maximum	80	80	79	79	60	51	60	66	71	85	58	47	45	47	49	52	55	57	..	69	68	67	47	52	52	57	65	58	..	..		61.3
	Minimum	60	59	59	50	39	43	47	38	52	50	46	40	39	40	40	38	33	45	..	33	33	33	27	30	42	40	50	38	..	..		42.4
Hot Springs	Maximum	77	83	78	80	85	56	68	67	63	84	74	47	46	43	49	45	54	53	54	64	71	54	48	52	48	63	62	53	62	71		61.7
	Minimum	60	54	66	61	54	42	38	40	52	61	45	38	39	39	41	37	39	37	45	34	41	31	28	32	42	42	49	37	32	35		43.0
Jonesboro	Maximum	71	72	82	80	76	51	56	65	65	82	73	48	46	48	47	48	45	48	61	58	64	55	41	51	51	58	61	55	59	65		59.4
	Minimum	52	49	51	60	41	37	45	36	47	57	47	39	41	42	43	40	39	29	45	32	39	32	21	25	36	41	44	37	30	30		40.2
Lead Hill	Maximum	70	71	82	75	52	60	59	67	59	84	76	41	42	44	45	43	47	52	57	62	58	47	47	50	48	54	55	49	53	59		56.9
	Minimum	44	51	51	43	31	26	44	31	46	50	37	33	38	28	41	38	38	27	43	24	30	22	18	28	37	40	45	35	24	24		35.9
Little Rock.***	Maximum	69	64	81	80	52	49	56	63	70	82	65	44	44	44	47	45	50	50	62	57	65	47	44	47	50	64	62	52	57	67		57.6
	Minimum	53	51	54	47	41	44	45	43	52	65	42	38	40	42	43	40	38	38	44	37	38	35	27	32	41	43	45	38	32	36		42.1
Lutherville	Maximum	73	65	73	74	49	53	62	61	55	81	74	44	41	46	43	43	49	47	57	62	66	53	46	48	47	53	54	52	59	60		56.3
	Minimum	53	53	55	46	34	35	42	38	50	54	43	35	35	38	39	37	38	34	45	31	36	28	27	29	36	39	45	34	29	33		39.0
Magnolia	Maximum	84	..	86	83	75	55	67	..	75	87	80	56	46	47	..	54	55	57	70	64	73	73	50	51	58	70	68	72	70	..		66.4
	Minimum	65	..	58	64	42	44	50	..	40	69	51	41	40	41	..	41	31	45	51	34	37	33	28	32	41	49	54	37	32	..		44.3
Mammoth Spring	Maximum	78	76	78	74	58	51	56	61	76	80	76	46	43	44	43	45	48	46	56	57	59	47	43	47	49	53	60	47	43	60		56.7
	Minimum	49	45	49	56	37	39	44	37	40	44	43	37	39	40	38	39	40	28	37	30	33	25	18	21	34	40	41	37	27	25		37.1
Marianna	Maximum	72	68	82	82	77	51	55	63	70	83	..	50	46	39	49	47	51	51	67	58	67	57	44	50	54	66	65	61	61	67		60.8
	Minimum	56	51	50	50	43	42	45	38	49	..	49	40	43	41	45	42	41	29	45	33	37	33	23	27	39	49	50	32	32	30		40.9
Marked Tree§§	Maximum	65	69	82	81	..	55	55	64	69	81	67	45	45	48	46	48	46	52	65	57	63	45	45	51	53	64	65	53	51	67		58.5
	Minimum	60	50	48	50	41	38	..	34	35	48	60	39	40	42	43	40	41	28	31	31	35	30	21	21	29	41	45	35	29	26		38.3
Marshall	Maximum	76	69	80	75	54	56	57	65	59	80	80	41	42	42	43	43	50	49	58	61	58	55	48	49	47	57	61	50	56	74		57.8
	Minimum	45	50	56	54	33	30	43	32	52	56	39	32	36	37	38	37	37	33	44	25	26	23	21	30	36	40	44	32	24	39		37.5
Mena	Maximum	72	71	79	72	51	47	62	66	67	80	63	40	41	54	45	41	55	53	58	61	65	52	50	47	52	59	58	52	60	64		58.0
	Minimum	57	57	57	47	33	41	43	37	53	63	40	34	34	35	36	37	37	44	41	31	41	34	28	31	39	40	49	36	34	40		41.1
Morrilton	Maximum	73	79	80	77	56	53	55	58	63	80	..	..	..	..	..	..	50	52	60	61	67	62	63	55	50	61	63	58	58	62		62.3
	Minimum	54	53	51	55	41	39	39	41	49	60	38	38	38	40	38	40	42	34	48	33	35	34	26	31	39	42	47	40	31	40		41.3
Mountain Home	Maximum	71	70	81	71	55	62	67	69	57	83	66	44	42	43	44	41	48	50	55	62	60	47	45	50	45	54	62	48	55	73		57.4
	Minimum	44	49	52	43	33	29	43	33	45	52	39	34	37	38	40	37	37	30	43	27	36	25	19	26	36	39	42	34	26	27		36.5
Mount Ida	Maximum	74	68	81	75	55	49	63	66	66	82	72	44	45	46	44	44	54	54	61	64	72	59	51	49	50	65	63	55	65	73		60.3
	Minimum	61	55	56	50	35	36	44	34	50	64	42	36	39	39	39	39	39	36	49	26	28	28	21	27	39	41	47	30	26	25		39.4
Nail	Maximum	68	69	71	68	50	51	51	61	55	73	68	36	36	38	37	38	43	41	47	57	55	44	42	44	40	49	53	44	51	67		51.6
	Minimum	43	44	46	47	28	36	38	41	45	50	33	29	30	31	31	30	31	32	32	30	40	24	24	28	30	35	43	33	28	39		35.0
Newport	Maximum	74	70	81	81	77	51	56	66	66	83	78	48	46	47	47	47	50	48	63	58	64	57	43	47	49	62	64	56	54	69		60.1
	Minimum	54	51	50	63	40	36	45	36	50	58	47	40	42	42	44	40	41	28	47	31	35	32	23	24	38	41	45	34	30	27		40.5
Ozark	Maximum	71	66	77	74	50	55	61	60	61	81	79	44	42	47	65	46	47	50	58	60	66	54	47	46	46	46	52	52	61	67		57.7
	Minimum	55	56	59	47	34	35	45	37	55	54	39	37	39	40	36	42	40	36	40	29	34	29	31	34	40	42	42	42	29	30		40.3
Pine Bluff	Maximum	77	73	86	84	75	50	55	67	75	80	74	50	46	46	50	46	52	53	70	61	72	60	48	50	57	70	65	59	64	72		62.9
	Minimum	59	53	56	63	44	45	45	39	51	70	49	39	41	42	44	39	41	36	50	34	39	36	28	31	42	48	49	38	32	35		43.9
Pocahontas	Maximum	80	70	79	78	76	55	58	66	59	82	72	47	47	47	51	46	50	47	60	56	63	58	44	47	46	54	65	61	56	67		59.6
	Minimum	48	49	49	64	38	33	44	33	42	53	45	37	40	41	41	38	40	26	43	29	34	28	19	22	33	40	42	35	23	24		37.8
Portland	Maximum	82	76	83	85	77	60	58	64	73	84	77	56	47	47	53	51	50	58	63	62	67	56	47	54	61	69	61	58	62	68		63.6
	Minimum	60	55	54	57	48	46	50	37	45	64	60	40	42	42	43	42	39	32	49	34	30	37	25	27	39	45	55	38	32	30		43.2
Prescott	Maximum	79	71	84	81	71	53	63	67	72	85	81	71	45	46	49	52	55	56	70	68	70	66	50	54	52	70	66	60	65	72		64.8
	Minimum	66	55	55	63	39	44	46	49	51	53	49	39	40	40	41	40	38	43	52	34	34	36	28	30	42	46	42	39	33	33		43.0
Searcy	Maximum	70	72	84	81	76	54	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		61.5
	Minimum	55	51	51	58	40	36	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		40.1
Stuttgart	Maximum	72	71	83	84	73	52	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		62.1
	Minimum	62	51	53	59	42	42	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		41.7
Subiaco	Maximum	74	65	81	76	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		57.8
	Minimum	50	54	55	44	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		40.4
Sunset	Maximum	64	65	70	67	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		52.7
	Minimum	43	53	57	36	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		36.2
Texarkana	Maximum	81	73	82	73	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		64.2
	Minimum	54	56	54	62	38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		41.2
Thornburg	Maximum	73	61	81	80	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		60.0
	Minimum	53	51	50	52	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		37.7
Wilson	Maximum	70	68	81	82	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		59.3
	Minimum	..	..	..	..	..	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		38.0

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office. Little Rock Ark. 12-23 35-1

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XL LITTLE ROCK, ARK., DECEMBER, 1935 No. 12

PRICE: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

This was the coldest December since 1917. Temperatures were considerably below normal in central and eastern portions of the State during the first week of the month and nearly continuously below the latter half with departures as much as 22° below normal in the extreme eastern portion on the 26th. The average temperature for the State, based on the reports of 58 stations, was 37.6° which is 5.0° below the mean for the past 45 years. All stations had negative departures which ranged from 1.5° below normal at Morrilton to 8.2° below at Blytheville. Monthly means ranged from 33.4° at Corning to 43.2° at Magnolia. The highest temperature reported was 73° at Magnolia on the 1st; the lowest, 4° below zero at Lead Hill on the 30th. The greatest daily range was 49° at Lead Hill on the 30th.

Heavy rains occurred from the 5th to the 8th in nearly all sections of the State except in the extreme eastern portion, amounts of from 2.00 inches to more than 4.00 inches being reported from west-central, northwestern, and southwestern portions. Snow fell in the southern half of the State on the 21st and 22d, with Index and Portland reporting depths of 5.0 inches. From the 27th to the 29th rain, sleet, and snow fell in most sections with stations in the Ozarks and the northern portion receiving 6.0 inches or more. Ice formed on most highways and travel was hazardous. A number of accidents occurred in which one person was killed and a score or more injured. Bus service was suspended in some instances. The average precipitation for the State for the 92 stations reporting was 2.95 inches which is 1.31 inches below the mean for the past 45 years. Of the stations with records of 10 years or more, 20 had positive departures and 56 negative. Monthly totals ranged from 0.76 inch at Clarendon to 5.95 at Lutherville. The greatest amount measured in any 24-hour period was 5.09 inches at Lutherville on the 6th. Snowfall ranged from a trace at three southwestern stations to 9.0 inches at Dutton in the Ozarks. The average number of rainy days was 5 and the average snowfall for the State for the 91 stations reporting was 2.8 inches.

The heavy rains the first of the month caused rapid rises in the Red, White, Arkansas, and Ouachita rivers but flood stages were reached only at Danville on the Petit Jean and at Arkadelphia on the Ouachita. Flood losses reported were as follows: On the White River, $9,000; on the Arkansas, $1,500; on the Ouachita, $1,000.

The weather during December was mostly too cold for the picking of the small amount of cotton remaining in the eastern lowlands but was favorable for the gathering of corn and other field crops and for plowing and other winter work except during the rainy periods the first and latter portions of the month. The snow cover the last of the month was very favorable for wheat, oats, and winter truck and prevented much damage from the low temperatures. T.A.M.

Corrections on Page 46:--Mean temperature and departure from normal: Bee Branch should be 38.4° −3.6, Calico Rock 35.8° −3.3.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 17	30.59	26	29.62	22	8.0	24	nw	19	..	..	..	61
Fort Smith	30.18	30.61	2	29.72	22	8.4	23	w	14†	77	60	64	49
Little Rock	30.20	30.65	2	29.78	22	8.0	22	ne	28	72	57	58	57
Memphis	30.19	30.66	2	29.78	28	7.8	25	n	25	77	58	56	55

COMPARATIVE DATA FOR DECEMBER

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest monthly	Least monthly	Average snowfall	Precip .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	+4.3	72	13	4.69	+0.43	7 50	1.48	......	7	14	7	10
1892	40.9	−1.7	83	−10	8.79	+4.53	16.44	3.17	0.7	10	7	6	18
1893	45.4	+2.8	79	3	1.83	−2.43	3.48	0.65	T.	5	14	8	9
1894	44.6	+2 0	82	−11	3.48	−0.78	7.15	1 45	1.3	6	14	6	11
1895	43.8	+1.2	78	5	3.96	−0.30	10.04	1.10	1.4	7	13	6	12
1896	45.8	+3.2	81	8	0.84	−3.42	2.75	0.15	T.	8	8	7	16
1897	40.3	−2 3	81	10	6.00	+1.74	9.12	2.74	2.2	8	10	5	16
1898	39.5	−3.1	76	− 4	1.87	−2.39	3.68	0.56	2.9	5	16	6	9
1899	41.0	−1.6	74	8	4.08	−0.18	6.46	1 20	1.3	7	15	7	9
1900	44.9	+2.3	82	10	2.76	−1.50	8.28	0.46	T.	5	16	6	9
1901	38.5	−4.1	87	− 6	4.42	+0.16	6.26	0.99	1 3	6	12	6	13
1902	40 8	−1 8	75	5	5.71	+1.45	10.20	2.80	3.3	8	10	6	15
1903	39 7	−2.9	74	6	3.44	−0.82	6.58	1.08	0.7	6	18	5	8
1904	42.9	+0.3	80	3	5.10	+0.84	10 93	0.55	0.6	7	12	7	12
1905	38.5	−4.1	69	7	4.96	+0.70	7.80	1.70	1.4	9	14	5	12
1906	46.5	+3.9	83	10	5.64	+1.38	9.76	1.15	0.2	8	8	7	16
1907	44.4	+1.8	85	11	2.70	−1.56	4.62	1.35	0 7	7	12	6	13
1908	46.0	+3.4	82	11	1.50	−2.76	5.30	0.09	0.2	5	13	7	11
1909	35.3	−7.3	82	1	5.26	+1 00	9.35	1.93	3 2	9	14	6	11
1910	40.8	−1.8	75	9	3.57	−0.69	6.00	0.59	0.8	6	13	6	12
1911	43.0	+0.4	78	3	7.00	+2.74	15.51	2.38	1.0	12	10	7	14
1912	41.7	−0.9	76	8	2.63	−1.63	6.49	0.05	1.2	7	14	7	10
1913	43.6	+1.0	77	14	3.26	−1 00	5.89	1.63	2.3	9	7	7	17
1914	36.1	−6.5	70	−11	6.26	+2.00	9.48	2.60	4.3	12	8	4	19
1915	43.9	+1.3	78	11	4.73	+0.47	9.60	1.97	0.3	7	12	4	15
1916	42.1	−0.5	82	−16	3.35	−0.91	7.13	0.90	4.5	6	14	6	11
1917	34.8	−7.8	81	−21	1.29	−2.97	2.75	0.20	6.2	8	13	6	12
1918	47.6	+5.0	88	9	5.62	+1.36	12.90	1.68	0.2	7	14	5	12
1919	40.4	−2.2	78	1	1.94	−2.32	6.94	0.06	T.	5	13	4	14
1920	43 2	+0.6	74	6	5.95	+1.69	9.19	2.14	0.4	8	13	5	13
1921	47.1	+4.5	82	11	2.78	−1.48	5.16	1 35	T	6	13	6	12
1922	47.8	+5.2	86	12	4.59	+0.33	8.28	1 00	T.	9	12	5	14
1923	49.1	+6.5	80	9	6.24	+1.98	11.80	3 38	T.	13	9	5	17
1924	41.4	−1.2	86	− 8	5.65	−0.61	5.85	1.00	0.3	6	14	5	12
1925	40.2	−2.4	81	− 6	1.71	−2.55	5.10	0.13	0.3	3	15	5	11
1926	43.3	−0.7	79	− 3	7.15	+2 89	12.43	2.53	2.1	10	11	4	16
1927	40 9	−1.7	84	− 2	4.18	−0.08	10.42	1 18	0.1	6	14	5	12
1928	43.4	+0.8	87	10	4.41	+0.15	8 34	1.67	T	6	18	5	8
1929	44.4	+1.8	82	− 5	3.84	−0.42	5.88	1.51	2.7	8	13	5	13
1930	40.6	−2.0	83	9	2.58	−1.68	5.31	0.95	0 9	6	15	5	11
1931	48.7	+6.1	78	17	7.79	+3.53	23.86	0.52	T.	14	9	5	17
1932	39 9	−2.7	79	− 5	7.86	+3 60	13.57	3.97	3.6	12	11	4	16
1933	49.3	+6.7	83	11	5.41	+1.15	12.01	1 80	0.1	7	12	5	14
1934	41.5	−1.1	74	4	3.78	−0.48	6.85	0 95	0.2	9	12	6	13
1935	37.6	−5.0	73	− 4	2.95	−1.31	5.95	0.76	2.8	5	15	5	11
Period	42.6	....	88	−21	4.26	......	23.86	0.05	1.3	7	12	6	13

Daily River Stages for December, 1935

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	...Arkansas...	22	12.3	12.9	13.3	12.1	9.8	9.3	17.5	18.9	18.3	16.5	14.6	12.0	10.3	9.3	8.7	8.3	7.8	7 3	7.2	6.9	6.6	6.4	6.3	6.2	6.1	6.0	5.8	5.8	5.7	5.7	5.6
Van Buren ...			13.4	14.3	14 8	13.6	11.0	10 8	19.0	20.3	19.8	18.0	16.2	13 6	11.7	10.8	10.0	9.6	9.1	8 7	8.5	8.0	7.8	7.6	7 5	7.4	7.3	7.0	6.8	6.8	6.7	6.7	6.6
Ozark	......do......	22	7.7	9 2	9.8	9.8	7.5	6 3	13.7	15.5	15.3	14.1	12.5	10.4	8.0	6.7	5 8	5.2	4.7	4.3	4.0	3.7	3.4	3.2	3.0	2.8	2.6	2.4	2.3	2.3	2.2	2.0	2.0
Dardanelle......	......do......	22	9.1	11.2	12.0	12.4	11.1	10.2	16 7	18.5	18.1	17.4	15.9	14.4	12 6	10.9	9.9	9.2	8.7	8.4	8.0	7.6	7.4	7.1	6.9	6 7	6.6	6.5	6.3	6.2	6.0	6.0	5.9
Morrilton	......do......	20	4.4	6 4	8.5	9.0	9.0	7.5	12.3	16.9	17.1	16.2	14.8	13.1	11.2	9.0	7.4	6.4	5.5	4 6	4.0	3.4	2.9	2 4	2.1	1.8	1.6	1.4	1.2	1.0	1 0	0.8	0.8
Little Rock..	......do......	23	5 0	5.1	7.5	9.0	9 6	9.0	9.0	16.5	18.9	17.6	16 5	15.1	13.3	11.2	9.4	8.1	7.2	6.3	5.7	5.1	4 6	4.2	3 8	3.6	3.3	3.1	3.0	2 8	2.7	2.6	2.5
Pine Bluff	......do......	25	8.4	9.1	9.4	11.7	12 8	13.1	12 4	17 5	20.1	20.7	20 1	18 2	17.3	16.0	14 2	12.9	11 8	10.9	10.2	9.6	8.9	8.2	7.9	7.6	7.1	6.8	6.6	6 2	6.2	5 9	5 8
Danville........	.. Petit Jean.	20	3.0	2.2	2.2	2.2	2.1	3.8	20.0	22.5	23.3	22.2	19.7	17.6	10.4	7.6	6.2	5.1	4.9	4.8	4.8	4.5	4.3	4.0	3.9	3.7	3.7	3.6	3 5	3.5	3.3	3 3	3.2

Climatological Data for December, 1935

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	40	39.0^{a}	-4.0	68	9	18^{a}	26†	40^{a}	4.13	+0.08	2.32	T.	6	14^{a}	6^{a}	10^{a}	n.	J. W. Campbell
Arkadelphia	Clark	200	40	...	...	...	...	...	...	...	3.05	-1.83	2.11	1.5	6	14	5	12	ne.	W. K. Bown
Arkansas City	Desha	145	51	...	...	...	...	...	...	...	1.19	-3.81	0.66	1.1	5	17	3	11	...	Herbert Neff
Batesville	Independence	277	36	34.8	-5.4	67	9	0	30	40	2.80	-0.89	2.00	3.8	4	19	2	10	nw	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	43	38.6	-3.4	68	1	8	30	37	5.04	+1.16	2.85	6.0	5	17	4	10	w.	J. E. Scanlan
Benton	Saline	285	1	...	...	...	...	...	...	...	2.81	...	2.10	0.6	7	19	2	10	...	S. A. Burks
Bentonville	Benton	1303	30	35.4	-2.6	60	9	11	26	26	2.10	-0.27	1.97	1.0	5	9	13	9	nw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	5	...	...	...	...	...	...	...	1.66	...	0.65	2.0	6	16	3	12	...	C. J. Brooks
Black Rock	Lawrence	259	34	...	...	...	...	...	...	...	2.31	-1.41	1.19	3.3	6	18	2	11	n.	Vernon C. Howe
Blytheville	Mississippi	252	10	34.4^{a}	-8.2	66^{a}	7	5	30	32^{a}	1.51	-2.83	0.66	2.7	7	14	5	12	n.	Samuel Norris
Booneville	Logan	465	21	38.4	-5.4	65	1†	6	30	34	4.66	+1.50	3.60	3.3	6	14	6	11	w.	F. H. Randolph
Boughton	Nevada	200	1	...	...	...	...	...	...	...	2.91	...	2.05	1.5	5	12	2	17	...	Harry Buie
Brinkley	Monroe	205	48	38.4	-5.2	66	8	11	30	39	1.11	-3.75	0.35	2.5	6	13	4	14	ne.	R. J. Torry
Calico Rock	Izard	361	31	35.4	-3.7	66	1	2	30	38	3.31	+0.09	2.00	5.3	4	14	4	13	n.	W. M. Jones
Camden	Ouachita	116	50	41.4	-3.6	68	1†	11	27	39	1.96	-2.72	1.39	0.3	4	16	1	14	se.	J. M. Knight
Carthage	Dallas	297	30	38.8	...	65	8	15	27	36	1.98	-3.22	0.86	0.5	5	14	10	7	n.	P. K. Wylie
Center Point	Howard	591	36	39.9	-5.0	67	1	15	26	34	3.60	-0.78	2.87	T.	5	16	3	12	e.	John C. Floyd
Clarendon	Monroe	172	51	...	...	...	...	...	...	...	0.76	-4.24	0.20	1.0	6	10	5	16	n.	J. W. Bishop
Clinton	Van Buren	516	14	...	...	...	...	...	...	...	5.12	+0.82	3.10	3.8	6	18	3	10	n.	A. L. Stephens
Conway	Faulkner	309	52	39.2	-3.3	64	8	14	30	36	4.07	+0.01	1.90	4.1	6	16	7	8	w.	E. E. Cordrey
Cornerstone.‡‡	Jefferson	195	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	P. B. Dutchens
Corning	Clay	293	42	33.4	-6.4	62	9	-1	30	38	3.35	-0.26	...	6.0	4	13	2	16	nw.	Winfred D. Polk
Cotter	Baxter	440	8	...	...	...	...	...	...	...	3.57	...	1.93	6.0	4	13	5	13	...	O. B. McSpadden
Crossett (near)	Ashley	175	23	41.3	-5.9	68	9†	13	27	42	3.09	-1.13	1.26	2.8	8	14	6	11	n.	U. S. Forest Service
Danville	Yell	327	19	...	...	...	...	...	...	...	4.45	+1.15	2.19	2.4	4	14	4	13	...	J. M. Patterson
Dardanelle	Yell	330	49	39.6^{b}	-3.2	62^{d}	14	12	30	32^{d}	4.86	+1.57	2.67	1.8	5	14	7	10	e.	Geo. N. Goodier
Dumas	Desha	162	30	39.6	-7.0	69	8	15	27	37	3.14	-2.49	1.10	1.5	7	14	4	13	n.	Ben Johnson
Dutton	Madison	1590	33	33.8	-3.4	61	9	11	2	37	4.10	+0.42	3.04	9.0	6	9	13	9	n.	J. M. Ricketts
El Dorado††	Union	270	35	42.4	-4.0	70	8†	20	26†	34	4.10	-1.51	1.80	5.0	5	13	1	17	n.	L. E. Ellis
England	Lonoke	229	29	37.1^{a}	-6.9	61^{a}	8	14^{a}	27	32^{a}	1.45	-3.20	0.90	*0.8*	6	17^{a}	2^{a}	11^{a}	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	36.3	-3.3	62	7	8	26	32	2.35	-0.48	1.43	2.0	5	17	7	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	48	36.5	-3.1	62	9	11	26	32	3.09	+0.34	2.04	3.1	8	12	13	6	sw.	University of Arkansas
Fort Smith	Sebastian	457	54	37.8	-4.3	61	13	15	30	28	3.63	+0.87	2.65	5.8	6	11	10	10	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	11	...	...	...	...	...	...	...	4.64	+0.39	2.04	6.5	4	18	5	8	ne.	R. J. McCuiston
Fulton	Hempstead	260	50	...	...	...	...	...	...	...	2.90	-0.75	1.73	3.0	4	18	4	14	...	T. J. Logan
Georgetown	White	200	23	...	...	...	...	...	...	...	1.18	-3.06	0.74	1.3	7	19	1	11	...	Mrs. W. R. Owens
Gilbert	Searcy	600	9	...	...	...	...	...	...	...	3.58	...	1.63	4.5	4	17	0	14	...	F. J. King
Glenwood	Pike	547	1	...	...	...	...	...	...	...	4.45	...	...	0.1	6	12	1	18	...	C. A. Price
Grannis	Polk	900	16	38.3	-6.5	66	8†	14	26†	39	3.93	-0.69	2.76	0.7	9	16	3	12	se.	W. E. McVay
Gravette	Benton	1250	38	34.4	-3.5	62	9	10	26	40	2.24	-0.10	2.09	1.5	3	14	6	11	w.	Max W. Schmidt
Harrison	Boone	1052	35	35.0	-2.8	69	1	3	30	40	2.83	+0.22	2.20	5.0	5	19	6	6	nw.	Louis R. Keck
Heber Springs	Cleburne	...	1	...	...	...	...	...	...	...	4.07	...	...	5.0	5	11	8	12	...	James A. Burnett
Helena	Phillips	300	63	38.3	-6.2	66	9	13	26	31	1.22	-3.74	0.39	2.2	5	16	0	15	ne.	Trumon Brown
Higden	Cleburne	445	16	...	...	...	...	...	...	...	4.50	+0.65	2.35	6.0	4	20	2	9	n.	J. O. Cooley
Highland	Pike	491	16	...	...	...	...	16	26	...	3.60	+0.28	2.50	0.1	5	5	16	10	s.	N. P. O'Neal
Hope	Hempstead	354	65	40.2	-6.8	71	1	17	26	41	2.50	-1.91	2.10	3.0	3	16	3	12	n.	National Park Service
Hot Springs	Garland	600	44	40.8	-3.2	67	9	18	27	32	4.00	-0.39	2.10	0.5	7	9	13	9	n.	H. C. Sanderson
Index‡‡	Little River	275	18	...	...	...	...	...	...	...	2.95	-1.05	1.41	5.0	7	18	1	12	...	U. S. Forest Service
Jessieville	Garland	750	9	...	...	...	...	...	...	...	4.25	...	2.17	*4.7*	5	12	8	11	nw.	Benedictine Sisters
Jonesboro	Craighead	345	40	36.2	-5.1	64	9	12	26†	27	1.61	-2.76	1.00	3.4	7	16	5	10	nw.	J. H. Crosswhite
Lead Hill	Boone	650	29	33.5	-6.3	62	8†	-4	30	49	1.81	-1.36	1.30	4.0	6	13	10	8	nw.	U. S. Weather Bureau
LITTLE ROCK	Pulaski	357	56	38.4	-5.8	64	8	17	26	30	1.87	-2.27	1.43	0.5	6	11	8	12	nw.	H. G. Lenhardt
Lutherville‡‡	Johnson	775	36	37.0	-4.2	62	1	12	26†	28	5.95	+2.05	5.09	6.2	3	16	6	9	ne.	J. W. Eppes
Madison	St. Francis	209	5	...	...	...	...	...	...	...	1.03	...	0.28	2.5	6	13	2	16	...	State Agri. School
Magnolia	Columbia	315	19	43.2	-5.2	73	1	20	26	41	2.76	-2.05	1.24	3.0	4	10	10	11	n.	S. F. Whittaker
Mammoth Spring	Fulton	600	31	33.9	-5.3	62	8	9	27	33	2.69	-0.59	1.13	3.9	5	12	12	7	nw.	C. N. Houck
Marianna	Lee	235	24	38.4	-4.8	64	8†	15	26†	35	1.04	-3.21	0.65	*2.0*	3	16	7	8	n.	Charles Walton
Marked Tree	Poinsett	229	31	35.1	-6.1	65	9	10	27†	33	1.43	-2.99	0.65	1.8	7	13	10	8	s.	A. J. Parks
Marshall	Searcy	1070	21	35.5	-6.8	72	1	1	30	42	3.56	-0.15	2.00	6.0	4	17	3	11	ne.	E. W. St. John
Mena	Polk	1207	47	37.5	-5.1	63	9	16	26†	33	4.27	+0.46	2.55	T.	7	10	8	13	n.	Hugh B. Wear
Morrilton	Conway	347	16	42.5^{e}	-1.5	71^{e}	1	23^{e}	21	32^{e}	4.68	+1.27	3.25	2.4	5	17	0	14	...	B. S. Halbert
Mountain Home	Baxter	800	23	34.6	-5.8	65	9	4	30	41	3.29	-0.41	2.40	5.0	3	8	12	11	nw.	G. A. Whittington
Mount Ida	Montgomery	650	36	37.2	-5.6	66	9	10	27	41	4.35	+0.33	3.10	0.5	7	17	2	12	nw.	Charles Paxton
Nail	Newton	2233	27	33.5	-4.2	59	1†	6	26	28	3.60	-0.20	1.90	6.5	4	19	4	8	s.	J. D. Henderson
Newport	Jackson	231	52	37.2	-5.0	68	8	12	30	34	1.33	-2.73	0.72	1.6	6	16	6	9	s.	U. S. Forest Service
Norman	Montgomery	750	7	...	...	...	...	...	...	...	3.05	...	3.00	0.5	2	11	6	14	n	U. S. Forest Service
Oden	Montgomery	800	9	...	...	...	...	...	...	...	3.72	...	1.90	0.2	3	12	3	16	nw.	Charles R. Jackson
Okay	Howard	288	7	41.0	...	69	8	14	26	39	3.32	...	2.00	1.0	8	17	1	13	ne.	Orkney O. Milton
Ozark	Franklin	396	40	37.8	-3.4	63	1	10	30	29	4.71	+1.22	2.32	6.5	4	13	3	15	n.	W. R. Heagler
Paragould	Greene	275	12	...	...	...	...	...	...	...	1.92	-2.61	1.41	2.9	5	10	8	13	nw.	Carroll King
Parkin	Cross	222	5	...	...	...	...	...	...	...	1.02	...	0.40	1.1	5	18	2	11	...	W. E. Baker
Patterson	Woodruff	204	19	...	...	...	...	...	...	...	1.18	-2.96	0.91	1.1	3	13	8	10	n.	Miss Theresa Schen
Pine Bluff	Jefferson	215	48	40.7	-4.2	69	8	18	27	33	1.29	-3.78	0.64	0.5	6	13	7	11	nw.	Benedictine Sisters
Pocahontas	Randolph	300	42	35.4	-4.7	68	8	0	30	35	2.65	-1.05	0.85	7.0	5	14	3	14	ne.	W. E. Edmiston
Portland	Ashley	122	29	40.8	-6.7	68	8	11	27	33	1.42	-4.17	0.65	5.0	4	15	4	12	nw.	Craig Williams
Prescott	Nevada	318	47	41.3	-4.3	68	9	18	26†	35	3.52	-0.84	2.63	2.5	6	15	3	13	n.	Carl A. Starck
Rogers (near)	Benton	1300	45	34.0	-4.8	60	1	10	26	27	2.23	-0.19	1.87	1.3	5	16	6	9	nw.	Miss Clarice Maddox
Rosebud‡‡	Faulkner	600	1	...	...	...	...	...	...	...	3.99	...	2.12	2.5	5	13	9	9	sw.	S. T. Rooney
St. Francis	Clay	290	8	...	...	...	...	...	...	...	2.04	...	1.21	3.5	5	15	2	14	...	Arthur D. Smith
Searcy	White	245	25	38.3	-4.5	68	8	13	30	35	2.04	-2.07	1.11	2.3	7	20	1	10	nw.	Henry Field
Springbank	Miller	240	26	...	...	...	...	...	...	...	4.10	-0.97	3.26	4.0	8	15	0	16	...	S. C. Story
Story	Montgomery	650	11	...	...	...	...	...	...	...	4.27	-0.82	2.27	0.7	4	20	4	7	n.	Mrs. Kress Swim
Stuttgart	Arkansas	209	48	38.8	-5.0	68	8	15	27	34	0.88	-3.89	0.42	0.6	5	16	3	12	nw.	New Subiaco Abbey
Subiaco	Logan	750	38	38.0	-4.6	60	1	9	30	30	5.75	+2.56	3.31	6.4	6	13	9	9	ne.	Walter James
Sunset	Washington	2250	4	34.7	...	64	1†	6	26	37	2.81	...	2.03	3.3	7	14	9	8	n.	H. S. Brashear
Texarkana	Miller	332	50	41.8	-5.0	69	8†	15	26	35	3.65	-0.10	1.70	2.0	6	13	6	12	n.	Edward E. Holmes
Thornburg	Perry	650	15	36.3^{a}	-4.8	64	9	8^{a}	30	38^{a}	3.42	-0.37	2.28	1.2	7	16	5	10	s.	Dr. Cheves Bevill
Waldron	Scott	675	16	...	...	...	...	...	...	...	3.26	-0.28	2.85	*2.1*	6	9	7	15	se.	Miss Sue Hoyle
Warren	Bradley	206	41	40.6^{d}	-4.2	70^{d}	1	16^{d}	27†	38^{e}	2.45	-2.77	1.50	4.0	16	6^{b}	8^{b}	15^{b}	.	J. R. Huddleston
Waters	Montgomery	840	11	...	...	...	...	...	...	...	4.20	-0.25	...	1.0	3	20	4	7	w.	William W. Davis
Whitecliffs	Little River	290	29	...	...	...	...	...	...	...	3.44	-0.67	1.96	...	2	16	1	14	...	D. O. Anderson
Wilson	Mississippi	237	10	36.6	-5.2	64	9	5	30	30	1.25	-3.77	0.50	2.0	6	17	5	9	n.	R. T. Cobbs
Wynne	Cross	250	27	35.0^{a}	-7.4	66^{a}	8	10^{a}	26†	36^{a}	1.16	-3.59	0.58	2.5	4	13^{a}	5^{a}	12^{a}	n.	W. E. Barton
Yancopin	Desha	167	11	...	...	...	...	...	...	...	1.08	-5.47	0.35	2.1	5	18	1	12	...	
State Means				37.6	-5.0	73	1	-4	30	49	2.95	-1.31	5.09	2.8	5	15	5	11	n.	

Temperature and precipitation departures computed for stations having ten or more years record. T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2; Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hour ending 7 a. m. *Included in next measurement. Data in italics interpolated.

Daily Precipitation for December, 1935

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
mity	uachita						1.22	2.32	.04														.25						.25	.05			4.13
rkadelphia	Ouachita						.32	2.11	.05														.11						.39	.07			3.05
rkansas City	Mississippi							.66	.09														.10			T.			.15	.19			1.19
atesville	White						.20	2.00	T.													T.							.20	.40			2.80
ee Branch	Arkansas						2.85	1.64	.10																				.11	.34			5.04
enton	Saline						.25	2.10	.05																	.04			.18	.18		.01	2.81
entonville ***	Arkansas					1.54	.44								.02													.07	.03			T.	2.10
ig Lake Outlet	St. Francis						.15	.65	.48	.05													T						.10	.23			1.66
lack Rock	White						.34	1.19	.24							T.							.02						.16	.36			2.31
lytheville	St Francis						.10	.66	.37	.12													.04						.02	.20			1.51
ooneville	Arkansas					.38	3.60	.32														T.						.01	.27			.08	4.66
oughton	Ouachita						.35	2.05	T.														.15						.30	.06			2.91
rinkley	White						.08	.35	.20														.10						.26	.12			1.11
alico Rock	White						.83	2.00																		T.			.15	.33			3.31
amden	Ouachita						.08	1.39															.38						.11			T.	1.96
arthage	Ouachita						.86	.73														.05	.08					T.	T	.26		T.	1.98
enter Point	Red					T.	2.87	.58	.05													.04	T.					T.	.06	T.		T.	3.60
larendon	White						.08	.20	.17														.08						.17	.06			0.76
linton	White						3.10	1.38														.29						.02	.32			.01	5.12
onway	Arkansas						1.90	1.40																				.10	.22	.34		.11	4.07
orning	White						1.10	*	1.75																					.50			3.35
otter	White						1.93	1.10																					.18	.36			3.57
rossett . .[near]	Ouachita							1.26	.04													.65	.65			.01			.40	.05		.03	3.09
anville	Arkansas						1.75	2.19															T.						.16	.35			4.45
ardanelle	Arkansas						1.59	2.67	.03													T.							.25	.32			4.86
umas	Mississippi						T.	1.10														1.00	.20					.10	.40	.30		.04	3.14
utton	White					.21	3.04	.11							T													.05	.09	.60		T.	4.10
l Dorado	Ouachita			T.				1.80	.20														1.00						1.00	.10		T.	4.10
ngland	Arkansas						.20	.90														.05	.04					.02	.24			T	1.45
ureka Springs	White					.45	1.43								.17													.22		.08			2.35
ayetteville	White					.46	2.04	.02							.03													.10	.02	.41		.01	3.09
ort Smith ***	Arkansas					.74	2.25	T.							T.							T						.04	.47	.11		.02	3.63
reeman Sprgs	Arkansas						2.02	2.04																					.07	.51			4.64
ulton	Red						.55	1.73															.30			T.			.32			T.	2.90
eorgetown	White						.13	.74	.12	.02													.04						.11	.02			1.18
lbert	White						1.63	1.45																					.10	.40			3.58
enwood	Ouachita						*	4.00						T.	T.							T.	.20					.01	.04			.20	4.45
rannis	Red					.15	2.76	.38	.08													.10						.10	.30	.04		.02	3.93
ravette	Arkansas						2.09																					.10		.05			2.24
arrison	White					.12	2.20	.13																				.16	.22				2.83
eber Springs	White						*	3.13	.44																				.20	.30			4.07
elena	Mississippi							.34	.39														.17						.12	.20			1.22
igden	White						2.35	1.70																				.11	.34				4.50
ghland	Ouachita						2.50	.65														.05						.05	.35				3.60
ope	Red						2.10	.21														.19						T.	T.			T.	2.50
ot Springs	Ouachita					.02	2.10	1.20	.06													T.						.50	T.	*		.12	4.00
dex	Red						.70	1.41	.02													T.	.50						.05	.26		.01	2.95
ssieville	Ouachita						2.17	1.61							T.							T.						.25	.20			.02	4.25
nesboro	White						.21	1.00	.10	.03													.02						.08	.17			1.61
ad Hill	White					.07	1.30	.15																		T.		.08	.01	.20			1.81
ittle Rock ***	Arkansas					.04	1.33	.20	.01								T.					T.				T.		.05	.24	T.		T.	1.87
therville	Arkansas					.12	5.09																					T.	T.	.74		T	5.95
adison	St. Francis						.13	.28	.25	T.													.05						.27	.05			1.03
agnolia	Red						1.24	.92															.30						.30				2.76
ammoth Spg	White						.97	1.13	.21																				.09	.29			2.69
arianna	St. Francis							.65															.10						.29			T	1.04
arked Tree	St. Francis						.11	.65	.25	.07													.03						.17	.15			1.43
arshall	White					T.	2.00	.94																				T.	.22	.40			3.56
ena	Ouachita					T.	2.55	1.21	.02													T.	.06						.18	.23		.02	4.27
orrilton	Arkansas						.82	3.25	.10																				.16	.35			4.68
ountain Home	White						2.40	.56																					.33				3.29
ount Ida	Ouachita					.10	3.10	.88														T.						.05	.05	.10		.07	4.35
ail	White					T.	1.90	.98																				T.	.05	.67			3.60
ewport	White						.29	.72															.02						.17	.13			1.33
orman	Ouachita						3.00																.05										3.05
len	Ouachita						1.80	1.90														T.							.02				3.72
kay	Red					.04	2.00	.61														.13	.10					.10	.14	.20			3.32
ark	Arkansas						2.32	1.70																					.01	.68			4.71
ragould	St. Francis							.07	1.41	.03												T.							*	.41			1.92
rkin	St. Francis						.12	.40	.25														.05						.20				1.02
tterson	White						.91	.15															T.						.12				1.18
ne Bluff	Arkansas						.15	.64	.04														.12						.30	.04			1.29
cahontas	White						.75	.85	.36														.03						.10	.56			2.65
rtland	Ouachita							.65	.01														.26						.50				1.42
escott	Ouachita						.39	2.63	.04														.16						.24	.06			3.52
gers (near)	White					.22	1.87								.03													.10	.01				2.23
sebud	Arkansas						.14	2.12	1.00	.41					T.							T.						.32					3.99
. Francis	St. Francis						.10	1.21	.53														T.				T.		.08	.12			2.04
arcy	White						.41	1.11	.06	.02													.02					T.	.26	.16			2.04
ringbank	Red				T.		.23	3.26	.01														.50			.02			.02	.02		.04	4.10
ory	Ouachita						1.85	2.27																					.05			.10	4.27
uttgart	Arkansas						.10	.42	.12														.05						.19	T			0.88
biaco	Arkansas					.25	3.31	.67														T.						.15	.02	1.35		T.	5.75
nset	Arkansas					.29	2.03	.02							.01													.05	.15	.26		T.	2.81
xarkana	Red						1.70	1.20														T.	.22			.08			.15	.30			3.65
ornburg	Arkansas					T.	2.28	1.02	.02													T.				T.		.02	.03	.04		.01	3.42
aldron	Arkansas					T.	2.85	.18	.02													T.						.04	.11			.06	3.26
arren	Ouachita						.05	1.50								T.						.44	.10	.12			.24	T.	T	T.		T.	2.45
aters	Ouachita						*	3.81															T.						.39			T.	4.20
hiteclffs.	Red						1.96	1.48																						T.			3.44
lson	Mississippi							.50	.20	.15													.10						.20	.10			1.25
ynne	St. Francis						T.	.58	.33														.10						.15				1.16
ncopin	Arkansas							.35	.16														.18			T.			.31	.08			1.08

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ark Beach, Mo	White	30	2.8	1.8	1.6	1.5	0.2	3.6	5.8	7.4	9.2	6.8	5.4	4.7	4.4	4.4	2.0	2.0	1.0	0.6	0.6	0.1	0.6	-0.8	-0.2	-0.8	-0.8	1.3	1.2	-0.8	-0.8	-0.8	-0.8
tter	do	21	4.2	4.2	4.0	4.0	4.0	4.5	9.8	8.6	7.0	6.0	9.1	6.9	6.0	5.5	5.5	5.5	5.0	4.5	4.2	3.9	3.9	3.8	3.8	3.8	3.6	3.8	3.8	3.8	3.8	4.2	4.4
lico Rock	do	18	2.6	2.3	2.9	2.2	2.2	2.3	11.0	11.1	8.8	9.3	7.8	6.2	5.3	4.7	4.4	4.1	3.0	3.3	2.4	2.3	2.2	2.0	2.0	1.9	1.1	1.7	1.4	1.0	2.1	1.8	1.8
tesville	do	23	8.3	7.6	7.8	7.8	7.3	7.4	14.3	20.2	17.0	15.6	15.4	13.1	11.6	10.5	10.0	9.6	9.0	8.2	8.4	7.8	7.5	7.5	7.0	7.0	6.7	6.0	6.3	6.0	5.7	6.6	6.4
wport	do	26	5.0	4.8	4.3	4.5	4.0	3.8	4.5	14.0	17.8	17.5	17.2	16.3	14.4	12.4	10.8	9.7	8.7	7.5	6.7	6.1	5.5	5.1	5.0	4.5	4.3	3.7	3.4	3.3	3.0	3.0	3.3
orgetown	do	21	8.6	8.6	8.7	8.8	8.7	8.5	8.5	12.5	18.0	19.5	19.4	19.2	19.0	18.7	18.0	17.0	16.0	14.9	14.6	14.3	13.8	12.0	11.2	10.7	10.2	9.8	9.5	9.3	8.9	8.4	8.0
arendon	do	26	12.8	13.0	13.3	13.5	13.6	13.5	13.4	13.3	15.3	18.0	19.5	20.5	21.2	21.8	22.1	22.5	22.9	23.0	22.9	22.6	22.2	21.5	20.7	19.8	18.7	17.6	16.6	15.8	14.9	14.2	13.6
bert	Buffalo	30	3.7	3.7	3.5	3.5	3.5	3.6	11.4	7.0	6.0	5.1	4.8	4.5	4.3	4.1	3.9	3.8	3.8	3.8	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.3	3.3	3.3
ck Rock	Black	14	3.8	3.8	3.6	3.6	3.2	3.0	4.8	9.7	9.3	8.4	7.8	7.3	6.7	6.2	5.9	5.6	5.3	5.1	4.9	4.7	4.3	4.2	3.8	3.7	3.6	3.6	3.3	3.2	3.0	3.2	3.4
kadelphia	Ouachita	17	6.6	7.0	7.6	7.6	7.6	8.0	15.5	14.4	14.4	13.5	11.7	11.1	10.1	9.7	8.0	7.6	7.9	7.9	7.9	7.9	7.8	7.7	7.4	7.7	7.3	6.0	7.3	7.4	7.3	7.3	7.6
mden	Ouachita	26	7.7	7.9	7.9	7.5	7.8	7.1	8.5	13.8	20.5	23.4	24.3	24.5	25.2	25.0	23.2	19.6	15.7	13.2	11.7	10.7	10.3	10.1	9.8	9.2	9.3	9.0	8.8	7.5	8.5	9.0	8.9
lton	Red	25	10.8	11.0	9.9	8.9	8.6	8.0	9.5	13.2	21.7	23.2	23.6	22.9	21.6	20.3	18.8	17.4	15.8	14.4	12.6	10.9	9.5	9.0	8.5	8.2	8.0	7.8	7.6	7.4	7.3	7.2	7.1
lena	Mississippi	41	11.6	10.8	10.6	10.9	11.5	12.0	12.3	12.6	12.8	12.5	12.0	11.8	11.8	12.1	12.5	13.3	14.1	14.9	15.7	16.4	17.0	17.5	18.1	18.8	19.3	19.5	19.3	18.9	18.2	17.4	16.3
kansas City	do	48	11.4	9.8	8.8	8.2	8.4	9.2	10.2	10.7	11.5	13.6	14.5	14.7	14.5	14.1	13.6	13.0	12.7	12.7	12.9	13.2	13.7	14.0	14.3	14.7	15.1	15.4	15.5	15.5	15.1	14.6	13.8

Daily temperatures for December, 1935

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity.§§	Maximum	57	55	55	50	51	54	58	65	68	58	40	54	59	66	45	46	61	62	49	39	35	51	52	49	44	37	29	31	32	33	36	49.1
	Minimum	41	27	24	..	29	32	44	51	36	36	30	28	25	26	38	35	25	25	31	26	24	29	32	24	25	18	18	20	25	20	21	28.8
Batesville	Maximum	62	44	46	46	46	44	56	54	67	61	43	52	53	55	55	42	55	62	45	40	30	46	47	43	41	32	27	26	31	40	38	46.1
	Minimum	37	11	15	19	16	37	43	30	29	41	18	22	19	38	40	31	19	32	24	20	11	27	25	22	23	13	7	21	17	0	23	23.5
Bee Branch	Maximum	68	50	46	49	47	45	56	63	63	60	57	53	52	59	59	45	52	56	56	56	36	48	50	46	43	35	32	26	33	40	39	49.0
	Minimum	37	21	29	26	22	38	44	52	32	42	27	28	24	39	39	36	22	32	31	19	19	28	27	22	28	13	12	20	21	8	26	27.9
Bentonville ***	Maximum	44	45	52	46	44	53	58	53	60	47	51	50	56	50	38	43	48	47	38	27	38	47	43	37	35	26	28	25	29	42	40	43.2
	Minimum	28	19	30	26	31	41	47	40	35	34	29	29	34	38	35	32	28	32	22	15	22	25	27	19	15	11	15	23	18	20	32	27.5
Blytheville	Maximum	62	41	41	43	47	53	66	58	63	50	44	46	51	49	49	41	51	..	42	28	29	39	45	32	35	22	29	28	26	34	39	42.8
	Minimum	30	19	21	23	18	38	47	48	36	44	23	29	23	32	36	35	26	30	28	18	14	28	31	19	21	11	8	22	17	5	22	25.9
Booneville	Maximum	65	48	59	49	43	46	58	55	65	58	52	57	63	55	49	50	56	53	47	43	36	58	53	44	44	36	32	28	28	40	35	48.5
	Minimum	36	19	28	27	30	38	45	42	31	38	32	24	30	44	39	36	22	29	27	21	20	26	35	21	27	16	16	23	20	6	31	28.4
Brinkley	Maximum	58	48	41	48	58	58	61	66	64	58	47	51	56	62	58	46	57	59	48	41	33	39	53	50	44	32	33	31	35	40	36	48.7
	Minimum	41	21	19	22	19	39	50	54	34	39	23	29	23	34	37	38	26	31	28	21	16	29	29	31	24	14	13	24	22	11	27	28.0
Calico Rock	Maximum	66	42	49	43	45	48	58	60	64	56	44	47	55	58	54	43	54	52	47	39	32	48	46	41	37	29	27	26	30	40	39	45.8
	Minimum	35	18	19	20	22	38	46	49	31	40	23	25	23	40	39	37	22	27	26	19	16	26	29	21	24	13	10	20	17	2	25	25.9
Camden	Maximum	68	64	49	52	57	58	63	68	68	62	56	53	60	65	57	49	58	62	56	48	38	40	56	49	51	42	37	33	35	35	39	52.5
	Minimum	40	25	21	27	27	44	53	53	34	36	30	29	26	37	36	34	25	35	27	26	24	30	31	23	37	18	11	28	27	20	29	30.4
Carthage	Maximum	56	46	44	47	56	55	61	65	64	59	41	51	58	62	54	47	57	61	52	44	33	41	55	45	48	35	30	32	32	37	38	48.6
	Minimum	42	22	20	26	24	41	52	55	33	35	25	28	22	35	35	35	24	32	27	20	21	29	33	21	33	17	15	26	25	16	29	29.0
Center Point	Maximum	67	52	43	50	47	53	58	64	64	60	54	53	58	57	57	46	54	61	59	43	43	48	52	52	45	35	35	31	33	34	36	49.8
	Minimum	40	21	27	27	32	42	51	52	34	38	33	25	27	45	33	28	23	27	29	24	23	31	29	25	31	15	18	26	24	19	30	30.0
Conway	Maximum	61	49	47	49	51	48	58	64	63	59	48	54	56	63	54	47	59	57	54	43	33	53	56	45	43	36	32	29	35	44	40	49.4
	Minimum	37	22	25	26	23	41	46	54	41	40	25	26	25	41	36	38	23	26	30	19	20	32	29	23	30	16	16	23	24	14	29	29.0
Corning	Maximum	61	35	41	44	47	47	54	53	62	56	43	46	49	52	48	41	54	53	43	41	27	43	40	32	31	31	27	26	27	37	39	42.9
	Minimum	32	19	16	23	17	36	41	51	32	40	22	26	22	32	36	36	24	27	28	17	13	25	19	24	13	11	9	20	15	− 1	17	23.9
Crossett	Maximum	60	55	55	52	59	63	64	67	68	66	60	51	59	64	64	49	57	61	68	57	43	34	60	55	52	42	37	35	35	44	43	54.2
	Minimum	39	21	21	29	26	45	57	50	34	33	32	27	21	33	28	33	22	28	26	23	19	28	28	23	28	18	13	32	28	16	18	28.4
Dardanelle	Maximum	60	50	52	47	44	47	55	61	56	59	52	54	57	62	52	48	56	54	49	43	35	51	52	44	..	..	..	..	33	39	36	49.9
	Minimum	38	23	26	28	26	40	46	49	37	41	28	27	26	42	40	37	24	30	28	21	22	30	31	25	29	17	17	22	20	12	28	29.4
Dumas	Maximum	57	47	43	50	51	62	62	69	68	60	51	50	61	65	63	46	58	62	51	38	36	36	55	45	47	34	32	32	34	41	39	49.8
	Minimum	41	26	22	30	23	34	42	53	36	38	27	27	24	36	36	38	28	30	32	24	21	29	32	24	28	17	15	28	20	20	30	29.4
Dutton	Maximum	58	40	50	46	38	47	54	56	61	52	44	50	50	52	47	43	51	52	40	35	34	44	47	46	38	30	30	26	30	45	37	44.3
	Minimum	31	11	20	18	22	36	43	37	24	33	21	20	23	40	32	30	16	22	23	13	12	17	28	16	17	16	13	21	22	13	29	23.2
England	Maximum	59	46	40	41	49	51	60	61	57	54	45	48	57	52	44	50	50	..	48	44	30	37	46	47	36	31	28	31	31	37	36	44.9
	Minimum	39	24	24	28	22	39	50	54	39	38	25	28	25	35	38	25	29	..	30	23	27	28	30	26	27	16	14	25	24	18	28	29.3
Eureka Springs	Maximum	54	49	55	50	45	51	62	59	60	52	49	54	49	52	41	45	51	51	42	31	35	48	44	40	36	29	26	23	33	45	43	45.3
	Minimum	32	17	29	26	31	39	47	47	41	35	27	26	34	41	34	31	30	30	28	13	18	24	29	16	16	8	10	19	17	19	31	27.3
Fayetteville	Maximum	55	46	52	50	44	52	60	55	62	51	50	55	55	51	44	44	49	50	45	35	34	46	47	43	37	28	26	26	35	44	38	45.5
	Minimum	30	19	30	28	30	40	46	44	33	33	28	28	30	44	35	31	31	31	28	15	21	25	30	19	18	11	14	20	18	12	31	27.5
Fort Smith***	Maximum	52	47	54	47	41	48	57	53	59	55	42	52	61	53	42	48	52	52	46	34	35	51	47	44	37	35	26	30	29	35	35	45.1
	Minimum	33	28	33	33	34	40	47	41	34	38	33	31	33	40	39	35	29	34	30	22	25	30	33	26	19	18	20	25	15	15	33	30.5
Gravette.§§	Maximum	44	48	54	52	46	53	56	52	62	48	51	55	56	50	37	45	50	49	39	28	42	50	44	41	36	34	31	28	31	46	42	45.2
	Minimum	31	14	14	24	26	34	44	46	30	31	28	25	25	38	34	29	22	25	27	14	14	22	24	16	18	10	12	14	15	11	15	23.6
Harrison	Maximum	69	42	53	46	44	48	57	57	61	52	41	48	55	55	45	41	50	50	41	41	35	51	48	37	39	27	25	23	28	40	39	44.8
	Minimum	29	16	27	21	27	38	45	39	36	30	22	25	24	42	35	32	27	33	30	15	16	25	33	17	18	11	10	18	16	3	25	25.3
Helena	Maximum	56	46	41	49	56	58	60	64	66	57	45	47	56	59	56	45	56	59	48	36	33	35	49	43	43	32	34	32	33	40	37	47.5
	Minimum	41	20	24	29	25	42	53	53	36	41	27	30	25	39	31	31	26	31	33	21	18	27	29	23	28	13	14	25	22	16	29	29.1
Hope	Maximum	71	65	46	49	50	57	61	62	67	61	45	52	60	65	51	49	57	59	53	43	33	45	58	46	50	35	31	33	33	37	40	50.5
	Minimum	30	26	24	27	29	39	54	52	34	32	30	27	25	36	34	32	28	33	30	25	25	31	31	26	32	17	18	23	27	21	31	30.0
Hot Springs	Maximum	64	50	41	50	51	50	60	62	67	66	55	55	57	64	56	45	59	57	55	47	33	51	51	49	42	38	32	30	32	40	38	49.9
	Minimum	42	24	27	31	29	40	50	54	38	43	30	28	27	42	39	32	27	34	38	25	24	30	33	25	31	19	18	25	24	21	30	31.6
Jonesboro	Maximum	60	42	42	32	48	53	58	63	64	55	41	46	50	55	50	42	54	54	46	37	30	45	40	40	35	30	30	26	30	37	38	44.3
	Minimum	37	21	20	29	21	37	47	53	37	41	26	28	25	34	39	37	28	34	34	20	16	26	33	23	24	12	12	22	19	13	23	28.1
Lead Hill	Maximum	55	39	48	48	40	49	58	62	62	50	45	53	51	55	49	46	53	53	46	35	35	52	47	35	35	21	22	26	30	45	37	44.6
	Minimum	27	13	16	18	20	38	45	42	26	35	20	23	21	36	36	35	18	30	25	15	14	20	29	14	19	10	6	19	8	− 4	20	22.4
Little Rock.* **	Maximum	54	44	42	44	52	54	60	64	62	54	39	49	53	60	44	41	57	56	47	33	32	42	49	41	39	30	28	29	32	40	36	45.4
	Minimum	38	29	29	32	30	42	50	47	39	39	30	30	32	42	40	32	27	32	32	25	26	31	35	28	22	17	19	25	24	21	31	31.5
Lutherville	Maximum	62	48	51	48	40	46	56	56	59	55	47	53	52	55	48	45	51	52	46	40	33	45	49	45	37	31	28	26	27	40	35	45.4
	Minimum	39	20	35	30	28	37	44	43	34	39	28	26	30	40	38	34	26	30	32	19	21	28	33	22	28	12	15	18	19	12	28	28.6
Magnolia	Maximum	73	60	47	52	59	57	63	72	70	69	57	51	61	66	65	50	58	65	61	48	38	39	58	53	51	44	35	33	35	41	41	53.9
	Minimum	32	29	29	33	32	48	54	54	43	36	35	28	27	43	35	31	28	32	29	26	26	30	33	30	35	20	22	28	30	22	31	32.6
Mammoth Spring	Maximum	54	41	46	46	44	46	56	62	60	56	46	48	46	56	54	46	49	52	43	39	39	43	43	37	35	27	27	26	29	37	38	44.2
	Minimum	37	17	16	21	18	37	38	49	27	24	21	23	20	34	38	30	19	33	27	17	14	26	29	20	10	10	9	19	17	12	20	23.6
Marianna	Maximum	57	57	43	46	54	58	61	64	64	55	46	47	55	59	55	55	56	58	48	41	33	51	51	45	43	33	33	32	37	37	36	48.7
	Minimum	23	23	21	24	19	40	54	37	37	42	26	31	25	35	37	37	25	33	30	23	19	29	29	25	26	15	15	26	16	16	29	28.0
Marked Tree§§	Maximum	51	42	45	44	51	57	59	63	65	52	39	48	52	56	47	41	56	56	42	31	31	43	49	41	38	32	31	29	31	35	38	45.0
	Minimum	34	20	19	20	18	24	42	53	33	45	25	28	23	30	35	32	26	31	29	20	15	22	30	21	25	12	10	14	20	10	15	25.2
Marshall	Maximum	72	49	54	53	44	47	57	60	65	57	42	52	56	53	52	55	55	42	31	45	47	43	39	42	39	34	29	24	29	37	37	46.5
	Minimum	30	16	29	20	20	37	45	43	28	36	22	23	24	39	36	27	27	16	16	24	33	17	23	17	23	11	11	18	17	1	29	24.5
Mena	Maximum	56	45	45	48	40	46	57	59	63	54	39	54	57	57	46	46	55	58	46	36	31	50	48	49	41	36	27	29	35	41	35	46.1
	Minimum	23	23	27	29	30	39	46	43	33	34	30	26	27	41	37	31	27	33	32	20	25	31	33	25	25	16	16	24	23	18	30	28.9
Morrilton	Maximum	71	51	48	51	49	49	57	59	58	58	50	55	56	58	56	54	56	53	53	47	35	50	57	50	51	..	..	..	..	..	38	52.7
	Minimum	39	27	28	29	27	40	45	41	39	38	28	28	27	31	40	38	28	32	35	24	23	31	32	30	29	..	..	..	..	..	31	32.3
Mountain Home	Maximum	57	47	55	46	43	47	54	61	65	50	41	54	56	57	46	45	54	54	44	32	33	49	44	40	34	30	25	34	34	45	38	45.6
	Minimum	32	17	19	21	21	36	44	43	29	33	21	23	23	32	37	31	19	28	30	15	14	25	32	16	19	9	8	18	12	4	23	23.7
Mount Ida	Maximun.	63	50	47	50	46	47	58	64	66	58	48	57	58	63	54	46	58	60	50	44	34	53	53	48	43	38	32	30	32	40	36	49.2
	Minimum	30	16	18	19	23	41	46	47	26	30	19	22	19	43	38	32	17	22	21	22	17	30	27	16	30	16	10	24	24	12	28	25.3
Nail	Maximum	59	42	48	41	36	42	48	51	59	53	41	50	47	51	56	41	50	51	45	32	30	42	43	40	36	27	25	21	24	39	35	42.1
	Minimum	31	18	26	29	27	31	40	42	40	33	30	27	25	39	30	28	29	31	26	11	19	23	27	15	13	6	9	13	15	17	21	24.9
Newport	Maximum	67	45	42	44	48	47	56	68	63	58	44	46	54	58	54	44	56	55	50	41	30	47	47	42	37	32	29	28	32	40	40	46.6
	Minimum	37	22	21	26	19	39	45	54	33	43	25	28	24	37	42	39	22	29	27	21	16	29	31	24	26	13	13	23	20	12	25	27.9
Okay	Maximum	62	58	54	53	56	56	60	69	68	61	52	56	62	66	55	53	58	61	56	47	43	51	60	55	53	50	34	34	34	39	40	53.4
	Minimum	37	20	32	20	29	42	50	52	32	35	30	27	23	42	32	29	22	29	25	25	23	30	26	22	19	14	16	26	26	19	29	28.5
Ozark	Maximum	63	42	50	45	40	50	55	58	56	56	46	52	55	57	50	49	51	53	49	40	33	44	50	44	42	34	30	30	29	39	35	46.0
	Minimum	35	22	32	27	30	39	46	44	34	40	37	26	30	40	40	36	34	38	39	20	22	29	28	22	22	15	17	20	20	10	27	29.7
Pine Bluff	Maximum	65	47	43	49	58	57	61	69	67	59	49	48	59	63	55	45	58	62	51	43	35	38	56	45	46	34	31	32	32	42	39	49.6
	Minimum	43	28	27	31	27	42	51	52	38	42	31	30	26	40	37	36	28	35	34	25	23	30	30	29	31	19	18	27	25	20	32	31.8
Pocahontas	Maximum	65	45	41	44	44	47	54	68	64	56	44	50	54	55	55	43	55	54	51	40	30	44	46	43	36	31	27	28	30	35	39	45.7
	Minimum	34	18	20	25	22	35	43	50	31	41	22	25	25	33	40	36	23	25	32	17	13	25	31	22	22	10	8	19	15	0	18	25.2
Portland	Maximum	59	51	47	49	57	62	61	68	65	59	52	48	58	66	61	47	56	64	58	49	36	40	57	52	51	42	34	34	34	43	41	51.6
	Minimum	42	26	22	29	25	45	55	50	36	36	31	30	25	32	36	37	25	30	29	24	21	28	30	27	27	18	11	29	26	20	31	30.1
Prescott	Maximum	66	54	46	51	57	55	60	66	68	63	58	54	60	57	52	50	58	61	59	51	41	46	57	53	49	36	35	33	35	36	39	51.8
	Minimum	38	25	25	29	29	43	52	44	36	39	30	28	25	36	34	34	27	32	33	25	26	30	32	26	34	18	18	27	27	24	30	30.8
Searcy	Maximum	59	48	41	45	50	48	59	68	65	57	47	50	54	60	55	43	57	59	49	42	31	49	56	44	51	33	30	28	38	44	39	48.4
	Minimum	39	22	20	25	21	39	46	55	38	40	26	28	23	38	36	38	22	26	28	21	19	30	28	23	27	14	14	23	23	13	28	28.2
Stuttgart	Maximum	60	48	41	47	57	56	61	68	65	58	47	48	57	61	58	44	58	60	52	43	34	36	52	44	44	36	33	32	33	42	37	48.8
	Minimum	40	23	22	28	23	40	51	50	35	38	25	28	24	35	33	38	25	31	29	23	19	28	30	23	25	16	15	26	24	17	30	28.8
Subiaco	Maximum	60	48	50	47	42	48	56	57	56	57	51	54	59	57	52	46	52	52	48	42	32	46	50	45	38	33	32	28	32	37	36	46.5
	Minimum	38	23	28	31	28	37	45	45	32	40	29	27	29	40	39	36	29	35	32	20	24	29	34	23	27	18	19	21	19	9	26	29.4
Sunset	Maximum	64	55	51	46	38	47	51	56	64	50	42	56	49	49	40	43	49	50	42	30	27	42	41	46	35	26	20	23	28	45	34	43.2
	Minimum	28	18	29	27	31	36	44	44	40	30	32	29	36	39	30	27	30	31	25	10	18	23	27	16	15	6	14	15	15	17	29	26.2
Texarkana	Maximum	63	52	47	54	59	58	61	69	69	64	51	57	62	67	55	52	59	62	57	46	40	54	59	53	52	40	36	33	33	42	42	53.2
	Minimum	36	25	30	30	40	42	51	51	34	34	31	26	28	42	30	28	26	30	30	24	25	28	29	25	27	15	20	25	25	25	29	30.4
Thornburg	Maximum	58	50	47	50	51	47	59	62	64	56	43	46	57	62	50	45	57	55	48	40	33	50	50	45	39	33	27	28	32	45	37	47.3
	Minimum	31	14	21	23	..	38	41	49	29	34	16	22	20	41	37	34	19	25	29	20	14	28	31	17	23	15	9	21	21	8	28	25.3
Warren	Maximum	70	..	60	60	57	60	62	60	66	60	50	..	58	63	58	58	57	60	55	49	40	49	53	..	..	43	32	35	37	39	39	53.0
	Minimum	..	26	22	29	26	46	41	43	39	30	27	..	25	39	30	35	34	28	33	26	22	25	27	..	..	17	16	16	22	17	20	28.2
Wilson	Maximum	63	43	42	41	48	55	59	58	64	62	44	45	51	54	53	53	53	54	45	36	31	36	48	45	39	36	31	30	30	35	39	45.9
	Minimum	37	21	21	26	15	38	52	39	52	42	24	30	23	34	38	35	27	31	28	17	15	28	32	20	26	12	9	24	21	5	24	27.4
Wynne	Maximum	..	48	43	44	53	56	60	66	65	55	40	46	53	58	48	41	52	52	43	32	33	44	45	44	38	30	33	33	37	38	41	45.7
	Minimum	..	17	19	23	17	36	47	49	32	30	23	26	20	36	33	34	21	25	24	17	15	25	28	20	22	10	10	10	18	14	30	24.4

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. 1-27-36-12

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

VOL. XL LITTLE ROCK, ARK., YEAR, 1935 No. 13

PRICE: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

The salient features of the weather in Arkansas during the year 1935 were the cold waves in January, February, and December, the dust storms in April, and the floods in March, May and June.

Temperatures were above normal the first three months of the year and in July, August, and October, below in other months. Cold waves occurred in January and February but temperatures were not extremely low, sub-zero temperatures occurring only in January at stations in the northwestern portion. March was the warmest March since 1921 and the wettest since 1922. The most unusual feature of the weather in April was the large number of days with dust. The dust storm of the 11th was probably the worst ever experienced in the State. The sun was entirely obscured during most of the day and the visibility was reduced to about 1,200 feet in the early morning. The sun was not visible after 4 p. m. in the central part of the State. Both May and June were cool and wet, this being the coolest June since 1928 and the second wettest on record. High day temperatures prevailed the latter part of July and during the most of August but otherwise the summer was comparatively mild. Cool weather overspread the State the latter part of September and continued the first ten days of October. Frost occurred in central, northern, and eastern portions of the State on October 7th but vegetation was killed only in some northeastern, east-central, and mountainous sections. Temperatures were high for the season of the year the first part of November while the latter half was considerably colder with killing frosts occurring in most sections from the 21st to the 23d. December was cold, this being the coldest December since 1917 but the minimum of 4° below zero does not approach the record for the month.

The average temperature for the State was 61.4° which equals the mean for the past 45 years. Annual means ranged from 55.6° at Dutton in the Ozarks to 65.8° at Magnolia in a southern border county. Of the stations with records of 10 years or more, 21 had negative departures and 34 positive. Extremes ranged from 11° below zero at Deer in the Ozarks on January 21st to 113° at Hot Springs on August 10th.

The average precipitation for the State was 57.01 inches which is 8.66 inches above the mean for the past 45 years. Annual amounts ranged from 42.03 inches at Lead Hill to 85.31 inches at Lutherville. Of the stations with records of 10 years or more, 60 had positive departures and 18 negative. Precipitation was above normal in January, March, May, June, October, and November, below in other months with the least amounts in July and August. Snowfall was heavy in the southeastern portion and in southern border counties in January and in the west-central portion and the northern part of the State in December.

The last killing frost in spring occurred February 28th in most central and southeastern sections, March 7th to 17th elsewhere except at a few stations in southwestern and northwestern portions where it was April 13th. The first killing frost in autumn occurred October 7th in some north-central and northeastern portions, November 5th in most other sections of the Ozarks, and November 23d in most central and southern sections. The growing season ranged from 193 days at Blytheville and Marshall to 268 days at numerous other stations. Practically no damage was reported in spring but the early frost on October 7th damaged cotton, late corn, rice, and fall truck considerably in some east-central and northeastern localities.

In January heavy rains caused moderately high stages on the lower White, Black, and the St. Francis rivers and flood stages on the Petit Jean and Ouachita rivers, with damage of $17,295 reported. In March rainfall was excessive in the northern half of the State and more than 200,000 acres of land were inundated in the White, Black, and St. Francis river basins, this being the worst flood in that section since 1927. Damage was estimated at $961,600, with losses in the St. Francis basin being $676,100. In May flood stages were reached at most points on the rivers, with losses of $237,565 reported, 60% of which was in the Ouachita River basin. The heavy rainfall in the mountainous sections during June kept the rivers near or above flood stage during most of the month. The Arkansas river was flood stage or above for 22 days at Fort Smith and for 15 days at Little Rock. The stage of 28.2 feet at Little Rock is the highest June stage on record and the stage of 33.0 feet at Pine Bluff, 0.6 foot higher than that of 1927. Nearly all levees broke on the Arkansas River above Little Rock and all growing crops were destroyed. This was the worst flood in the State since 1927. Losses were over $2,000,000.

Fifteen tornadoes were reported during the year, three each in February, March, April, and May and one each in June, July, and December. The one in Mississippi County in May and the one at Texarkana in June were the most destructive, losses being $100,000 in each instance. During the year 7 persons were killed by tornadoes, 60 injured, and property valued at $365,200 destroyed.

Windstorms were not as violent as in the preceding year, losses being confined mostly to January, May, and June. Damage from hailstorms occurred mostly in April and June and in two storms. In April in Lonoke and Prairie counties $30,000 damage was done to buildings, crops, and automobiles. Hailstones as large as hen eggs were reported at a number of places and as large as baseballs at Lonoke. In southern Johnson County in June, $16,000 damage occurred to crops, fruit trees, and buildings. The total loss for the year from hail was $47,900.

T.A.M.

WEATHER BY MONTHS

January:—This is the fifth successive January with temperatures considerably above the average. Precipitation was 1.50 inches above the normal, with monthly totals ranging from 2.48 inches at Gravette to 12.51 inches at Helena. The weather the first half of the month was favorable for out-door activities while the latter half was mostly unfavorable, the temperature being too low and the soil too wet. Peaches were severely damaged in some localities by the cold wave of the 21st. The low of 11° below zero at Deer is the coldest in the State for January since 1930.

February:—Mild weather prevailed until the 24th when a cold wave overspread the State bringing temperatures as low as 8° to the western portion and 16° to the southeastern. Precipitation was somewhat below normal, only 7 stations reporting positive departures. Monthly totals ranged from 0.58 inch at Rogers to 5.23 inches at Warren. Considerable plowing was done in the northwestern portion during the month and in some upland sections elsewhere, but it was mostly too wet in the southern portion. However, spring oats, potatoes, and garden vegetables were planted in central and southern portions.

March:—Freezing temperatures occurred in nearly all sections the first half of the month and at a few stations in the northwestern portion on the 28th and 29th. Rainfall was heavy to excessive in many sections, causing floods in the White, Black, and St. Francis rivers. The average precipitation for the State was 8.29 inches which is 3.50 inches above the mean for the past 45 years. Monthly totals ranged from 1.85 inches at Magnolia to 16.35 inches at Lutherville. The weather was generally unfavorable for farm work in northern and west-central portions, mostly favorable in the southern where rainfall was near normal or below. Considerable corn was planted in southeastern counties about the close of the month and a small amount of cotton. The weather was also favorable for the growth of all vegetation, very little frost damage occurring during the month. Three tornadoes were reported in which four people were injured and property valued at $22,500 destroyed.

April:—Temperatures were freezing or slightly lower in some northern and western portions on the 8th or 13th but damage to vegetation was small. The average precipitation for the State was 4.37 inches which is 0.52 inch below the normal. Monthly totals ranged from 1.47 inches at Cotter to 8.56 inches at Danville. The distribution of rainfall was reversed to that of March in that the southern portion of the State received the heaviest rainfall and the northern portion the least. The most unusual feature of the weather was the large number of days with dust, the dust storm of the 11th being probably the worst ever experienced in the State. Conditions were mostly unfavorable for farm work and the growth of cotton and corn, some of which had to be replanted. Tornadoes and hailstorms did considerable damage, the loss being $18,000 from the former and $30,500 from the latter.

May:—This was the wettest May since 1930 and the coolest since 1931. The average precipitation was 8.86 inches which is 3.79 inches above normal. Monthly amounts ranged from 3.05 inches at Portland to 16.10 inches at Conway. The heavy to excessive rainfall and the low temperatures were unfavorable for cotton in most sections. Planting was not completed in some northern localities even at the close of the month and much replanting was necessary in central and northern portions. Conditions were more favorable for corn but stands were poor and cultivation badly needed in northern and western portions. During the month 4 people were killed by tornadoes, 23 injured, and property valued at $132,700 destroyed. The loss from windstorms was $21,800.

June:—The average temperature for the State was 2.8° below normal, while precipitation was heavy to excessive in most sections except in the southeastern portion and in southern border counties where it was less than normal. Monthly totals ranged from 2.67 inches at Portland to 18.85 inches at Dutton. Four other stations had monthly totals exceeding 16.00 inches and a number more than 10.00 inches. Flood damage was over $2,000,000. The high water coming so late in the season destroyed cotton which could not be replanted with much assurance of a crop. Along the White and Black rivers the damage was not so great as in the Arkansas basin but considerable land was idle in the lower White basin because of the high water. A tornado struck Texarkana and vicinity on the 21st in which 3 people were killed, 15 injured, and property valued at $100,000 destroyed. A severe windstorm, approaching a tornado, was general over Benton County on the 17th, doing several thousand dollars damage.

July:—Temperatures were above normal in the northwestern portion of the State during the month except for four or five days, while they were not quite so high in central and eastern portions. The average precipitation was 2.31 inches which is 1.47 inches below normal. Monthly totals ranged from 0.07 inch at Marianna to 5.93 inches at Wilson. The distribution was irregular, some sections receiving no rain after the 13th and in one instance none after the 3d. The weather was mostly favorable for cotton but too hot and dry for corn the latter half of the month, especially in areas of light rainfall. The greater portion of the cotton crop is late except in some southern counties and some cotton was planted in the overflowed areas after the high water subsided.

August:—Although the average temperature for the State was not quite so high as that of the preceding month, maximum temperatures were higher in all sections. Temperatures were above normal in western and central portions except for three or four days until the 27th, while departures were not quite so marked in eastern sections. Only a few widely scattered showers occurred during the first 11 days of the month but from the 12th to the 17th most sections had moderate to heavy rainfall. Monthly totals ranged from 0.18 inch at Helena to 5.43 inches at Jessieville, with only 9 stations having positive departures. The weather was too dry for late corn except in some localities where heavy showers occurred and the crop was seriously damaged. Rice was in good condition but the planting of late truck was delayed because of the lack of moisture.

September:—The average temperature was 1.9° below normal while precipitation was only 0.24 inch below. Monthly totals ranged from 0.84 inch at Danville to 7.43 inches at Conway. The northwestern portion of the State had the least rainfall, while the heaviest occurred in northeastern, central, and southwestern portions. It was too dry in the uplands for cotton but mostly favorable in the lowlands. Cool nights the first part of the month caused some shedding and leafworms did considerable damage in many localities. Poisoning was difficult because of the lack of dew. The moderate to heavy rains from the 26th to the 28th were favorable for the development of the top crop of cotton in the lowlands but in the uplands the plants had already nearly quit blooming or were blooming in the top. It was too dry for corn in most portions and the late crop was badly damaged except in some localities. Apples, tomatoes, meadows, pastures, and truck were also damaged and it was too dry for planting of fall truck until the rains the last of the month. Picking of cotton began in the southern portion in August and by the latter part of September the crop was nearly picked in some southern localities, and about half picked in some localities in the central portion.

October:—Temperature and precipitation were both above normal, this being the wettest October since 1926. Showers occurred during the first half of the month but from the 18th to the 28th general rains fell in nearly all sections with only a few days intervening. Rainfall was excessively heavy in Cross, St. Francis, and Crittenden counties on the 23d, Parkin reporting 6.30 inches. The weather the first of the month was favorable for picking cotton but it was too cool for the growth of the late crop. The frost and freezing temperatures on the 7th did considerable damage to cotton and late corn in northeastern and east-central portions. Cotton picking was delayed the latter half of the month and the heavy rains did considerable damage to open cotton.

November:—The average temperature was 1.7° below normal with only 8 stations having positive departures. Rainfall was frequent the first 12 days of the month but thereafter, except for a few scattered showers, fair weather prevailed until the rainy period from the 25th to the 28th. Monthly totals ranged from 1.59 inches at Newport to 8.14 inches at Hope. The weather the first half of the month was very unfavorable for cotton. Late bolls opened slowly, picking was delayed, and open cotton was damaged. The latter half was much more favorable and the picking of cotton was about finished except in the eastern lowlands. Some late corn was damaged by the freezing temperatures from the 21st to the 23d but the most of it had nearly matured.

December:—Temperatures were considerably below normal in central and eastern portions during the first week of the month and nearly continuously below the latter half with departures as much as 22° below normal in the extreme eastern portion on the 26th. Precipitation was 1.31 inches below normal with

Continued on page 55

Climatological Data for Year, 1935

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	500	35	62.5	110	Aug. 8†	...	...	40	58.02	8.50	June	0.50	July	T.	...	...	...	...	...
Arkadelphia	Clark	200	...	...	...	...	...	...	40	56.50	7.31	April	0.62	Aug.	1.5	100	153	66	146	ne.
Arkansas City	Desha	145	...	...	...	...	...	...	51	48.30	8.90	Jan.	1.03	Aug.	6.9	83	207	29	129	...
Batesville	Independence	277	29	59.0	103	Aug. 7†	0	Dec. 30	36	51.11	11.09	May	0.76	Feb.	3.8	113	176	66	123	se.
Bee Branch	Van Buren	700	42	61.2	105	Aug. 7†	6	Jan. 22	43	67.48	13.18	May	0.95	Aug.	6.0	96	125	125	115	s.
Bentonville	Benton	1303	30	57.6	105	Aug. 9	−1	Jan. 21	30	55.29	10.95	Mar.	1.09	Feb.	1.5	118	85	125	155	s.
Big Lake Outlet‡‡	Mississippi	239	...	...	...	...	...	...	5	44.00	8.60	Mar.	0.27	Aug.	2.0	88	180	58	127	...
Black Rock	Lawrence	259	...	...	...	...	...	...	34	55.77	12.25	Mar.	0.89	Aug.	3.3	117	209	21	135	s.
Blytheville	Mississippi	252	10	59.9	100	July 31†	5	Dec. 30	10	47.22	8.76	Mar.	0.50	Aug.	3.3	104	200	63	102	s.
Booneville	Logan	465	20	62.3	110	Aug. 8†	6	Dec. 30	21	67.74	11.87	Mar.	1.60	Feb.	3.5	107	113	143	109	e.
Brinkley	Monroe	205	48	62.6	106	Aug. 11	11	Jan. 22†	48	53.86	7.35	Mar.	1.11	Dec.	5.7	86	198[a]	60[a]	106[a]	ne.
Calico Rock	Izard	361	21	59.8	105	Aug. 7†	2	Dec. 30	31	53.93	11.73	Mar.	0.63	Aug.	5.3	105	152	70	143	s.
Camden	Ouachita	116	44	64.1	108	Aug. 9†	10	Jan. 23	50	48.92	7.83	May	0.86	Aug.	4.3	83	143	72	150	se.
Carthage	Dallas	297	4	62.2	105	Aug. 10	14	Jan. 22	30	51.88	8.66	May	0.73	July	4.5	74	124	175	66	s.
Center Point	Howard	591	32	62.9	107	Aug. 8†	8	Jan. 22	36	55.61	8.56	May	2.05	Aug.	T.	88	160[c]	82[c]	120[c]	s.
Clarendon	Monroe	172	...	...	...	...	...	...	31	46.92	8.57	Jan.	0.28	Aug.	4.0	102	134	53	178	n.
Clinton	Van Buren	516	...	...	...	...	...	...	14	69.46	14.25	Mar.	0.81	Aug.	3.8	103	117	144	104	n.
Conway	Faulkner	309	39	63.4	107	Aug. 11	9	Jan. 22	52	73.07	16.10	May	1.06	July	4.1	95	188	85	92	s.
Corning	Clay	293	35	59.8	105	Aug. 11	−1	Dec. 30	42	55.35	13.98	Mar.	0.88	Aug.	8.0	96	167	49	149	s.
Cotter	Baxter	440	...	...	...	...	...	...	8	50.89	10.56	Mar.	0.94	Aug.	6.2	85	161	74	130	...
Crossett	Ashley	175	12	64.5	104[a]	Aug. 8†	12	Jan. 22	23	48.76	*7.65	April	1.66	Aug.	6.8	..	...	...	...	...
Danville	Yell	327	...	...	...	...	...	...	19	67.95	13.56	Mar.	0.84	Sept.	2.7	98	132	91	142	...
Dardanelle	Yell	330	26	62.6	105	Aug. 7†	9	Jan. 22	49	75.98	14.96	Mar.	1.15	Sept.	1.8	99	80	160	125	s.
Deer	Newton	2200	2	56.3	103[b]	Aug. 11	−11[d]	Jan. 22	2	50.40	10.35	Mar.	0.30	Aug.	...	..	...	...	...	...
Dumas	Desha	162	21	64.7	108	Aug. 8	14	Jan 22	30	47.71	8.70	Jan.	0.53	Aug.	7.5	96	118	132	115	s.
Dutton	Madison	1590	32	55.6	104	Aug. 8	−3	Jan. 22	33	72.80	18.85	June	1.21	Feb.	11.0	..	...	...	...	s.
El Dorado	Union	270	31	65.6	107	Aug. 11	...	...	35	46.42	7.25	April	0.73	Aug.	...	..	...	...	...	...
England	Lonoke	229	28	62.5	104[a]	Aug. 11	12	Jan. 21†	29	52.30	10.28	May	1.45	Dec	2.8	95	192[c]	60[c]	99[c]	s.
Eureka Springs	Carroll	1465	34	58.7	106	Aug. 8	−1	Jan. 21	35	62.89	14.82	Mar.	0.89	July	2.5	111	152	94	119	sw.
Fayetteville	Washington	1451	44	59.0	106	Aug. 8†	−1	Jan. 21	48	58.47	13.04	June	0.63	July	3.7	129	128	129	108	sw.
Fort Smith	Sebastian	457	54	61.7	108	Aug. 11	6	Feb. 21	54	49.37	10.42	June	0.70	Feb.	6.0	97	100	136	129	e.
Freeman Springs‡‡	Pope	2240	...	...	...	...	...	...	11	69.34	14.66	Mar.	1.38	Feb.	6.5	103	181	68	116	sw.
Fulton	Hempstead	260	...	...	...	...	...	...	50	57.15	8.83	Jan.	1.04	Aug.	3.0	83	151	60	154	...
Georgetown	White	200	...	...	...	...	...	...	23	51.80	9.36	May	0.39	Aug.	2.3	94	195	48	122	...
Grannis	Polk	900	15	61.0	110	Aug. 8	6	Jan. 22	16	73.02	13.07	June	2.68	July	0.7	120	162	90	113	se.
Gravette	Benton	1250	37	57.9	107	Aug. 9	−2	Jan. 21	38	63.98	16.04	June	0.43	July	2.0	98	165	98	102	s.
Harrison	Boone	1052	34	58.6	106	Aug. 7	2	Jan. 22	35	52.60	15.22	June	0.90	July	5.0	110	191[b]	59[b]	113[b]	sw.
Helena	Phillips	300	37	62.7	108	Aug. 7†	13	Jan. 21†	63	52.60	12.51	Jan.	0.18	Aug.	6.2	83	130	84	151	ne.
Higden	Cleburne	445	...	...	...	...	...	...	16	65.28	14.24	May	1.28	Aug.	6.0	73	192	58	115	n.
Highland	Pike	491	6	64.0	109	Aug. 8†	10	Jan. 22	16	51.03	9.20	May	1.93	Feb.	0.1	74	46	231	88	s.
Hope	Hempstead	354	29	64.6	109	Aug. 10	14	Jan. 22	65	53.57	8.53	May	0.49	July	3.0	91	184[v]	60[v]	99[v]	...
Hot Springs	Garland	600	38	64.5	113	Aug. 10	10	Jan. 22	44	60.16	10.58	May	0.42	July	0.5	104	81	195	89	s.
Index‡‡	Little River	275	...	...	...	...	...	...	18	49.53	5.85	May	1.91	Aug.	5.0	92	181	18	166	...
Jessieville	Garland	750	...	...	...	...	...	...	9	64.49	10.67	June	1.55	July	4.7	86	83	154	128	sw.
Jonesboro	Craighead	345	39	60.8	103	Aug. 7†	8	Jan. 22†	40	49.35	8.71	Mar.	0.33	Aug.	3.4	107	175	93	97	ne.
Lead Hill	Boone	660	18	58.2	111	Aug. 7	−4	Dec. 30	29	42.03	9.05	Mar.	0.90	Aug.	4.0	101	179	71	115	s.
LITTLE ROCK	Pulaski	357	56	61.9	103	Aug. 7	10	Jan. 22	56	49.74	10.34	May	1.87	Dec.	1.3	117	111	106	148	e.
Lutherville‡‡	Johnson	775	37	60.8	109	Aug. 10	5	Jan. 22	36	85.31	16.89	June	1.84	Aug.	6.4	109	151	76	138	sw.
Madison	St. Francis	209	...	...	...	...	...	...	5	62.49	10.69	Oct.	1.03	Dec.	5.0	89	160	12	193	...
Magnolia	Columbia	315	16	65.8	104	Aug. 9†	9	Jan 22	19	45.24	6.44	May	0.80	Aug.	5.0	62	77[e]	199[e]	84[e]	s.
Mammoth Spring	Fulton	600	30	58.3	100	Aug. 7	5	Jan. 22	31	66.30	13.50	Mar.	0.95	Aug.	3.9	95	156	98	111	se.
Marianna	Lee	235	23	62.7	104	Aug. 7	14	Jan. 21†	24	42.39	8.35	Jan.	0.07	July	6.5	77	171	123	71	s.
Marked Tree	Poinsett	229	19	60.0	102	Aug. 7	10	Jan. 24†	31	52.74	8.67	Mar.	1.43	Dec.	1.9	94	140	135	90	n
Marshall	Searcy	1070	20	59.0	103	Aug. 6†	1	Jan. 22†	21	57.74	11.26	Mar.	1.17	Feb.	6.0	105	155	76	134	s.
Mena	Polk	1207	43	61.4	108	Aug. 7†	6	Jan. 21†	47	61.56	12.30	May	0.36	July	T.	104	127	78	160	sw.
Morrilton	Conway	347	13	61.8	105	Aug. 7	10	Jan. 22	16	64.00	10.90	May	1.87	Feb.	2.4	86	153	94	111	se
Mountain Home	Baxter	800	18	58.8	106	Aug. 11	2	Jan. 22	23	52.17	10.27	Mar.	0.52	Aug.	5.0	..	...	...	...	...
Mount Ida	Montgomery	650	20	60.8	108	Aug. 8	8	Jan. 22	36	66.01	11.62	May	2.61	Feb.	0.5	92	159	69	137	e.
Newport	Jackson	231	47	61.0	103	Aug. 7†	9[b]	Jan. 22	52	51.72	9.77	Mar.	1.33	Dec.	1.6	101	149	109	107	n.
Norman	Montgomery	750	...	...	...	...	...	...	7	69.41	11.11	May	2.57	July	0.5	..	...	...	...	...
Oden	Montgomery	800	...	...	...	...	...	...	9	54.31	10.60	May	0.69	July	0.2	85	117	87	161	se.
Okay	Howard	288	7	64.0	107	Aug. 10	10	Jan. 22	7	45.55	9.11	May	1.41	Aug.	1.0	85	183	84	98	s
Osceola	Mississippi	240	32	61.7	104	Aug. 9	...	...	39	50.42	8.70	June	0.38	Aug.	...	..	...	...	...	...
Ozark	Franklin	396	38	61.4	109	Aug. 7	7	Jan. 22	40	63.54	14.39	June	1.05	Feb.†	6.7	103	177	35	153	e.
Paragould	Greene	275	...	...	...	...	...	...	12	52.10	9.80	Mar.	1.62	July	3.0	82	185	69	111	ne.
Parkin	Cross	222	...	...	...	...	...	...	5	55.28	9.07	Oct.	1.02	Dec.	1.6	71	158	42	165	...
Patterson	Woodruff	204	...	...	...	...	...	...	19	48.03	7.91	May	0.40	Aug.	1.1	73	187	81	97	sw.
Piggott	Clay	297	...	...	...	...	...	...	11	54.36	14.42	Mar.	1.77	Aug.	...	..	...	...	...	...
Pine Bluff	Jefferson	215	47	64.3	106	Aug. 11	14	Jan. 21†	48	47.14	10.04	Jan.	0.82	Aug.	3.5	90	128	130	107	sw.
Pocahontas	Randolph	309	41	59.8	100	July 30†	0	Dec. 30	42	63.59	13.87	Mar.	0.81	Aug.	7.0	111	127	77	161	ne
Portland	Ashley	122	29	64.4	105	Aug. 8	11	Dec. 27	29	42.99	7.86	April	0.89	Aug.	10.5	77	145	118	102	sw.
Prescott	Nevada	318	46	64.8	108	Aug. 8	12	Jan. 22	47	53.88	8.10	Jan.	0.20	Aug.	2.5	97	140	95	130	s.
Rogers (near)	Benton	1300	42	58.5	107	Aug. 9†	−1	Jan. 21	45	55.60	12.31	Mar.	0.58	Feb.	3.1	98	163	75	127	s.
Rosebud ‡‡	Faulkner	600	...	...	...	...	...	...	1	65.40	11.95	June	1.02	Aug.	2.5	78	117	142	106	s.
St. Francis	Clay	290	...	...	...	...	...	...	8	57.54	14.07	Mar.	2.04	Dec.	3.5	97	190	55	120	..
Searcy	White	245	22	61.8	105	Aug. 7	9	Jan. 22	25	58.41	9.66	May	1.52	Aug.	2.3	108	205	34	126	ne.
Springbank	Miller	240	...	...	...	...	...	...	26	48.64	9.36	May	0.88	Aug.	4.0	..	...	...	...	...
Story	Montgomery	650	...	...	...	...	...	Jan. 22	11	59.68	10.70	May	1.46	Sept.	0.7	81	183	73	109	s.
Stuttgart	Arkansas	209	45	63.0	105	Aug. 7†	12	Jan. 22	48	54.06	10.22	Jan.	0.88	Dec.	2.6	75	184	79	102	sw.
Subiaco	Logan	750	38	62.2	110	Aug. 8†	8	Jan. 22	38	63.12	11.43	Mar.	0.45	July	6.4	104	152	104	109	se.
Sunset	Washington	2250	4	57.2	103	Aug. 9	−4	Jan. 22	4	61.11	17.82	June	0.94	Feb.	4.2	125	150	121	94	sw.
Texarkana	Miller	332	49	63.9	109	Aug. 8†	9	Jan 22	50	51.59	8.12	Jan.	0.63	Aug.	2.0	76	169	84	112	s.
Thornburg	Perry	650	13	60.0	108	Aug. 10	8	Jan. 22†	15	68.77	13.90	May	2.06	Feb.	1.2	104	155[c]	99[c]	108[c]	s.
Waldron	Scott	675	...	...	...	...	...	...	16	70.78	16.06	June	0.81	July	2.1	98	94	102	169	se.
Warren	Bradley	206	39	65.5	109	Aug. 7†	13[a]	Jan. 22	41	48.96	7.71	Jan.	0.80	July	10.5	..	...	...	...	...
Waters	Montgomery	840	...	...	...	...	...	...	11	65.47	12.02	May	1.51	July	1.0	91	132	100	133	sw.
Whitecliffs	Little River	290	...	...	...	...	...	...	29	55.14	9.73	May	2.15	July	0.0	61	190	25	150	...
Wilson	Mississippi	237	10	60.3	98	Aug. 17	5	Dec. 30	10	54.72	7.95	Mar	1.25	Dec.	4.0	87	218	27	120	s.
Wynne	Cross	250	27	60.4	105	Aug. 7†	9	Jan. 22	27	54.36	8.01	Oct.	1.16	Dec.	3.9	77	140[f]	113[f]	106[f]	s.
Yancopin	Desha	167	...	...	...	...	...	...	11	46.44	8.00	Jan.	0.24	Aug.	6.3	94	151	61	153	...

The departures from normal temperature and precipitation are computed only for stations having ten or more years record, but all complete reports are used in determining section means. T., less than 0.01 inch rain or melted snow. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: for example [b] represents two days missing. † Also on later dates. ‡‡ Post-office addresses of these stations as follows:-Big Lake Outlet, Manilla, Ark., Freeman Springs, Dover Ark., Index, Route 5, Texarkana, Ark., Lutherville, R. F. D. No. 1, Lamar, Ark., Rosebud, Mount Vernon, Route 2.

Monthly and Annual Mean Temperatures for the Year 1935, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	43.7*	+0.5	45.2	+0.6	58.8	+4.2	62.2	+0.4	66.9	-2.4	75.0	-2.1	83.2	+2.5	83.4	+3.0	74.4	-0.2	65.4	+2.2	52.4[a]	0.0	39.0[a]	-4.0	62.5	+0.4
Batesville	38.4	+0.5	42.0	+1.2	55.4[a]	+4.6	57.6	-1.4	65.8	-1.4	72.8	-2.4	80.3	+0.7	79.5	+0.4	70.5	-2.1	61.9	+1.3	48.6	-0.6	34.8	-5.4	59.0	-0.4
Bee Branch	43.0	+2.5	45.4	+3.0	57.9	+6.1	59.2	-1.8	66.4	-1.9	73.7	-3.0	82.0	+1.6	81.8	+2.2	73.0	-1.2	63.8	+1.5	49.6	-1.1	38.4	-3.6	61.2	+0.4
Bentonville	39.3	+3.1	41.2	+1.6	54.1	+5.7	55.1	-2.5	62.5	-2.5	70.4	-3.0	81.0	+3.6	80.2	+3.4	68.6	-2.2	58.8	-0.1	44.8	-3.4	35.4	-2.6	57.6	+0.1
Blytheville	41.4	-0.6	44.2	-1.0	57.6	+6.0	57.9	-3.7	66.5[b]	-3.7	75.0[b]	-2.8	82.9	+0.9	79.9	+0.3	69.9	-4.5	61.0	-2.4	48.0	-3.4	34.4[a]	-8.2	59.9	-1.9
Booneville	48.2	+5.0	46.3	+0.3	59.6	+5.9	61.0	-1.2	67.0	-3.0	74.7	-2.7	83.3	+2.0	83.8	+1.8	73.8	-1.8	65.0	+1.6	49.7	-2.8	38.4	-5.4	62.3	0.0
Brinkley	45.0	+3.2	46.4	+2.6	61.2[a]	+7.8	61.0	-1.0	68.3	-1.7	76.3	-1.5	83.2	+2.2	82.6	+2.2	73.0	-1.8	64.2	+1.8	51.7	0.0	38.4	-5.2	62.6	+0.7
Calico Rock	38.7	+2.9	41.8[g]	0.0	56.6	+8.3	58.3	-0.9	65.4	-1.4	73.6	-2.2	82.0	+2.1	82.2	+3.2	72.8	+0.4	62.4	+2.0	48.4	+1.4	25.8	-3.3	59.8	+1.0
Camden	47.0*	+2.6	46.6[c]	-0.6	59.6[a]	+4.2	63.8[b]	+0.4	69.0*	-1.9	77.5[b]	-0.7	84.0	+3.0	83.6	+3.2	74.8*	-0.6	67.4[b]	+3.7	54.2	+2.2	41.4	-3.6	64.1	+1.0
Carthage	43.0	.....	45.0	.....	59.2[a]	.....	62.1	.....	68.0	.....	76.3	.....	82.4	.....	82.0	.....	73.3	.....	64.6	.....	51.6	.....	38.8	.....	62.2	.....
Center Point	46.5	+1.9	47.1	+0.1	60.4	+4.2	62.7	-0.5	66.8	-4.0	75.6	-3.0	81.8	+0.3	83.2	+1.0	73.4[c]	-3.5	66.0	+0.7	51.8	-2.4	39.9	-5.0	62.9	-0.9
Conway	45.8	+4.1	49.0	+5.0	61.0	+7.2	62.1	+0.1	68.6	-1.3	75.8	-2.3	83.6	+2.0	83.6	+2.2	74.9	-0.1	65.4	+2.2	51.2	-0.5	39.2	-3.3	63.4	+1.3
Cornerstone	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82.7	.....	72.8	.....	65.2	.....	52.9	.....	.....	.....	.....	.....
Corning	40.5	+3.1	43.8	+4.3	57.4	+6.4	57.6	-2.4	66.2	-1.8	73.6	-2.1	82.8	+3.6	81.2	+2.9	71.2	-1.2	61.6	+1.9	48.4	+0.1	33.4	-6.4	59.8	+0.7
Crossett	47.2	+1.2	49.5	-0.3	62.6	+7.7	64.1*	-0.6	71.0*	-0.7	77.1[g]	-2.2	81.8	-0.6	82.0[a]	+0.4	75.2	-0.3	67.4	+2.2	54.4	+0.6	41.3	-5.9	64.5	+0.2
Dardanelle	44.2	+3.7	47.4	+2.6	60.0	+7.4	61.4	-1.2	68.0	-1.9	75.4	-2.9	83.6	+1.9	82.8	+2.0	73.8	-1.0	65.0	+1.8	50.2	-1.6	39.6[b]	-3.2	62.6	+0.6
Deer	38.5[d]	.....	40.0[d]	.....	54.0[f]	.....	55.1[h]	.....	58.8[b]	.....	67.6[j]	.....	78.6[l]	.....	78.2[h]	.....	68.8[a]	.....	58.7*	.....	4.33*	.....	32.5*	.....	56.3	.....
Dumas	48.3	+4.7	50.2	+1.1	62.5[e]	+6.9	63.6	+0.1	70.8	-0.4	78.5	-0.5	84.1	+2.3	83.8	+2.7	74.2	-1.7	67.5	+2.7	53.2	-0.2	39.6	-7.0	64.7	+0.9
Dutton	39.6	+4.2	40.8	+1.4	52.5	+6.3	55.6*	-1.4	60.0	-3.0	67.0	-4.6	75.8	+0.6	76.0	+1.4	65.4	-3.1	57.2	+0.8	44.4	-2.2	33.8	-3.4	55.6	-0.2
El Dorado	48.2*	+2.4	49.2*	+0.6	62.3*	+5.9	64.4	+0.1	71.8	+0.1	78.8	-0.6	84.0	+2.0	84.4	+2.6	76.0	-0.8	69.8	+4.4	56.6[d]	+1.8	42.4	-4.0	65.6	+1.2
England	45.2	+2.8	47.5	+0.3	59.6[d]	+6.0	61.5[a]	-1.3	68.2[b]	-1.8	75.8	-2.4	82.3	+1.0	82.2[a]	+1.6	74.0[c]	-1.0	65.2[a]	+1.4	51.6[a]	-1.5	37.1[a]	-6.9	62.5	-0.2
Eureka Springs	41.4	+3.7	43.0	+2.2	55.5	+5.1	56.6	-2.4	63.1	-3.4	70.0	-4.0	80.8	+2.8	81.2	+2.9	70.2	-1.7	60.4	-0.1	46.4	-4.6	36.3	-3.3	58.7	-0.3
Fayetteville	42.0	+4.2	43.2	+3.2	55.6	+6.0	56.7	-1.8	63.8	-2.5	70.8	-3.4	80.9	+2.9	81.7	+3.7	69.1	-3.1	60.8	0.0	46.9	-2.5	36.5	-3.1	59.0	+0.3
Fort Smith	42.5	+3.0	45.0	+2.2	58.4	+5.8	59.8	-2.0	66.6	-3.0	75.0	-2.5	85.0	+3.5	84.6	+4.1	73.7	-0.3	63.8	+1.0	48.2	-2.8	37.8	-4.3	61.7	+0.4
Grannis	44.7	+4.1	45.8	+0.2	57.6	+5.9	60.4	-0.1	65.8	-1.2	73.8	-1.2	80.4	+1.6	80.7	+1.5	71.7	-1.8	64.0	+1.8	48.9	-2.1	38.3	-6.5	61.0	+0.2
Gravette	40.6	+4.2	42.0	+3.4	54.6	+8.8	56.2	-1.0	63.0	-2.3	69.7[a]	-3.7	81.6	+4.4	80.9	+3.5	68.8	-1.8	59.4	-0.1	43.6	-5.4	34.4	-3.5	57.9	+1.5
Harrison	40.8	+4.6	43.0	+4.4	56.0	+7.3	56.8	-0.5	63.8	-1.9	71.0	-2.0	81.0	+4.2	80.2	+3.7	68.8	-1.2	59.6	+0.4	46.8	-1.8	35.0	-2.8	58.6	+1.2
Helena	45.5	+2.9	46.8	+2.0	60.6	+6.8	61.0	-1.8	69.0	-1.8	75.4	-2.9	82.2	+0.6	82.3	+1.7	73.4	-1.9	65.6	+2.3	51.8	-1.0	38.3	-6.2	62.7	+0.1
Highland	48.4	.....	48.8	.....	60.6	.....	63.2	.....	67.6	.....	75.8	.....	83.0	.....	84.2	.....	74.9	.....	67.6	.....	52.3	.....	41.4[g]	.....	64.0	.....
Hope	48.6	+3.4	49.9	+1.6	63.4	+6.4	64.5	+0.6	69.7	-1.4	77.4[c]	-1.4	84.5	+3.1	84.5	+2.3	73.4[f]	-3.1	66.8[c]	+1.0	51.8[c]	-2.6	40.2	-6.8	64.6	+0.3
Hot Springs	47.0	+4.0	49.6	+2.8	61.2	+7.4	63.2	+0.4	69.2	-0.4	76.8	-1.0	85.0	+3.5	85.8	+5.1	76.1	+0.7	67.0	+3.0	52.4	0.0	40.8	-3.2	64.5	+1.9
Jonesboro	39.8	-0.2	43.6	+1.6	57.2	+4.8	58.6	-2.7	67.6	-1.9	74.6	-2.9	83.0	+2.6	82.0	+2.0	73.3	-1.1	64.3[b]	+1.9	49.8	-1.4	36.2	-5.1	60.8	-0.2
Lead Hill	39.2	+1.9	42.2	+5.2	55.2	+6.0	56.6	-3.2	68.4	-4.4	71.5	-3.4	80.8	+1.4	80.4	+1.8	69.1	-3.1	60.2	-0.4	46.4	-1.6	33.5	-6.3	58.2	-0.5
LITTLE ROCK	43.4	+2.0	46.4	+1.5	59.6	+6.6	60.2	-1.9	67.0	-3.3	75.5	-1.9	82.3	+1.4	82.2	+2.4	73.8	-0.3	64.3	+0.7	49.8	-2.3	38.4	-5.8	61.9	-0.1
Lutherville	43.0	+3.2	44.4	+2.5	57.4	+5.6	58.6	-1.6	65.6	-2.4	72.8	-3.0	82.2	+2.6	83.4	+4.0	74.3	+0.5	63.6	+1.6	47.6	-3.2	37.0	-4.2	60.8	+0.4
Magnolia	50.4	+4.1	51.4[a]	0.0	64.7	+7.7	64.6	+0.2	70.6	-0.7	78.4	-0.6	83.0	+0.9	83.4	+1.2	75.4	-0.6	69.5	+3.3	55.4[d]	+1.2	43.2	-5.2	65.8	+0.9
Mammoth Spring	40.1	+3.1	43.2	+3.4	56.3	+6.3	56.4	-2.8	64.0	-1.0	70.9	-3.3	79.7	+1.5	78.6	+1.2	68.7	-2.7	60.6	+1.7	46.9	-1.5	33.9	-5.3	58.3	+0.1
Marianna	44.8	+3.6	47.3	+2.0	61.0	+7.0	61.6	-0.5	69.4	-0.8	76.8	-1.5	83.6	+2.8	82.4	+2.6	72.4	-1.4	63.6	+0.3	50.8[a]	-1.2	38.4	-4.8	62.7	+0.7
Marked Tree	40.0	+1.7	43.6	0.0	56.9	+5.8	59.3	-0.3	67.7	-1.3	78.8	-4.2	82.2	+1.4	80.5	+1.5	70.8[a]	-3.8	61.6	+0.6	48.4[a]	-0.4	35.1	-6.1	60.0	-0.5
Marshall	40.6	+1.7	43.2	-0.6	55.9	+4.1	57.6[d]	-3.2	64.6	-2.6	72.0	-3.5	79.6	+0.7	78.8	+5.2	70.4	-1.8	62.2	+0.4	47.6	-3.4	35.5	-6.8	59.0	-0.8
Mena	44.8	+3.6	46.2	+2.2	58.2	+5.8	60.9	-0.7	65.6	-3.0	74.2	-2.2	81.6	+1.7	82.7	+2.9	71.8	-2.2	63.7	+0.9	49.6	-2.6	37.5	-5.1	61.4	+0.1
Morrilton	41.7	+1.1	44.0[f]	-2.6	56.6	+6.0	59.0	-3.6	66.8[b]	-2.2	75.6	-3.0	83.5	+0.7	82.5	+0.9	73.0	-2.4	64.0	+0.5	51.8[c]	+1.0	42.5[e]	-1.5	61.8	-0.4
Mountain Home	40.4	+4.2	44.0	+1.8	55.8	+5.1	56.5[a]	-2.3	63.9[a]	-2.1	71.5	-2.9	80.5	+2.3	80.0	+2.4	70.3	-0.9	61.0	+0.8	47.0	-1.1	34.6	-5.8	58.8	+0.1
Mount Ida	43.7	+3.3	45.6	-0.4	59.4	+6.8	60.8	-0.6	65.4	-2.8	73.8	-2.0	80.0	+0.4	80.2	+0.8	70.8	-2.3	63.0	+1.6	49.8	-0.5	37.2	-5.6	60.8	-0.1
Nail	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43.3	-4.7	33.5	-4.2	.....	.....
Newport	41.7[f]	+2.4	44.9	+3.3	58.4	+5.8	58.2	-3.8	66.1	-3.9	74.2	-3.6	83.4	+2.2	81.8	+1.8	72.3	-1.7	63.6[g]	+1.7	50.3	-0.7	37.2	-5.0	61.0	-0.1
Okay	47.2	.....	48.2	.....	64.2	.....	63.8	.....	67.4	.....	77.1	.....	83.2	.....	83.4	.....	74.6	.....	66.1	.....	51.8	.....	41.0	.....	64.0	.....
Osceola	42.8	+3.2	45.6	+2.8	59.2	+5.7	60.0	-0.4	69.1[a]	-0.1	75.6	-1.7	83.8	+3.4	83.4	+4.4	75.2[c]	-1.4	61.4*	-0.6	48.3*	-1.7	35.5*	-7.4	61.7	+0.8
Ozark	40.9	+0.4	43.6	+0.4	56.7[a]	+3.9	61.5	-0.7	67.6	-2.2	73.9	-3.9	83.6	+1.8	84.1	+2.5	74.0	-1.8	64.1	+0.7	49.0	-2.6	37.8	-3.4	61.4	-0.4
Pine Bluff	47.1	+3.8	48.6	+2.4	62.6	+7.8	62.4	-1.0	69.2	-2.2	76.6	-2.6	83.4	+1.0	84.1	+2.4	75.4	+0.5	67.7	+3.5	53.4	+0.4	40.7	-4.2	64.3	+1.0
Pocahontas	41.0	+2.7	44.1	+2.9	57.0	+5.8	57.1	-3.1	65.4	-3.0	72.5	-3.9	81.4	+1.2	80.4	+1.0	71.8	-1.6	62.4	+0.8	48.7	-1.3	35.4	-4.7	59.8	-0.2
Portland	48.4	+2.0	50.0	+0.6	63.8	+7.0	63.8	-0.8	70.8	-0.8	77.6	-1.8	82.2	+0.4	82.1	+0.7	73.6	-2.8	66.2	+1.6	53.4	-0.7	40.8	-6.7	64.4	-0.1
Prescott	48.1	+4.1	49.3	+2.3	63.2	+7.6	61.4	+1.1	69.4	-1.0	77.6	-1.1	84.4	+2.5	84.3	+2.8	75.0	-1.0	66.2	+1.6	53.9	-0.1	41.3	-4.3	64.8	+1.2
Rison	48.3	+4.1	50.0	+3.4	63.3	+8.2	63.6	-0.2	69.0	-1.9	.....	.....	84.9[g]	+3.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rogers	41.3	+4.5	43.1	+4.1	54.9	+5.7	57.2	-1.2	63.9	-1.9	70.4	-2.9	81.0	+3.9	81.2	+4.0	68.9	-2.1	60.6	+1.0	45.9	-2.9	34.0	-4.8	58.5	+0.6
Searcy	43.4	+3.7	46.1	+0.9	59.2	+6.8	60.0	-1.8	67.0	-1.6	74.6	-2.6	81.9	+1.2	82.0	+1.9	73.6	-0.6	64.4	+2.1	50.8	0.0	38.3	-4.5	61.8	+0.5
Stuttgart	45.0	+2.5	47.5	+2.7	60.8	+7.0	61.4	-0.9	68.9	-0.9	76.6	-1.2	83.2	+2.2	83.0	+2.4	74.0	-1.0	65.4	+2.3	51.9	-0.3	38.8	-5.0	63.0	+0.8
Subiaco	43.5	+2.2	46.2	+2.8	59.2	+5.9	60.8	-1.0	67.4	-2.6	74.6	-3.0	84.2	+2.7	84.4	+3.0	74.2	+0.1	64.4	+0.8	49.1	-3.7	38.0	-4.6	62.2	+0.2
Sunset	41.4	.....	41.8	.....	52.4[c]	.....	54.8	.....	61.4	.....	68.2	.....	78.9	.....	80.1	.....	69.1[a]	.....	59.8	.....	44.4	.....	34.7	.....	57.2	.....
Texarkana	47.4	+1.4	49.0	+0.6	61.2	+4.7	63.6	-0.6	68.2[b]	-3.4	76.6	-2.6	82.7	+0.3	84.1	+1.9	73.8	-3.0	66.0	+0.2	52.7	-2.5	41.8	-5.0	63.9	-0.7
Thornburg	42.8	+3.2	44.8	+1.2	57.4	+5.9	58.2[b]	-2.3	65.1[a]	-2.3	72.9	-2.3	79.6	+0.3	80.6	+1.8	71.0	-1.5	62.3	+0.8	48.8	-1.8	36.3[a]	-4.8	60.0	-0.1
Warren	48.6[a]	+3.6	52.1[a]	+5.4	64.9	+8.8	65.1	+1.8	70.8	-0.4	79.0[a]	0.0	84.9[b]	+2.7	85.0	+3.6	75.1*	-0.9	67.2[c]	+3.2	52.5[f]	-1.2	40.6[d]	-4.2	65.5	+1.9
Wilson	42.4	+0.7	45.0	-0.2	58.8	+6.7	57.8	-3.2	67.4	-2.0	74.2	-2.7	80.7	-0.1	79.6	+1.0	70.6	-3.2	61.8	-1.0	48.6[h]	-1.9	36.6	-5.2	60.3	-0.9
Wynne	42.0	+1.6	44.4[b]	-0.4	58.4[c]	+6.7	58.8	-3.0	67.2	-2.4	74.0	-4.0	81.4[b]	+0.1	80.6	+0.6	71.6	-2.7	62.6	-0.2	48.8	-2.6	35.0[a]	-7.4	60.4	-1.1

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

COOPERATIVE OBSERVERS

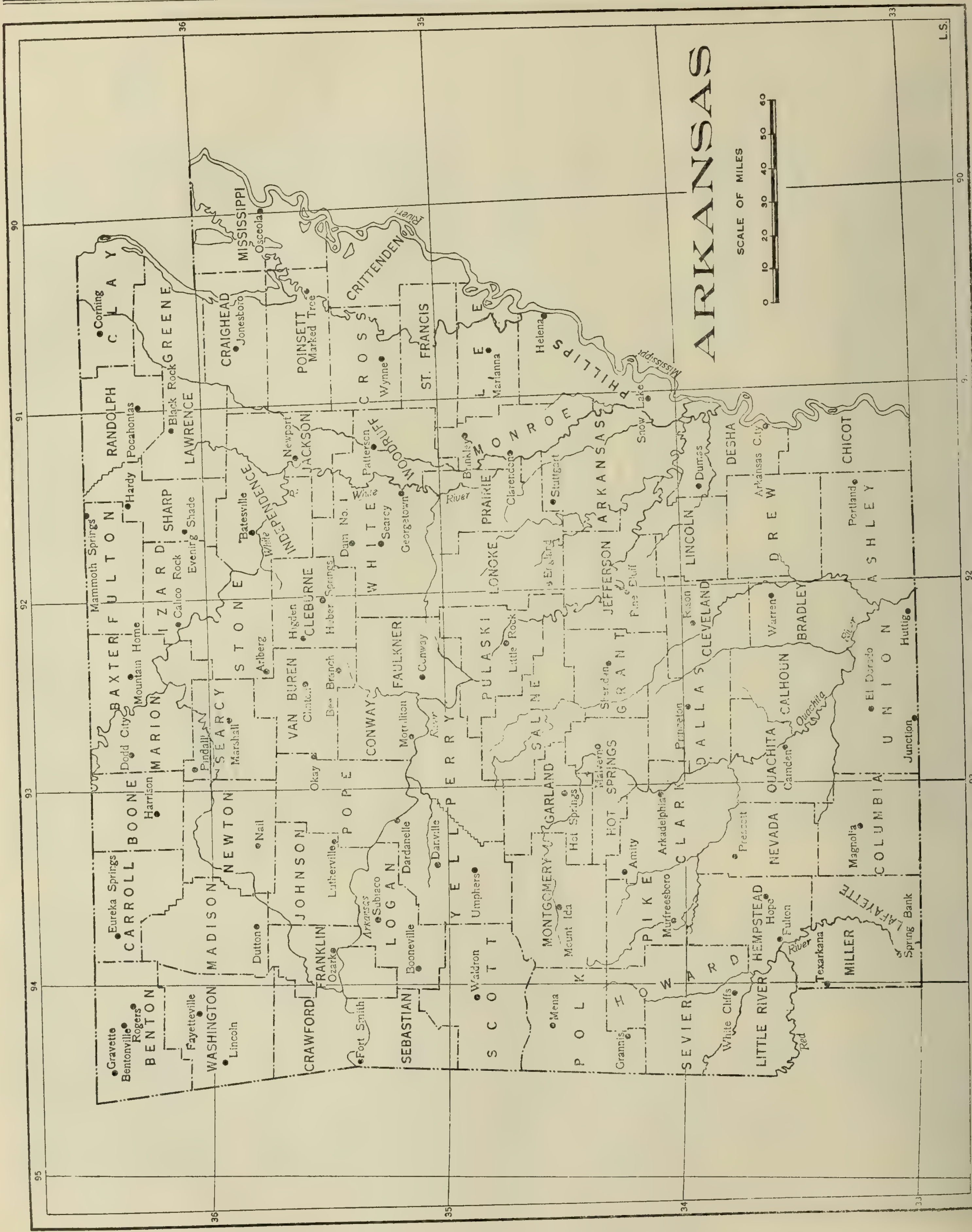
Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
Amity	J. W. Campbell	Danville	J. M. Patterson	Jessieville	U. S. Forest Service	Pine Bluff	Miss Theresa Scheu
Arkadelphia	W. K. Bown	Dardanelle	Geo. N. Goodier	Jonesboro	Benedictine Sisters	Pocahontas	Benedictine Sisters
Arkansas City	Herbert Neff	Dumas	Ben Johnson	Lead Hill	J. H. Crosswhite	Portland	W. E. Edmiston
Batesville	Mrs. C. M. Barnwell	Dutton	J. M. Ricketts	Little Rock	U. S. Weather Bureau	Prescott	Craig Williams
Bee Branch	J. E. Scanlan	El Dorado	L. E. Ellis	Lutherville	H. G. Lenhardt	Rogers	Carl A. Starck
Benton	S. A. Burks	England	Dr. R. H. Hardin	Madison	J. W. Eppes	Rosebud	Miss Clarice Maddox
Bentonville	U. S. Weather Bureau	Eureka Springs	Geo. W. Nichoalds	Magnolia	State Agr. School	St. Francis	S. T. Rooney
Big Lake Outlet	C. J Brooks	Fayetteville	University of Ark.	Mammoth Spring	S. F. Whittaker	Searcy	Arthur D. Smith
Black Rock	Vernon C. Howe	Fort Smith	U. S. Weather Bureau	Marianna	C. N. Houck	Springbank	Henry Field
Blytheville	Samuel Norris	Freeman Springs	J. R. Mc Cuiston	Marked Tree	Chas. Walton	Story	S. C. Story
Booneville	F. H. Randolph	Fulton	T. J. Logan	Marshall	A. J. Parks	Stuttgart	Mrs. B. E. Swim
Boughton	Harry Buie	Georgetown	Mrs. W. R. Owens	Mena	E. W. St. John	Subiaco	New Subiaco Abbey
Brinkley	Robt. J. Torry	Gilbert	F. J. King	Morrilton	H. B. Wear	Sunset	Walter James
Calico Rock	W. M. Jones	Glenwood	C. A. Price	Mountain Home	B. S. Halbert	Texarkana	H. S. Brashear
Camden	J. M. Knight	Grannis	W. E. McVay	Mount Ida	G. A. Whittington	Thornburg	Edward E. Holmes
Carthage	P. K. Wylie	Gravette	Max W. Schmidt	Nail	Charles Paxton	Waldron	Dr. Cheves Bevill
Center Point	John C. Floyd	Harrison	Louis R. Keck	Newport	J. D. Henderson	Warren	Miss Sue Hoyle
Clarendon	J. W. Bishop	Heber Springs	R. L. Black	Norman	U. S. Forest Service	Waters	J. R. Huddleston
Clinton	A. L. Stephens	Helena	James A. Burnett	Oden	U. S. Forest Service	Whitecliffs	W. W. Davis
Conway	E. E. Cordrey	Higden	Trumon Brown	Okay	Charles R. Jackson	Wilson	D. O. Anderson
Cornerstone	P. B. Dutchens	Highland	J. O. Cooley	Ozark	Orkney O. Milton	Wynne	R. T. Cobbs
Corning	Winfred D. Polk	Hope	N. P. O'Neal	Paragould	W. R. Heagler	Yancopin	W. E. Barton
Cotter	O. B. McSpadden	Hot Springs	National Park Service	Parkin	Carroll King		
Crossett	R. R. Reynolds	Index	H. G. Sanderson	Patterson	W. E. Baker		

Monthly and Annual Precipitation for the Year 1935, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Amity	*5.26	+0.75	2.64	-0.90	5.13	+0.39	6.63	+1.46	8.25	+3.06	8.50	+3.60	0.50	-3.05	3.99	+0.01	3.99	-0.89	5.68	+2.42	3.32	-0.37	4.13	+0.08	58.02	+ 8.34
Arkadelphia	6.63	+2.19	3.16	-0.52	4.33	-0.47	7.31	+2.17	6.68	+1.12	6.07	+1.28	2.04	-1.79	0.62	-3.44	5.97	+2.98	6.35	+3.23	4.29	+0.60	3.05	-1.83	56.50	+ 5.52
Arkansas City	8.90	+4.39	4.23	-0.14	4.58	-0.84	7.71	+2.80	3.21	-1.46	4.76	+0.90	2.06	-1.56	1.03	-2.72	2.32	-0.54	3.88	+1.51	4.16	+0.27	1.19	-3.81	48.03	- 1.20
Arlberg	5.27	+0.37	1.96	-1.50	*13.64*	+10.01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Batesville	3.11	-1.42	0.76	-2.53	10.48	+6.29	1.93	-3.07	11.09	+6.09	5.69	+1.68	5.34	+2.08	1.43	-3.00	3.29	-0.40	3.39	+0.13	1.80	-1.69	2.30	-0.89	51.11	+ 3.27
Bee Branch	4.72	+0.33	1.85	-1.18	10.74	+6.06	3.92	-0.94	13.18	+8.05	10.35	+6.07	3.26	-0.15	0.95	-2.99	4.40	+1.18	5.46	+2.11	3.61	+0.13	5.04	+1.16	67.48	+19.83
Benton	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.81	...	...	...
Bentonville	2.50	-0.24	1.09	-1.06	10.95	+7.38	2.87	-1.99	8.76	+3.83	9.76	+4.44	1.72	-1.98	1.31	-2.87	3.27	-0.51	6.50	+3.00	4.46	+1.32	2.10	-0.27	55.29	+11.05
Big Lake Outlet ‡‡	6.66	...	2.06	...	8.60	...	3.30	...	5.56	...	4.75	...	2.45	...	0.27	...	2.91	...	4.00	...	1.78	...	1.66	...	44.00	...
Black Rock	4.54	-0.01	2.42	-0.62	12.25	+8.10	1.59	-3.97	9.33	+4.16	8.05	+4.17	2.40	-1.25	0.89	-3.52	4.79	+1.07	4.95	+1.61	2.25	-1.91	2.31	-1.41	55.77	+ 6.42
Blytheville	7.09	+1.17	2.37	-0.41	8.76	+3.42	1.98	-2.58	6.37	+2.45	6.65	+2.59	3.09	-0.13	0.50	-4.41	2.69	-0.76	4.19	+0.67	2.03	-2.20	1.51	-2.83	47.23	- 3.02
Booneville	4.68	+0.51	1.60	-0.53	11.87	+8.61	6.09	+0.97	10.09	+4.67	11.21	+6.80	2.65	-0.63	3.40	+0.08	1.83	-1.54	6.65	+3.18	3.01	-0.42	4.66	+1.50	67.74	+23.20
Boughton	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.91	...	...	...
Brinkley	7.23	+2.18	2.42	-1.58	7.35	+1.71	3.55	-2.01	7.28	+2.29	7.28	+3.71	2.03	-1.80	2.70	-0.82	4.12	+0.64	4.90	+1.80	3.84	-0.35	1.11	-3.75	53.86	+ 2.02
Calico Rock	3.90	+0.26	1.60	-0.87	11.73	+8.34	2.02	-2.91	11.16	+6.43	5.51	+1.46	4.41	+0.97	0.63	-4.33	2.04	-1.54	4.58	+1.41	3.05	+0.03	3.31	+0.09	53.93	+ 9.34
Camden	5.66	+0.73	3.42	-0.46	2.38	-2.69	7.41	+2.51	7.83	+3.23	5.80	+1.46	1.01	-2.78	0.86	-2.23	2.86	-0.45	3.62	+0.72	6.11	+1.97	1.96	-2.72	48.92	- 0.71
Carthage	8.24	+3.37	3.11	-0.44	2.73	-2.33	6.23	+1.17	8.66	+3.59	5.02	+1.05	0.73	-3.33	1.03	-1.75	4.61	+1.32	4.63	+1.49	4.91	+1.17	1.98	-3.22	51.88	+ 2.09
Center Point	5.97	+1.90	2.48	-0.89	4.39	-0.28	6.09	+0.84	8.56	+2.26	6.36	+2.17	2.26	-1.46	2.05	-0.79	4.84	+1.33	2.69	-0.57	6.32	+2.77	3.60	-0.78	55.61	+ 6.50
Clarendon	8.57	+4.05	2.61	-1.21	4.96	-0.12	3.98	-2.11	7.40	+2.45	4.91	+1.36	1.09	-1.89	0.28	-3.86	3.48	-0.21	4.17	+0.80	4.71	+0.80	0.76	-4.24	46.92	- 4.18
Clinton	4.83	+0.79	1.99	-1.34	14.25	+9.30	3.60	-1.70	12.04	+6.49	8.74	+5.19	4.02	+1.65	0.81	-3.81	3.03	-0.69	7.34	+2.86	3.69	-0.94	5.12	+0.82	69.46	+18.62
Conway	5.64	+1.28	3.11	-0.48	9.23	+4.71	3.62	-1.24	16.10	+11.03	11.78	+7.79	1.06	-2.31	2.71	-0.74	7.43	+4.02	5.73	+2.86	2.59	-1.34	4.07	+0.01	73.07	+25.59
Cornerstone ‡‡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.83	-2.14	1.90	-1.67	4.77	+2.25	4.34	+0.57	...	...	...	...
Corning	4.27	-0.17	2.43	-0.93	13.98	+9.44	1.61	-3.59	8.87	+4.31	6.80	+2.59	2.02	-1.44	0.88	-2.80	2.98	-0.72	5.38	+2.02	2.78	-0.80	3.35	-0.26	55.35	+ 7.65
Cotter	2.78	...	1.75	...	10.56	...	1.47	...	7.39	...	9.13	...	4.19	...	0.94	...	2.66	...	3.97	...	2.48	...	3.57	...	50.89	...
Crossett	6.63	+1.47	3.38	+0.34	5.60	+0.55	*7.65	+2.83	*3.87	-0.65	*4.35	-0.39	2.80	-1.55	1.66	-1.99	2.16	-0.39	2.49	-1.75	5.08	+0.82	3.09	-1.13	48.76	- 1.84
Danville	5.07	+0.94	1.73	-0.66	13.56	+9.78	8.56	+3.25	11.31	+6.49	9.53	+5.08	1.36	-1.80	3.87	+0.44	0.84	-2.73	4.74	+0.31	2.93	-0.31	4.45	+1.15	67.95	+21.94
Dardanelle	5.38	+1.92	4.01	+1.05	14.96	+10.70	4.69	+0.42	11.43	+6.02	12.65	+8.95	5.25	+1.88	1.79	-1.87	1.15	-2.28	6.64	+3.63	3.17	-0.34	4.86	+1.57	75.98	+31.65
Deer	3.39	...	1.98	...	10.35	...	1.64	...	8.66	...	8.32	...	1.21	...	0.30	...	2.17	...	*5.96	...	*2.82	...	*3.60	...	50.40	...
Dumas	8.70	+3.83	2.86	-1.13	4.99	-1.15	6.14	+1.18	3.74	-1.55	5.50	+1.71	1.35	-2.25	0.53	-2.94	2.68	-0.66	2.71	-0.72	5.37	+1.31	3.14	-2.49	47.71	- 4.86
Dutton	3.38	-0.80	1.21	-1.54	12.78	+8.85	*2.27	-3.86	10.79	+4.50	18.85	+13.29	1.28	-2.93	2.24	-1.88	3.98	-0.90	6.89	+3.08	5.03	+1.56	4.10	+0.42	72.80	+19.79
El Dorado	*5.42	+1.30	3.18	-0.87	4.08	-0.97	7.25	+1.64	4.42	-0.48	3.11	-0.78	5.15	+1.21	0.73	-2.58	1.87	-1.16	1.89	-1.35	5.22	+0.93	4.10	-1.51	46.42	- 4.62
England	6.91	+2.27	3.38	-0.47	4.98	-0.17	5.04	-0.97	10.28	+5.89	4.16	+0.48	3.26	+0.63	2.11	-1.91	2.48	-1.05	3.15	-0.12	5.10	+1.40	1.45	-3.20	52.30	+ 3.12
Eureka Springs	2.78	-0.38	1.77	-0.76	14.82	+11.07	2.38	-2.66	8.91	+3.14	13.12	+7.37	0.89	-3.20	2.36	-2.57	2.61	-1.68	5.41	+1.91	5.49	+2.22	2.35	-0.48	62.89	+13.98
Fayetteville	2.56	-0.30	1.36	-0.96	9.91	+6.30	2.95	-1.68	8.64	+3.13	13.04	+8.52	0.63	-3.52	1.46	-2.65	4.60	+0.95	5.72	+2.36	4.51	+1.54	3.09	+0.34	58.47	+14.03
Fort Smith	2.63	+0.09	0.70	-1.86	8.98	+5.97	3.27	-0.67	6.25	+1.43	10.42	+6.70	0.85	-2.52	1.60	-1.68	3.45	+0.46	5.76	+2.77	1.83	-1.04	3.63	+0.87	49.37	+10.52
Freeman Springs ‡‡	5.02	+0.46	1.38	-1.64	14.66	+10.17	2.87	-2.39	12.28	+6.56	12.79	+7.89	1.94	-1.79	1.66	-2.37	1.89	-3.26	6.01	+0.70	4.20	+0.39	4.64	+0.39	69.34	+15.11
Fulton	8.83	+4.48	3.25	+0.20	3.18	-1.30	6.05	+1.51	8.36	+3.75	7.27	+3.44	4.41	+1.09	1.04	-1.68	2.69	+0.12	4.42	+1.82	4.75	+1.19	2.90	-0.75	57.15	+13.87
Georgetown	5.49	+0.11	3.10	-0.29	7.44	+2.41	3.44	-2.30	9.36	+4.63	5.95	+1.63	2.96	+0.27	0.39	-3.44	3.64	-0.30	6.09	+2.35	2.76	-0.71	1.18	-3.06	51.80	+ 1.30
Gilbert	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.35	...	2.81	...	4.65	...	2.70	...	3.58	...	...	...
Glenwood	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.75	...	4.45	...	...	...
Grannis	7.70	+2.99	2.85	-0.99	7.41	+3.25	4.35	-1.78	10.71	+4.30	13.07	+8.18	2.68	+1.39	2.77	-0.57	4.51	+0.34	6.39	+1.17	6.65	+2.03	3.93	-0.69	73.02	+16.84
Gravette	2.48	-0.24	1.44	-0.43	11.66	+7.96	3.31	-1.29	8.85	+3.29	16.04	+10.40	0.43	-3.68	2.35	-1.73	4.74	+0.92	5.66	+2.15	4.78	+1.67	2.24	-0.10	63.98	+18.92
Harrison	2.83	-0.20	1.08	-1.40	9.21	+6.12	1.52	-3.44	8.53	+3.30	15.22	+11.02	0.90	-3.13	2.18	-1.62	1.66	-2.44	3.73	+0.57	2.91	+0.18	2.85	+0.22	52.60	+ 9.18
Heber Springs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.07	...	...	...
Helena	12.51	+7.17	2.74	-1.76	6.01	-0.16	7.65	+1.92	6.35	+1.65	3.69	-0.20	0.63	-3.13	0.18	-3.51	2.36	-1.05	5.16	+2.40	4.10	-0.46	1.22	-3.74	52.60	- 0.87
Higden	4.50	-0.15	1.53	-1.10	11.30	+6.27	3.57	-2.46	14.24	+7.94	6.71	+2.51	3.73	+0.87	1.28	-3.52	4.90	+1.04	5.66	+1.12	3.36	-0.68	4.50	+0.65	65.28	+12.49
Highland	5.15	+0.63	1.93	-1.00	3.80	-0.26	6.65	+1.25	9.20	+5.09	5.90	+1.83	2.61	+0.14	2.35	-1.10	2.80	-0.40	2.45	-1.65	4.59	+0.88	3.60	+0.28	51.03	+ 5.69
Hope	7.94	+3.02	3.08	-0.92	3.58	-1.49	4.95	-0.32	8.53	+3.32	6.18	+2.40	0.49	-3.83	0.82	-2.55	3.87	+0.67	3.49	+0.11	8.14	+3.70	2.50	-1.91	53.57	+ 2.29
Hot Springs	5.38	+0.49	2.77	-0.86	5.83	+0.90	5.34	-0.68	10.58	+4.59	8.43	+3.84	0.42	-3.79	2.76	-0.98	5.99	+2.52	5.52	+2.24	3.14	-1.01	4.00	-0.39	60.16	+ 6.87
Index ‡‡	5.09	+0.94	2.54	-0.33	3.39	-0.90	4.97	+0.23	5.85	+1.58	5.05	+2.40	3.81	+0.53	1.91	-0.76	3.63	+0.73	5.10	+1.92	5.24	+1.95	2.95	-1.05	49.58	+ 7.24
Jessieville	6.93	...	3.50	...	5.42	...	5.24	...	9.85	...	10.67	...	1.55	...	5.43	...	3.10	...	5.61	...	2.94	...	4.25	...	64.49	...
Jonesboro	6.36	+1.35	2.55	-1.07	8.71	+4.04	2.46	-2.36	5.98	-1.72	8.22	+4.29	1.92	-1.31	0.33	-3.22	3.89	+0.49	5.21	+1.85	2.11	-1.31	1.61	-2.76	49.35	+ 1.71
Lead Hill	2.80	-0.16	1.13	-2.21	9.05	+4.96	1.72	-2.49	6.72	+1.07	8.21	+3.42	1.03	-3.25	0.90	-3.14	1.91	-1.72	3.86	+0.45	2.89	-0.73	1.81	-1.36	42.03	- 5.10
LITTLE ROCK	6.85	+1.62	2.40	-1.44	6.09	+1.47	3.47	-1.72	10.34	+5.56	5.51	+1.75	2.34	-1.16	2.07	-1.68	3.40	+0.23	3.50	+0.79	2.40	-1.79	1.87	-2.27	49.74	+ 1.36
Lutherville ‡‡	7.09	+3.23	2.11	-0.89	16.35	+12.48	4.48	-0.42	14.44	+9.29	16.89	+12.52	2.54	-1.15	1.84	-2.19	1.93	-2.11	8.17	+4.21	3.52	+0.04	5.95	+2.05	85.31	+37.06
Madison	8.82	...	2.91	...	7.50	...	3.35	...	7.11	...	7.61	...	4.81	...	1.47	...	3.47	...	10.69	...	3.72	...	1.03	...	62.49	...
Magnolia	3.98	-1.42	4.65	+1.14	1.85	-3.01	5.07	+0.25	6.44	+1.29	5.54	+2.04	2.60	-0.84	0.80	-2.16	3.13	+0.82	3.00	-0.55	5.42	+1.19	2.76	-2.05	45.24	- 3.30
Malvern	...	...	2.12	-1.54	7.03	+1.87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mammoth Spring	5.95	+2.15	1.27	-1.44	13.51	+10.18	2.44	-2.82	10.23	+5.65	8.99	+4.52	5.71	+2.30	0.95	-3.41	2.99	-0.82	6.58	+3.25	4.99	+1.63	2.69	-0.59	66.30	+20.60
Marianna	8.35	+3.76	2.31	-1.45	5.16	+0.13	4.19	-0.60	5.61	+1.18	5.16	+1.22	0.07	-2.99	0.62	-2.41	2.95	+0.07	4.12	+0.55	2.81	-0.41	1.04	-3.21	42.39	- 4.16
Marked Tree	7.22	+1.69	2.14	-1.44	8.67	+3.79	4.68	-0.92	6.64	+1.67	7.86	+4.59	1.77	-1.49	1.44	-2.25	4.30	+1.46	4.37	+0.09	2.22	-1.99	1.43	-2.99	52.74	+ 2.21
Marshall	4.01	+0.25	1.17	-1.25	11.26	+7.31	4.13	-2.82	10.70	+3.79	9.01	+3.93	2.59	-1.19	2.48	-2.73	2.03	-2.23	3.92	-0.37	2.88	-0.82	3.56	-0.15	57.74	+ 3.72
Mena	6.11	+2.24	1.37	-1.78	6.77	+2.12	4.65	-1.16	12.30	+5.90	10.18	+5.30	0.36	-3.68	2.91	-1.43	3.92	+0.10	4.48	+0.81	4.24	+0.76	4.27	+0.46	61.56	+ 9.64
Morrilton	4.55	+0.45	1.87	-0.79	10.04	+6.12	4.67	-0.64	10.90	+6.25	9.44	+5.56	3.67	+1.22	2.90	-0.32	2.88	+0.12	6.44	+2.30	1.96	-1.86	4.68	+1.27	64.00	+19.68
Mountain Home	2.99	-0.24	2.10	-0.26	10.27	+6.55	*1.47	-3.53	8.58	+2.93	9.00	+4.17	3.30	-1.04	0.52	-3.60	3.34	-1.00	4.71	+0.34	2.60	-0.49	3.29	-0.41	52.17	+ 3.42
Mount Ida	5.29	+0.94	2.61	-1.33	8.09	+3.69	5.55	-0.35	11.62	+5.73	8.89	+4.47	2.75	-0.82	4.01	+0.65	2.72	-0.86	5.54	+1.70	4.59	+0.49	4.35	+0.33	66.01	+14.64
Nail	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.82	-0.58	3.60	-0.20	...	...
Newport	5.70	+0.77	2.08	-1.53	9.77	+5.03	3.23	-1.80	6.51	+2.16	9.18	+5.28	2.16	-0.90	2.29	-1.28	2.91	-0.70	5.06	+2.18	1.59	-2.54	1.33	-2.73	51.72	+ 3.94
Norman	6.42	...	3.39	...	7.95	...	5.24	...	11.11	...	10.14	...	2.57	...	*4.01	...	3.40	...	6.72	...	5.41	...	3.05	...	69.41	...
Oden	5.81	...	2.23	...	7.69	...	5.42	...	10.60	...	7.60	...	0.69	...	2.52	...	1.31	...	4.34	...	2.38	...	3.72	...	54.31	...
Okay	4.34	...	2.69	...	2.02	...	5.70	...	9.11	...	2.91	...	2.36	...	1.41	...	3.83	...	3.52	...	4.34	...	3.32	...	45.55	...
Osceola	7.48	+2.54	2.37	-1.07	6.86	+1.77	4.67	+0.21	5.60	+0.39	8.70	+5.32	3.60	+0.13	0.38	-2.84	*2.52	-0.32	*4.60	+1.80	*2.26	-2.13	*1.38	-2.90	50.42	+ 2.90
Ozark	3.54	+0.57	1.05	-1.42	11.66	+7.76	5.05	+0.37	10.11	+4.62	14.39	+9.89	1.22	-2.18	3.05	-0.83	1.05	-2.23	5.41	+2.19	2.30	-0.89	4.71	+1.22	63.54	+19.07
Paragould	6.18	+0.90	2.34	-1.39	9.80	+4.02	3.88	-0.84	6.99	+2.19	6.97	+2.91	1.62	-1.46	1.84	-2.13	2.48	-0.29	4.39	+1.44	3.69	+0.24	1.92	-2.61	52.10	+ 2.98
Parkin	8.29	...	2.34	...	8.39	...	2.65	...	6.17	...	6.09	...	2.66	...	2.56	...	3.18	...	9.07	...	2.86	...	1.02	...	55.28	...
Patterson	4.29	-0.92	2.44	-0.92	7.38	+1.90	3.71	-2.36	7.91	+2.99	6.51	+1.60	2.76	-0.31	0.40	-2.62	4.45	+1.56	5.16	+1.30	1.84	-2.58	1.18	-2.96	48.08	- 3.32
Piggott	6.39	+1.78	2.53	-0.91	14.42	+9.04	2.62	-0.90	7.41	+3.37	6.01	+2.62	2.74	-0.99	1.77	-3.55	2.62	-1.51	3.50	-0.37	*2.31	-1.69	*2.04	-1.86	54.36	+ 5.03
Pine Bluff	10.04	+4.88	3.22	-0.64	4.28	-1.03	4.85	-0.66	6.29	+1.59	4.01	+0.09	1.87	-1.57	0.82	-2.33	1.87	-1.69	3.59	+0.68	5.01	+0.89	1.29	-3.78	47.14	- 3.57
Pocahontas	4.88	+0.42	2.59	-0.74	13.87	+9.29	2.34	-2.64	9.89	+5.04	10.91	+6.51	4.56	+0.36	0.81	-3.88	4.18	+0.61	4.85	+1.54	2.06	-1.51	2.65	-1.05	63.59	+13.95
Portland	6.88	+2.62	3.16	-1.04	3.41	-1.82	7.86	+2.63	3.05	-2.75	2.67	-0.73	1.99	-1.85	0.89	-2.47	3.67	+0.96	2.42	-0.48	5.57	+1.42	1.42	-4.17	42.99	- 7.68
Prescott	8.10	+3.59	3.34	-0.15	3.60	-0.86	5.31	+0.15	7.12	+2.09	6.87	+3.07	1.01	-2.20	0.20	-3.08	5.12	+2.03	4.83	+2.17	4.86	+1.41	3.52	-0.84	53.88	+ 7.38
Quitman	4.28	...	2.51	...	9.51	...	3.72	...	13.05	...	15.35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rison	*8.79	+3.39	3.18	-0.21	...	...	5.01	+0.31	5.68	+1.61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rogers (near)	2.85	+0.27	0.58	-1.31	12.31	+8.93	1.93	-2.71	7.59	+2.20	10.84	+5.95	1.36	-2.72	1.65	-2.10	2.80	-0.99	5.80	+2.70	5.66	+2.72	2.23	-0.19	55.60	+12.75
Rosebud ‡‡	4.45	...	2.14	...	11.59	...	3.35	...	11.48	...	1.95	...	3.47	...	1.02	...	3.94	...	5.49	...	2.53	...	3.99	...	65.40	...
St. Francis	6.59	...	2.65	...	14.07	...	2.88	...	7.16	...	16.18	...	3.21	...	3.33	...	2.68	...	4.44	...	2.31	...	2.04	...	57.54	...
Searcy	4.94	+0.33	2.23	-0.84	9.44	+5.16	3.12	-2.11	9.66	+5.12	6.93	+2.97	5.51	+2.95	1.52	-2.21	4.22	+1.24	6.65	+3.71	2.15	-2.30	2.04	-2.07	58.41	+11.95
Springbank	*3.13	-1.08	3.35	-0.19	2.23	-2.40	5.51	-0.73	9.36	+4.69	5.12	+1.32	1.38	-2.27	0.88	-2.53	3.76	+0.77	2.62	-0.54	7.20	+3.56	4.10	-0.97	48.64	- 0.40
Story	5.33	+1.31	2.33	-1.13	8.18	+3.90	5.40	-0.76	10.70	+5.63	8.68	+5.05	2.25	-1.35	4.22	+1.38	1.46	-1.48	3.65	-0.20	3.21	-0.75	4.27	-0.82	59.68	+10.78
Stuttgart	10.22	+5.19	2.76	-1.17	5.09	-0.43	4.03	-1.08	9.15	+4.35	4.65	+0.71	1.84	-1.78	4.23	+0.70	2.41	-0.93	5.04	+1.84	3.76	-0.29	0.88	-3.89	54.06	+ 3.22
Subiaco	5.05	+1.45	1.58	-1.11	11.43	+7.71	4.29	-0.39	10.05	+4.66	10.89	+6.83	0.45	-2.86	1.74	-2.04	0.88	-2.46	6.68	+3.29	4.33	+1.28	5.75	+2.56	63.12	+18.92
Sunset	3.06	...	0.94	...	9.29	...	2.90	...	7.91	...	17.82	...	2.74	...	1.69	...	3.17	...	5.96	...	2.82	...	2.81	...	61.11	...
Texarkana	8.12	+4.47	3.69	+0.57	3.68	-0.55	5.16	+0.12	6.59	+2.12	5.71	+2.15	1.05	-2.37	0.63	-2.44	3.23	+0.32	4.34	+1.21	5.74	+2.46	3.65	-0.10	51.59	+ 7.96
Thornburg	5.10	+0.58	2.06	-1.80	6.94	+2.71	5.24	-0.47	13.90	+8.18	11.82	+6.71	3.74	-0.45	2.90	-0.82	3.43	-0.09	6.84	+2.86	3.38	+0.02	3.42	-0.37	68.77	+17.06
Waldron	4.84	+0.88	1.81	-1.24	10.41	+6.68	7.51	+1.43	14.43	+8.95	16.06	+11.81	0.81	-2.63	3.55	+0.93	1.51	-1.86	3.23	-1.01	3.36	-0.48	3.26	-0.28	70.78	+23.18
Warren	7.71	+3.11	5.23	+1.12	4.65	-0.75	6.51	+1.15	5.38	+0.66	3.91	+0.18	0.80	-2.54	2.88	-0.71	*2.38	-1.60	3.39	-0.22	3.67	-0.27	2.45	-2.77	48.96	- 2.64
Waters	6.39	+1.79	2.64	-0.90	8.19	+3.44	5.66	+0.20	12.02	+6.75	8.67	+4.18	1.51	-2.12	2.79	+0.41	2.17	-0.80	6.15	+1.47	5.08	+0.83	4.20	-0.25	65.47	+15.00
Whitecliffs	4.60	+0.87	5.15	+1.98	4.13	-0.10	6.03	+0.38	9.73	+4.95	5.47	+2.07	2.15	-0.26	3.08	+0.33	3.11	+0.53	2.63	-0.65	5.62	+2.71	3.44	-0.67	55.14	+12.14
Wilson	7.85	+2.18	2.44	-0.71	7.95	+2.54	3.62	-1.67	7.06	+2.06	7.37	+4.06	5.93	+1.91	1.70	-2.22	2.05	-0.11	5.01	+1.70	2.49	-1.65	1.25	-3.77	54.72	+ 4.32
Wooley Hollow ‡‡	4.21	...	2.61	...	10.47	...	3.23	...	13.73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wynne	7.03	+1.94	2.92	-0.58	7.53	+2.35	3.08	-2.97	6.59	+1.79	5.92	+2.11	1.43	-1.96	3.98	+0.04	3.71	-0.11	8.01	+4.01	3.00	-0.83	1.16	-3.59	54.36	+ 2.42
Yancopin	8.00	+3.01	3.85	-0.37	5.36	-0.23	7.37	+3.62	3.19	-1.45	4.51	+1.13	2.49	-1.10	0.24	-2.62	1.91	-0.82	3.46	+0.34	4.98	-0.49	1.08	-5.47	46.44	- 4.45

Departures from the normal precipitation are based on records of ten or more years.

Normals for Princeton used at Carthage, 8 miles northeast. *Data determined from surrounding stations.


ARKANSAS
SCALE OF MILES
0
10
20
30
40
50
60
L.S.
BENTON
Gravette
Bentonville
Rogers
CARROLL
Eureka Springs
BOONE
Harrison
MARION
Dodd City
BAXTER
Mountain Home
FULTON
Mammoth Springs
RANDOLPH
Pocahontas
CLAY
Corning
GREENE
WASHINGTON
Fayetteville
Lincoln
MADISON
Dutton
NEWTON
Nail
SEARCY
Marshall
Pindall
STONE
Arlberg
IZARD
Calico Rock
SHARP
Hardy
Evening Shade
LAWRENCE
Black Rock
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
CRAWFORD
Fort Smith
FRANKLIN
Ozark
JOHNSON
Lutherville
POPE
VAN BUREN
Clinton
Bee Branch
CLEBURNE
Higden
Heber Springs
INDEPENDENCE
Batesville
JACKSON
Newport
POINSETT
Marked Tree
CROSS
Wynne
CRITTENDEN
SEBASTIAN
LOGAN
Booneville
Subiaco
Dardanelle
YELL
Danville
CONWAY
Morrilton
FAULKNER
Conway
WHITE
Searcy
Georgetown
Dam No. 1
WOODRUFF
Patterson
ST. FRANCIS
LEE
Marianna
PHILLIPS
Helena
SCOTT
Waldron
PERRY
PULASKI
Little Rock
LONOKE
PRAIRIE
Brinkley
MONROE
Clarendon
Stuttgart
POLK
Mena
MONTGOMERY
Mount Ida
GARLAND
Hot Springs
SALINE
HOT SPRING
Malvern
GRANT
Sheridan
JEFFERSON
Pine Bluff
ARKANSAS
Snow Lake
LINCOLN
DESHA
Dumas
Arkansas City
SEVIER
HOWARD
Grannis
PIKE
Amity
Murfreesboro
CLARK
Arkadelphia
DALLAS
Princeton
CLEVELAND
Rison
DREW
Warren
CHICOT
Portland
ASHLEY
LITTLE RIVER
White Cliffs
HEMPSTEAD
Hope
Fulton
NEVADA
Prescott
OUACHITA
Camden
CALHOUN
BRADLEY
UNION
El Dorado
Junction
Huttig
MILLER
Texarkana
LAFAYETTE
Spring Bank
COLUMBIA
Magnolia
Mississippi River
White River
Arkansas River
Ouachita River
Saline River
Red River
36
35
34
33
90
91
92
93
94
95

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature				Precipitation					Number of days			
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest annual	Least annual	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891...	60.5	−0.9	108	6	44.49	− 3.86	57.93	29.51	....	94	180	94	91
1892...	60.0	−1.4	106	−14	57.75	+ 9.40	76.58	41.34	8.7	98	159	98	109
1893...	60.7	−0.7	103	−13	47.91	− 0.44	69.24	28.40	6.4	75	185	95	85
1894...	61.3	−0.1	108	−22	49.05	+ 0.70	59.29	30.13	5.9	75	176	97	92
1895...	59.8	−1.6	105	−17	44.69	− 3.66	61.32	31.28	10.5	83	167	92	106
1896...	62.8	+1.4	112	4	37.72	−10.63	48.00	25.70	2.9	79	171	97	98
1897...	62.3	+0.9	111	− 2	46.13	− 2.22	71.77	34.88	3.9	76	178	96	91
1898...	61.4	0.0	108	− 4	56.82	+ 8.47	84.99	67.70	3.0	89	158	106	101
1899...	60.6	−0.8	112	−25	41.49	− 6.86	56.56	29.98	6.6	76	170	105	90
1900...	62.0	+0.6	108	− 5	49.03	+ 0.68	66.75	37.54	2.2	92	150	120	95
1901...	61.1	−0.3	116	− 6	35.27	−13.08	51.61	22.77	2.9	65	175	111	79
1902...	60.5	−0.9	108	− 2	51.70	+ 3.35	67.18	35.12	8.3	81	150	121	94
1903...	59.3	−2.1	105	−12	44.62	− 3.73	65.00	34.48	4.3	84	162	107	96
1904...	60.5	−0.9	105	− 5	43.45	− 4.90	56.53	31.39	2.9	78	169	112	85
1905...	59.6	−1.8	106	−29	62.17	+13.82	92.60	42.50	12.1	103	146	107	112
1906...	60.3	−1.1	101	− 7	55.99	+ 7.64	85.58	38.01	4.3	95	156	96	113
1907...	61.9	+0.5	113	− 8	49.73	+ 1.38	68.18	34.63	2.0	86	163	91	111
1908...	62.1	+0.7	103	0	48.88	+ 0.53	63.67	34.91	2.2	92	158	100	108
1909...	62.1	+0.7	111	−19	44.05	− 4.30	57.21	31.37	6.5	83	176	93	96
1910...	61.0	−0.4	105	−13	45.21	− 3.14	61.17	25.39	11.0	84	172	109	84
1911...	62.8	+1.4	107	− 9	49.54	+ 1.19	70.00	35.67	1.7	95	152	117	96
1912...	59.8	−1.6	106	−16	45.83	− 2.52	59.65	27.89	7.8	81	171	110	85
1913...	61.6	+0.2	108	− 1	54.01	+ 5.66	72.04	35.70	5.6	89	158	107	100
1914...	61.4	0.0	110	−11	42.85	− 5.50	54.06	30.13	8.6	82	149	109	107
1915...	60.6	−0.8	107	− 3	53.08	+ 4.73	67.54	40.20	4.7	82	163	81	121
1916...	61.9	+0.5	107	−16	42.18	− 6.17	53.47	27.48	6.3	75	191	76	99
1917...	59.2	−2.2	106	−21	40.72	− 7.63	70.88	19.80	12.1	75	187	74	104
1918...	61.4	0.0	115	−23	44.64	− 3.71	57.78	33.62	18.3	75	174	76	115
1919...	61.6	+0.2	113	−10	54.52	+ 6.17	71.94	31.31	3.4	91	166	75	124
1920...	60.7	−0.7	105	− 2	54.28	+ 5.93	73.02	28.97	2.5	90	174	74	118
1921...	64.2	+2.8	107	− 3	47.46	− 0.89	61.12	29.29	11.9	83	178	85	102
1922...	62.7	+1.3	111	7	46.50	− 1.85	69.10	32.02	2.6	87	170	83	112
1923...	61.6	+0.2	109	2	59.85	+11.50	82.06	43.81	2.3	102	160	82	123
1924...	60.1	−1.3	110	− 8	37.03	−11.32	49.74	23.83	7.9	74	193	68	105
1925...	63.0	+1.6	113	− 6	42.19	− 6.16	56.56	24.42	2.2	74	184	81	100
1926...	61.3	−0.1	110	−17	49.24	+ 0.89	68.26	38.29	6.0	88	175	79	111
1927...	63.1	+1.7	105	− 2	65.85	+17.50	91.72	31.93	2.4	99	161	85	119
1928...	61.1	−0.3	105	−10	50.50	+ 2.15	63.01	32.47	0.9	86	183	76	107
1929...	60.5	−0.9	110	−20	46.10	− 2.25	58.72	33.83	13.9	98	162	83	120
1930...	61.7	+0.3	115	−28	46.62	− 1.73	61.75	30.94	5.9	78	192	75	98
1931...	62.5	+1.1	107	0	46.98	− 1.37	67.27	37.09	0.8	94	172	82	111
1932...	62.0	+0.5	108	− 5	51.11	+ 2.77	65.78	33.39	4.4	95	175	85	106
1933...	63.2	+1.8	109	−13	49.08	+ 0.73	64.71	38.24	3.4	93	171	84	110
1934...	62.8	+1.4	116	2	42.47	− 5.88	54.01	31.36	2.4	81	190	84	91
1935...	61.4	0.0	113	−11	57.01	+ 8.66	85.31	42.03	3.7	93	154	90	121
Period	61.4	......	116	−29	48.35	....	92.60	19.80	5.6	86	169	93	103

Continued from page 50

20 stations having positive departures and 56 negative. Monthly totals ranged from 0.76 inch at Clarendon to 5.95 inches at Lutherville. Snowfall was heavy in some southern sections on the 21st and 22d, three stations reporting depths of 5.0 inches. From the 27th to the 29th rain, sleet, and snow fell in most sections. Ice formed on the highways and travel was hazardous. A number of accidents occurred and bus service was suspended in some instances. The snow cover was favorable for wheat, oats, and winter truck and prevented much damage from the low temperatures.

Corrections:--Precipitation

Dutton, May, total should be 10.79 inches; Index, March, departure from normal −0.90 inch; Paragould, September, departure −0.29; Pocahontas, June, departure +6.51; Springbank, October, departure −0.57; Stuttgart, March, departure −0.43; Waldron, August, total 3.55 inches.

KILLING FROSTS, 1935

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	Mar. 8	Nov. 23	260	Lead Hill	Apr. 13	Oct. 24	194
Arkadelphia	Mar. 6	Nov. 23	262	LITTLE ROCK	Feb. 28	Nov. 23	268
Arkansas City	Mar. 12	Nov. 23	256	Lutherville	Mar. 17	Nov. 22	250
Batesville	Mar. 17	Oct. 7	204	Madison	Mar. 29	Nov. 18	234
Bee Branch	Mar. 17	Nov. 18	246	Magnolia	Mar. 12	Nov. 23	256
Benton	....	Nov. 23	...	Mammoth Spring	Mar. 17	Oct. 7	204
Bentonville	Apr. 8	Nov. 5	211	Marianna	Feb. 28	Oct. 7	221
Big Lake Outlet	Mar. 17	Nov. 22	250	Marked Tree	Mar. 8	Nov. 18	255
Black Rock	Mar. 17	Oct. 7	204	Marshall	Mar. 28	Oct. 7	193
Blytheville	Mar. 28	Oct. 7	193	Mena	Mar. 7	Nov. 23	261
Booneville	Mar. 7	Nov. 20	258	Morrilton	Feb. 28	Nov. 23	268
Brinkley	Feb. 28	Nov 23	268	Mountain Home	Mar. 17	Oct. 7	204
Calico Rock	Mar. 17	Nov. 18	246	Mount Ida	Apr. 13	Nov. 20	221
Camden	Feb. 28	Nov. 23	268	Nail	....	Nov. 5	...
Carthage	Feb. 28	Nov. 20	265	Newport	Mar. 8	Oct. 7	213
Centerpoint	Mar. 7	Nov. 23	261	Norman	Apr. 13	Nov. 20	221
Clarendon	Feb. 28	Nov. 23	268	Oden	Mar. 7	Nov. 20	258
Clinton	Mar. 17	Nov. 23	251	Okay	Apr. 13	Nov. 23	224
Conway	Feb. 28	Nov. 23	268	Osceola	Mar. 8	....	...
Cornerstone	....	Oct. 7	...	Ozark	Mar. 17	Nov. 20	248
Corning	Mar. 17	Oct. 7	204	Paragould	Mar. 17	Oct. 7	204
Cotter	Mar. 17	Oct. 7	204	Parkin	Mar. 8	Oct. 7	213
Crossett	Feb. 28	Nov. 23	268	Patterson	Feb. 28	Nov. 22	267
Danville	Mar. 17	Nov. 20	248	Piggott	Mar. 17	....	...
Dardanelle	Mar. 17	Nov. 20	248	Pine Bluff	Feb. 28	Nov. 23	268
Deer	Apr. 10	....	...	Pocahontas	Mar. 17	Nov. 18	246
Dumas	Feb. 28	Nov. 23	268	Portland	Mar. 12	Nov. 21	254
Dutton	Mar. 29	Nov. 5	221	Prescott	Feb. 28	Nov. 23	268
El Dorado	Feb. 28	Nov. 23	268	Quitman	Mar. 17	....	...
England	Feb. 28	Nov. 22	267	Rison	Feb. 28	....	...
Eureka Springs	Mar. 17	Nov. 5	233	Rogers	Mar. 17	Nov. 5	233
Fayetteville	Mar. 28	Nov. 12	229	Rosebud	Mar. 19	Nov. 23	249
Fort Smith	Mar. 7	Nov. 20	258	Saint Francis	Mar. 17	Oct. 7	204
Freeman Spr.	Mar. 28	Nov. 5	222	Searcy	Mar. 17	Nov. 20	248
Fulton	Apr. 13	Nov. 23	224	Springbank	Feb. 28	Nov. 23	268
Georgetown	Mar. 17	Nov. 20	248	Story	Apr. 13	Nov. 22	223
Gilbert	....	Oct. 7	...	Stuttgart	Feb. 28	Nov. 18	263
Glenwood	....	Nov. 23	...	Subiaco	Mar. 7	Nov. 22	260
Grannis	Mar. 7	Nov. 23	261	Sunset	Apr. 8	Nov. 5	211
Gravette	Apr. 13	Nov. 5	206	Texarkana	Mar. 7	Nov. 20	258
Harrison	Mar. 17	Nov. 6	234	Thornburg	Mar. 8	Oct. 7	213
Helena	Feb. 28	Oct. 7	221	Waldron	Mar. 7	Nov. 17	255
Higden	Mar. 17	Nov. 23	251	Warren	Feb. 28	Nov. 23	268
Highland	Mar. 7	Nov. 23	261	Waters	Apr. 13	Nov. 21	222
Hope	Feb. 28	Nov. 23	268	Whitecliffs	Apr. 13	Nov. 23	224
Hot Springs	Feb. 28	Nov. 23	268	Wilson	Mar. 8	Oct. 7	213
Index	Feb. 28	Nov. 23	268	Wooley Hollow	Mar. 17	....	...
Jessieville	Apr. 13	Nov. 23	224	Wynne	Mar. 8	Oct. 7	213
Jonesboro	Mar. 17	Nov. 18	246	Yancopin	Feb. 28	Nov. 23	268

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1935

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	43.6	+ 2.2	86	−11	5.79	+1.50	12.51	0.9	6	14	7	10	n.
February	45.8	+ 2.2	87	8	2.44	−0.88	5.23	T.	6	12	5	11	n.
March	58.7	+ 6.2	90	18	8.29	+3.50	16.35	T.	10	10	8	13	s.
April	60.2	− 1.3	90	29	4.37	−0.52	8.56	T.	9	10	7	13	s.
May	66.7	− 2.3	94	35	8.86	+3.79	16.10	0.0	12	9	8	14	s.
June	74.3	− 2.8	98	36	8.38	+4.29	18.85	0.0	13	10	10	10	s.
July	82.2	+ 1.8	107	53	2.31	−1.47	5.93	0.0	5	17	12	2	s.
August	82.0	+ 2.1	113	46	2.74	−1.91	5.43	0.0	4	18	9	4	s.
September	72.4	− 1.9	103	35	3.13	−0.24	7.43	0.0	5	18	5	7	s.
October	63.9	+ 1.3	95	27	4.94	+1.81	10.69	0.0	9	18	8	10	s.
November	49.8	− 1.7	89	16	3.81	+0.11	8.14	T.	9	8	6	16	n.
December	37.6	− 5.0	73	− 4	2.95	−1.31	5.95	2.8	5	15	5	11	n.
Annual	61.4	0.0	113	−11	57.01	+8.66	18.85	3.7	93	154	90	121	s.

EXCESSIVE PRECIPITATION FOR 1935

Station and date	Total duration		Total amount of precipitation	Excessive rate		Amount before excessive rate began	Depth of precipitation (in inches) during period of time indicated													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Fort Smith, Ark.																				
May 13	7:20 p.m.	4:00 p.m.	1.41	9:35 p.m.	9:53 p.m.	0.04	0.21	0.67	0.96	1.06	1.13	1.14	1.14	1.15	1.18	1.21	1.34	1.35	1.73	1.37
June 16	7:05 a.m.	1:30 p.m.	2.20	12:37 p.m.	12:55 p.m.	1.39	0.14	0.38	0.64	0.81										
Sept. 8	8:20 p.m.	4:50 a.m.	1.28	8:53 p.m.	9:07 p.m.	0.19	0.32	0.68	0.79	0.83	0.85	0.85	0.86	0.88	0.88	0.88	0.90	0.95	0.97	0.98
LITTLE ROCK, ARK.																				
May 14	4:40 p.m.	D.N. p.m.	2.85	4:54 p.m.	5:58 p.m.	0.03	0.26	0.48	0.63	0.70	0.74	0.92	1.00	1.05	1.18	1.35	1.59	1.87	2.05	2.16
Aug. 28	5:59 p.m.	D.N. p.m.	1.37	6:30 p.m.	7:06 p.m.	0.14	0.27	0.45	0.60	0.79	0.91	1.00	1.10	1.13	1.13	1.14	1.16	1.17	1.20	1.21
Memphis, Tenn.																				
June 13	3:12 p.m.	4:00 p.m.	1.52	3:13 p.m.	3:38 p.m.	0.01	0.36	0.78	1.07	1.24	1.40	1.46	1.46	1.50	1.51	1.51	1.51	1.51	1.51	1.51
June 16	7:58 p.m.	10:00 p.m.	1.42	8:12 p.m.	8:39 p.m.	0.19	0.10	0.24	0.50	0.80	0.92	0.99	1.05	1.06	1.07	1.12	1.20	1.22	1.23	1.23
July 20	8:17 p.m.	1:05 a.m.	2.20	9:06 p.m.	8:45 p.m.	0.15	0.17	0.40	0.74	0.91	1.17	1.41	1.55	1.65	1.70	1.77	1.89	1.97	1.99	1.99
Oct. 22	7:15 a.m.	9:20 a.m. 23d	6.47	10:19 a.m.	10:55 a.m.	2.01	0.18	0.40	0.91	1.40	1.68	‡1.96	‡2.18	2.28	2.31	2.33	2.40	2.51	2.62	2.85

‡From defective instrumental record.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1935

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	25.6	8.1	11.0	9.6	7.0	8.3	19.6	6.9	10.7	15.0	8.0	10.0	27.0	6.2	12.2	24.0	5.6	10.1	6.5	3.9	4.7	6.1	3.6	4.3	8.6	4.1	5.1	9.2	4.3	5.9	9.6	6.0	8.1	17.7	6.0	8.8
Arkansas City	37.1	12.2	22.0	37.7	21.1	30.3	50.8	26.2	36.4	51.8	48.0	50.7	47.2	37.6	42.1	48.4	46.7	47.3	48.4	20.4	36.5	22.5	17.2	19.6	16.6	4.5	10.7	4.3	1.1	2.3	17.0	4.4	10.5	15.5	8.2	12.9
Batesville	17.5	5.8	9.6	8.8	6.2	7.3	38.6	6.5	19.1	18.2	8.4	12.3	27.5	7.8	15.6	32.4	12.2	22.1	13.9	6.6	9.3	6.6	5.1	5.6	5.8	4.5	4.9	6.6	4.6	5.2	13.5	6.0	7.9	20.2	5.7	9.3
Big Lake Outlet	16.8	9.5	12.2	16.4	10.6	13.3	19.4	9.2	14.7	17.6	10.7	15.2	13.0	9.2	11.0	13.1	9.1	10.6	12.8	5.5	7.8	5.5	2.3	4.0	3.5	3.0	3.2	4.0	3.1	3.3	4.1	3.9	4.0	5.2	4.0	4.5
Black Rock	18.1	3.8	8.5	11.7	4.1	6.5	26.7	3.7	17.7	21.4	5.9	13.8	22.9	5.2	15.6	22.4	13.0	19.3	18.8	6.8	11.6	7.2	3.1	4.3	3.5	2.2	2.6	4.0	2.1	2.7	7.8	3.5	4.9	9.9	3.0	4.9
Calico Rock	8.3	0.8	3.8	3.1	1.0	1.8	41.8	1.4	12.4	9.6	2.4	6.2	18.5	2.4	8.2	28.4	5.8	15.3	6.8	1.2	3.4	2.2	0.3	0.9	0.7	-0.1	0.3	1.7	-0.1	0.6	7.8	1.0	3.0	12.9	1.0	3.8
Camden	37.1	11.0	21.4	24.5	12.1	17.8	29.0	11.0	20.1	28.1	12.1	19.7	39.0	14.1	26.4	33.0	13.2	21.6	13.0	4.0	5.7	5.7	3.9	4.4	10.1	3.9	5.0	12.0	4.5	5.8	15.5	8.4	11.5	25.3	7.1	13.1
Clarendon	26.3	15.4	19.2	26.3	18.9	23.3	33.7	17.0	26.4	33.2	25.8	29.7	29.0	23.8	27.2	32.0	27.5	29.6	31.5	18.9	25.2	18.5	9.5	12.5	9.7	7.9	8.7	11.6	7.7	8.7	17.5	11.6	13.9	23.0	12.8	17.9
Cotter	8.5	3.5	5.3	4.8	3.5	4.0	35.2	3.6	11.7	9.8	4.2	6.3	12.1	4.3	7.5	25.5	6.2	14.2	7.5	3.7	5.0	3.8	2.8	3.2	3.8	2.7	3.0	4.1	2.7	3.0	8.8	3.2	4.7	9.9	3.6	5.0
Danville	24.7	3.1	10.6	9.2	4.4	5.8	26.7	5.6	17.0	22.2	5.4	14.4	29.5	6.0	16.8	30.0	4.6	13.5	8.8	2.4	3.6	4.0	1.9	2.3	2.1	1.2	1.7	7.1	1.4	2.7	3.8	1.9	2.6	23.3	2.1	7.4
Dardanelle	11.7	4.1	7.1	7.4	4.4	5.2	22.4	4.5	13.9	12.1	6.9	9.2	22.5	10.1	16.8	29.5	17.0	24.2	19.8	7.0	11.2	7.8	5.5	6.4	11.0	5.2	7.4	9.4	5.1	7.0	12.3	6.2	8.8	18.5	5.9	10.1
Fort Smith	12.6	5.0	7.8	9.8	5.4	6.4	25.4	5.7	13.9	13.5	6.3	9.3	25.8	9.3	17.6	34.4	17.7	25.6	21.3	5.6	9.9										13.0	5.9	8.8	18.9	5.6	9.7
Van Buren																						9.1	6.4	7.4	12.5	6.3	8.5	10.7	5.6	7.8	14.4	7.0	10.1	20.3	6.6	10.9
Fulton	22.2	7.1	12.7	15.0	7.5	9.4	21.2	9.1	16.3	21.5	7.9	12.8	34.1	22.4	29.7	34.8	14.4	26.3	24.2	7.8	12.5	8.9	6.3	7.4	11.5	6.2	8.2	10.2	5.6	6.5	13.0	6.2	9.2	23.6	7.1	12.6
Georgetown	20.7	5.8	12.0	19.9	7.4	12.5	31.3	6.4	21.9	27.0	13.7	21.8	24.1	11.2	21.1	27.7	21.5	25.0	24.0	10.3	16.9	10.0	2.9	5.4	3.9	1.7	2.5	6.6	1.5	2.7	12.6	5.4	8.4	19.5	8.0	12.7
Gilbert																			5.4	3.2	3.8	3.3	3.0	3.1	3.0	2.9	3.0	3.3	2.9	3.0	3.8	3.3	3.4	11.4	3.3	4.2
Helena	38.0	12.9	22.3	38.1	19.6	27.6	49.1	24.7	36.5	49.2	41.9	47.9	44.5	26.9	37.5	45.0	40.4	42.2	41.8	18.4	30.8	23.3	15.8	20.6	18.8	6.2	11.9	5.7	3.1	4.4	20.4	5.3	12.4	19.5	10.6	14.3
Index	17.5	6.6	9.7	9.3	7.3	8.4	19.8	9.1	13.5	19.0	8.1	11.2	31.1	17.9	24.9	30.7	13.5	22.4	15.8	8.7	11.7	10.0	7.3	8.3	12.7	7.2	9.3	9.4	6.8	7.5	10.8	6.7	8.1	22.1	7.2	11.0
LITTLE ROCK	12.3	0.5	5.1	5.0	1.3	2.4	21.2	1.3	13.0	12.9	4.2	8.0	22.3	10.2	17.2	28.2	13.8	23.2	19.0	3.2	8.7	3.5	1.6	2.5	6.5	1.6	3.3	6.4	1.2	3.0	9.3	2.6	5.3	18.0	2.5	7.8
Madison	22.5	8.2	13.1	22.9	13.7	18.5	33.0	12.3	21.3	33.4	26.9	31.6	25.6	18.5	21.5	26.0	21.7	23.8	23.5	6.5	16.0	6.5	2.7	4.6	2.6	1.3	1.8	8.6	1.0	2.3	3.1	2.5	2.8	3.6	2.7	3.2
Marked Tree	9.2	5.6	6.8	8.1	6.6	7.4	11.7	6.3	8.8	13.2	6.7	10.4	8.1	5.9	6.7	8.1	5.8	6.8	6.1	4.4	5.2	4.8	2.7	4.2	2.8	1.4	2.4	3.2	1.9	2.4	3.8	3.2	3.5	3.9	3.7	3.5
Morrilton	10.2	0.4	4.5	4.2	1.2	2.2	22.3	1.2	12.9	11.6	3.5	7.3	22.3	9.4	16.5	29.2	14.4	23.6	18.6	1.8	7.6	2.6	0.0	1.0	6.8	0.0	2.4	5.9	-0.4	2.0	9.1	1.2	4.6	17.2	0.8	6.6
Newport	19.2	3.1	9.4	13.4	4.0	7.0	33.7	3.7	22.0	25.7	7.5	17.7	26.6	6.3	20.5	31.0	19.1	26.3	20.3	7.0	12.3	6.3	2.0	3.3	2.5	1.0	1.6	3.4	0.9	1.7	9.9	3.0	5.3	18.0	3.0	7.6
Ozark	8.4	1.1	3.9	4.9	1.2	2.3	22.1	1.3	10.6	9.9	3.2	6.1	20.9	6.3	14.1	31.1	15.3	22.6	18.3	2.5	7.0	3.4	1.3	2.0	7.3	1.3	3.4	5.9	1.1	2.9	9.8	2.4	5.2	15.6	2.0	6.5
Parkin	18.9	7.8	12.0	19.1	11.7	16.1	28.6	10.4	18.1	29.1	20.9	26.4	20.0	13.8	16.7	10.0	15.5	17.8	17.9	5.6	12.4	5.5	3.1	4.4	2.9	1.9	2.5	5.9	1.9	2.7	3.9	3.2	3.4	3.8	3.5	3.7
Pine Bluff	15.8	4.8	9.3	9.5	5.6	7.0	24.6	5.5	16.7	19.5	8.9	12.6	24.9	14.1	20.6	33.0	18.4	26.6	25.1	8.8	14.4	8.7	6.3	7.6	11.0	6.1	8.0	10.8	5.1	7.2	13.7	6.6	9.6	20.9	5.8	11.4
St. Francis	21.7	10.8	15.3	18.8	8.1	12.3	28.2	7.2	17.4	20.4	10.3	16.5	21.6	9.8	17.7	22.8	17.0	19.5	20.2	8.7	12.7	9.2	3.9	5.6	4.9	3.3	3.8	5.5	3.3	4.1	14.7	5.5	8.9	12.6	5.6	7.8
Whitecliffs	27.9	4.7	14.2	14.1	3.6	6.6	24.9	6.1	18.2	24.4	3.6	12.6	29.6	23.2	25.9	28.6	7.2	21.4	21.0	1.2	5.3	2.0	0.2	0.8	2.5	0.2	0.4	11.3	0.4	1.7	16.2	3.0	8.4	25.7	2.0	11.2

MISCELLANEOUS PHENOMENA, 1935

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Flood Damage			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January	....	....	....	....	....	38	7	49	13	11	3	....	...	2	2	$ 2,000	3	1	0	6	$ 15,500	......	......	$ 17,295	.....	....
February	....	....	....	....	....	33	6	54	12	43	4	....	....	......	......	....	3	3	0	4	22,500	......	......	961.600	.....	....
March	1	1	1	1	....	259	20	11	9	8	1	....	....	......	......	....	3	2	0	9	18,000	......	......	....	.....	....
April	5	4	12	3	$ 30,500	218	21	14	8	....	....	....	....	5	2	$ 21,800	3	2	4	23	132,700	......	......	237.565	1	....
May	.	.	1	1	$ 400	321	25	10	8	....	....	....	.	1	1	$ 5,000	1	1	3	15	100.000	......	......	2.029.150	.....	....
June	....	....	3	3	$ 17,000	384	26	2	2	....	....	....	....	......	......	....	1	1	0	3	75.000	......	......	....	.....	....
July	1	1	....	....	....	333	28	1	1	....	....	....	...	......	......	....	......	......	......	......	....	......	......	....	.....	....
August	....	....	....	....	.....	193	22	4	4	....	....	....	....	......	......	....	......	......	......	......	....	......	......	....	.....	....
September	....	....	....	....	....	33	14	..	..	....	....	....	....	......	......	....	......	......	......	......	....	......	......	....	.....	....
October	1	1	....	....	....	179	23	17	7	....	....	....	....	......	......	....	1	1	0	0	1,500	......	......	....	.....	....
November	....	....	....	....	....	56	14	28	13	3	1	1	1	......	......	....	......	......	......	......	....	......	......	11,500	.....	....
December	....	....	....	....	....	4	3	37	9	59	7	5	3	......	......	....	......	......	......	......	....	......	......	....	.....	....
Year	8	7	17	8	$ 47,900	2051	209	227	86	124	16	6	4	8	5	$ 28,800	15	11	7	60	$ 365 200	......	......	3,257,110	1	

W.B.O..Little Rock, Ark.2--14--36-1300.

5

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLI   Little Rock, Ark., January, 1936   No. 1

Price: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

This was the coldest January since 1930 and the driest since 1911, which was the driest on record. Mild weather prevailed the first half of the month, with departures considerably above normal from the 10th to the 17th, but much colder weather overspread the State on the 18th and continued with but little interruption until the end of the month. Means were considerably lower in central and eastern portions, with a number of days with the maximum temperature below freezing. The average temperature for the State, based on the reports of 56 stations, was 37.1° which is 4.2° below the mean for the past 46 years. All stations had negative departures which ranged from 1.8° below normal at Hot Springs to 8.2° below at Blytheville. The highest temperature reported was 83° at Magnolia on the 16th; the lowest, 1° below zero at Portland on the 24th, and at three other stations later in the month. The greatest daily range was 47° at Okay on the 11th.

Precipitation was generally light to moderate the first ten days of the month with a few stations reporting heavy rains on the 6th, while during the latter half it was mostly in the form of sleet or snow. The average snowfall for the State for the 92 stations reporting was 3.5 inches which is the highest average for January since 1930. The greatest depth for the month reported was 8.8 inches at Warren, with two other stations in the southeastern portion having monthly totals of 8.0 inches. The average precipitation for the 91 stations reporting was 1.05 inches which is 3.17 inches below the mean for the past 46 years. Monthly totals ranged from 0.13 inch at Fayetteville to 4.59 inches at Crossett. Stations in the northern portion generally had monthly amounts of less than one inch with a number reporting less than one-half inch, while the southeastern portion had the heaviest rainfall. The average number of rainy days was 5 which is two less than the normal. Streams remained at low stages during the month and some were frozen in the northern portion during the latter part.

The weather the first half of the month was favorable for out-door activities, fields being cleaned and some plowing done in central and southern portions, while the latter half was too cold, the ground being frozen most of the time especially in central and northern portions. The snow cover protected wheat, oats, meadows, and winter truck where heavy enough but these crops have been badly frozen in many localities.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	3	5	5	.	.	4	2	6	3	2	.	.	.	.	.	.	5	.		.	.	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.
Glaze	.	.	.		.	.	1	.	.	.		.	.	.	.	.		.	.	.	.	.	.	.	.	2	.	1	1	.	.
Sleet	1	1		.	.	.	2	2	.	.	.	.	.	.		.	.	11	2		.	.	1	1	4	10	1	3	8	2	.
Thunderstorms	1	.	.	.	3	2	7	.	.	.	.	6	2	.	.	.	1	6	.		.	.	.	.			.		.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30.05	30.69	27	29.47	17	9.0	24	sw	13	..	..	..	52
Fort Smith	30.07	30.66	27	29.51	5	8.9	29	w	17	79	62	59	54
Little Rock	30.10	30.71	27	29.59	17	8.6	25	sw	12	75	55	57	59
Memphis	30.09	30.71	27	29.61	17	8.8	26	n	22	75	63	61	55

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or	Clear	Partly Cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	6.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48.6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3.19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42.7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.86	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
Period	41.3	90	−28	4.22	1.9	7	12	6	13

Daily River Stages for January, 1936

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	...Arkansas...	22	5.5	5.5	5.6	5.6	5.4	5.4	5.4	5.6	5.3	6.0	5.8	5.7	5.6	5.6	5.5	5.3	5.3	5.3	5.3	5.1	5.0	5.0	5.1	5.0							
Van Buren ...			6.7	6.7	6.8	6.8	6.6	6.8	6.8	7.0	7.0	7.2	7.0	6.9	6.8	6.8	6.8	6.6	6.6	6.6	6.6	6.4	6.2	6.1	6.2	6.1	6.0	6.0	6.0	5.9	6.1	5.8	5.7
Ozark	......do......	22	2.0	1.8	1.7	2.0	2.0	2.0	2.0	2.1	2.4	2.7	2.6	2.3	2.1	2.1	2.1	2.0	2.0	1.8	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
Dardanelle	......do......	22	5.8	5.8	5.6	5.7	5.9	5.9	5.8	5.8	5.9	6.4	6.5	6.3	6.1	6.0	5.9	5.8	5.4	5.4	5.4	5.4	5.4	5.3	5.1	5.1	5.1	5.0	5.0	4.9	4.8	4.5	4.2
Morrilton	......do......	20	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.6	0.6	0.7	1.5	1.3	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.0	-0.1	-0.1	-0.2	-0.2	-0.4	-0.5	-0.6	-0.9
Little Rock	......do......	23	2.4	2.3	2.3	2.4	2.4	2.5	2.3	2.4	2.3	2.4	2.6	2.9	2.9	2.7	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.6	1.5	1.4	1.3	1.2
Pine Bluff	......do......	25	5.7	5.6	5.5	5.4	5.5	5.5	5.5	5.6	5.5	5.4	5.5	5.8	6.1	6.1	5.8	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.2
Danville	. Petit Jean.	20	3.2	3.2	3.1	3.0	3.5	3.5	3.4	3.3	3.2	4.0	4.0	3.9	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.2

Climatological Data for January, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Amity	Clark	500	41	39.2	-4.2	72	11	14	28†	44	0.68	-3.76	0.25	3.2	6	9	13	9	ne.	J. W. Campbell
Arkadelphia	Clark	200	41	....	....	....	....	....	....	....	1.02	-3.81	0.46	7.0	7	21	1	9	ne.	W. K. Bown
Arkansas City	Desha	145	52	....	....	....	....	....	....	....	3.50	-0.95	1.76	8.2	7	21	0	10	....	Herbert Neff
Batesville	Independence	277	37	33.6	-5.2	69	12	2	30†	41	0.93	-3.75	0.34	5.3	6	13	9	9	sw.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	36.2	-4.8	70	13	8	28	41	0.42	-4.13	0.15	3.0	4	14	9	8	n.	J. E. Scanlan
Benton	Saline	285	1	....	....	....	....	....	....	....	1.24	....	0.41	3.6	9	20	1	10	....	S. A. Burks
Bentonville	Benton	1303	31	32.0	-4.2	68	12	2	27	30	0.32	-2.42	0.11	1.1	5	7	7	17	nw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	6	....	....	....	....	....	....	....	1.26	....	0.59	2.0	5	13	5	13	....	C. J. Brooks
Black Rock	Lawrence	259	35	....	....	....	....	....	....	....	0.36	-4.25	0.08	2.5	6	17	2	12	n.	Vernon C. Howe
Blytheville	Mississippi	252	11	33.6	-8.2	68	12	1	27	33	0.94	-4.98	0.50	2.1	6	18	3	10	n.	Samuel Norris
Booneville	Logan	465	22	38.0	-3.8	72	12	7	20	41	0.81	-2.79	0.56	4.0	3	10	14	7	w.	F. H. Randolph
Boughton	Nevada	200	1	....	....	....	....	....	....	....	1.26	....	0.56	4.7	5	16	4	11	....	Harry Buie
Brinkley	Monroe	205	49	38.0	-4.4	71	12	8	24	38	1.15	-4.04	0.44	2.4	6	15	4	12	ne.	R. J Torry
Calico Rock	Izard	361	32	34.0	-3.0	70	12	5	27†	39	0.53	-3.94	0.25	1.6	7	12	10	9	n.	W. M. Jones
Camden	Ouachita	116	51	41.2	-2.8	74	17	6	31	41	1.30	-3.44	0.31	7.0	7	15	4	12	sw.	J. M. Knight
Carthage	Dallas	297	31	39.4	-5.4	71	12†	6	31	41	1.19	-3.69	0.47	6.0	4	8	17	6	s.	P. K. Wylie
Center Point	Howard	591	37	39.5	-5.7	70	17	4	30	38	0.15	-4.07	0.10	1.0	2	19	5	7	e.	John C. Floyd
Clarendon	Monroe	172	32	....	....	....	....	....	....	....	1.50	-3.14	0.52	1.8	9	12	7	12	n.	J. W. Bishop
Clinton	Van Buren	516	15	....	....	....	....	....	....	....	0.53	-4.04	0.35	3.1	3	10	12	9	n.	A L. Stephens
Conway	Faulkner	309	53	38.2	-4.0	72	12	11	24	39	1.07	-3.64	0.31	4.4	6	16	8	7	s.	E. E Cordrey
Cornerstone ‡‡	Jefferson	195	25	39.2	....	70	12†	5	31	38	1.32	-3.81	0.50	3.5	6	20	2	9	n.	P. B. Hutchens
Corning	Clay	293	43	83.0	-5.2	70	12	-1	24†	32	0.91	-3.82	0.44	2.5	4	9	2	20	w.	Winfred D. Polk
Cotter	Baxter	440	9	....	....	....	....	....	....	....	0.61	....	0.23	2.0	4	12	6	13	....	O. B. McSpadden
Crosset (near)	Ashley	175	24	41.8	-4.4	75	12†	2	31	42	4.59	-0.19	1.45	7.1	10	13	6	12	n.	U. S. Forest Service
Danville	Yell	327	20	....	....	....	....	....	....	....	0.65	-3.29	0.30	3.6	5	13	6	12	....	J. M. Patterson
Dardanelle	Yell	330	50	37.6	-3.8	71	12	11	31	38	0.41	-3.21	0.22	2.2	5	6	10	15	e.	Geo N. Goodier
De Queen	Sevier	....	1	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	E. B. Smith
Dumas	Desha	162	31	40.8	-4.1	75	12†	7	31	36	3.45	-1.57	2.10	7.5	11	16	6	9	n.	Ben Johnson
Dutton	Madison	1590	34	33.4^{g}	-2.6	67	12	0^{n}	31	36^{n}	0.67	-3.10	0.28	2.0	6	9	15	7	n.	J. M. Ricketts
El Dorado	Union	270	36	43.6	-2.8	75	16†	12	30	42	1.90	-2.83	0.53	5.0	7	17	5	9	n	L. E. Ellis
England	Lonoke	229	30	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	83.5	-5.1	70	12	0	27	37	0.30	-2.90	0.17	1.8	3	12	7	12	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	33.8	-4.6	69	12	3	31	31	0.13	-2.87	0.05	0.7	4	7	13	11	sw.	University of Arkansas
Fort Smith	Sebastian	457	55	37.0	-2.5	72	12	14	27	31	0.22	-2.32	0.12	2.0	7	9	13	9	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	12	....	....	....	....	....	....	....	0.97	-3.59	0.41	5.0	6	15	5	11	ne.	R. J. McCuiston
Fulton	Hempstead	260	51	....	....	....	....	....	....	....	1.08	-3.55	0.30	5.0	5	17	3	11	....	T. J. Logan
Georgetown	White	200	24	....	....	....	....	....	....	....	1.40	-3.62	0.61	0.9	6	14	7	10	....	Mrs. W. R. Owens
Gilbert	Searcy	600	10	....	....	....	....	....	....	....	0.41	....	0.15	3.0	5	14	2	15	....	F. J. King
Glenwood	Pike	547	1	....	....	....	....	....	....	....	0.82	....	0.18	3.5	7	13	12	6	....	C. A. Price
Grannis	Polk	900	17	38.6	-3.4	71	11	8	31	44	0.56	-4.24	0.25	2.6	8	11	11	9	ne.	W. E. McVay
Gravette	Benton	1250	39	30.4	-6.7	69	12	-1	30	43	0.67	-2.11	0.39	1.2	3	13	10	8	se.	Max W. Schmidt
Harrison	Boone	1052	36	33.4	-3.5	70	12	2	31	36	0.44	-2.73	....	3.0	5	14	6	11	s.	Louis R. Keck
Heber Springs	Cleburne	....	1	....	....	....	....	....	....	....	0.81	....	0.35	3.5	6	12	6	13	....	R. L. Black
Helena	Phillips	300	64	38.8	-4.4	72	17	7	31	40	2.96	-2.20	1.98	5.0	8	10	9	12	ne.	James A. Burnett
Higden	Cleburne	445	17	....	....	....	....	....	....	....	0.98	-3.60	0.41	3.2	5	14	3	14	n.	Trumon Brown
Highland	Pike	491	17	41.4	....	76	13	13	19†	37	0.46	....	0.25	2.7	4	3	19	9	e.	J. O. Cooley
Hope	Hempstead	354	66	40.8	-4.9	72	17	12	31	39	0.50	-4.30	....	5.7	5	19	2	10	sw.	N. P O'Neal
Hot Springs	Garland	600	45	41.8	-1.8	72	11†	13	24	31	0.86	-4.00	0.33	2.0	7	5	21	5	n.	National Park Service
Index ‡‡	Little River	275	19	....	....	....	....	....	....	....	0.79	-2.81	0.28	7.0	8	19	0	12	....	H. C. Sanderson
Jessieville	Garland	750	10	....	....	....	....	....	....	....	0.60	....	0.21	1.7	5	12	9	10	sw.	U. S Forest Service
Jonesboro	Craighead	345	41	35.1	-5.5	71	12	5	27	34	0.64	-4.38	0.22	2.8	6	14	7	10	sw.	Benedictine Sisters
Lead Hill	Boone	650	30	31.8	-6.6	69	12†	0	27†	45	0.26	-2.25	0.21	0.2	3	11	10	10	e.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	57	38.2	-3.2	71	12	10	24	31	0.93	-3.80	0.42	1.4	6	9	11	11	e.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	37	36.4	-3.9	72	12	10	24†	33	0.58	-3.35	0.28	4.5	3	13	8	10	ne.	H G. Lenhardt
Madison	St. Francis	209	6	....	....	....	....	....	....	....	2.00	....	0.57	2.7	7	12	1	18	....	J. W. Eppes
Magnolia	Columbia	315	20	45.4	-2.2	83	16	11	31	41	1.10	-3.46	....	6.0	5	19	14	7	n.	State Agri. School
Mammoth Spring	Fulton	600	32	33.2	-4.6	65	13	0	27	38	0.38	-3.08	0.21	0.8	5	12	13	6	se.	S. F. Whittaker
Marianna	Lee	235	25	38.6	-3.9	71	12†	10	24†	36	2.24	-2.65	0.85	2.0	6	20	5	6	n.	C. N. Houck
Marked Tree	Poinsett	229	32	33.8	-5.7	68	12	5	27	33	0.92	-4.77	0.22	2.6	6	11	9	11	s.	Charles Walton
Marshall	Searcy	1070	22	....	....	....	....	-1	30	..	0.42	-3.13	0.22	6.0	4	18	1	12	sw.	A. J. Parks
Mena	Polk	1207	48	38.6	-3.0	67	12	11	30	32	0.74	-3.20	0.41	3.1	7	14	9	8	nw.	E. W. St. John
Morrilton	Conway	347	17	....	....	70	12	..	..	..	0.51	-3.35	0.22	2.9	4	13	9	9	nw.	Hugh B. Wear
Mountain Home	Baxter	800	24	32.7	-5.4	72	12	0	27†	41	0.14	-3.19	0.10	0.5	2	7	7	17	nw.	B. S. Halbert
Mount Ida ††	Montgomery	650	37	37.5	-3.9	74	11	5	28†	46	0.41	-3.93	0.13	3.5	5	14	5	12	w.	G. A. Whittington
Nail	Newton	2233	28	31.2	-5.0	66	12	1	27	28	0.33	-3.64	0.22	2.8	2	19	3	9	s.	Charles Paxton
Newport	Jackson	231	53	35.8	-4.0	71	12	7	27	36	0.68	-4.56	0.32	1.9	6	11	11	9	s.	J. D. Henderson
Norman	Montgomery	750	8	....	....	....	....	....	....	....	0.87	....	0.40	3.7	4	13	8	10	s.	U. S. Forest Service
Oden	Montgomery	800	10	....	....	....	....	....	....	....	0.70	....	0.40	7.0	2	11	4	16	nw.	U. S. Forest Service
Okay	Howard	288	8	40.1	....	75	17	8	31	47	0.71	....	0.22	5.0	6	19	3	9	ne.	Charles R. Jackson
Ozark	Franklin	396	41	36.2	-4.6	74	12	10	31	39	0.92	-1.98	0.50	5.2	3	13	4	14	w.	Orkney O. Milton
Paragould	Greene	275	13	....	....	....	....	....	....	....	0.25	-5.03	0.12	2.2	3	12	7	12	nw.	W. R. Heagler
Parkin	Cross	222	6	....	....	....	....	....	....	....	1.50	....	0.39	1.0	7	15	1	15	....	Carroll King
Patterson	Woodruff	204	20	....	....	....	....	....	....	....	1.28	-4.04	0.87	2.2	5	18	5	8	n.	W. E. Baker
Pine Bluff	Jefferson	215	49	41.2	-2.7	74	12	13	28	35	1.28	-3.91	0.35	5.0	7	14	11	6	nw.	Miss Theresa Scheu
Pocahontas	Randolph	300	43	32.9	-6.0	67	12	0	27	36	1.11	-3.44	0.35	4.0	8	14	5	12	ne.	Benedictine Sisters
Portland	Ashley	122	30	41.2	-5.8	76	17	-1	31	40	3.55	-1.14	1.02	8.0	6	15	7	9	sw.	W. E. Edmiston
Prescott	Nevada	318	48	42.0	-2.6	74	17	13	31	42	0.83	-3.91	0.25	4.3	6	13	9	9	e.	Craig Williams
Rogers (near)	Benton	1300	46	32.8	-4.6	69	12	0	31	38	0.18	-2.48	0.10	1.2	3	14	5	12	n.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	....	....	....	....	....	....	....	0.25	....	0.25	T.	1	15	7	9	s.	Miss Clarice Maddox
St. Francis	Clay	290	9	....	....	....	....	....	....	....	1.22	....	0.37	2.5	9	18	2	11	....	S. T. Rooney
Searcy	White	245	26	37.2	-3.6	72	12	9	24†	42	1.22	-3.57	0.53	1.4	8	16	7	8	ne.	Arthur D. Smith
Springbank	Miller	240	27	....	....	....	....	....	....	....	1.24	-2.77	0.50	6.0	6	15	4	12	....	Henry Field
Story	Montgomery	650	12	....	....	....	....	....	....	....	0.73	-3.29	0.32	0.7	5	16	10	5	ne.	S. C Story
Stuttgart	Arkansas	209	49	39.0	-4.0	73	12	10	24†	39	1.31	-3.73	0.40	4.0	7	19	6	6	ne.	Mrs. B. E. Swim
Subiaco	Logan	750	39	38.0	-3.7	73	12	10	20	37	1.17	-2.44	0.85	5.5	2	12	11	8	ne.	New Subiaco Abbey
Sunset	Washington	2 250	5	32.7	....	69	12	2	27	27	0.26	....	0.09	1.3	6	14	10	7	sw.	Walter James
Texarkana	Miller	332	51	41.1	-5.2	74	17	10	19	39	1.87	-2.21	1.15	6.0	4	16	5	10	n.	H. S. Brashear
Thornburg	Perry	650	16	36.0	-4.7	70	11	2	28	41	0.41	-3.99	..	3.4	7	12	7	12	s.	Edward E. Holmes
Waldron	Scott	675	17	....	....	....	....	....	....	....	0.81	-3.02	0.42	5.9	4	10	7	14	....	Dr. Cheves Bevill
Warren	Bradley	206	42	40.6^{c}	-4.8	73^{c}	12†	7^{c}	31	39^{c}	3.39	-1.43	..	8.8	8	13^{b}	9^{b}	7^{b}	....	Miss Sue Hoyle
Waters	Montgomery	840	12	....	....	....	....	....	....	....	0.53	-4.07	0.39	3.0	2	15	9	7	....	J. R. Huddleston
Whitecliffs	Little River	290	30	....	....	....	....	....	....	....	....	....	....	3.5	..	21	0	10	....	William W. Davis
Wilson	Mississippi	237	11	35.4	-6.3	67	12†	3	27	35	1.96	-3.71	0.90	1.5	6	14	2	15	n.	D. O. Anderson
Wynne	Cross	250	28	....	....	....	....	....	....	....	1.40	-3.76	0.40	4.0	5	..	..	..	....	R. T. Cobbs
Yancopin	Desha	167	12	....	....	....	....	....	....	....	3.36	-1.63	2.04	4.8	9	16	2	13	....	W. E. Barton
State Means				37.1	-4.2	83	16	-1	24†	47	1.05	-3.17	2.10	3.5	5	14	7	10	n.	

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud Mt. Vernon, Route 2. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hour ending 7 a. m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for the period to 1935, inclusive.

Daily Precipitation for January, 1936

Stations	Drainage-basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity	Ouachita	.06					.08		.17					.25						.04											.08		0.68
Arkadelphia	Ouachita	.07	.03				.02		.46					.11						.15										T.	.18		1.02
Arkansas City	Mississippi	T.	.29				1.76		.50											.20							.02	.03		T.	.70		3.50
Batesville	White		.34				.11		.12											.15										.18	.03		0.93
Bee Branch	Arkansas		.15			T.			.10										*.12*											*.05*			0.42
Benton	Saline	.02	.15				.06		.41					.30						.12							.02			.04	.12		1.24
Bentonville ***	Arkansas	.10		T.		.09	T.		.02										T.	T.				T.					.03	.08			0.32
Big Lake Outlet	St. Francis		.26		T.		.21		.59					T.						.15			T.							.05	T.		1.26
Black Rock	White		.05				.07	T.	.07										T.	.08					T.					.06	.03		0.36
Blytheville	St Francis		.01		.02		.20		.50											*.17*					T.					*.04*	T		0.94
Booneville	Arkansas								.56										.22											.03			0.81
Boughton	Ouachita		.07						.19											.56							T.	T.		.05	.39		1.26
Brinkley	White		.22				.15		.44					.19						.09										T.	.06		1.15
Calico Rock	White		.28		.05		.01		.10									T.		.06				T						.02	.01		0.53
Camden	Ouachita	.31	.20						.21											.16								.15		.04	.23		1.30
Carthage	Ouachita	.47						T.	.29										.26								T.			T.	.17		1.19
Center Point	Red								.10										.05	T.													0.15
Clarendon	White	.02	.28				.18		.52					.26						.07							.06			.03	.08		1.50
Clinton	White	.35																T.	.12											.06			0.53
Conway	Arkansas		.31						.21					.09					.31	.11										.04			1.07
Cornerstone	Arkansas						.15	.50					.30						.12							.07				.18			1.32
Corning	White		.22			T.			.44											*.15*					T.	T.				*.10*			0.91
Cotter	White		T.				.22		.23											.05											.11		0.61
Crossett [near]	Ouachita	.17	.17			.24	1.45	T.	.96										.16	.21							.17			.63	.43		4.59
Danville	Arkansas	.03	T.						.28					.01						.30											.03		0.65
Dardanelle	Arkansas	.03	.03		.02				.11											.22													0.41
De Queen	Red																													.03	.11		....
Dumas	Mississippi	.08	.15			.03	2.10		.43					.01					.05	.17						T.	.12			.07	.24		3.45
Dutton	White	.08	.14		.02				.28										*.09*											.07	T		0.68
El Dorado	Ouachita	.15					.09		.24											.42							.10			.53	.37		1.90
England	Arkansas	.02	.08			.04			.22																								....
Eureka Springs	White			.10					.03																					.17			0.30
Fayetteville	White	.02	.05	T.			T.		.01										T.	T.				T.						.05			0.13
Fort Smith ***	Arkansas	.02	.02	.01		T.		.03	.01										.12										T.	.01			0.22
Freeman Sprgs.	Arkansas		.28				T		.20										.01	.41										.03	.04		0.97
Fulton	Red		T						.26											.25							T.	.12		.15	.30		1.08
Georgetown	White		.61				.09		.37					.14						.09										.10			1.40
Gilbert	White		.08		T.		.03		T.											.15										.10	.05		0.41
Glenwood	Ouachita	.09					.07	.13					.18							.10											.12	.13	0.82
Grannis	Red	.04	.04					.02	.25									T.	.05	.04										.05	.07		0.56
Gravette	Arkansas		.39				.16																							.12			0.67
Harrison	White	.05	.07				.02												*.10*											*.20*			0.44
Heber Springs	White		.35	T.			.03		.10									T.	.23											.08	.02		0.81
Helena	Mississippi		.23				1.98		.14					.09						.19							.03			.04	.26		2.96
Higden	White	.30	.41			.08													*.12*											*.07*	T.		0.98
Highland	Ouachita								.10											.06										.05	.25		0.46
Hope	Red	.10																	*.05*	*.15*						T.				*	.20		0.50
Hot Springs	Ouachita	.02	.09			.02			.16					.33						.13											.11		0.86
Index	Red		.03					.15												.11						.03	.03	.08		.08	.28		0.79
Jessieville	Ouachita		.10	T.					.21					.10						.15											.04		0.60
Jonesboro	White		.22				.02		.22	T										*.14*					T.					.03	*.01*		0.64
Lead Hill	White	T.	.03	T.					.21										T.					T.						.02			0.26
Little Rock ***	Arkansas	.23	T			.03		.42	T.				.15						.08							T.	T.		T.	.02			0.93
Lutherville	Arkansas				T.				.28										.26											.04			0.58
Madison	St. Francis	T.	.37	T.			.57		.56					.29						.15							T.			.04	.02		2.00
Magnolia	Red	.20							.20											.20											*	.50	1.10
Mammoth Spg	White		.21																	.03					.02					.08	.04		0.38
Marianna	St. Francis	.40	.20				.58		.85											*.08*										.13			2.24
Marked Tree	St. Francis		.22				.14		.19					.16						.16										T.	.05		0.92
Marshall	White						.02		.22									T.	.11											.07			0.42
Mena	Ouachita	.04	.06	.01	T.				.41	T				T.						.11											.02	.09	0.74
Morrilton	Arkansas	T	.15						.22											.10										T.	.04		0.51
Mountain Home	White		.10																T.					T						.04			0.14
Mount Ida	Ouachita	.08																	.13	.10										.05	.05		0.41
Nail	White	T.																	.22											.11			0.33
Newport	White		.24				.03		.32											.06										.01	.02		0.68
Norman	Ouachita		.40						.10											.25										.12			0.87
Oden	Ouachita									T.				T.						*.40*											*.30*		0.70
Okay	Red		.02						.13										.10	.22										.04	.20		0.71
Ozark	Arkansas		.15	T.					.50											.27											T.		0.92
Paragould	St. Francis		.12			T.			T.											.08						.05							0.25
Parkin	St. Francis		.36				.39	T.	.38					.27						.05										.02	.03		1.50
Patterson	White								.87					.23					.08	.04											.06		1.28
Pine Bluff	Arkansas	.02	.35				.05		.35					T.						.25						T	T.	.01		T	.25		1.28
Pocahontas	White	.05	.35				.10		.20										.20	.10				.01						.10			1.11
Portland	Ouachita		.51				1.02		.56											.39								.05			1.02		3.55
Prescott	Ouachita		.05						.18											.20								.10		.05	.25		0.83
Rogers (near)	White	.04				.04																								.10			0.18
Rosebud	Arkansas	T.	.25																T.										T.				0.25
St. Francis	St. Francis		.18		T.		.37	T.	.27									T	.10	.04				.04	.06					.06	.10		1.22
Searcy	White	.06	.17			.03	.03		.53					.24				.07												.09			1.22
Springbank	Red	.06	.08	T.					.25											.30							T.	T.		.05	.50		1.24
Story	Ouachita		.32											.18					.03	.10											.10		0.73
Stuttgart	Arkansas	.05	.31				.15		.40					.10						.12										T.	.18		1.31
Subiaco	Arkansas	T.	T.					T.	.32										.85	T.										T.	T		1.17
Sunset	Arkansas	.05	.03		T.		.01		.05										.09											.03			0.26
Texarkana	Red								.20											.30							.22			1.15			1.87
Thornburg	Arkansas	.01	.04			T.			.14					.01					*	.19										T.	.02		0.41
Waldron	Arkansas	T.			.06				.42										*	.33													0.81
Warren	Ouachita	.25	.12			.75				.17			T.						*	.57										*	1.53		3.39
Waters	Ouachita																			.39											.14		0.53
Whitecliffs	Red																			.10										.15			....
Wilson	Mississippi		.24				.90		.60					.10						.09										*.03*			1.96
Wynne	St. Francis		.29				.40		.40											*.20*							T.				.20		1.49
Yancopin	Arkansas	.32	.43				2.04		.25					.12						.12							.03	.08		T.	.27		3.36

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ozark Beach, Mo	White	30	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7
Cotter	do	21	4.4	3.8	3.8	3.8	3.8	3.8	3.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	3.2	3.7	3.5	3.5	3.7	3.7	3.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Calico Rock	do	18	1.0	1.5	1.6	1.0	1.4	1.4	1.5	1.0	1.5	1.6	1.3	1.2	1.5	1.1	1.0	1.3	1.5	1.4	1.4	1.4	1.3	0.8	0.5	0.7	0.6	0.6	0.4	0.2	0.4	0.4	0.5
Batesville	do	23	6.5	6.3	6.3	6.3	5.8	5.8	6.0	6.0	5.6	5.8	6.3	6.0	5.8	5.8	5.8	5.6	5.8	5.8	6.0	6.0	5.8	5.8	5.2	5.2	5.2	5.2	5.2	5.0	4.8	5.0	5.0
Newport	do	26	3.3	3.1	2.9	3.1	3.1	2.9	2.9	2.9	2.8	2.6	2.8	2.8	2.6	2.5	2.5	2.4	2.2	2.4	2.4	2.4	2.4	2.3	2.2	1.9	1.6	1.6	1.5	1.4	1.2	1.1	1.2
Georgetown	do	21	7.7	7.5	7.5	7.5	7.6	7.6	7.6	7.7	7.6	7.6	7.5	7.4	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.6	6.5	6.3	6.2	6.0	5.8
Clarendon	do	26	13.1	12.8	12.6	12.5	12.4	12.4	12.4	12.5	12.5	12.4	12.3	12.3	12.2	12.1	12.0	12.0	11.9	11.8	11.7	11.6	11.6	11.6	11.6	11.5	11.4	11.3	10.9	10.5	10.3	10.2	10.0
Gilbert	Buffalo	30	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.5	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Black Rock	Black	14	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.4	2.2	2.2	2.2	2.1
Arkadelphia	Ouachita	17	7.6	7.7	7.6	7.6	7.7	7.2	7.7	7.7	7.7	6.9	7.0	6.8	5.4	6.0	7.2	7.0	6.4	6.1	5.9	4.9	4.5	4.7	6.0	7.0	4.4	5.0	5.8	5.3	4.8	4.4	4.4
Camden	Ouachita	26	8.7	9.1	9.2	9.2	9.2	9.3	7.8	8.8	8.9	9.0	8.7	7.6	7.0	6.8	6.4	6.4	6.7	6.3	6.2	6.2	5.5	5.2	4.9	5.3	5.8	5.5	5.1	5.2	5.2	5.2	4.9
Fulton	Red	25	7.0	6.6	6.9	6.8	6.7	6.6	6.5	6.6	6.5	6.4	6.3	6.4	6.7	6.7	6.5	6.3	6.2	6.1	6.1	6.1	6.5	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7
Helena	Mississippi	41	15.0	13.3	11.5	9.8	8.3	7.3	6.9	7.4	8.7	10.8	13.4	17.2	21.6	25.3	27.8	29.5	30.6	31.4	32.0	32.4	32.4	32.1	31.3	30.0	28.3	26.5	24.9	23.6	22.6	21.9	21.4
Arkansas City	do	48	12.9	11.8	10.4	8.9	7.3	6.0	4.8	3.9	3.7	4.3	5.5	7.6	10.4	14.1	17.5	20.3	21.9	23.2	23.6	24.6	25.0	25.1	24.9	24.6	23.9	22.5	21.4	20.1	18.9	17.8	17.0

Daily temperatures for January, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity.§§	Maximum	42	49	60	54	57	56	48	53	61	65	72	70	65	62	67	66	71	40	34	45	52	64	42	42	44	38	34	39	32	37	43	51.7
	Minimum	32	32	25	27	34	37	34	34	36	29	28	36	38	34	32	34	36	29	21	18	19	27	25	16	16	29	16	14	14	14	14	26.8
Batesville	Maximum	39	46	55	51	52	49	47	44	57	59	58	69	66	55	57	62	47	39	35	40	43	52	37	29	33	29	37	28	31	31	31	45.4
	Minimum	36	33	22	30	22	39	36	34	27	22	22	29	25	36	27	28	28	25	23	7	23	23	11	6	12	20	5	3	19	2	2	21.8
Bee Branch	Maximum	41	38	55	55	56	54	46	43	53	58	67	69	70	62	58	58	58	44	39	40	45	52	51	30	32	40	32	33	33	33	33	47.7
	Minimum	31	33	23	33	27	42	33	33	34	26	45	34	29	29	34	31	29	24	24	9	21	19	15	9	19	22	9	8	20	10	10	24.7
Bentonville ***	Maximum	45	38	47	42	53	42	35	37	49	55	61	68	58	57	52	43	47	27	26	38	45	41	24	41	30	21	24	31	26	22	33	40.6
	Minimum	34	31	32	29	35	30	28	32	28	33	31	39	30	39	29	29	26	20	15	16	30	18	12	11	19	10	2	12	14	7	5	23.4
Blytheville	Maximum	42	46	50	43	44	44	44	41	50	56	57	68	58	53	50	50	51	50	34	37	47	50	35	28	30	25	21	26	29	28	30	42.5
	Minimum	32	36	30	33	28	40	36	35	33	32	34	35	34	32	35	32	30	26	23	14	24	31	5	5	16	14	1	5	19	8	4	24.6
Booneville	Maximum	39	43	56	54	61	58	44	44	57	65	70	72	64	64	64	58	57	43	33	40	50	57	48	37	44	40	32	33	33	35	44	49.6
	Minimum	33	36	26	34	33	36	36	34	26	28	29	38	28	35	28	34	35	26	20	7	24	25	26	15	20	28	14	14	26	14	11	26.4
Brinkley	Maximum	41	43	53	49	57	50	47	51	55	60	69	71	67	58	58	60	69	66	38	41	49	59	48	35	39	40	34	36	33	37	37	50.0
	Minimum	32	25	27	38	29	44	35	26	37	28	31	37	35	30	32	37	33	28	25	15	22	30	12	8	24	21	9	14	22	11	11	26.1
Calico Rock	Maximum	40	44	53	47	56	50	44	46	54	57	62	70	65	59	52	52	47	38	33	39	46	47	32	30	32	30	25	30	30	29	32	44.2
	Minimum	31	34	26	34	27	39	35	35	27	25	29	31	28	32	30	31	29	25	25	13	25	27	15	9	15	16	5	5	21	6	5	23.7
Camden	Maximum	44	50	63	63	58	63	60	45	61	61	70	72	70	61	65	69	74	70	36	43	53	64	60	45	47	46	29	39	37	39	40	54.7
	Minimum	36	36	27	27	37	40	35	36	40	28	31	31	36	29	29	35	42	28	24	16	21	26	26	17	27	26	10	11	27	20	6	27.7
Carthage	Maximum	43	48	61	52	56	60	49	44	59	63	70	71	65	58	62	65	71	68	36	42	50	62	58	39	43	36	30	37	34	39	40	52.0
	Minimum	35	37	27	35	25	48	34	35	39	27	32	30	31	27	29	33	38	28	24	14	20	25	24	14	27	25	15	10	26	12	6	26.8
Center Point	Maximum	45	45	61	58	56	55	52	46	53	63	64	65	65	64	61	61	70	65	34	43	50	59	58	41	44	42	37	37	34	32	41	51.6
	Minimum	32	39	30	33	35	37	34	35	38	30	30	40	28	30	32	37	41	27	8	15	25	23	22	16	28	30	16	15	26	4	12	27.4
Conway	Maximum	41	45	58	51	61	58	48	47	56	58	71	72	66	57	60	60	54	47	41	45	53	60	49	35	41	36	31	36	32	40	39	49.9
	Minimum	34	35	26	35	30	45	33	35	29	26	32	36	30	31	30	33	34	27	25	15	23	23	17	11	24	26	12	12	23	13	12	26.4
Cornerstone	Maximum	41	48	56	55	54	53	49	42	57	61	68	70	64	57	60	63	70	67	35	41	46	62	55	34	36	36	29	34	32	30	32	49.6
	Minimum	35	39	30	38	33	46	35	35	40	31	33	39	35	30	35	37	40	29	25	21	26	29	20	14	29	23	14	12	25	11	5	28.8
Corning	Maximum	42	48	54	48	51	47	47	42	55	54	62	70	62	57	54	53	44	36	36	37	46	39	30	24	27	26	25	25	29	28	29	42.8
	Minimum	32	35	28	34	26	34	34	34	35	29	32	38	30	34	31	27	28	26	22	19	24	30	5	-1	11	14	-1	5	17	4	3	23.2
Crossett	Maximum	42	46	61	60	57	65	63	44	57	62	70	75	71	61	67	73	75	75	38	44	52	63	62	44	44	41	29	39	38	37	36	54.5
	Minimum	36	33	27	39	29	45	39	37	39	28	30	34	44	28	34	37	46	33	23	15	18	24	27	18	29	25	16	11	29	23	2	29.0
Dardanelle	Maximum	40	43	56	50	59	54	47	44	57	64	66	71	65	58	59	62	55	48	34	40	50	59	48	34	42	40	34	32	33	37	36	48.9
	Minimum	33	35	25	34	29	41	33	35	28	26	35	36	33	30	28	33	34	25	22	12	21	23	23	13	20	27	13	16	24	17	11	26.3
Dumas	Maximum	42	47	57	56	55	55	48	42	60	62	71	75	65	61	64	66	75	67	38	46	53	65	50	40	50	26	27	38	32	39	40	52.0
	Minimum	36	39	32	39	31	47	35	36	40	38	36	39	38	33	36	38	42	32	24	21	23	32	21	15	24	21	14	12	26	14	7	29.7
Dutton	Maximum	40	41	48	46	51	51	41	38	52	56	63	67	63	56	56	54	48	40	29	36	42	47	34	33	35	31	28	28	27	26	36	43.3
	Minimum	36	38	29	33	33	36	34	35	32	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	15	6	5	20	2	0	23.5
El Dorado	Maximum	44	48	60	58	57	65	55	45	60	65	74	74	67	65	69	75	75	68	52	66	52	65	57	61	48	45	29	42	37	39	39	56.6
	Minimum	38	33	33	36	34	37	36	34	35	33	37	41	43	33	34	41	48	37	19	24	31	29	20	29	27	18	15	28	20	12	12	30.5
Eureka Springs	Maximum	43	39	52	45	54	48	34	38	53	58	65	70	61	58	55	48	44	34	30	42	47	43	24	44	32	26	27	37	31	26	35	43.3
	Minimum	32	33	32	27	34	33	27	30	30	35	35	48	32	44	28	28	28	20	15	13	29	23	12	7	17	9	0	7	16	6	4	23.7
Fayetteville	Maximum	45	42	50	46	53	46	35	37	49	56	63	69	58	57	54	51	51	35	28	38	45	42	28	40	36	30	26	32	29	23	34	42.8
	Minimum	34	34	32	29	34	33	28	31	30	32	32	44	29	41	27	29	35	22	16	14	29	27	17	12	20	13	4	10	20	5	3	24.7
Fort Smith***	Maximum	38	44	56	44	60	46	45	42	52	62	67	72	64	58	57	58	52	29	31	38	47	55	40	34	45	32	33	33	31	33	37	46.3
	Minimum	33	32	31	35	34	35	36	33	29	32	36	42	35	38	33	38	28	23	20	16	28	27	24	16	25	18	14	18	23	15	14	27.8
Grannis	Maximum	40	48	57	53	57	54	54	45	63	63	71	70	63	59	63	65	64	50	35	40	53	64	54	48	45	43	37	33	33	40	41	51.8
	Minimum	34	38	24	30	27	36	32	34	35	26	30	28	30	26	29	34	38	25	13	13	18	22	24	21	24	29	12	10	25	9	8	25.3
Gravette.§§	Maximum	45	39	46	45	54	35	35	38	51	56	64	69	60	59	52	49	47	24	27	41	46	40	36	44	30	19	26	32	24	23	34	41.6
	Minimum	31	33	28	28	28	31	17	27	24	25	26	26	23	25	28	28	28	22	14	10	12	25	14	10	13	9	1	2	12	-1	0	19.3
Harrison	Maximum	37	39	48	47	53	49	37	43	52	57	62	70	61	57	57	57	57	40	29	40	47	44	26	33	30	30	24	32	29	22	31	43.2
	Minimum	31	34	28	30	32	35	30	32	35	27	33	34	28	39	30	30	28	22	18	12	30	26	14	8	15	12	3	5	21	7	2	23.6
Helena	Maximum	41	44	51	51	53	52	45	43	56	58	67	70	61	58	61	64	72	68	34	40	45	54	35	30	44	41	30	34	36	37	35	48.7
	Minimum	34	38	31	37	34	43	36	35	39	35	35	43	42	36	34	41	35	28	25	18	27	30	14	11	28	20	10	9	23	14	7	28.8
Highland	Maximum	41	48	61	59	56	70	56	51	54	60	72	64	76	63	73	72	74	58	34	48	56	61	53	40	43	41	33	34	34	39	36	53.5
	Minimum	29	38	28	33	33	35	34	35	39	33	37	43	39	36	39	38	40	30	13	17	26	29	25	16	27	29	16	14	26	13	16	29.2
Hope	Maximum	45	49	63	54	58	61	51	45	60	67	69	71	65	62	62	67	72	45	36	44	53	64	50	44	51	45	33	43	34	40	40	53.0
	Minimum	36	38	33	34	31	38	38	34	40	30	33	40	33	29	32	39	42	28	15	15	23	25	25	18	26	25	17	14	27	17	12	28.6
Hot Springs	Maximum	43	47	59	53	55	55	56	61	61	64	72	72	66	61	65	62	68	64	36	44	52	61	50	39	40	36	34	37	33	39	43	52.5
	Minimum	33	37	32	36	32	45	44	44	36	35	46	45	35	35	35	40	43	36	23	17	25	32	24	13	27	27	14	14	26	17	14	31.0
Jonesboro	Maximum	39	49	52	46	51	59	48	42	55	57	64	71	64	58	53	53	45	39	34	39	47	52	34	28	30	26	24	27	29	27	31	44.3
	Minimum	32	36	28	36	28	39	36	35	35	31	39	37	37	32	36	32	29	27	24	17	26	31	8	6	16	18	5	8	18	12	9	25.9
Lead Hill	Maximum	38	39	49	50	53	50	40	42	46	60	65	69	69	60	56	48	39	39	32	45	50	44	27	35	33	31	19	30	28	23	31	43.2
	Minimum	31	33	23	30	26	37	31	32	24	23	24	26	24	25	27	27	28	24	19	9	23	25	12	5	12	12	0	2	21	0	0	20.5
Little Rock.* **	Maximum	39	47	58	48	54	52	42	46	54	61	66	71	59	57	58	59	67	39	34	41	48	59	28	33	36	31	27	32	28	35	36	46.6
	Minimum	34	34	30	37	36	40	35	35	38	34	44	44	41	37	39	41	36	25	25	21	28	28	17	10	26	21	14	16	23	19	18	29.9
Lutherville	Maximum	40	39	53	50	54	52	43	40	49	60	65	72	64	57	59	63	53	44	34	41	45	56	45	31	40	35	40	30	30	34	40	47.0
	Minimum	31	33	27	31	32	39	31	33	30	30	35	39	33	33	33	37	32	23	20	11	23	27	20	10	19	22	10	12	21	12	10	25.8
Magnolia	Maximum	43	49	65	62	59	62	68	70	60	67	69	72	80	82	80	83	82	76	32	48	55	64	59	51	45	50	31	42	50	44	37	59.3
	Minimum	36	40	34	35	38	40	39	37	41	33	33	44	40	41	35	46	47	32	19	16	27	28	28	22	32	26	17	23	17	16	11	81.4
Mammoth Spring	Maximum	41	46	52	51	48	46	41	48	51	54	61	64	65	61	57	58	51	33	35	42	50	43	33	28	32	31	26	27	30	31	32	44.1
	Minimum	33	36	25	34	35	36	34	33	30	28	26	31	27	27	29	28	30	26	20	11	21	24	8	5	11	13	0	6	17	7	2	22.4
Marianna	Maximum	42	48	51	50	56	56	47	43	56	57	65	71	65	57	59	60	71	63	39	39	49	58	47	35	38	35	29	33	32	35	32	49.0
	Minimum	34	39	31	40	32	32	37	36	40	34	36	37	38	30	38	38	35	29	27	19	26	27	13	10	27	20	10	10	23	15	11	28.2
Marked Tree§§	Maximum	42	49	52	46	48	48	39	43	55	56	63	68	60	58	57	57	57	35	34	39	47	54	15	31	35	27	22	27	30	29	34	43.7
	Minimum	26	34	29	34	28	29	37	35	33	28	34	37	36	31	33	33	30	32	24	11	14	27	7	6	10	19	5	6	11	11	8	23.8
Mena	Maximum	39	46	54	59	51	51	46	42	59	61	61	67	64	60	65	59	61	40	33	42	49	59	47	45	42	36	32	35	30	34	43	48.8
	Minimum	32	37	33	31	40	35	34	33	34	33	35	50	32	36	34	38	40	23	14	14	27	27	27	16	26	24	14	13	25	11	12	28.4
Mountain Home	Maximun.	47	40	51	46	51	47	40	43	56	58	65	72	67	57	54	53	42	36	35	41	48	46	25	32	32	27	25	29	30	27	29	43.6
	Minimum	28	33	24	30	28	35	32	32	25	26	35	35	26	33	30	30	26	23	22	10	22	24	10	5	14	12	0	4	18	4	0	21.8
Nail	Maximum	38	37	44	42	46	38	35	34	49	52	59	66	59	50	53	51	42	38	29	32	39	45	31	29	30	27	26	26	24	22	25	39.3
	Minimum	27	30	27	24	30	33	25	27	31	35	31	43	31	34	31	35	32	17	13	12	22	29	14	16	16	12	1	10	17	6	6	23.1
Newport	Maximum	38	49	54	49	51	50	48	47	57	59	65	71	66	59	54	54	50	49	35	40	49	54	40	30	32	29	26	29	32	30	31	46.0
	Minimum	32	35	30	36	28	40	37	35	33	27	29	38	31	32	33	31	30	27	25	16	27	28	11	8	17	20	7	9	20	12	9	25.6
Okay	Maximum	42	48	64	56	60	62	58	48	62	69	72	73	67	63	68	68	75	66	38	45	54	65	63	44	46	44	37	45	35	44	43	55.6
	Minimum	34	38	29	29	29	34	34	34	38	26	25	35	25	24	26	34	40	28	9	10	18	20	23	16	27	27	15	11	25	20	8	25.5
Ozark	Maximum	39	40	45	43	66	57	46	42	40	60	62	74	62	68	57	62	51	44	35	30	45	57	41	32	33	37	35	31	31	35	35	46.3
	Minimum	33	33	25	36	32	37	36	35	29	27	31	35	30	30	28	35	36	55	20	11	22	24	25	14	18	24	12	16	17	14	10	26.1
Pine Bluff	Maximum	42	48	61	54	57	55	48	44	60	64	69	74	66	60	65	63	72	64	38	45	52	60	49	37	41	37	30	36	34	40	39	51.7
	Minimum	36	40	43	38	44	47	35	36	40	32	38	40	39	32	35	40	41	29	25	20	24	30	20	14	20	24	15	13	26	18	14	30.6
Pocahontas	Maximum	40	47	53	48	51	48	48	44	55	56	63	67	64	56	53	55	50	41	36	37	46	49	34	28	30	31	26	25	31	32	27	44.2
	Minimum	31	33	25	25	24	36	34	33	32	26	27	33	28	31	31	27	26	25	22	10	22	25	6	3	13	15	0	5	16	4	3	21.6
Portland	Maximum	42	46	58	54	59	61	55	45	55	62	67	72	67	61	64	70	76	70	36	43	52	59	57	42	45	43	27	35	35	34	32	52.4
	Minimum	32	40	39	41	32	47	39	36	38	30	32	32	44	31	35	40	46	32	24	22	23	28	25	16	30	24	16	14	28	21	-1	29.9
Prescott	Maximum	43	49	63	61	58	62	57	49	60	67	71	72	68	63	67	67	74	71	36	45	53	64	62	43	45	42	36	38	35	40	42	54.9
	Minimum	35	39	29	32	33	40	35	35	40	30	35	39	37	30	33	38	43	29	19	17	23	27	26	17	27	25	17	14	26	16	13	29.0
Rogers	Maximum	42	42	46	46	51	49	35	39	48	61	65	69	62	56	55	52	44	37	26	41	48	43	30	44	40	29	26	32	31	25	34	43.5
	Minimum	23	33	29	28	36	34	28	32	28	26	27	40	25	38	28	29	31	21	16	10	23	21	14	9	17	12	2	6	19	1	0	22.1
Searcy	Maximum	38	45	57	50	58	53	48	46	56	62	70	72	67	58	59	59	50	46	51	42	50	60	44	34	35	32	29	35	31	36	44	48.9
	Minimum	33	36	26	37	26	42	36	35	31	27	31	30	32	29	32	32	31	27	26	17	23	23	12	9	19	22	9	10	21	13	11	25.4
Stuttgart	Maximum	41	51	57	51	57	54	50	45	57	60	69	73	62	57	59	63	70	67	45	43	50	62	54	36	40	37	29	36	32	37	34	50.9
	Minimum	32	38	28	37	28	42	33	35	38	29	34	37	34	30	35	37	36	28	25	18	22	29	15	10	27	22	10	10	23	12	10	27.2
Subiaco	Maximum	39	42	57	52	59	57	45	43	53	63	66	73	67	59	58	60	56	48	33	37	44	57	50	40	43	41	33	34	33	36	39	48.9
	Minimum	32	34	35	33	32	36	34	33	30	29	41	36	36	31	34	35	34	24	20	10	21	28	24	13	21	26	14	16	24	15	12	27.2
Sunset	Maximum	39	39	48	44	46	46	41	35	51	56	64	69	56	54	57	49	46	34	23	35	41	44	33	34	33	26	23	26	22	31	35	41.3
	Minimum	29	29	29	24	32	31	24	30	29	36	37	46	33	39	34	27	34	17	12	13	24	29	17	12	19	11	2	14	18	8	9	24.1
Texarkana	Maximum	41	46	65	57	62	64	54	50	62	67	73	72	64	64	70	70	74	54	34	47	55	57	52	46	48	42	35	42	36	41	42	54.4
	Minimum	34	36	32	31	36	34	32	33	36	34	32	41	30	31	31	42	46	26	10	15	25	25	25	18	27	24	15	15	25	11	11	27.8
Thornburg	Maximum	42	43	55	50	58	49	46	45	55	63	70	69	67	60	62	61	62	49	35	44	50	59	49	38	40	35	30	37	31	37	42	49.5
	Minimum	30	33	20	32	28	39	25	33	25	25	29	30	26	26	25	32	32	23	20	4	18	20	20	9	18	24	9	2	21	14	3	22.4
Warren	Maximum	41	48	60	..	59	55	47	45	58	63	..	73	68	63	64	64	67	73	63	44	52	60	52	45	37	..	27	38	37	38	39	52.9
	Minimum	29	39	28	..	32	35	35	45	35	29	..	39	44	32	36	30	42	43	24	20	23	25	15	23	21	..	15	14	17	20	7	28.2
Wilson	Maximum	42	47	52	49	51	48	45	43	52	56	55	67	67	56	53	53	64	63	30	35	47	51	41	29	34	32	29	27	28	28	[illegible]	45.2
	Minimum	32	35	30	36	28	38	37	35	35	33	35	34	41	33	34	34	31	27	23	14	26	32	8	6	20	14	3	6	20	7	8	25.6

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. 2-28-36-1200

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

VOL. XLI LITTLE ROCK, ARK., FEBRUARY, 1936 No. 2

PRICE: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

The cold weather the latter part of January continued for the first 22 days of February with but little interruption, making the period from January 18th to February 22d one of the longest periods of cold weather ever experienced in the State. Cold waves occurred on the 4th, 9th, and 18th but the one of the 18th was most severe. Rivers in the northern portion of the State were frozen for the first time in many years. The Arkansas River at Little Rock was practically frozen over on the 9th and was partially frozen on the 20th. Temperatures rose rapidly on the 23d, mild weather prevailing until the end of the month.

The average temperature for the State, based on the reports of 57 stations, was 36.5° which is 7.0° below the mean for the past 46 years. All stations had negative departures which ranged from 5.0° below normal at Carthage to 11.8° below at Marshall. Monthly means ranged from 30.6° at Nail in the Ozarks to 45.0° at Magnolia in a southern border county. The highest temperature reported was 89° at Magnolia on the 26th and 29th; the lowest, 15° below zero at Lead Hill on the 18th, which is the lowest temperature for February since 1929.

Precipitation occurred at frequent intervals during the first 20 days of the month but amounts were generally light to moderate. Fair weather prevailed the latter part of the month except for rain either the 26th or 27th, a few stations reporting over an inch during this time. Snowfall was somewhat above the average, amounts being heaviest along the southern slope of the Ozarks, and in central and northeastern portions. Glaze formed on the 1st and 2d but was not heavy enough to do much damage. The average precipitation for the State for the 92 stations reporting was 1.70 inches which is 1.59 inches below the mean for the past 46 years. All stations had negative departures, with 5 stations having monthly amounts of less than 1.00 in. Monthly totals ranged from 0.77 inch at Index to 3.73 inches at St. Francis. The greatest amount measured in any 24-hour period was 1.35 inches at Mt. Ida on the 26th.

The weather was decidedly unfavorable for out-door activities until the 22d but thereafter very favorable. Wheat, oats, and meadows were damaged by freezing where not protected by snow cover. Rain is needed in the northwestern portion, water in wells being low and all streams at low stages. Precipitation has been below normal for the last three months, this being the driest winter on record. Some gardens and potatoes were planted the last of the month in the southern portion.

T.A.M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	4	14	.	1	.	.	3	.	.	.	8	1	.	.	1	1	.		.	.	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.		.	.	.	.	.	.	.	.		.	.	.	.	.	1	.	.	.	.	.
Glaze	19	27	4	2	.	.	.	2	.	.		.	1	1	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sleet	11	4	4	2	.	3	1	5	1	.	1	.	1	5		7	5	4	.	1	1	.	.	.	.	.	.	.	.	.	.
Thunderstorms	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				.	.	.		24			.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 08	30.56	18	29.37	3	8.6	30	s	23	..	..	..	59
Fort Smith	30.01	30.55	18	29.41	3	9.2	32	w	26	75	61	58	62
Little Rock	30.11	30.57	18	29.46	13	9.1	29	sw	24	74	63	59	54
Memphis	30.11	30.56	18	29.45	3	8.4	27	nw	4	71	68	68	50

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.5	80	6	2.92	....	8	10	9	9
1892	49.0	78	18	3 47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0 7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2.7	6	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2.7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	5	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	5	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4 31	0.3	9	9	8	11
1912	37.9	78	− 7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1 93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.34	2.5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47 8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1.9	8	11	4	13
1924	42.9	82	− 7	2.26	0.4	7	12	4	13
1925	49 3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35.4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3 92	0.0	6	12	6	10
1931	48.2	78	14	4.77	T.	8	13	4	11
1932	52.0	86	9	4.72	T.	9	13	5	11
1933	41.5	82	−13	3.53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
Period	43 5	93	−29	3.29	1.8	7	11	6	11

Daily River Stages for February, 1936

Stations	River	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Fort Smith or Van Buren	Arkansas	22	5.6	5.6	5 8	5.8	5.6	5.1	5 0	5.3	5.3	5.3	5.2	5 3	5.4	5.4	5.3	5.1
Ozark	do	22	1.2	1 1	1.0	0.9	0.9	0 9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0
Dardanelle	do	22	4.2	4.4	4.3	4.4	4.7	4.6	4 5	4.4	4.6	4 7	4.4	4.1	4.1	4.1	4.1	4.4
Morrilton	do	20	-1.1	-1.1	-1.1	-1.3	-0.7	-0.6	-0.7	-0.9	-0.9	-0.8	-0.7	-0.7	-1.0	-0.8	-0.8	-0.8
Little Rock	do	23	1.0	0.9	0.9	1.0	1.2	1.3	1.3	1.3	1.0	1.0	1.1	1.3	1.1	1.0	1.1	1.2
Pine Bluff	do	25	4.2	4.1	3 9	3.7	3.7	3.9	4 0	4.0	3.9	3.8	3.7	3 6	3.8	3.8	3.7	3.8
Danville	Petit Jean	20	3.2	3.9	4.1	4.1	4.1	4.1	4.1	3.9	3.8	3.7	3.5	3.3	3.3	3.1	3.0	3.0

Stations	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or Van Buren	5.0	4.9	4.8	4.8	4.8	5.1	5.3	5.4	5.4	5.6	5.6	5.8	6.3		
Ozark	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.8	0.9	1.1	1.2	1.4		
Dardanelle	4.4	4.2	4.0	3.4	3.4	3.4	4.0	4.0	4.3	4.1	4.7	5.0	5.2		
Morrilton	-0.9	-0.9	-1.2	-1.7	-2.0	-1.9	-1.7	-1.3	-1.2	-1.0	-1.0	-0.1	0.2		
Little Rock	1.1	1.0	1.0	0.9	0 6	0.4	0.4	0.4	0.7	0.8	1.1	1.5	2.0		
Pine Bluff	3 9	3.8	3.7	3.7	3.6	3.4	3.0	2.8	2.8	3.0	3.2	3 5	4.1		
Danville	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2 8	2.8	2.8	4 0	7.8	9.1		

Climatological Data for February, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	36.7	-8.1	77	26	8	18†	47	1.32	-2.08	0.54	1.0	7	5	14	10	n.	J. W. Campbell
Arkadelphia	Clark	200	41	....	....	....	....	....	....	....	1.58	-2.03	0.59	2.5	9	12	4	13	ne.	W. K. Bown
Arkansas City	Desha	145	52	....	....	....	....	....	....	....	2.28	-2.04	0.68	2.2	8	10	1	18	....	Herbert Neff
Batesville	Independence	277	37	33.4	-7.4	73	25†	-1	18	41	2.28	-1.16	0.87	4.5	8	14	6	9	ne.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	35.4	-7.4	74	25	1	18	36	2.19	-0.85	0.65	2.6	7	11	5	13	n.	J. E. Scanlan
Benton	Saline	285	1	....	....	....	....	....	....	....	1.81	....	0.66	5.5	12	12	3	14	....	S. A. Burks
Bentonville	Benton	303	31	31.5	-8.1	72	25	-4	18	36	1.34	-0.81	0.82	0.5	6	7	11	11	nw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	6	....	....	....	....	....	....	....	1.97	....	0.64	3.3	9	11	4	14	....	C. J. Brooks
Black Rock	Lawrence	259	35	....	....	....	....	....	....	....	1.58	-1.67	0.60	3.4	9	13	1	15	s.	Vernon C. Howe
Blytheville	Mississippi	252	11	34.1	-11.1	72	29	-3	18	34	1.87	-0.91	0.54	4.0	10	14	3	12	n.	Samuel Norris
Booneville	Logan	465	22	37.4^{b}	-8.8	77	24	2^{c}	18	41^{c}	1.26	-1.34	0.79	2.5	7	15	7	7	e.	F. H. Randolph
Boughton	Nevada	200	1	....	....	....	....	....	....	....	1.74	....	0.75	6.7	9	11	3	15	....	Harry Buie
Brinkley	Monroe	205	49	37.4	-6.8	79	25	2	9†	38	1.65	-2.55	0.72	4.3	9	16	2	11	ne.	R. J. Torry
Calico Rock	Izard	361	32	34.2	-7.4	77	24	-2	18	43	1.63	-1.13	0.89	1.0	5	10	6	13	e.	W. M. Jones
Camden	Ouachita	116	51	41.4	-5.8	79	25	9	18	41	1.56	-2.29	0.72	1.0	7	10	4	15	se.	J. M. Knight
Carthage	Dallas	297	31	39.8	-5.0	78	25	8	18	41	1.68	-1.98	0.59	2.1	7	8	13	8	n.	P. K. Wylie
Center Point	Howard	591	37	40.0	-7.3	75	25	6	18	38	1.70	-1.76	0.92	3.0	7	16	4	9	e.	John C. Floyd
Clarendon	Monroe	172	32	....	....	....	....	....	....	....	1.36	-2.56	0.55	3.5	11	9	3	17	n.	J. W. Bishop
Clinton	Van Buren	516	15	....	....	....	....	....	....	....	2.10	-0.87	0.90	1.9	7	11	7	11	n.	A. L. Stephens
Conway	Faulkner	309	53	37.6	-6.8	78	25	4	18	42	2.57	-0.89	0.82	1.5	8	15	4	10	e.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	38.2	....	71	25†	9	18	33	0.88	-2.91	0.42	1.0	9	14	3	12	n.	P. B. Hutchens
Corning	Clay	293	43	32.6	-7.4	74	29	-6	18	37	1.07	-2.28	....	5.0	5	14	6	15	nw.	Winfred D. Polk
Cotter	Baxter	440	9	....	....	....	....	....	....	....	2.26	....	0.89	4.0	5	12	5	12	....	O. B. McSpadden
Crosset (near)	Ashley	175	24	43.3	-6.1	82	24+	11	18	47	1.92	-1.82	0.40	T	9	10	6	13	n.	U. S. Forest Service
Danville	Yell	327	20	....	....	....	....	....	....	....	1.60	-1.18	0.49	2.9	9	10	6	13	....	J. M. Patterson
Dardanelle	Yell	330	50	36.9	-7.9	77	24†	3	18	43	1.87	-1.01	0.84	0.6	7	5	11	13	e.	Geo. N. Goodier
De Queen	Sevier	....	1	....	....	75	25†	....	....	....	1.08	....	0.57	0.5	6	10	12	7	nw.	E. B. Smith
Dumas	Desha	162	31	40.4	-8.6	82	25	9	7†	42	2.11	-2.50	0.56	3.5	10	9	7	13	n.	Ben Johnson
Dutton	Madison	1590	34	32.6	-6.2	71	24	-6	18	41	1.80	-1.07	0.51	5.5	8	11	9	9	n.	J. M. Ricketts
El Dorado	Union	270	36	43.6	-5.4	81	25	11	18	44	1.17	-2.43	0.35	0.5	10	9	5	15	n	E. W. Gaston
England	Lonoke	229	30	....	....	73^{l}	25†	6^{l}	18	....	*1.69*	*-2.11*	....	....	..	10^{k}	4^{k}	4^{k}	....	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	33.0	-8.2	74	24	-8	18	35	1.59	-0.87	0.83	1.2	9	10	3	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	33.2	-7.2	72	24	-4	18	35	1.54	-0.66	0.73	1.5	9	11	7	11	sw.	University of Arkansas
Fort Smith	Sebastian	457	55	35.9	-6.9	77	24	3	18	36	0.87	-1.67	0.46	1.1	5	10	10	9	e.	U. S. Weather Bureau
Freeman Springs‡‡	Pope	2240	12	....	....	....	....	....	....	....	1.66	-1.36	0.88	1.6	10	16	2	11	ne.	R. J. McCuiston
Fulton	Hempstead	260	51	....	....	....	....	....	....	....	1.18	-2.25	0.65	T.	4	10	4	15	....	T. J. Logan
Georgetown	White	200	24	....	....	....	....	....	....	....	2.19	-1.49	0.78	2.8	11	12	1	16	....	Mrs. W. R. Owens
Gilbert	Searcy	600	10	....	....	....	....	....	....	....	1.84	....	....	T.	5	15	3	11	....	F. J. King
Glenwood	Pike	547	1	....	....	....	....	....	....	....	1.84	....	0.90	1.3	7	11	5	13	....	C. A. Price
Grannis	Polk	900	17	38.3	-7.3	73	25	5	18	46	2.14	-2.12	0.95	4.0	11	14	5	10	s.	W. E. McVay
Gravette	Benton	1250	39	28.9	-10.2	76	24	-5	18	41	0.96	-0.93	0.55	0.5	4	13	2	14	se.	Max W. Schmidt
Harrison	Boone	1052	36	32.6	-6.4	75	24†	-6	18	38	1.62	-0.88	0.75	3.5	7	20	1	8	ne.	Louis R. Keck
Heber Springs	Cleburne	....	1	....	....	....	....	....	....	....	1.34	....	0.90	1.0	6	10	3	16	....	R. L. Black
Helena	Phillips	300	64	39.7	-5.4	80	25	4	18	36	1.54	-2.35	0.29	4.9	10	11	1	17	ne.	James A. Burnett
Higden	Cleburne	445	17	....	....	....	....	....	....	....	1.99	-0.69	0.87	2.7	4	15	1	13	nw.	Trumon Brown
Highland	Pike	491	17	39.2	....	76	24	5	18	35	0.91	....	0.55	0.2	5	4	18	7	e.	J. O. Cooley
Hope	Hempstead	351	66	41.0	-7.4	80	25	9	18	42	1.60	-2.22	0.87	0.2	6	19	0	10	ne.	N. P. O'Neal
Hot Springs	Garland	600	45	40.2	-6.8	78	25	7	18	40	1.65	-1.86	0.78	1.0	10	10	12	7	s.	National Park Service
Index ‡‡	Little River	275	19	....	....	....	....	....	....	....	0.77	-2.03	0.56	0.0	5	12	0	17	....	H. C. Sanderson
Jessieville	Garland	750	10	....	....	....	....	....	....	....	1.79	....	0.80	3.0	6	11	4	14	sw.	U. S. Forest Service
Jonesboro	Craighead	345	41	34.2	-8.2	75	25	-1	18	34	1.93	-1.71	0.73	3.0	10	12	5	14	ne.	Benedictine Sisters
Lead Hill	Boone	650	30	30.7	-7.7	76	24	-15	18	45	1.25	-0.99	0.52	1.0	7	16	5	8	nw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	357	57	36.8	-8.1	76	25	5	18	31	1.30	-2.70	0.55	4.1	9	9	8	12	e.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	37	35.5	-6.9	78	24	-2	18	33	2.36	-0.72	1.00	6.3	8	14	5	10	sw.	H. G. Lenhardt
Madison	St. Francis	209	6	....	....	....	....	....	....	....	1.99	....	0.71	7.5	7	19	1	18	....	J. W. Eppes
Magnolia	Columbia	315	20	45.0	-6.4	89	26†	11	18	46	1.10	-2.69	0.50	1.0	4	8	9	12	e.	State Agri. School
Mammoth Spring	Fulton	600	32	31.8	-8.5	78	24	-8	18	45	1.63	-1.31	0.39	5.5	6	12	5	12	se.	S. F. Whittaker
Marianna	Lee	235	25	37.8	-8.0	78	25	4	18	37	1.56	-2.38	0.50	6.5	8	13	5	11	n.	C. N. Houck
Marked Tree	Poinsett	229	32	33.4	-10.2	77	25	0	18	38	2.14	-1.68	0.65	3.2	11	9	11	9	s	Charles Walton
Marshall	Searcy	1070	22	31.6^{c}	-11.8	73	26	-4^{f}	18	41^{f}	1.49	-1.15	0.65	1.2	7	15	2	12	n.	A. J. Parks
Mena	Polk	1207	48	37.6	-6.6	72	24†	2	18	36	1.70	-1.62	1.14	1.0	8	11	7	11	sw.	E. W. St. John
Morrilton	Conway	347	17	36.0	-9.4	74	25	5	18	34	1.92	-0.82	0.80	1.0	6	12	6	11	w.	Hugh B. Wear
Mountain Home	Baxter	800	24	31.4	-10.9	77	24	-9	18	40	1.82	-0.93	0.90	0.0	3	15	0	14	nw.	B. S. Halbert
Mount Ida	Montgomery	650	37	37.8	-7.8	74	25†	3	9	48	1.88	-1.66	1.35	3.7	5	12	8	9	ne.	G. A. Whittington
Nail	Newton	2233	28	30.6	-6.1	65	25†	-9	18	39	1.23	-1.67	0.63	1.0	3	17	5	7	ne.	Charles Paxton
Newport	Jackson	231	53	....	....	....	....	....	....	....	1.81	....	....	...	..	..	..	..	....	J. D. Henderson
Norman	Montgomery	750	8	....	....	....	....	....	....	....	1.91	....	1.10	3.0	6	11	0	18	n.	U. S. Forest Service
Oden	Montgomery	800	10	....	....	....	....	....	....	....	1.39	....	0.61	2.0	5	8	6	15	sw.	U. S. Forest Service
Okay	Howard	288	8	40.5	....	79	26	8	9†	45	2.30	....	1.10	T.	4	18	1	10	ne.	Charles R. Jackson
Ozark	Franklin	396	41	36.2	-7.2	77	24	0	18	37	1.55	-0.82	0.83	1.5	7	16	0	13	e.	Orkney O. Milton
Paragould	Greene	275	13	....	....	....	....	....	....	....	1.87	-1.86	0.92	10.7	7	11	4	14	ne.	W. R. Heagler
Parkin	Cross	222	6	....	....	....	....	....	....	....	2.20	....	0.84	4.3	8	10	2	17	....	Carroll King
Patterson	Woodruff	204	20	....	....	....	....	....	....	....	1.86	-2.12	0.93	1.7	5	8	4	17	n.	W. E. Baker
Pine Bluff	Jefferson	215	49	40.2	-6.3	81	25	9	18	37	1.60	-2.31	0.65	2.5	12	11	5	13	nw.	Miss Theresa Schen
Pocahontas	Randolph	300	43	32.2	-9.4	74	29	-6	18	41	1.73	-1.61	0.60	3.6	9	13	2	14	n.	Benedictine Sisters
Portland	Ashley	122	30	40.8	-8.9	78	24	10	1†	41	2.25	-1.92	0.69	2.0	7	10	6	13	nw.	W. E. Edmiston
Prescott	Nevada	318	48	42.0	-5.4	79	25	9	18	46	1.65	-2.05	0.72	0.7	9	11	5	13	ne	Craig Williams
Rogers (near)	Benton	1300	46	33.1	-6.4	73	24†	-5	18	42	1.40	-0.47	0.71	1.1	7	17	2	10	nw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	....	....	....	....	....	....	....	2.39	....	0.98	1.5	6	11	5	13	s	Miss Clarice Maddox
St. Francis	Clay	290	9	....	....	....	....	....	....	....	3.73	....	1.00	5.0	13	16	1	12	....	S. T. Rooney
Searcy	White	245	26	36.4	-8.7	78	25	2	18	42	1.98	-1.35	0.57	2.2	10	10	5	14	ne.	Arthur D. Smith
Springbank	Miller	240	27	....	....	....	....	....	....	....	1.44	-1.96	0.70	1.0	7	9	4	16	....	Henry Field
Story	Montgomery	650	12	....	....	....	....	....	....	....	1.69	-1.77	1.18	3.0	4	13	9	7	n.	S. C. Story
Stuttgart	Arkansas	209	49	37.9^{b}	-7.3	79	25	5^{d}	18	36^{d}	1.77	-2.21	0.65	3.5	9	15	3	11	n.	Mrs. B. E. Swim
Subiaco	Logan	750	39	36.9	-6.9	77	24	1	18	39	1.86	-0.99	0.53	2.4	6	15	7	7	ne.	New Subiaco Abbey
Sunset	Washington	2250	5	32.0^{a}	....	68^{a}	24	-8^{a}	18	35^{a}	1.13	....	0.49	1.3	8	12	9	8	n.	Walter James
Texarkana	Miller	332	51	41.2	-7.2	79	25	7	18	46	1.28	-2.10	0.83	0.5	4	16	2	11	n.	H. S. Brashear
Thornburg	Perry	650	16	35.6	-8.8	74	24†	2	5†	45	1.53	-1.89	0.77	2.7	6	16	1	12	s.	Edward E. Holmes
Waldron	Scott	675	17	....	....	....	....	....	....	....	1.39	-2.16	1.10	3.9	6	5	11	13	....	Dr. Cheves Bevill
Warren	Bradley	206	42	....	....	....	....	....	....	....	....	....	....	...	..	..	..	..	....	Miss Sue Hoyle
Waters	Montgomery	840	12	....	....	....	....	....	....	....	1.63	-1.91	0.98	2.0	5	6	8	16	e.	J. R. Huddleston
Whitecliffs	Little River	290	30	....	....	....	....	....	....	....	....	....	....	....	..	24	1	4	....	William W. Davis
Wilson	Mississippi	237	11	35.4	-9.8	73	25†	0	18	45	2.03	-1.12	0.39	2.5	9	13	1	15	n.	D. O. Anderson
Wynne	Cross	250	28	....	....	....	....	....	....	....	....	....	..	....	..	..	..	..	....	R. T. Cobbs
Yancopin	Desha	167	12	....	....	....	....	....	....	....	2.18	-2.04	0.69	4.0	10	9	3	17	....	W. E. Barton
State Means				36.5	-7.0	89	26	-15	18	48	1.70	-1.59	1.35	2.4	7	12	5	12	n.	

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for the period to 1935, inclusive.

Daily Precipitation for February, 1936

Stations	Drainage-basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita		.40	.03										.14			.09				.07						.05	.54					1.32
Arkadelphia	Ouachita		.59	.06	.03			.06		.11				.03	.06			T.			.11						T.	.53					1.58
Arkansas City	Mississippi			.65	.10	.68		.22	T.				T.	.05	.14	.11		T.	T.								T.	.33					2.28
Batesville	White		.87		.03			.02						.23	T.			.10	.08		.10							.85					2.28
Bee Branch	Arkansas	.40	.50	.40									T.	T.		.05	*.01*				*.18*						.65						2.19
Benton	Saline		.43	.03				.02		.01			.04	.05	.12		.02	.10	.02		.31							.66					1.81
Bentonville ***	Arkansas	.44	.01	.01					T.				T.	T.	.01		T.	.05									.82						1.34
Big Lake Outlet	St. Francis		.64		T.			.12		.10				.22	T.	.19		.06	.03		.09							.52					1.97
Black Rock	White		.60	.04	.05	T.	T.	T		.04			T	.19	.04			.14	T.		.02							.46					1.58
Blytheville	St Francis		.54	T.				.19		.11			.09	.12	.19			.11	.02		*.03*							.47					1.87
Booneville	Arkansas	.16	.10	.02	T.				T.								.05	.03			11						.79						1.26
Boughton	Ouachita		.70	.03	.03			.07	T.	.06			T.	.05				.01	.04		T.							.75					1.74
Brinkley	White		.72	.03			T.	*.07*					.15	.07	.01			.04			.21							.35					1.65
Calico Rock	White		.89							.02				.07				.06	T		T.							.59					1.63
Camden	Ouachita		.72	.06				.10					.05		.08				.05		T.	T.						.50					1.56
Carthage	Ouachita	.21	.59	.05			.10		.08								T				.14						.51						1.68
Center Point	Red	.25	.35	.03	.05				.05								.05	T									.92						1.70
Clarendon	White		.55	.05	.04			.07		.07			.01	.09	T.	.02		.01	T		.16							.29					1.36
Clinton	White	.77							.15				.05				.10	.07			.06						.90						2.10
Conway	Arkansas	.49	.71	.10									.11	.07	.12			T.			.15						.82						2.57
Cornerstone	Arkansas		.10	.01			.06		.05				.08		.04			.10		.02							.42						0.88
Corning	White		*.55*	*.12*										T.				*.20*				.10						.10					1.07
Cotter	White		.89															.30	.10								.85	.12					2.26
Crossett [near]	Ouachita	.14	.25	.40	.20		.32	.12	.09									.08									.32						1.92
Danville	Arkansas		.49	.03	.01					T.				.01	.02			.12	T.		.26						.48	.18					1.60
Dardanelle	Arkansas		.84												.04			.05	.04		.14					.35	.41						1.87
De Queen	Red	.25	.08	.05					.02				.01				.08			.02							.57						1.08
Dumas	Mississippi	.20	.56	.15	T.		.36		.15				.15		.08		T.	.04	.02		T.						.40						2.11
Dutton	White	.21	.34	.19	.51				.02						T.		.02	*.05*			T.						.46						1.80
El Dorado	Ouachita		.35	.15	.17		.07	.08		.06			T	.05			T.	.02	.03			T.						.19					1.17
England	Arkansas	*	*				*		*			*1.00*	.06				.07		.01		.16						.39						1.69
Eureka Springs	White	.44	.03	.03	.05				.05						.02		.02	.12									.83						1.59
Fayetteville	White	.53	.03	.06	.03				.04					.01	.01		.04	.06			T.						.73						1.54
Fort Smith ***	Arkansas	.46	T	.01					T.				T.	T.	T		.01	T.		.07							.32						0.87
Freeman Sprgs.	Arkansas		.88	.02	.04					.01				.02	.01		T.	.03	.04		.01						.60						1.66
Fulton	Red		.42		T.				T.					T.	T.			T.	.03		T.	.08					T.	.65					1.18
Georgetown	White		.78		.06			.07	T.	.04				.13	.17	.04		.06	.07		.19							.58					2.19
Gilbert	White	T.	*	.97						T.				T.				.10	.03		T.						.74						1.84
Glenwood	Ouachita	.50		.05				.07					.13				.07				.12						.90						1.84
Grannis	Red	.38	.13	.14	.03				.08				.02				.08	T		.08	.16	.09					.95						2.14
Gravette	Arkansas		.26	.10														*.05*									.55						0.96
Harrison	White	.75	.04	.05										.05	T.		*.13*	*.18*			T.						.42						1.62
Heber Springs	White		.90					T.						.10	T.			.03	.15		.09							.07					1.34
Helena	Mississippi		.22	.07	.25			.29		.10				.13	.02				.09		.19							.27					1.54
Higden	White	.85															*12*			*.15*							.87						1.99
Highland	Ouachita	.25											.05							.03		.03					.55						0.91
Hope	Red	.87	.03	.06			*.02*		T.				T.				T.	*.03*		T.							.59						1.60
Hot Springs	Ouachita	.18	.20	.05	T.		T.		.04				.05	.05	.06		.05	T.	T.	T.	.19						.78						1.65
Index	Red		.15	T.										.03	.02		.01					T.						.56					0.77
Jessieville	Ouachita		.40	.04										.20	.10		T	T.			.25						T	.80					1.79
Jonesboro	White		.68					.06		.05				.17	.07	.01		.06	.06	T.	.04							.73					1.93
Lead Hill	White	.50	.08	.03					T.				T.	.03	T.		.07	.02									.52						1.25
Little Rock ***	Arkansas	.21	.19	.01			.01		T.				.05	T.	.08		.02	T		.18							.55						1.30
Lutherville	Arkansas	.55	.40	.05					.03				T				.10	.14			.09						1.00						2.36
Madison	St. Francis		.71	T.	T.			.22					.05	.15	T.				.14		.32						T	.40					1.99
Magnolia	Red		.50	.10			.10						T.														.40						1.10
Mammoth Spg	White		.36		.34									.22	.14			.18									T.	.39					1.63
Marianna	St. Francis		.50	.05			.25		.08				.20		.06			T.			.16						.26						1.56
Marked Tree	St. Francis		.65		.02			.13		.06				.31	.38	.03		.05	.03		.10							.38					2.14
Marshall	White	.55	.20	.02					.01								.05	.01			T.						.65						1.49
Mena	Ouachita		.20	.18	.04				.02					T.	.04			.02	T.		.06	T.					1.14						1.70
Morrilton	Arkansas		.80	.03										.04	.25			T.	T.		.10						T.	.70					1.92
Mountain Home	White	.82												.10													.90						1.82
Mount Ida	Ouachita	.20	.05	.03																	.25						1.35						1.88
Nail	White	.45							T.								.15	T		T.							.63						1.23
Newport	White		.77					.01						.15	.03			.09	.04		.06							.66					1.81
Norman	Ouachita		.19											.09	.25		.05				.23							1.10					1.91
Oden	Ouachita		*	*	.50																.28							.61					1.39
Okay	Red	.44	.16										1.10							T.							.60						2.30
Ozark	Arkansas		.37	.02	.16					T.								.11	.04		.02						.83						1.55
Paragould	St. Francis		*.68*					.07		.04					.03			.08	.05									.92					1.87
Parkin	St. Francis		.84					.13	.05					.28	.10	T.			.05		.25							.50					2.20
Patterson	White		.93				.06						.16								.18						.53						1.86
Pine Bluff	Arkansas		.65	.02	.01			.07		.01			.06	.05	.03	T.		.04	.08		.06							.52					1.60
Pocahontas	White	.15	.40	.12			.01		.02				.15		.03			.25									.60						1.73
Portland	Ouachita			.69	.62			.39		.09					.10				.10									.26					2.25
Prescott	Ouachita		.67	.03	.04			.08		.03			T.	.03				.01	.04		T.	T.						.72					1.65
Rogers (near)	White	.41	T.	*.22*	T.				*.01*						*.01*		*.01*	.03									.71						1.40
Rosebud	Arkansas	.98	T.	T.									.15		.23		T	*.03*			.15						.85						2.39
St. Francis	St. Francis		.10	.50	1.00	.10	.10		.70	.12	.05	.12		.31	T.			.10	T.		T	T.	.10		T.			.43					3.73
Searcy	White	.41	.56	.06			.04						.03	.06	.11		.04				.10						.57						1.98
Springbank	Red		.30	.06	.06		T.	.25		.05					.02			T.	T.			T.					T.	.70					1.44
Story	Ouachita		.30																		.21						*	1.18					1.69
Stuttgart	Arkansas		.65					.04		.10			.20	.10		.10		.06	T.		.20							.32					1.77
Subiaco	Arkansas	.38	.28	T.	T.				T.				T	T.			.19	.40			.08						.53						1.86
Sunset	Arkansas	.43	.06	.04	.01				T.						T.		.04	.05		.01	T						.49						1.13
Texarkana	Red		.30				.05		.10								T.			T.								.83					1.28
Thornburg	Arkansas	T.	.49	.03			T.		T.						.03			*.01*	T		.20				T.		.77						1.53
Waldron	Arkansas	.10			.06				T.								.04	T.		.04	.05						1.10						1.39
Warren	Ouachita																																
Waters	Ouachita		.18	.19																	.28						*	.98					1.63
Whitecliffs	Red																																
Wilson	Mississippi		.29	.20			.25	.15						.39	.25				.04			.08						*.38*					2.03
Wynne	St. Francis																																
Yancopin	Arkansas		.69	.08	.31		T.	.38		.16			.04	.09	.03			T.	.05									.35					2.18

Daily River Stages Continued

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ozark Beach, Mo	White	30	-0.7	-0.8	-0.2	0.2	-0.3	-0.1	-0.1	0.0	-0.3	-0.2	-0.5	-0.2	-0.2	0.0	-0.1	-0.3	-0.2	0.0	-0.1	0.0	0.0	-0.2	-0.2	-0.1	-0.6	-0.8	0.6	-0.8	-0.8		
Cotter	do	21	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.4	3.5	3.5	3.5		
Calico Rock	do	18	0.6	0.9	0.8	0.6	0.5	0.6	0.7	0.8	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.6	0.7	0.6	0.5	0.5	0.6	0.7	0.6	0.6	0.6	0.7	1.7	1.8	1.7		
Batesville	do	23	5.0	5.6	5.6	5.6	5.6	5.2	5.2	5.4	5.4	5.4	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.2	5.2	5.0	5.2	5.1	5.1	5.1	5.3	5.3	6.0	6.8	6.7		
Newport	do	26	1.1	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.5	1.5	1.4	1.3	1.3	1.5	1.9	2.0	2.0	1.9	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.1	3.4	4.3		
Georgetown	do	21	6.2	5.8	5.4	5.1	4.8	4.5	4.3	4.1	4.0	3.9	3.8	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.4	3.5	3.6	3.4	3.3	3.2	3.2	3.1	3.1	3.3	4.9		
Clarendon	do	26	9.8	9.7	9.6	9.6	9.5	9.7	9.9	10.1	10.2	10.2	10.1	10.0	10.0	9.9	9.8	9.8	9.9	10.1	10.3	10.4	10.4	10.3	10.2	10.1	10.0	9.9	9.9	10.0	10.3		
Gilbert	Buffalo	30	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4		
Black Rock	Black	14	2.1	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.2	2.8	3.0	2.9	2.8	2.8	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	4.4	5.0	4.7		
Arkadelphia	Ouachita	17	5.8	5.5	4.9	5.9	4.9	5.7	4.7	6.2	5.8	6.0	4.5	5.4	4.9	5.6	5.9	5.3	5.1	5.1	4.2	4.4	5.0	4.2	4.0	4.1	4.1	4.3	5.9	6.3	6.2		
Camden	Ouachita	26	4.8	5.1	5.9	6.3	6.7	7.1	6.5	6.4	6.4	6.0	5.6	5.4	5.4	5.5	5.6	5.3	5.5	5.2	5.2	5.1	4.6	4.9	5.1	5.0	4.9	4.8	4.9	5.2	6.5		
Fulton	Red	25	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.3	5.4	6.9		
Helena	Mississippi	41	21.1	20.6	19.7	18.4	16.8	14.9	13.5	12.3	11.9	12.8	14.1	15.5	16.9	18.0	19.2	20.1	21.1	22.0	22.0	21.4	20.5	19.5	18.6	18.1	18.0	18.4	19.3	21.2	24.6		
Arkansas City	do	48	16.3	16.0	15.5	14.8	14.0	12.8	11.5	10.1	8.9	8.1	8.0	8.8	9.8	10.9	12.0	13.0	13.9	14.8	15.7	16.0	15.7	15.4	14.6	13.9	13.4	13.2	13.2	13.6	14.8		

Daily temperatures for February, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity.§§	Maximum	34	38	44	29	39	35	46	35	42	40	44	57	66	36	48	32	34	31	29	40	52	61	72	70	77	65	68	69	74			48.5
	Minimum	13	29	29	13	13	15	16	17	12	13	16	16	35	30	25	25	29	8	8	17	17	23	25	47	60	63	38	34	35			24.9
Batesville	Maximum	31	31	34	40	32	28	35	36	32	32	42	38	46	42	30	33	30	21	26	38	48	55	68	72	73	72	56	66	73			43.4
	Minimum	22	28	28	11	6	21	13	21	6	11	8	23	34	27	7	25	19	– 1	15	19	17	18	35	59	62	53	31	26	33			23.3
Bee Branch	Maximum	37	31	35	40	33	32	35	32	35	38	43	41	53	49	36	35	32	26	28	39	51	55	67	70	74	72	60	67	70			45.4
	Minimum	25	30	29	11	13	22	17	22	9	10	14	29	36	24	19	25	20	1	16	19	21	23	31	57	58	54	37	32	35			25.5
Bentonville ***	Maximum	34	33	45	20	35	35	45	33	30	28	42	46	36	23	27	22	21	18	27	37	44	58	65	72	72	63	51	64	67			41.1
	Minimum	30	26	9	3	10	21	18	7	4	5	16	30	23	6	13	15	2	– 4	14	21	21	27	43	57	60	45	31	41	41			21.9
Blytheville	Maximum	36	30	46	46	31	26	41	41	28	25	38	43	53	53	38	33	28	22	23	32	41	51	59	68	68	68	50	62	72			43.2
	Minimum	22	28	29	13	10	22	20	26	9	10	14	27	41	27	22	23	21	– 3	8	19	20	24	33	51	57	49	35	29	38			25.0
Booneville	Maximum	44	36	50	45	36	40	46	45	38	35	49	46	61	37	43	41	29	28	29	38	52	64	72	77	74	70	64	73	75			49.6
	Minimum	27	31	33	9	12	26	16	11	8	13	13	32	27	21	20	23	15	2	21	9	..	..	..	61	60	51	39	39	34			25.1
Brinkley	Maximum	35	38	52	53	35	37	42	40	39	37	44	51	61	57	37	37	33	31	26	41	45	58	71	71	79	73	59	67	73			49.0
	Minimum	21	23	29	15	13	15	18	10	2	16	15	27	50	31	19	24	27	2	15	19	23	23	34	58	62	52	36	33	37			25.8
Calico Rock	Maximum	32	33	35	37	30	31	38	36	32	31	41	38	55	41	33	31	29	19	25	36	48	58	69	77	76	69	55	68	75			44.1
	Minimum	28	29	29	10	8	20	13	12	8	10	12	28	35	22	16	24	12	– 2	14	20	20	28	38	59	61	51	35	29	32			24.2
Camden	Maximum	40	40	56	56	39	39	42	42	41	42	50	58	69	61	49	47	38	35	32	45	52	62	73	74	79	76	68	71	73			53.4
	Minimum	26	33	36	18	12	28	14	29	12	16	14	38	55	36	27	27	31	9	20	20	26	21	34	58	62	54	34	32	32			29.4
Carthage	Maximum	35	38	53	52	37	32	43	40	38	38	48	56	69	58	44	38	34	32	28	41	49	60	72	72	78	74	64	70	74			50.6
	Minimum	25	31	34	17	14	28	10	26	12	18	15	35	56	34	25	26	28	8	20	20	25	22	40	59	63	50	34	31	33			28.9
Center Point	Maximum	33	39	49	48	35	38	46	44	45	42	48	56	58	54	50	47	32	33	38	44	54	63	69	70	75	74	67	65	70			51.2
	Minimum	29	32	34	12	15	27	16	25	12	17	17	37	47	31	24	27	25	6	22	12	24	25	40	58	60	54	39	35	35			28.9
Conway	Maximum	34	34	41	42	43	34	36	36	37	38	46	41	57	43	39	34	34	29	27	40	53	60	74	74	78	74	62	72	77			47.9
	Minimum	21	30	31	14	14	24	15	28	10	15	15	30	39	29	22	26	28	4	19	21	23	24	35	58	62	50	34	35	35			27.3
Cornerstone	Maximum	33	35	53	52	32	32	32	33	35	35	38	56	66	61	39	35	35	32	26	35	43	53	67	70	71	71	54	59	66			46.5
	Minimum	22	31	32	19	17	26	15	26	15	21	19	33	54	33	27	26	29	9	20	21	26	25	38	57	62	53	36	35	36			29.8
Corning	Maximum	33	30	39	35	28	25	32	35	29	25	40	38	51	43	28	46	27	24	28	32	46	53	67	72	69	69	58	64	74			42.8
	Minimum	19	26	25	8	2	16	13	17	4	7	9	23	33	25	13	20	20	– 6	14	19	22	22	30	56	59	48	34	28	40			22.3
Crossett	Maximum	39	47	69	70	39	37	33	53	43	41	47	60	74	72	50	50	45	39	32	45	50	61	73	82	82	80	66	69	76			56.0
	Minimum	16	34	36	23	17	28	26	32	18	17	15	32	54	38	29	29	28	11	21	20	29	20	38	57	61	55	35	29	38			30.6
Dardanelle	Maximum	36	35	38	44	36	33	39	34	37	36	46	40	58	39	39	37	33	27	28	37	51	61	73	77	77	72	62	74	76			47.4
	Minimum	27	30	31	12	13	26	15	17	10	15	14	32	32	28	22	28	17	3	21	17	24	23	31	60	59	53	39	31	36			26.4
Dumas	Maximum	37	38	58	58	37	31	36	42	36	38	47	57	72	61	37	38	35	33	29	43	48	60	74	77	82	74	62	71	76			51.3
	Minimum	18	31	34	20	17	26	9	25	17	21	20	32	53	35	27	26	31	9	19	23	25	24	38	57	62	52	37	34	34			29.5
Dutton	Maximum	32	33	46	45	32	38	39	35	37	34	41	47	53	40	42	36	27	22	27	37	48	55	64	71	69	66	57	65	65			44.9
	Minimum	22	31	30	4	4	20	9	9	2	6	9	28	37	13	14	20	6	– 6	14	12	16	18	35	56	58	44	25	28	27			20.4
Eureka Springs	Maximum	33	34	49	29	33	36	49	37	35	32	46	44	40	29	31	25	22	20	24	40	50	61	67	74	73	67	57	67	70			43.9
	Minimum	30	23	28	1	7	19	15	5	1	3	14	29	27	8	12	14	3	– 8	11	20	21	26	45	59	62	43	29	40	51			22.0
Fayetteville	Maximum	35	33	49	30	36	35	44	39	33	31	42	47	50	27	32	30	22	20	29	36	47	58	65	72	71	68	55	65	67			43.7
	Minimum	29	27	30	4	11	23	15	4	3	6	13	30	24	8	16	17	7	– 4	15	19	23	24	45	58	62	44	30	40	39			22.8
Fort Smith***	Maximum	32	33	42	26	34	41	41	32	36	34	47	45	42	32	41	28	27	28	30	40	50	64	72	77	76	69	61	70	72			45.6
	Minimum	29	31	18	9	16	27	21	10	9	13	18	35	24	15	22	23	7	3	19	18	29	28	40	63	63	46	42	41	41			26.2
Grannis	Maximum	37	40	51	50	39	43	46	40	43	43	48	56	58	48	50	43	33	34	30	40	54	62	72	72	73	69	67	70	72			51.1
	Minimum	23	32	34	10	10	25	14	19	7	15	20	33	41	23	24	27	16	5	20	10	22	21	40	52	58	50	32	31	26			25.5
Gravette.§§	Maximum	35	39	45	21	37	37	46	10	30	30	45	46	26	20	26	21	17	20	29	41	48	60	65	76	72	56	56	69	70			41.1
	Minimum	9	21	23	2	2	10	16	5	2	4	5	15	22	6	4	12	12	– 5	– 4	13	19	21	25	50	56	43	29	28	40			16.7
Harrison	Maximum	33	33	45	40	30	33	42	35	32	31	41	39	43	31	33	27	21	18	22	36	45	58	68	75	75	68	65	62	70			43.1
	Minimum	29	27	28	5	7	18	11	11	4	7	13	26	31	13	13	19	7	– 6	11	20	20	20	46	56	58	47	30	31	41			22.2
Helena	Maximum	35	40	54	55	33	36	36	41	40	37	47	58	63	63	41	38	31	35	29	42	45	60	74	75	80	79	62	69	75			50.8
	Minimum	18	29	32	19	15	26	25	16	13	17	18	31	49	33	24	30	27	4	13	20	24	26	38	51	59	55	35	37	44			28.6
Highland	Maximum	33	38	37	35	36	37	43	38	38	45	48	54	56	50	38	32	37	38	28	44	55	61	73	76	75	72	70	69	73			49.3
	Minimum	27	31	34	13	15	27	19	25	11	19	20	36	42	30	25	22	26	5	19	16	25	26	40	58	56	52	45	38	40			29.0
Hope	Maximum	39	39	61	52	38	33	46	40	40	43	45	58	61	53	50	39	36	31	32	45	46	65	75	72	80	70	68	72	74			51.8
	Minimum	26	29	36	16	15	27	18	25	13	20	17	37	52	33	26	27	28	9	23	19	27	23	39	59	62	52	37	40	41			30.2
Hot Springs	Maximum	43	35	49	53	39	35	46	42	39	42	50	48	69	58	45	42	34	33	30	41	54	61	73	73	78	75	69	71	75			51.8
	Minimum	18	22	33	13	15	25	17	21	12	18	19	32	48	30	23	26	27	7	21	14	26	26	41	59	62	54	39	40	40			28.6
Jonesboro	Maximum	33	30	38	37	30	26	38	36	30	30	39	36	53	51	29	31	27	20	23	31	43	54	68	70	75	70	53	64	73			42.7
	Minimum	24	28	27	11	12	20	19	22	9	11	16	26	35	28	18	24	20	– 1	12	19	23	24	34	57	62	50	38	32	46			25.7
Lead Hill	Maximum	33	34	35	35	32	28	36	36	35	35	42	36	41	34	28	28	22	19	24	40	42	51	70	76	74	70	54	66	72			42.3
	Minimum	28	24	28	5	3	18	8	9	3	5	8	25	32	12	11	19	6	–15	8	18	15	18	25	58	52	47	30	26	28			19.1
Little Rock.* **	Maximum	31	33	50	29	33	28	33	38	32	34	42	59	61	37	35	32	32	22	25	36	46	58	72	71	76	68	58	67	71			45.1
	Minimum	27	31	29	15	15	25	22	18	14	18	21	34	37	26	23	26	10	5	19	20	26	29	41	61	65	44	43	39	45			28.6
Lutherville	Maximum	32	34	37	39	32	38	39	32	38	31	45	39	55	36	42	34	28	21	27	40	51	59	70	78	74	68	62	68	71			45.5
	Minimum	26	30	30	8	13	24	15	16	5	10	14	31	28	24	19	24	13	– 2	17	16	24	26	37	65	58	50	39	38	41			25.5
Magnolia	Maximum	37	45	61	63	40	39	42	43	59	45	52	62	67	61	50	51	43	39	33	35	56	63	79	80	85	89	68	76	89			57.0
	Minimum	29	34	37	19	17	29	18	31	15	23	25	35	56	37	28	29	35	11	22	23	32	29	45	59	63	54	39	42	43			33.1
Mammoth Spring	Maximum	30	32	38	35	28	27	36	31	29	31	38	38	54	43	34	34	27	26	25	36	46	55	70	78	74	71	64	71	73			43.9
	Minimum	23	25	24	5	– 6	16	10	20	1	5	5	22	33	22	13	21	17	– 8	6	15	19	21	29	42	54	50	32	26	32			19.8
Marianna	Maximum	35	50	50	53	33	32	39	40	35	35	41	54	61	58	35	36	35	30	26	37	43	53	71	71	78	72	56	65	73			48.2
	Minimum	21	30	30	19	16	26	16	24	13	13	15	30	51	32	24	24	29	4	16	20	23	23	34	34	57	53	36	37	41			27.3
Marked Tree§§	Maximum	35	36	39	25	33	29	42	40	31	31	40	49	53	37	27	33	27	17	25	33	43	50	67	70	77	67	53	64	74			43.0
	Minimum	11	26	30	14	13	12	20	26	10	10	12	17	34	32	19	21	25	0	3	15	20	23	29	40	59	62	38	32	37			23.8
Marshall	Maximum	32	41	47	47	36	35	36	32	36	31	43	39	58	43	35	31	24	22	26	38	49	56	66	72	72	73	54	67	72			45.3
	Minimum	27	27	27	6	7	18	11	11	5	7	11	29	34	16	14	20	10	– 4	12	19	..	..	..	..	..	..	33	39	36			18.0
Mena	Maximum	35	36	47	33	37	38	47	35	42	37	47	55	58	45	49	39	30	27	28	39	52	62	70	72	72	68	65	68	72			48.4
	Minimum	28	32	33	9	8	24	16	17	10	10	17	34	44	20	21	25	12	2	20	16	26	26	45	57	61	43	40	41	44			26.9
Morrilton	Maximum	34	36	37	34	33	33	33	39	34	35	45	41	50	43	36	35	33	25	26	37	47	57	68	71	74	72	60	71	72			45.2
	Minimum	22	26	30	14	13	25	17	19	11	16	17	30	34	29	24	22	25	5	20	20	26	25	37	40	62	54	40	39	38			26.9
Mountain Home	Maximum	32	32	33	35	30	30	37	32	32	30	40	37	45	34	32	26	25	20	25	36	48	57	68	77	72	66	54	69	74			42.3
	Minimum	26	24	26	5	4	17	11	11	4	6	10	24	32	17	12	19	7	– 9	6	16	20	22	33	55	57	47	31	30	34			20.6
Mt. Ida	Maximum	38	38	55	54	38	38	46	40	42	41	48	50	66	51	48	43	32	30	28	37	51	62	73	71	74	71	67	70	74			50.9
	Minimum	24	32	32	10	6	23	7	17	3	14	6	27	48	25	17	26	19	6	20	17	20	17	44	60	64	50	30	22	27			24.6
Nail	Maximum	29	29	43	39	29	33	33	31	32	32	38	34	49	31	37	26	23	21	24	32	44	51	62	63	65	58	65	61	64			40.6
	Minimum	21	26	27	0	7	16	16	7	0	3	18	26	29	12	13	16	5	– 9	11	9	21	28	39	40	56	42	30	37	49			20.5
Okay	Maximum	37	41	53	52	38	36	47	39	41	44	51	58	60	53	50	49	38	33	35	43	69	65	75	74	76	79	67	70	73			53.3
	Minimum	27	32	34	15	14	27	11	26	8	12	14	37	45	34	24	26	28	8	21	17	26	20	37	57	55	53	34	31	30			27.7
Ozark	Maximum	32	38	40	35	35	30	40	30	38	37	44	45	46	33	41	44	40	30	27	35	51	60	70	77	75	69	61	74	73			46.6
	Minimum	29	30	32	9	10	28	17	15	8	11	14	34	29	22	22	28	20	0	20	17	25	23	33	50	55	52	40	40	36			25.8
Pine Bluff	Maximum	34	36	55	54	37	32	34	41	38	37	46	58	72	59	39	36	34	29	28	41	47	56	75	74	81	71	62	71	75			50.1
	Minimum	24	31	34	17	17	28	19	25	15	21	19	33	55	33	27	27	29	9	20	21	27	21	38	59	63	51	39	37	39			30.3
Pocahontas	Maximum	32	32	35	38	29	34	38	37	30	30	38	38	52	44	32	33	29	21	25	33	46	53	66	73	73	72	53	62	74			43.2
	Minimum	17	25	25	7	5	15	17	20	3	7	10	21	32	25	12	21	17	– 5	7	17	20	20	30	51	56	49	34	27	33			21.3
Portland	Maximum	38	39	55	55	33	35	34	44	44	38	44	59	65	63	45	41	40	34	29	39	43	59	68	78	75	73	61	62	76			50.7
	Minimum	10	31	32	23	19	27	25	32	20	22	22	35	54	40	30	26	34	10	19	25	29	19	36	55	59	54	39	31	35			30.8
Prescott	Maximum	41	40	53	52	39	37	46	43	41	41	51	57	65	60	49	47	36	34	31	42	52	70	74	72	79	77	67	71	74			53.1
	Minimum	29	33	34	17	16	28	16	25	13	21	18	37	54	33	26	27	29	9	22	19	26	24	46	58	61	55	41	38	39			30.8
Rogers	Maximum	34	34	50	36	38	38	50	40	33	32	47	47	45	28	28	25	21	22	30	39	49	61	70	73	73	69	56	69	71			45.1
	Minimum	31	24	29	3	6	22	12	6	2	15	10	31	25	8	12	12	5	5	14	20	17	19	39	58	63	44	30	30	31			21.1
Searcy	Maximum	33	33	38	41	36	30	36	38	35	41	46	40	61	47	33	33	31	27	26	38	49	59	71	71	78	71	62	68	75			46.4
	Minimum	25	29	30	14	14	23	18	26	11	13	15	26	38	30	20	26	23	2	17	20	24	23	29	57	58	48	36	33	34			26.3
Stuttgart	Maximum	34	35	52	52	37	32	37	40	37	35	45	53	70	59	38	36	34	32	27	37	45	58	72	73	79	71	59	69	72			49.0
	Minimum	20	30	32	18	14	25	15	25	12	18	17	27	50	32	23	24	28	5	18	20	..	..	..	..	60	50	35	33	38			26.8
Subiaco	Maximum	35	35	42	41	37	37	40	37	36	35	48	45	58	36	43	39	31	26	29	41	51	63	72	77	76	72	62	71	74			47.9
	Minimum	27	30	31	9	14	25	16	13	9	13	15	33	28	24	22	26	19	1	21	14	26	24	36	62	51	51	39	36	37			25.9
Sunset	Maximum	30	30	43	34	31	34	..	30	35	30	40	43	49	35	40	28	21	18	26	35	47	53	61	68	67	61	58	64	66			42.0
	Minimum	25	28	29	– 1	10	21	..	3	1	3	18	30	28	7	15	15	2	– 8	10	14	24	30	44	54	57	41	30	42	48			22.1
Texarkana	Maximum	38	42	66	59	39	35	43	40	40	44	53	59	62	54	52	43	36	33	32	46	56	65	74	76	79	74	70	68	74			53.5
	Minimum	26	30	35	13	14	25	22	22	11	19	20	38	41	34	24	25	25	7	20	18	26	26	42	52	58	52	36	37	38			28.8
Thornburg	Maximum	35	33	52	45	36	32	45	35	36	36	47	42	58	40	40	35	33	27	27	41	50	59	72	74	74	71	62	71	74			47.
	Minimum	26	29	30	9	2	21	6	16	4	12	7	32	35	27	16	24	21	2	15	10	11	16	54	59	62	45	29	32	29			23.
Wilson	Maximum	34	49	48	50	32	29	41	42	31	29	40	44	56	54	31	32	30	26	24	32	41	52	65	69	73	73	54	64	72			45.
	Minimum	25	30	29	5	13	20	23	28	10	13	14	29	42	31	20	24	23	0	10	20	22	24	35	36	50	52	35	30	41			25.

Thermometers are read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers are read in the morning: the maximum temperature then read is credited to the preceding day, on which it almost always occurs.

Weather Bureau Office, Little Rock, Ark. 3-20-36-120

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

/ol. XLI   Little Rock, Ark., March, 1936   No. 3

Price: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

March was a warm, dry month, this being the driest March ince 1925 and the fourth successive month with precipitation onsiderably below the average. Temperatures were below ormal for only 7 days during the month with cold periods occurring about the 6th, 13th, and 18th. Practically no frost lamage occurred during the month.

The average temperature for the State was 57.1° which is .5° above the 46-year mean. All stations had positive departures which ranged from 0.8° above normal at Carthage to 7.6° bove at Calico Rock.

Dust was observed on 12 or more days during the month but vas heaviest on the 24th, some stations reporting visibility of -4 to 1-2 mile.

The average precipitation for the 91 stations was 2.19 inches vhich is 2.55 inches below the 46-year mean, all stations except one having negative departures. Monthly totals ranged rom 0.05 inch at De Queen in the southwestern portion to .03 inches at England in the central. Rainfall was lightest n northwestern and north-central portions and in western border counties, while it was heaviest in the southeastern portion nd in counties bordering on the Mississippi River. The greatest 24-hour amount was 3.20 inches at England on the 24th.

The dry weather was favorable for preparation of land but he soil was too dry for growth in some western portions. A mall amount of cotton and much corn were planted.

Tornadoes, etc.

Sage, 23d, 11 p. m., from sw, path 300 feet wide, loss $1,500. Bodcaw nd vicinity, 24th, 3 a. m., from sw, path 150 feet wide, property damage 500. Pastoria to Ulm, 24th, 4:30 a. m., from sw, path 1-4 mile to 1 nile wide and 35 miles long, 4 persons slightly injured, $30,000 damage. lmyra and vicinity, 24th, 5 a. m., from sw, path 1 mile wide, loss 5.000. Windstorms:---Prescott, 23d, damage $600. Van Duzer and icinity, 24th, $4,000 damage to buildings. Lake Village, 26th, 5 p. m., 1,000 damage to buildings. Heavy Hail:---Newport, 16th, no damage eported. Brinkley, 23d, 9 p. m. and 24th 5 a. m., several hundred dollars lamage. Hailstones 1 inch in diameter on 23d. Moderate Hail:-Prescott 3d, 8:15 p. m., practically no damage. Stuttgart, 24th, no damage reported. Eureka Springs, 31st, 11:15 p. m., no damage. Rogers, 31st, o damage reported.

orrections: February, 1936.—Fayetteville, number of rainy days should be 0. Subtract 0.8 feet from the river gage readings at Georgetown up to and including he 26th.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	1	1	3	1	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.		1	.	.	.	.	.	.	.	.
Light Hail	1	.	.	.	.	.	.	.	.	.		.	.	1	2	3	.	.		.	1		2	6	.	.	1	1	.	.	.
Sleet	.		.	.	.	.	.	.	.	.	.	.	.	.		1	.	.	.		.	.		.	.	.	.	.	.	.	.
Thunderstorms	2	12	1	2	.	.	.	.	.	1	8	.	.	.	9	10	.	.	5	.	.	2	19	12		4	1		.	.	3

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level) Mean	Highest	Date	Lowest	Date	Wind Aver. hourly veloc.	Max veloc.	Direc.	Date	Relative humidity 7 a.m.	12 noon	7 p.m.	Percentage of sunshine
Bentonville	29.90	30.24	5	29.45	23	8.5	26	sw	22	..	..	..	74
Fort Smith	29.84	30.22	17	29.51	23	9.4	26	sw	13	63	59	38	72
Little Rock	29.92	30.25	6	29.55	26	9.9	27	sw	13	66	45	45	71
Memphis	29.91	30.27	6	29.56	25	9.6	35	sw	24	67	50	50	74

COMPARATIVE DATA FOR MARCH

Year	Temperature Mean	Highest	Lowest	Precipitation Average	Average snowfall	Number of days Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1.3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	88	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T.	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T.	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
Period	52.6	98	1	4.74	0.5	8	13	7	11

Daily River Stages for March, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	Arkansas	22	...	5.6	5.9	5.7	5.8	6.1	6.0	5.7	5.3	5.1	5.0																				
Van Buren			5.9	6.6	6.9	6.7	6.8	7.1	7.0	6.8	6.3	6.1	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.2	5.2	5.1	5.0	5.0	5.0	5.4	5.9	5.5	5.3	5.2	5.2	5.3	5.3
Ozark	do	22	1.5	1.5	2.1	2.2	2.2	2.3	2.4	2.4	2.1	1.8	1.7	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.2	1.0	1.0	1.0	1.0
Dardanelle	do	22	5.2	5.4	5.4	5.9	6.3	6.4	6.3	6.3	6.2	5.9	5.5	5.2	5.1	5.0	4.9	4.7	4.7	4.6	4.5	4.3	4.3	4.3	4.2	4.4	4.5	4.8	5.0	4.6	4.4	4.4	4.1
Morrilton	do	20	-0.6	-0.5	-0.5	-0.5	1.2	1.3	1.6	1.8	1.7	1.4	0.9	0.6	0.2	0.0	-0.2	-0.3	-0.4	-0.6	-0.7	-0.8	-0.9	-1.0	-1.0	-0.8	-0.6	-0.5	-0.2	-0.2	-0.5	-0.8	-0.9
Little Rock	do	23	2.4	2.5	2.4	2.4	2.6	2.2	3.6	3.8	3.7	3.5	3.2	2.7	2.4	2.1	1.9	1.7	1.6	1.4	1.3	1.2	1.1	1.0	1.0	1.0	1.2	1.5	1.6	1.7	1.7	1.3	1.2
Pine Bluff	do	25	5.0	5.4	5.4	5.4	5.5	5.7	6.5	6.9	7.2	7.1	6.8	6.4	5.9	5.4	4.9	4.8	4.6	4.4	4.2	4.1	4.0	3.9	3.7	3.7	3.7	3.9	4.3	4.4	4.5	4.5	4.2
Danville	Petit Jean	20	6.2	6.1	5.5	5.6	5.8	11.1	12.0	9.2	7.7	6.8	6.1	5.6	5.1	4.9	4.7	4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.8	4.2	4.4	4.3	4.0	3.8	3.7	3.6	3.5
OzarkBeachMo	White	30	0.2	0.5	1.0	-0.8	-0.8	-0.8	-0.8	-0.8	1.0	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.4	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.4	-0.8	-0.8	-0.8	-0.8	-0.8	1.0	0.3	-0.7
Cotter	do	21	3.5	3.8	3.8	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.2	3.2	3.2	3.0	3.0	3.0	3.6	3.6	3.5	3.9
Calico Rock	do	18	2.0	2.0	2.0	2.2	1.9	2.0	1.8	1.9	1.8	1.9	1.2	1.6	1.6	1.5	1.5	1.4	1.3	0.8	1.3	1.0	1.1	1.1	1.0	1.0	0.8	1.3	1.6	1.6	1.6	1.7	1.7
Batesville	do	23	6.7	6.9	6.7	6.7	7.0	6.7	6.7	6.7	6.7	6.5	6.6	6.1	6.3	6.3	6.2	6.2	6.0	6.0	5.5	6.0	5.6	5.7	6.0	6.3	6.1	6.0	6.3	6.4	6.4	6.4	6.4
Newport	do	26	4.1	4.0	4.1	4.0	4.0	4.0	3.9	3.8	3.7	3.6	3.4	3.4	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.0	2.2	3.3	3.5	3.1	2.9	2.9	2.9	2.9	2.9
Georgetown	do	21	5.9	6.8	6.8	6.8	6.7	6.5	6.3	6.3	6.3	6.2	6.1	5.9	5.7	5.5	5.2	4.9	4.7	4.6	4.4	4.2	4.0	3.9	3.8	3.8	4.7	5.7	6.0	6.0	5.7	5.5	5.4
Clarendon	do	26	11.2	11.3	13.1	13.5	13.7	13.8	13.9	13.9	14.0	14.0	13.9	13.9	13.7	13.5	13.3	13.1	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.8	12.2	12.7	13.5	14.1	14.4	14.4	14.2
Gilbert	Buffalo	30	3.4	3.8	3.8	3.8	3.9	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.6	3.6	3.6	3.6	3.6
Black Rock	Black	14	4.5	4.6	4.5	4.4	4.3	4.1	3.8	3.8	3.6	3.5	3.3	3.3	3.2	3.1	3.1	3.2	3.1	3.0	2.9	2.9	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.2	3.1	3.1	2.9
Arkadelphia	Ouachita	17	5.8	4.8	5.4	5.6	6.2	7.4	7.3	7.2	6.4	7.0	7.0	7.1	7.0	6.2	7.2	5.8	6.6	6.3	5.5	5.1	4.5	4.3	4.4	7.1	8.2	6.9	6.8	6.5	4.7	4.6	6.1
Camden	Ouachita	26	7.1	7.2	6.9	6.2	6.5	6.7	7.8	8.8	8.7	8.0	7.6	7.6	7.5	7.4	7.0	6.4	6.2	5.8	6.2	6.2	5.7	5.4	5.0	5.4	5.3	10.8	12.2	11.4	9.9	8.8	7.2
Fulton	Red	25	7.7	7.3	7.1	6.8	6.6	6.8	7.8	8.6	9.1	9.2	8.6	8.0	7.4	6.9	7.0	7.2	7.0	6.6	6.3	6.1	5.9	5.7	5.6	5.6	5.7	5.8	6.3	6.2	6.3	6.4	6.3
Helena	Mississippi	41	27.2	28.5	29.3	30.4	31.7	32.6	33.1	33.5	33.6	33.8	34.0	34.2	34.4	34.5	34.5	34.4	34.1	33.4	32.6	31.8	31.2	31.2	31.7	32.7	33.7	34.7	35.7	36.5	37.2	37.9	38.6
rkansas City	do	18	17.2	19.5	21.1	22.2	23.2	24.2	24.9	25.5	26.0	26.3	26.6	26.7	26.8	27.0	27.2	27.2	27.2	27.0	26.7	26.4	25.8	25.3	25.1	25.1	25.5	26.1	26.9	27.6	28.2	28.8	29.3

Climatological Data for March, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	56.2	+ 2.2	81	21	33	3†	41	1.50	−2.60	0.45	0.0	8	11	17	3	s.	J. W. Campbell
Arkadelphia	Clark	200	41	....	....	....	....	....	....	....	2.80	−1.67	2.00	0.0	6	16	4	11	sw.	W. K. Bown
Arkansas City	Desha	145	52	....	....	....	....	....	....	....	3.87	−1.33	1.82	0.0	9	20	1	10	....	Herbert Neff
Batesville	Independence	277	37	54.8	+ 4.6	80	29	25	6	43	2.89	−1.39	1.30	0.0	9	20	5	6	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	57.3	+ 5.5	80	26†	32	18	41	1.42	−2.96	0.60	0.0	6	17	4	10	s.	J. E. Scanlan
Benton	Saline	285	1	....	....	....	....	....	....	....	3.11	....	1.88	0.0	6	17	5	9	....	S. A. Burks
Bentonville	Benton	1295	31	53.0	+ 4.6	79	29	31	31	32	1.16	−2.41	0.38	T.	7	10	10	11	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	6	....	....	....	....	....	....	....	2.87	....	0.75	0.0	9	15	7	9	....	C. J. Brooks
Black Rock	Lawrence	259	35	....	....	....	....	....	....	....	2.97	−1.39	0.87	0.0	10	20	3	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	11	54.2	+ 2.6	81	26	30	18	38	3.27	−2.07	1.20	0.0	7	22	1	8	s.	Samuel Norris
Booneville	Logan	465	22	58.2	+ 5.0	83	29	32	13	45	1.85	−2.18	0.94	0.0	6	16	10	5	s.	F. H. Randolph
Boughton	Nevada	200	1	....	....	....	....	....	....	....	1.60	....	1.18	0.0	5	13	5	13	....	Harry Buie
Brinkley	Monroe	205	49	58.2	+ 4.9	81	27	31	18	41	2.94	−2.35	1.00	0.0	8	21	2	8	ne.	R. J. Torry
Calico Rock	Izard	361	32	55.8	+ 7.6	84	26†	29	6†	45	1.37	−2.67	0.50	0.0	6	17	6	8	sw.	W. M. Jones
Camden	Ouachita	116	51	60.3	+ 5.3	86	15	32	6†	47	3.31	−1.32	1.80	0.0	8	12	7	12	se.	J. M. Knight
Carthage	Dallas	297	31	57.8	+ 0.8	82	15	30	18	43	2.75	−1.95	1.60	0.0	7	16	12	3	n.	P. K. Wylie
Center Point	Howard	591	37	58.4	+ 2.4	82	15†	33	4†	40	0.51	−4.09	0.29	0.0	4	18	9	4	se.	John C. Floyd
Clarendon	Monroe	172	32	....	....	....	....	....	....	....	2.96	−1.98	0.90	0.0	10	12	5	14	s.	R. M. Wheatley
Clinton	Van Buren	516	15	....	....	....	....	....	....	....	2.24	−2.32	1.07	0.0	7	14	11	6	se.	A. L. Stephens
Conway	Faulkner	309	53	58.4	+ 4.6	84	26	31	17	44	1.68	−2.60	0.55	0.0	7	19	6	6	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	56.7	....	80	15	32	18	34	2.71	−2.60	0.97	0.0	9	18	10	3	s.	P. B. Hutchens
Corning	Clay	298	43	55.2[a]	+ 4.5	84[a]	26	28[a]	18	43[a]	1.99	−2.37	0.38	0.0	9	18[a]	1[a]	11[a]	....	Winfred D. Polk
Cotter	Baxter	440	9	....	....	....	....	....	....	....	1.13	....	0.35	0.0	4	15	6	7	....	O. B. McSpadden
Crossett (near)	Ashley	175	24	59.7	+ 4.3	86	24	29	18	49	2.11	−3.03	1.15	0.0	7	16	3	12	s.	U. S. Forest Service
Danville	Yell	327	20	....	....	....	....	....	....	....	1.72	−2.02	0.74	0.0	7	13	12	6	....	J. M. Patterson
Dardanelle	Yell	330	50	58.4	+ 5.6	84	29†	34	13	43	2.24	−1.74	0.63	0.0	8	8	17	6	s.	Geo. N. Goodier
De Queen	Sevier	426	1	59.8	....	83	30	31	17	45	0.05	....	0.02	0.0	3	13	14	4	s.	E. B. Smith
Dumas	Desha	162	31	60.2	+ 4.9	87	15	32	13†	42	3.18	−2.58	1.30	0.0	9	12	8	11	s.	Ben Johnson
Dutton	Madison	1590	34	51.2	+ 4.2	76	29	22	17	43	1.50	−2.51	1.01	0.0	7	14	13	4	s.	J. M. Ricketts
El Dorado	Union	270	56	62.0	+ 5.8	86	15	35	6	40	3.49	−1.47	1.40	0.0	11	15	6	10	s.	E. W. Gaston
England	Lonoke	229	30	56.2[b]	+ 1.8	77[b]	28	33[b]	18	34[b]	6.03	+1.19	3.20	0.0	7	18[c]	6[c]	4[c]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	54.7	+ 4.6	81	29	29	17	34	1.57	−2.41	0.52	0.0	7	14	11	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	54.8	+ 5.3	80	29	30	17†	35	0.94	−2.76	0.34	0.0	6	13	13	5	sw.	University of Arkansa
Fort Smith	Sebastian	448	55	57.8	+ 5.2	83	29	37	12	36	0.75	−2.26	0.36	0.0	5	13	11	7	e.	U. S. Weather Burea
Freeman Springs ‡‡	Pope	2240	12	....	....	....	....	....	....	....	1.26	−3.23	0.49	0.0	5	20	4	7	sw.	R. J. McCuiston
Fulton	Hempstead	260	51	....	....	....	....	....	....	....	0.89	−3.45	0.74	0.0	2	15	2	14	....	T. J. Logan
Georgetown	White	200	24	....	....	....	....	....	....	....	2.36	−2.33	1.12	0.0	9	16	11	4	....	Mrs. W. R. Owens
Gilbert	Searcy	600	10	....	....	....	....	....	....	....	1.45	....	0.39	0.0	6	21	1	9	....	F. J. King
Glenwood	Pike	547	1	....	....	....	....	....	....	....	1.70	....	0.80	0.0	7	18	7	6	....	C. A. Price
Graunis	Polk	900	17	56.8	+ 5.4	81	30	28	13	44	1.52	−3.42	0.84	0.0	6	14	13	4	s.	W. E. McVay
Gravette	Benton	1250	39	51.2	+ 5.2	80	29	27	18	46	1.19	−2.43	0.55	0.0	3	20	10	1	nw.	Max W. Schmidt
Harrison	Boone	1052	36	53.2	+ 4.6	83	29	29	6†	44	1.25	−2.34	0.41	0.0	6	23	3	5	sw.	Louis R. Keck
Heber Springs	Cleburne	....	1	....	....	....	....	....	....	....	2.05	....	0.95	0.0	7	12	8	11	....	R. L. Black
Helena	Phillips	300	64	59.4	+ 5.8	84	15	32	17	36	3.94	−1.77	2.44	0.0	8	16	4	11	s.	James A. Burnett
Higden	Cleburne	445	17	....	....	....	....	....	....	....	1.13	−3.13	0.85	0.0	8	21	2	8	sw.	Trumon Brown
Highland	Pike	491	17	59.2	....	82	15	37	12	38	1.98	....	1.00	0.0	4	10[g]	20	1[g]	s.	J. O. Cooley
Hope	Hempstead	354	66	60.0[g]	+ 3.4	85[g]	15	35[g]	3†	41[h]	2.02	−2.66	1.25	0.0	5	15[g]	3[g]	6[g]	....	N. P. O'Neal
Hot Springs	Garland	600	45	59.2	+ 5.5	82	29	34	6†	40	1.85	−2.58	0.85	0.0	5	11	17	3	s.	National Park Servi
Index ‡‡	Little River	275	19	....	....	....	....	....	....	....	1.20	−2.84	0.92	0.0	6	13	1	17	....	H. C. Sanderson
Jessieville	Garland	750	10	....	....	....	....	....	....	....	2.04	....	0.78	0.0	7	14	11	6	sw.	U. S. Forest Service
Jonesboro	Craighead	345	41	57.0	+ 4.8	83	26	33	18	37	2.88	−1.68	1.08	0.0	11	17	8	6	sw.	Benedictine Sisters
Lead Hill	Boone	650	30	52.3	+ 3.5	86	29	23	17	47	0.84	−2.80	0.30	0.0	5	17	11	3	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	57	58.0	+ 5.0	80	29	37	13	33	2.35	−2.27	1.49	0.0	6	15	7	9	sw.	U. S. Weather Burea
Lutherville ‡‡	Johnson	775	37	57.0	+ 5.4	81	29	32	17	38	2.30	−1.71	0.66	0.0	7	17	4	10	sw.	H. G. Lenhardt
Madison	St. Francis	209	6	....	....	....	....	....	....	....	3.31	....	1.10	0.0	7	16	1	14	....	J. W. Eppes
Magnolia	Columbia	315	20	62.5	+ 5.7	88	15†	35	17	42	3.30	−1.16	2.00	0.0	4	12	12	7	s.	State Agri. School
Malvern	....	....	..	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Mammoth Spring	Fulton	600	32	55.2	+ 5.4	81	30	27	13	43	1.54	−2.12	0.52	0.0	5	18	10	3	nw.	S. F. Whittaker
Marianna	Lee	235	25	58.2	+ 4.2	80	10†	33	18	37	3.28	−1.39	0.85	0.0	8	14	12	5	s.	C. N. Houck
Marked Tree	Poinsett	229	32	55.6	+ 5.2	83	26	31	18	42	2.89	−2.00	0.58	0.0	10	16	9	6	s.	Charles Walton
Marshall	Searcy	1070	22	....	....	....	....	25	17	....	1.22	−2.50	0.33	0.0	6	20	3	8	s.	A. J. Parks
Mena	Polk	1207	48	57.9	+ 5.6	81	29	36	6†	40	3.29	−0.94	1.47	0.0	7	10	11	10	nw.	E. W. St. John
Morrilton	Conway	347	17	58.2	+ 7.4	80	30	34	17†	38	1.01	−2.67	0.35	0.0	4	16	7	8	sw.	Hugh B. Wear
Mountain Home	Baxter	800	24	54.0	+ 4.0	82	29	30	6†	45	1.40	−2.11	0.45	0.0	5	15	5	11	nw.	B. S. Halbert
Mount Ida	Montgomery	650	37	56.6	+ 4.4	82	21	26	3†	48	2.05	−2.11	1.05	0.0	4	17	4	10	w.	G. A. Whittington
Nail	Newton	2233	28	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Charles Paxton
Newport	Jackson	231	53	57.0	+ 4.7	83	29	32	18	39	2.83	−1.59	0.62	0.0	11	17	8	6	n.	J. D. Henderson
Norman	Montgomery	750	8	....	....	....	....	....	....	....	1.85	....	0.85	0.0	5	14	3	14	s.	U. S. Forest Service
Oden	Montgomery	800	10	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	U. S. Forest Service
Okay	Howard	288	8	59.8	....	85	15†	30	3†	47	1.11	....	0.77	0.0	5	15	12	4	s.	Charles R. Jackson
Ozark	Franklin	396	41	....	....	....	....	....	....	....	1.52	−1.64	0.58	0.0	6	19	0	12	....	Orkney O. Milton
Paragould	Greene	275	13	....	....	....	....	....	....	....	2.59	−3.19	0.61	0.0	8	20	3	8	se.	W. R. Heagler
Parkin	Cross	222	6	....	....	....	....	....	....	....	3.76	....	0.98	0.0	6	12	3	16	....	Carroll King
Patterson	Woodruff	204	20	....	....	....	....	....	....	....	2.18	−2.68	0.84	0.0	4	18	9	4	s.	W. E. Baker
Pine Bluff	Jefferson	215	49	59.9	+ 5.1	87	29	35	18	39	3.37	−1.80	0.92	0.0	10	13	10	8	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	43	55.2	+ 4.2	82	26	27	13	42	1.63	−2.73	0.42	0.0	8	14	4	13	sw	Benedictine Sisters
Portland	Ashley	122	30	59.8	+ 3.1	85	15	32	15	42	3.50	−1.67	1.10	0.0	5	18	6	7	sw.	W. E. Edmiston
Prescott	Nevada	318	48	60.9	+ 5.3	84	15	35	3	42	2.54	−1.96	2.02	0.0	7	14	8	9	s.	Craig Williams
Rogers (near)	Benton	1300	46	54.3	+ 5.3	82	29	28	6†	44	0.85	−2.55	0.39	0.0	3	18	5	8	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	....	....	....	....	....	....	....	1.97	....	0.55	0.0	7	17	6	8	s.	Miss Clarice Maddo
St. Francis	Clay	290	9	....	....	....	....	....	....	....	3.67	....	0.86	0.0	10	21	0	10	....	S. T. Rooney
Searcy	White	245	26	57.4	+ 5.2	83	26	32	6†	42	1.80	−2.26	0.83	0.0	9	20	1	10	sw.	Arthur D. Smith
Springbank	Miller	240	27	....	....	....	....	....	....	....	1.71	−2.68	0.71	0.0	3	18	3	10	....	Henry Field
Story	Montgomery	650	12	....	....	....	....	....	....	....	1.87	−2.41	1.15	0.0	3	23	3	5	n.	S. C. Story
Stuttgart	Arkansas	209	49	58.2	+ 4.4	80	10†	31	18	41	3.41	−1.58	0.90	0.0	9	22	6	3	sw.	Mrs. B. E. Swim
Subiaco	Logan	750	39	58.1	+ 5.1	84	29	34	13	41	1.41	−2.32	0.62	0.0	6	17	8	6	sw.	New Subiaco Abbey
Sunset	Washington	2250	5	53.2	....	76	29	27	12	32	1.20	....	0.58	T.	6	19	6	6	sw.	Walter James
Texarkana	Miller	332	51	60.6	+ 4.4	85	15	32	17	41	1.71	−2.55	1.35	0.0	3	18	6	7	n.	H. S. Brashear
Thornburg	Perry	650	16	54.6	+ 2.9	81	26	24	13	47	0.91	−2.95	0.31	0.0	8	14	11	6	s.	Edward E. Holmes
Waldron	Scott	675	17	....	....	....	....	....	....	....	1.99	−2.28	0.87	0.0	4	13	9	9	se.	Dr. Cheves Bevill
Warren	Bradley	206	42	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Miss Sue Hoyle
Waters	Montgomery	840	12	....	....	....	....	....	....	....	3.14	−0.61	2.05	0.0	5	15	9	7	w.	J. R. Huddleston
Whitecliffs	Little River	290	30	....	....	....	....	....	....	....	1.71	−2.48	0.80	0.0	3	24	2	5	....	William W. Davis
Wilson	Mississippi	237	11	56.2	+ 4.1	87	27	31	6	41	5.28	−0.13	1.05	0.0	10	22	1	8	s.	D. O. Anderson
Wynne	Cross	250	28	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	R. T. Cobbs
Yancopin	Desha	167	12	....	....	....	....	....	....	....	2.43	−3.16	0.67	0.0	9	17	1	13	....	W. E. Barton
State Means				57.1	+ 4.5	88	15†	22	17	49	2.19	−2.55	3.20	T.	7	16	7	8	s.	

Daily Precipitation for March, 1936

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity ||||	Ouachita		.21		.10	35											.04				.20			.10	.45			.05					1.50
Arkadelphia ||||	Ouachita		.22		.09	.39						.02									.08			T.	2.00				T				2.80
Arkansas City ||||	Mississippi			.37		.50	T						.02				.11	.10			.40			T.	.10	.45		1.82					3.87
Batesville ||||	White		.10			.20						.13				.28	.22	.09			.40			1.30	.17								2.89
Bee Branch	Arkansas		.10		.28							.06					.10			.28				.60									1.42
Benton ||||	Saline		.14			1.88											.05				.16			09	.79								3.11
Bentonville ***	Arkansas	.29	.02					T.	T.		.06	.32					.02			.14				.31									1.16
Big Lake Outlet ||||	St. Francis		.05			.16						.07				.75	.44	T.			.75			T.	.46	.05		.14					2.87
Black Rock ||||	White		.21			.42				T.		.08				T	.52	.10			.44			.87	.11		.16	.06					2.97
Blytheville ||||	St Francis					.21						.05				.64	.24				1.20			T.	.53			.40					3.27
Booneville	Arkansas		.30		.94							.06					.10			§.12				.33									1.85
Boughton ||||	Ouachita		.06		T.	.22							T.								.12			.02	1.18								1.60
Brinkley	White		.04			.80						.05				.05	.12				.54			T.	1.00			.34					2.94
Calico Rock ||||	White		.22			.22						.02									.29			.50	.12								1.37
Camden ||||	Ouachita		T.	.28	.02	.57												.34			.04				.26		*	1.80					3.31
Carthage	Ouachita		.15			.13						.05					.46			.21					1.60		.15						2.75
Center Point	Red		.01		.18															.03				.29			T.						0.51
Clarendon ||||	White		.02	.08		.62							.05				.05	.26			.20			T.	.72		.06	.90					2.96
Clinton	White		.16		.39							.01					.20			.21	.20			1.07									2.24
Conway	Arkansas		.09		.33												.18			.41				.55	.09		.03						1.68
Cornerstone	Arkansas		.16			.97						.09					.14	.05		*	.16			T.	.42		.72	T.					2.71
Corning ||||	White					.25				.10		.10					.32		.38		.38			.32	.06		.08						1.99
Cotter ||||	White		.25									.20									.35			.33									1.13
Crossett [near]	Ouachita		.06		1.15							.03					.18				.26			.08				.35					2.11
Danville ||||	Arkansas		.38			.20						.01					T.	.01			.26			.74	.12								1.72
Dardanelle ||||	Arkansas		.34			.58						.04					.29	.04			.16			.63	.16								2.24
De Queen	Red																T			.02				.02	.01								0.05
Dumas	Mississippi		.12		.49							.10					.23			.50			.01	.03	.40		1.30						3.18
Dutton	White		.16		.03				T.			.06					.05			.16			.03	1.01									1.50
El Dorado ||||	Ouachita		.22	.10	.05	.80							.02					.09			.33			.10	.33		.05	1.40					3.49
England	Arkansas				.78												.06				.16			.04	3.20		1.75	.04					6.03
Eureka Springs	White		.53						.02	.05		.31					.10			.22				.34									1.57
Fayetteville	White		.34						.01	.02		.18					T.			08			T.	.31									0.94
Fort Smith ***	Arkansas		.09		.36							.03					T.			.02			T.	.25									0.75
Freeman Sprgs. ||||	Arkansas		.21			.49											T.	T			.03			.43	.10								1.26
Fulton ||||	Red		T		T.	.15															T.				.74			T.					0.89
Georgetown ||||	White		.06			.41						.04				T.	.26	.06			.34			.03	1.12			.04					2.36
Gilbert ||||	White		.33			.24				T.		.39					.01				.31			.17	T.								1.45
Glenwood ||||	Ouachita		.24		.05	80										T.					.11			.19	.25		.06						1.70
Grannis	Red		.08		.47										.03	T.	T.			T.			.08	.84	.02	T.	T.	T.				T.	1.52
Gravette ||||	Arkansas		.35									.55													.29								1.19
Harrison	White		.41									.11					.10			.28				.33	.02								1.25
Heber Springs ||||	White		.20			.20						.10					.18	.07			.35			.95									2.05
Helena ||||	Mississippi		.04			.24											.17	.18			.42				.15	.30		2.44					3.94
Higden	White																.18			.10				.85									1.13
Highland	Ouachita				15												T.							75	1.00		.08						1.98
Hope	Red		.10		.50															.07				.10	1.25								2.02
Hot Springs	Ouachita		.45		.85	T.														.21				.07	.27								1.85
Index ||||	Red		T.		.10	.05															.09			.02	.92			.02					1.20
Jessieville ||||	Ouachita		.43			.78												.02			.25			*	.51			.05					2.04
Jonesboro ||||	White		.07			.21						21				.48	.17	.01			.50			.01	1.08		.05	.09					2.88
Lead Hill	White		.30						T.			.09					03			.15				.27	T.								0.84
Little Rock ***	Arkansas		.16		1.49	T.			T.			T.				T.	T.			.21			T.	.11	.36	T.	.02	T.					2.35
Lutherville	Arkansas		.50		.66							.10					.05			.18			T.	.61	.20								2.30
Madison ||||	St. Francis		T.			1.10										.10	.06				.47			T.	.67		.08	.83	T.				3.31
Magnolia	Red		.10		1.00															T.					.20		2.00						3.30
Mammoth Spg ||||	White		.39							.14		.13									.36			.52									1.54
Marianna	St. Francis				.33	.38											.27			.60	.03				.85		.70	.12					3.28
Marked Tree ||||	St. Francis		.04			.48						.01				.43	.53	.05			58				.45		.03	.29					2.89
Marshall	White		.25		.33	.02										.10				.20				.32									1.22
Mena ||||	Ouachita		.41		.09	1.47									.01	.12					T.			1.03	.16								3.29
Morrilton ||||	Arkansas		.14			.35															.27			.25	T			T.					1.01
Mountain Home	White		.45							.08							.12			.40				.35									1.40
Mount Ida	Ouachita		.44		1.05															.34				.22									2.05
Nail	White																																....
Newport ||||	White		.10			.24						.26				.33	.55	.05			.37			.19	.62		.10	.02					2.83
Norman ||||	Ouachita		.57		.09	.85									T.									.24	.10								1.85
Oden ||||	Ouachita																																....
Okay	Red		.05		.25															.02					.77		.02	T					1.11
Ozark ||||	Arkansas		.22		T.	.58				.03		T.						T.			.18			.48	.03								1.52
Paragould ||||	St. Francis			.09		12											.46	.05			61		.61	T.		.51	14						2.59
Parkin ||||	St. Francis					.98										.21					.95				.54		.30	.78					3.76
Patterson	White					.51														.84					.76		.07						2.18
Pine Bluff ||||	Arkansas		.08	.12		.92						T.	.03				.20	.10			.26			.02	.86			.78	T.				3.37
Pocahontas	White				.12					.10		.16				.13	.20			.40				.42	.10								1.63
Portland ||||	Ouachita		T.	.55		.79												1.10			.41			T.				.65	T.				3.50
Prescott ||||	Ouachita		.06		.03	.23											.01				.04			.15	2.02								2.54
Rogers (near)	White		.39						T.											.18				.28									0.85
Rosebud	Arkansas		.22		.55						.15						.15			.30				.45	.15		T.						1.97
St. Francis ||||	St. Francis		.06			T.				.12		.16				T.	.13	.48			.86			.81	.49		.10	.46					3.67
Searcy	White		.11		.10	.04						.10					.09			.40				.03	.83		.10						1.80
pringbank ||||	Red			T.	.30	.70							T.		T.	T.	T.	T.			T			T	.71								1.71
tory ||||	Ouachita				T.	1.15												.36							.36								1.87
Stuttgart ||||	Arkansas		T.	08		.85							.03				.05	.20			.48			.02	.80			.90					3.41
ubiaco	Arkansas		.30		.62	.04						.02					T			.05				.38									1.41
unset	Arkansas		.26									.10					.10			.15			.01	.58									1.20
exarkana ||||	Red		.11																		.25				1.35								1.71
hornburg	Arkansas		.11		.28	.02		.10									.06			31					.01		.02	T.					0.91
Waldron	Arkansas		.33		.87												T.			.19				.60									1.99
Warren	Ouachita																																....
Waters ||||	Ouachita		.40		*	1.69																		*	2.05								4.14
Whitecliffs ||||	Red					.80																		.21	.70								1.71
Wilson ||||	Mississippi		.42			.50						.03				.45	1.05	.03			.80				.75		.85	.40					5.28
Wynne ||||	St. Francis																																....
ancopin ||||	Arkansas			.02		.38							.04				.25	.12			.67				.28			.65	.02				2.43

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. dresses as follows:—Big Lake Outlet, Manilla; Cornerstone, Altheimer. Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; sebud, Mt. Vernon, Route 2. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||||24 hour ending 7 a.m. *Inded in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitan with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for e period to 1935, inclusive.

Daily temperatures for March, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity.§§	Maximum	74	69	74	65	63	67	73	76	77	79	61	60	71	75	80	57	63	72	58	69	81	68	68	74	75	78	67	75	79	76	57	70.4
	Minimum	35	36	33	34	45	35	30	38	43	47	47	40	33	35	50	46	37	33	34	43	40	41	58	54	47	50	50	39	40	55	46	41.9
Batesville	Maximum	69	69	72	66	60	61	71	75	70	78	71	53	69	71	67	62	59	68	68	64	73	72	70	72	66	79	73	73	80	75	67	69.1
	Minimum	29	47	29	36	30	25	32	35	44	36	48	38	27	48	51	40	32	27	41	41	31	51	58	56	38	56	43	31	58	61	37	40.5
Bee Branch	Maximum	75	74	72	74	61	62	70	78	74	75	75	60	70	72	67	67	59	70	70	65	71	71	67	72	72	80	76	73	80	80	76	71.2
	Minimum	34	47	34	48	37	33	37	42	50	45	46	33	35	50	55	40	36	32	43	40	39	52	57	55	46	55	43	36	53	53	38	43.4
Bentonville ***	Maximum	71	59	67	64	57	64	71	62	71	73	51	50	69	67	61	51	58	69	55	63	72	63	72	64	68	71	64	73	79	71	52	64.6
	Minimum	45	41	43	40	34	33	46	49	43	48	38	31	38	41	41	38	32	41	42	34	40	60	54	45	39	41	32	43	58	39	31	41.3
Blytheville	Maximum	66	65	66	66	48	56	68	73	63	73	61	54	70	71	66	57	51	58	72	57	66	65	67	68	68	81	68	65	74	75	66	65.3
	Minimum	35	49	41	38	33	32	37	41	48	40	44	39	32	52	55	42	33	30	44	40	39	49	58	56	44	56	47	38	51	55	37	43.1
Booneville	Maximum	79	71	76	69	63	65	74	74	76	78	72	54	73	70	70	68	63	73	68	68	80	75	76	72	64	81	69	77	83	82	69	72.0
	Minimum	36	48	34	46	39	34	42	47	45	46	45	38	32	45	52	47	33	37	46	38	35	60	55	54	42	52	42	36	60	65	43	44.3
Brinkley	Maximum	74	70	75	67	59	64	74	77	74	79	70	59	71	73	75	64	59	72	72	66	76	74	75	76	69	76	81	74	79	77	70	71.6
	Minimum	35	51	34	45	38	33	37	43	46	43	52	40	34	52	57	42	36	31	47	41	38	53	62	57	48	53	51	39	52	60	42	44.9
Calico Rock	Maximum	76	68	77	66	60	64	74	70	66	77	61	54	73	72	67	63	60	73	70	64	73	72	69	68	67	84	76	77	84	82	62	70.0
	Minimum	34	42	32	39	33	29	37	39	46	38	47	37	29	39	50	44	32	29	43	40	33	56	55	58	40	54	41	35	60	61	36	41.5
Camden	Maximum	74	73	75	75	65	69	74	76	78	81	79	68	70	79	86	83	64	72	72	72	82	79	77	79	79	79	70	75	80	82	75	75.5
	Minimum	37	48	33	49	47	32	34	41	40	41	52	42	32	52	61	45	35	33	48	41	35	40	64	57	44	60	51	42	50	61	50	45.1
Carthage	Maximum	74	68	74	60	60	66	74	76	75	80	68	60	71	75	82	73	60	72	68	67	80	71	73	75	74	78	68	75	80	74	65	71.5
	Minimum	34	45	31	45	42	31	34	39	40	40	52	40	32	52	60	44	31	30	45	38	38	53	64	60	45	53	47	40	54	59	47	44.2
Center Point	Maximum	72	66	75	66	67	68	75	76	79	77	76	57	65	81	82	76	69	73	68	70	72	68	68	67	77	78	74	71	78	82	69	72.3
	Minimum	36	46	35	33	46	34	39	42	45	46	52	36	34	49	56	50	33	35	47	36	38	55	62	53	46	58	49	40	51	55	47	41.6
Conway	Maximum	79	73	78	67	62	66	75	78	75	79	70	59	75	74	69	64	65	73	69	66	76	74	69	73	65	84	69	77	83	80	75	72.3
	Minimum	35	50	34	47	40	32	37	41	44	45	51	39	33	49	54	42	31	33	46	40	36	54	63	57	45	55	49	39	52	59	43	44.5
Cornerstone	Maximum	68	68	69	60	59	59	69	72	73	74	71	56	65	71	80	74	50	66	66	64	66	76	71	72	67	75	68	68	74	68	67	67.9
	Minimum	40	50	35	49	43	33	37	43	43	42	51	39	35	52	59	43	34	32	45	38	38	55	63	56	47	61	51	40	53	58	45	45.5
Corning	Maximum	..	74	73	69	59	56	75	72	70	78	72	54	72	74	67	59	56	56	72	63	70	70	74	72	60	84	71	73	81	74	62	68.7
	Minimum	..	40	36	40	31	30	33	39	49	40	44	37	29	48	52	42	31	28	42	39	37	48	58	57	42	51	42	35	56	60	34	41.7
Crossett	Maximum	74	74	74	72	68	67	75	76	80	82	75	65	69	77	85	82	61	65	73	69	82	76	77	86	83	81	79	75	82	80	77	75.5
	Minimum	31	45	35	35	49	31	34	38	40	41	53	32	32	50	63	46	31	29	36	36	33	49	64	69	55	65	53	37	46	51	51	43.9
Dardanelle	Maximum	79	73	78	65	61	64	73	72	74	79	70	57	74	68	71	73	71	74	66	69	76	69	72	70	68	81	68	77	84	84	70	71.9
	Minimum	36	49	35	46	40	35	39	43	45	47	49	39	34	52	54	44	35	35	46	41	36	56	58	60	44	53	46	38	56	61	42	45.0
De Queen	Maximum	75	72	76	70	65	68	74	76	80	78	74	64	73	80	80	76	66	74	70	73	81	76	78	76	76	80	73	77	82	83	73	74.8
	Minimum	34	45	32	50	42	36	36	47	44	45	52	35	32	50	56	52	31	36	44	47	36	41	63	55	44	60	51	38	49	55	50	44.8
Dumas	Maximum	77	66	78	60	60	68	76	77	78	82	68	62	72	78	87	75	60	74	85	68	78	74	74	80	75	80	67	76	82	78	70	73.7
	Minimum	40	51	38	52	44	33	39	42	44	44	52	40	32	52	61	43	34	32	46	40	55	54	63	57	48	62	52	42	52	56	46	46.6
Dutton	Maximum	69	69	67	66	58	60	68	68	72	71	67	49	67	65	65	59	56	67	64	61	71	64	66	65	65	74	64	71	76	75	54	65.6
	Minimum	32	39	29	36	31	24	38	38	35	39	39	30	28	38	46	35	22	28	39	32	28	56	51	48	30	56	30	30	51	54	33	36.9
El Dorado	Maximum	76	67	77	72	67	70	75	75	80	82	76	62	69	78	86	84	65	74	73	71	83	74	78	83	83	75	70	76	81	79	72	75.3
	Minimum	39	50	39	57	49	35	40	46	44	45	57	40	39	51	62	48	36	36	50	43	43	55	65	59	49	66	51	50	52	58	52	48.7
England	Maximum	64	..	68	68	59	61	63	63	70	69	70	55	63	69	69	64	56	67	..	72	67	69	70	70	70	77	70	70	71	71	69	67.0
	Minimum	41	..	38	49	39	35	38	44	46	45	51	40	35	51	57	43	36	33	..	41	41	55	61	56	45	55	50	42	51	58	44	45.5
Eureka Springs	Maximum	71	66	69	68	59	65	73	65	70	74	67	51	70	71	63	58	59	70	64	64	70	64	74	67	70	74	65	74	81	74	51	67.1
	Minimum	45	38	48	49	32	31	49	49	45	52	37	30	39	42	42	37	29	41	41	35	42	55	53	45	38	49	32	46	60	51	30	42.3
Fayetteville	Maximum	70	66	69	66	58	63	71	68	73	73	69	50	70	66	64	57	59	70	67	64	73	69	73	71	68	73	64	74	80	78	56	67.5
	Minimum	44	39	43	47	37	33	47	45	42	53	38	31	39	39	43	39	30	39	43	30	38	56	52	44	35	56	34	42	60	55	32	42.1
Fort Smith***	Maximum	75	66	74	56	64	65	73	72	74	78	62	55	74	71	70	57	63	74	61	70	78	69	77	68	66	75	65	77	83	77	56	69.2
	Minimum	44	50	40	49	44	41	47	53	49	52	44	37	38	48	55	43	37	42	45	37	43	62	56	51	46	49	42	42	62	48	42	46.4
Gravette.§§	Maximum	72	60	72	60	57	65	73	65	74	75	51	51	71	67	62	49	60	71	52	64	73	65	74	59	69	71	64	76	80	70	52	65.3
	Minimum	35	37	36	44	32	32	34	43	39	45	35	30	31	36	40	42	28	27	44	30	32	40	54	40	34	40	30	30	45	54	30	37.1
Harrison	Maximum	73	63	73	63	58	65	73	67	65	75	65	65	70	70	61	60	58	71	62	63	70	63	73	66	66	80	64	75	83	79	55	67.5
	Minimum	33	42	38	41	34	29	29	41	44	40	41	33	35	36	41	38	30	30	41	36	36	41	54	49	36	48	36	38	51	55	31	38.9
Helena	Maximum	75	68	75	72	66	65	73	77	74	80	69	64	73	80	84	65	54	71	70	61	70	75	73	78	70	79	74	70	75	75	70	71.8
	Minimum	42	50	40	53	41	37	44	50	47	51	52	37	37	50	60	42	32	35	47	40	42	51	63	56	51	61	50	44	52	51	43	46.9
Highland	Maximum	72	75	77	70	70	71	72	74	80	77	76	60	71	74	82	70	69	72	67	73	74	68	70	74	76	77	68	76	78	79	80	73.3
	Minimum	41	48	45	51	48	39	40	48	48	50	45	37	40	48	48	43	38	51	46	39	38	38	46	53	48	56	49	43	51	44	42	45.2
Hope	Maximum	75	69	76	67	65	68	68	78	80	80	69	62	70	81	85	73	66	75	68	..	..	80	79	76	78	77	..	..	..	..	..	73.5
	Minimum	40	52	35	55	48	35	37	49	43	45	53	38	41	51	63	51	36	36	49	39	..	..	63	56	45	57	..	..	..	..	..	46.5
Hot Springs	Maximum	75	69	76	62	61	66	74	76	78	79	67	53	73	77	77	69	64	74	62	68	81	74	68	75	75	79	73	77	82	78	63	72.1
	Minimum	42	51	37	49	41	34	39	47	45	46	52	41	38	51	57	43	34	36	47	45	41	57	62	55	47	57	51	41	54	57	42	46.4
Jonesboro	Maximum	65	68	73	68	56	59	72	75	68	78	67	54	70	72	67	59	56	67	71	60	69	72	73	74	68	83	69	73	79	78	72	68.9
	Minimum	37	48	41	51	35	34	37	41	50	47	50	38	38	51	50	42	34	33	46	40	43	49	62	57	47	56	45	36	55	61	37	45.0
Lead Hill	Maximum	70	70	63	65	63	62	76	67	70	77	70	52	73	72	63	62	59	72	65	63	72	66	76	67	67	82	66	76	86	78	58	68.6
	Minimum	29	39	29	35	28	24	34	38	43	36	41	34	26	32	36	40	23	27	40	32	28	56	50	52	30	41	32	29	50	50	31	36.0
Little Rock.***	Maximum	71	67	72	61	58	60	71	74	71	77	64	55	70	70	72	55	58	70	65	65	73	72	70	71	68	79	63	74	80	73	57	67.9
	Minimum	43	50	40	50	41	40	46	52	50	52	48	42	37	53	55	42	38	38	46	44	45	58	60	58	51	60	51	43	59	57	44	48.2
Lutherville	Maximum	74	68	74	63	65	64	70	73	73	74	68	55	72	68	76	64	63	71	66	66	73	73	71	68	64	78	66	74	81	79	65	69.6
	Minimum	44	47	41	50	39	37	42	48	49	50	45	35	34	50	53	43	32	36	43	36	42	42	55	56	41	54	43	39	55	57	37	44.5
Magnolia	Maximum	80	67	76	75	66	71	74	76	79	81	81	62	70	82	88	80	63	73	73	70	83	80	86	76	82	88	80	74	81	87	77	76.8
	Minimum	44	52	39	55	50	38	42	49	45	49	50	38	42	51	62	46	35	38	50	40	41	55	54	56	50	62	53	45	52	60	52	48.2
Mammoth Spring	Maximum	73	74	74	71	68	64	75	72	69	75	75	66	70	72	70	62	57	69	70	64	71	73	71	68	69	79	73	76	79	81	64	70.8
	Minimum	34	31	32	38	28	33	35	38	47	40	43	36	27	34	47	48	34	29	45	38	35	47	52	50	51	38	32	39	53	56	34	39.5
Marianna	Maximum	73	73	74	65	60	62	71	75	73	80	68	57	70	73	79	79	57	67	74	63	71	74	74	76	70	80	69	70	77	77	72	71.1
	Minimum	40	40	39	50	40	36	37	44	45	45	54	39	37	53	42	42	37	33	45	41	40	55	55	56	51	61	52	43	53	53	44	45.2
Marked Tree§§	Maximum	73	77	72	69	57	62	71	76	72	78	62	56	71	73	63	49	55	67	73	61	70	72	75	77	69	83	58	71	78	77	53	68.4
	Minimum	34	35	36	44	35	34	35	40	41	42	51	39	35	47	56	43	34	31	41	40	40	49	51	57	48	52	48	37	51	59	39	42.7
Mena	Maximum	73	65	73	59	58	68	73	71	75	76	66	57	71	72	73	59	62	72	65	68	80	68	73	70	69	78	67	75	81	78	63	69.6
	Minimum	46	49	38	50	45	36	40	48	46	48	47	37	43	50	48	45	37	36	51	42	40	56	59	54	45	58	46	39	54	57	43	46.2
Morrilton	Maximum	75	71	74	68	69	70	72	71	72	77	72	56	71	71	72	65	62	65	72	66	74	74	69	70	70	79	71	74	79	80	67	70.9
	Minimum	38	50	38	46	42	38	40	46	46	46	51	46	36	46	47	46	34	38	34	42	41	55	60	59	47	55	47	39	54	60	41	45.4
Mountain Home	Maximum	70	64	75	60	60	64	75	68	67	76	64	53	73	72	65	60	60	71	65	63	70	66	71	66	68	80	66	77	82	80	57	68.0
	Minimum	35	43	34	41	32	30	37	42	46	42	42	34	30	37	42	39	30	30	40	36	39	52	54	51	36	49	37	35	56	55	31	39.9
Mt. Ida	Maximum	75	69	74	64	62	67	73	73	77	78	67	60	72	74	73	68	64	72	64	75	82	71	71	71	71	80	69	77	81	80	67	71.6
	Minimum	27	41	26	39	39	38	31	38	57	36	48	37	26	51	50	42	29	26	40	29	33	58	63	51	39	55	47	29	58	62	43	41.5
Newport	Maximum	72	69	74	70	55	59	71	74	70	78	68	55	71	72	68	60	57	67	69	63	71	73	71	75	68	82	72	73	83	76	72	69.6
	Minimum	37	50	35	44	36	33	36	40	49	40	51	39	33	53	57	42	35	32	47	42	39	52	62	58	44	56	45	37	56	60	39	44.5
Okay	Maximum	75	73	75	74	65	69	74	77	80	80	74	73	72	81	85	80	67	67	64	74	80	83	85	83	79	78	72	82	84	85	84	76.6
	Minimum	32	47	30	50	41	35	34	44	41	43	36	33	31	48	60	51	30	30	41	36	33	54	63	54	42	57	51	37	49	50	48	42.9
Pine Bluff	Maximum	75	70	77	60	60	61	78	77	75	81	66	61	70	76	81	66	60	73	72	67	77	76	75	79	74	78	68	76	87	74	70	72.3
	Minimum	44	51	38	52	43	36	40	44	46	45	53	40	37	53	62	44	37	35	47	39	44	57	64	56	49	60	52	44	52	62	47	47.5
Pocahontas	Maximum	73	65	73	68	60	53	70	72	69	77	74	54	69	71	68	61	58	65	70	63	71	72	71	73	68	82	74	72	79	76	69	69.0
	Minimum	34	45	33	40	32	40	33	38	47	42	46	36	27	45	52	39	33	35	46	38	37	45	55	55	45	52	43	30	52	55	35	41.5
Portland	Maximum	76	67	62	62	60	64	73	76	76	81	71	61	71	77	85	77	57	71	75	66	80	77	75	82	77	83	67	75	81	81	74	72.9
	Minimum	36	48	38	51	48	38	38	43	44	45	50	40	35	50	61	46	38	32	45	41	38	50	64	68	53	64	54	40	49	55	49	46.8
Prescott	Maximum	75	72	75	73	64	69	75	77	78	81	78	63	72	79	84	80	65	74	72	72	83	79	75	76	76	78	75	76	81	77	73	75.1
	Minimum	40	50	35	54	48	36	39	41	39	46	53	39	38	51	53	49	37	36	49	40	41	54	64	55	49	57	52	41	52	60	49	46.7
Searcy	Maximum	76	70	74	61	59	65	75	72	73	81	67	59	72	72	69	63	62	72	71	67	75	73	72	75	68	83	69	74	81	76	72	70.9
	Minimum	34	49	34	42	38	32	36	39	49	43	51	36	32	50	55	43	35	32	45	40	35	52	63	56	48	56	48	36	53	57	41	43.9
Stuttgart	Maximum	75	69	74	67	60	65	72	78	75	80	70	57	72	74	80	67	59	72	69	65	76	75	74	75	76	80	69	73	80	76	70	71.7
	Minimum	43	49	35	47	40	34	38	43	46	45	51	40	35	52	58	42	33	31	46	40	39	52	61	54	48	52	49	40	49	54	43	44.8
Subiaco	Maximum	75	72	76	72	63	65	74	75	75	77	71	55	75	69	69	64	63	74	69	68	78	69	76	71	67	80	66	77	84	79	64	71.4
	Minimum	40	48	38	46	40	38	40	47	47	49	46	37	34	46	53	45	36	35	46	39	43	58	55	56	45	51	44	36	52	58	40	44.8
Texarkana	Maximum	76	71	76	72	68	71	76	78	81	80	75	65	72	81	85	70	66	74	68	73	77	81	82	79	76	78	76	76	80	79	71	75.3
	Minimum	41	51	35	52	46	36	39	49	43	50	50	34	38	47	55	49	32	37	49	38	41	52	53	53	45	58	48	43	51	58	48	45.8
Thornburg	Maximum	74	65	74	65	60	67	72	74	73	76	64	56	71	73	71	62	62	72	65	67	76	68	67	70	69	81	65	75	79	78	69	69.7
	Minimum	28	47	27	41	34	25	30	38	35	42	42	30	24	43	42	39	27	25	43	37	29	59	59	54	36	56	45	31	57	57	39	39.6
Wilson	Maximum	70	70	71	71	59	58	71	70	70	77	76	59	70	69	71	61	49	64	72	58	66	72	74	75	72	80	87	70	73	73	72	69.4
	Minimum	33	35	37	47	35	31	38	45	46	39	53	36	34	52	55	42	33	32	42	39	38	52	52	57	47	54	46	39	54	53	38	43.0

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day.

Weather Bureau Office, Little Rock, Ark. 4-29-36-1200

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

VOL. XLI LITTLE ROCK, ARK., APRIL, 1936 No. 4

PRICE: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

This was the coolest and driest April since 1931 and the ifth consecutive month with precipitation below normal. Cold weather overspread the State on the 2d and 3d with freezing emperatures and killing frosts extending to the southern bor-ler. Temperatures were again considerably below normal from he 6th to the 10th and from the 21st to the 23d, some stations n the Ouachita Mountains reporting killing frost on the 23d.

The average temperature for the State, based on the reports f 60 stations, was 59.7° which is 1.8° below the mean for the ast 46 years, only three stations in the southern portion hav-ng positive departures. The highest temperature reported was 6° at Okay on the 13th and at Magnolia on the 14th; the owest, 17° at Gravette and Sunset on the 3d, which is one legree lower than the previous low temperature for April.

The average precipitation for the 93 stations reporting was .64 inches which is 2.20 inches below the mean for the past 6 years. Only two of the stations with records of 10 years or nore had positive departures. Monthly totals ranged from .60 inch at Magnolia to 6.17 inches at Mountain Home. The reatest amount measured in any 24-hour period was 2.66 nches at Mountain Home on the 5th. Snowflurries were re-orted in the northern portion of the State on the 2d but Ben-onville was the only station reporting a measurable amount.

Potatoes, truck, fruit, and strawberries were seriously dam-ged by the freezing temperatures of the 2d and 3d, peaches eing killed in large areas. Cotton and corn, where up, were lso damaged but only a small amount of cotton had been lanted. The weather was favorable for preparation of land or planting but in some sections of the western portion of the tate the soil was too dry for germination and good growth art of the month.

T.A.M.

Tornadoes, etc:

Beginning near Melbourne and ending near LaCrosse, 5th, 2 p.m., from sw, path -4 mile wide, one person killed, four injured. property damage $40,000. Heavy Hail, alico Rock, 5th, no report on damage. Moderate Hail, Booneville, Dutton and Rogers, th, no report of any damage. Little Rock and vicinity, 5th, slight damage. Hot prings, 6th, no report of damage.

Correction, page 14. Mean temperature at Hope should be 63.0°; departure −1.0°.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.
Light Hail	5	.	.	.	13	4	.	.	2	1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	1	.	.	.	.	.
Sleet	.	.	.	.	.	.	.	5	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	5	.	.	3	17	1	1	1	3	1	.	.	.	.	4	6	.	.	.	1	3	.	.	.	.	.	3	15	.	8	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 04	30.43	3	29.46	5	8.0	22	sw	4	..	..	..	71
Fort Smith	30.02	30.49	3	29.24	5	9.2	28	sw	20	64	56	38	72
Little Rock	30.05	30.43	8	29.41	5	9.1	30	nw	1	66	43	44	69
Memphis	30.06	30.44	8	29.42	5	9.3	24	sw	5	70	52	52	68

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	62.8	93	22	2.75	....	8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	1	10
1913	61.2	94	27	4.91	0.0	6	17	16	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	8.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.63	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5 54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	2.93	0.0	12	12	7	11
1928	57.3	87	22	18.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	96	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	98	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0 0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
Period	61.5	99	17	4.84	T.	8	13	8	9

Daily River Stages for April, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith or an Buren	Arkansas	22	5.2	5.0	5.0	4.8	4.8	4.8	5.3	5.0	5.0	4.9	4.8	4.8	4.6	4.6	4.6	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	
zark	do	22	1.0	1.0	1.0	1.0	0.9	1.0	1.2	1.2	1.2	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	
ardanelle	do	22	4.4	4.2	4.1	4.0	4.2	4.2	4.9	6.0	4.8	4.7	4.6	4.3	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	
orrilton	do	20	-1.0	-1.2	-1.1	-1.1	-1.2	-1.2	-1.0	-0.3	-0.3	-0.4	-0.6	-0.8	-0.9	-1.1	-1.2	-1.3	-1.4	-1.5	-1.6	-1.7	-1.8	-1.7	-1.8	-1.8	-1.8	-1.9	-1.9	-2.0	-1.8	-1.9	
Little Rock	do	23	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.8	1.4	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0 7	
ine Bluff	do	25	3 9	3 8	3.6	3.5	3.5	3.5	3.4	3.4	3.4	4.0	4 7	4.2	4.0	3.8	3.6	3.5	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.8	
anville	Petit Jean	20	3.4	3.4	3.3	3.2	3.1	3.1	3.1	3.0	3.2	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	3.2	3.6	3.6	3.3	3 3	3.2	3.2	3.3	3.2	
OzarkBeachMo	White	30	-0.8	-0.8	-0.8	-0.8	-0.8	-0.4	-0 8	0.8	1.9	-0.8	-0.8	-0.8	1.1	-0.7	-0.8	-0.8	-0 8	-0.8	-0.8	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	
otter	do	21	4.0	3 6	3.6	3.6	4.0	4.7	3.9	3.7	3.5	3.9	3.9	3.9	3.9	3.9	3.5	3.4	3.9	3.8	3.8	3.8	3.5	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	
alico Rock	do	18	1.7	1.6	1.4	1.4	1.8	8.8	5.9	3.9	3.3	3.3	3.6	3.3	3.2	2.9	2.4	2.5	2.3	2.2	2.0	2.0	1.8	1.4	1.9	1.8	1.9	1.8	1.6	1.4	1.2	1.5	
atesville	do	23	6.5	6.5	6.3	6.1	6.1	13.2	13.6	10.8	9.0	8.6	8.6	9.0	8.7	8.3	7.8	7.8	7.5	7.2	6.9	6.7	6.7	6.7	6.3	6.7	6.7	6.7	6.6	6.4	6.4	6.1	
ewport	do	26	2.9	2.9	3.1	2.9	2.6	2.7	11.3	12.9	12.2	11.2	10.5	10 0	9.8	9.1	8.6	7.9	7.5	7.1	6.7	6.1	5.8	5.4	5.1	4.7	4.6	4.3	4.0	3 6	3.5	3.8	
eorgetown	do	21	5.3	5.1	4.9	4.7	4.7	4.7	5.0	10.0	13.0	13.7	13.6	13 3	13.0	12.7	12.3	11.6	11.0	10.5	10.0	9.5	8.9	8.5	8.0	7.6	7 4	7.2	7.0	6.6	6.1	6.6	
larendon	do	26	14.1	14.0	14.0	14.0	14.0	14.2	14.3	14.5	16.3	18.3	19.4	20.0	20.4	20.7	20.8	20.8	20.8	20.7	20.6	20.4	20.3	20.2	20.1	20.0	20.0	20.0	20.0	19.9	19.9	19.8	
ilbert	Buffalo	30	3.6	3.6	3.6	3.6	3 6	8.5	6.9	5.7	5.3	5.3	5.1	5.0	4.8	5.0	4.6	4.6	4.6	4.2	4.2	4.0	4.0	4.1	4.1	3.9	3.9	3.8	3.8	3.8	3.9	3.8	
lack Rock	Black	14	2.8	3.2	3.0	3.0	3.1	10.7	15.6	13.4	12.0	11 2	10.5	10.0	9.5	9 3	9.2	8.8	8.6	8.0	7.4	6.8	6.4	6.0	5.5	5.0	4.5	4.0	3.8	3.7	3.5	3.9	
rkadelphia	Ouachita	17	7.1	7.1	7.0	6.6	6 6	5.0	7.0	7.1	7.0	6.6	6.5	7 0	4.7	6.7	5.6	5.6	5.2	5.8	4.4	4.9	3.9	5.6	6.8	6.1	6.0	5.1	4.4	5.3	8.6	7.7	
amden	Ouachita	26	6.4	7.1	7.5	7.0	6.7	6.5	6.4	5.8	6 8	6.6	7.0	6.8	6.5	6.0	5.2	5 7	5.5	5 3	5.0	4.9	4.6	4.4	4.4	5.3	6.1	5.8	5 4	5.2	4.8	6.0	
ulton	Red	25	6.1	5.8	5.6	5.4	5.2	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4 6	4.6	4.5	4.5	4.5	4.4	4.4	4 4	4.4	4.3	4.2	4.3	4.4	4.4	4.4	4.5	
elena	Mississippi	41	39.2	39.9	40.5	41.2	41.9	42.7	43.6	44.4	45.3	46.2	47.0	47.7	48.2	48.7	49.1	49.4	49.7	49.9	50.1	50.3	50.5	50.6	50.6	50.6	50.5	50.3	49.9	49.3	48.1	46.3	
rkansas City	do	48	29.8	30.3	30.7	31 8	32.0	32.4	32.8	33.4	34.1	34.7	35.4	36.1	36.8	37 3	37.9	38.8	38.8	39.2	39.6	39.9	40.3	40.6	40.9	41.1	41.2	41.3	41.4	41.4	41 3	41.0	

Climatological Data for April, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	59.2[a]	−2.1	91[a]	13	29	3	45[a]	3.13	−1.97	2.13	0.0	4	10	13	7	s.	J. W. Campbell
Arkadelphia	Clark	200	41	......	......	......	......	......	......	......	2.09	−2.78	0.80	0.0	5	19	4	7	sw.	W. K. Bown
Arkansas City	Desha	145	52	......	......	......	......	......	......	......	4.24	−0.96	2.25	0.0	7	18	2	10	......	Herbert Neff
Batesville	Independence	277	37	57.0	−1.8	88	15	25	7	45	2.71	−2.04	1.00	0.0	7	21	5	4	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	59.4	−1.6	90	15†	23	3	41	2.45	−2.40	0.90	0.0	5	16	6	8	s.	J. E. Scanlan
Benton	Saline	1285	1	......	......	......	......	......	......	......	2.41	......	0.94	0.0	5	19	3	8	......	S. A. Burks
Bentonville	Benton	295	31	56.6	−1.0	88	14	20	3	40	1.45	−3.41	0.69	0.3	8	11	9	10	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	6	......	......	......	......	......	......	......	2.98	......	0.86	0.0	8	19	1	10	......	C. J. Brooks
Black Rock	Lawrence	259	35	......	......	......	......	......	......	......	2.92	−2.10	0.97	0.0	9	17	2	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	11	56.0	−5.6	88	14	25	3	36	2.84	−1.72	1.10	0.0	6	19	5	6	sw.	Samuel Norris
Booneville	Logan	465	22	61.1	−1.1	92	15	26	3	48	1.58	−2.72	0.49	0.0	6	14	9	7	e.	F. H. Randolph
Boughton ‡‡	Nevada	200	1	......	......	......	......	......	......	......	2.45	......	1.12	0.0	4	16	3	11	......	Harry Buie
Brinkley	Monroe	205	49	60.2	−1.8	90	14	28	3	44	2.02	−3.44	0.63	0.0	5	18	4	8	se.	R. J. Torry
Calico Rock	Izard	361	32	58.5	−0.4	93	15	26	3†	47	4.23	−0.13	2.24	T.	7	14	7	9	n.	W. M. Jones
Camden	Ouachita	116	51	62.8	−0.6	92	13	30	3	48	1.82	−2.96	0.72	0.0	4	14	3	13	se.	J. M. Knight
Carthage	Dallas	297	31	61.4	−0.6	91	13	28	3	44	1.95	−3.19	0.68	0.0	5	12	14	4	s.	P. K. Wylie
Center Point	Howard	591	37	60.5	−2.7	88	13	26	3	44	2.03	−3.10	1.20	0.0	6	16	9	5	s.	John C. Floyd
Clarendon	Monroe	172	52	......	......	......	......	......	......	......	2.26	−3.05	0.67	0.0	5	10	8	12	n.	R. M. Wheatley
Clinton	Van Buren	516	15	......	......	......	......	......	......	......	2.78	−1.68	1.38	0.0	6	12	15	3	sw.	A. L. Stephens
Conway	Faulkner	309	53	61.3	−0.8	92	14	27	3	45	3.50	−1.55	1.39	0.0	7	18	9	3	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	58.7	......	85	14†	27	3	40	2.15	−2.36	0.68	0.0	8	19	8	3	s.	P. B. Hutchens
Corning	Clay	293	43	56.6	−3.4	89	15	25	3	41	4.59	−0.51	1.10	0.0	11	19	1	10	s.	Winfred D. Polk
Cotter	Baxter	440	9	......	......	......	......	......	......	......	4.58	......	1.53	0.0	7	18	1	11	......	O. B. McSpadden
Crosset (near)	Ashley	175	24	62.2	−2.6	93	13	25	3	46	2.14	−3.55	0.62	0.0	6	12	10	8	sw.	U. S. Forest Service
Danville	Yell	327	20	......	......	......	......	......	......	......	3.18	−1.19	1.80	0.0	4	14	12	4	......	J. M. Patterson
Dardanelle	Yell	330	50	61.6	−0.7	92	14†	26	3	45	2.20	−1.95	1.25	0.0	4	7	16	7	nw.	Geo. N. Goodier
De Queen	Sevier	426	1	62.0	......	92	13	25	3	48	2.03	......	0.62	0.0	6	12	14	4	nw.	E. B. Smith
Dumas	Desha	162	31	63.0	−0.6	93	13	27	3	42	1.58	−3.22	0.40	0.0	7	12	11	7	s.	Ben Johnson
Dutton	Madison	1590	34	53.8[a]	−2.4	86[a]	13	20[a]	3	47[a]	2.81	−2.89	1.33	T.	7	12[a]	12[a]	5[a]	s.	J. M. Ricketts
El Dorado	Union	270	36	64.8	0.0	92	13†	29	3	45	1.39	−3.84	0.46	0.0	4	16	4	10	n.	E. W. Gaston
England	Lonoke	229	30	59.4[a]	−3.4	83[a]	14†	28[a]	3	38[a]	2.90	−2.67	0.63	0.0	8	15[a]	9[a]	5[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	57.6	−1.4	88	13†	18	3	38	2.49	−2.43	1.22	T.	7	17	7	6	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	57.2	−1.2	89	13	19	3	42	1.86	−2.74	0.52	T.	8	11	15	4	sw.	University of Arkansa
Fort Smith	Sebastian	448	55	60.8	−1.0	90	13	26	2	42	0.73	−3.21	0.40	0.0	6	15	9	6	e.	U. S. Weather Burea
Freeman Springs ‡‡	Pope	2240	12	......	......	......	......	......	......	......	1.74	−3.52	0.70	0.0	4	19	4	7	sw.	R. J. McCuiston
Fulton	Hempstead	260	51	......	......	......	......	......	......	......	1.65	−3.02	0.72	0.0	3	13	6	11	......	T. J. Logan
Georgetown	White	200	24	......	......	......	......	......	......	......	2.30	−2.91	0.71	0.0	5	18	3	9	......	Mrs. W. R. Owens
Gilbert	Searcy	600	10	......	......	......	......	......	......	......	3.40	......	1.75	0.0	7	20	3	7	......	F. J. King
Glenwood	Pike	547	1	......	......	......	......	......	......	......	2.92	......	1.80	0.0	5	17	11	2	......	C. A. Price
Grannis	Polk	900	17	59.4	−1.0	90	13	22	3	48	2.53	−3.77	0.83	0.0	7	13	11	6	se.	W. E. McVay
Gravette	Benton	1250	39	55.8	−1.4	92	14	17	3	49	1.42	−3.14	0.54	0.0	6	16	6	8	s.	Max W. Schmidt
Harrison	Boone	1052	36	55.8	−1.7	90	15	21	3	45	3.08	−1.86	1.02	0.0	6	24	2	4	sw.	Louis R. Keck
Heber Springs	Cleburne	......	1	......	......	......	......	......	......	......	3.97	......	2.00	0.0	6	12	6	12	......	R. L. Black
Helena	Phillips	300	64	60.6	−2.1	87	14	28	3	39	2.27	−2.83	0.58	0.0	7	16	3	11	s.	James A. Burnett
Higden	Cleburne	446	17	......	......	......	......	......	......	......	3.00	−1.90	1.83	0.0	5	19	4	7	n.	Trumon Brown
Highland	Pike	491	17	59.4	......	92	13	28	3	49	3.03	......	2.10	0.0	4	3	25	2	s.	J. O. Cooley
Hope	Hempstead	354	66	62.8	−1.2	93	13	28	3	48	2.55	−2.44	1.33	0.0	6	19	5	6	s.	N. P. O'Neal
Hot Springs	Garland	600	45	62.4	−0.4	94	13	29	3	46	5.91	−0.08	2.46	0.0	6	2	24	4	n.	National Park Servi
Index ‡‡	Little River	275	19	......	......	......	......	......	......	......	1.13	−3.05	0.95	0.0	3	18	2	10	......	W. E. McDowell
Jessieville	Garland	750	10	......	......	......	......	......	......	......	3.09	......	1.44	0.0	4	8	16	6	sw.	U. S. Forest Service
Jonesboro	Craighead	345	41	58.6	−2.8	88	15	26	3	37	2.02	−2.77	0.60	0.0	5	14	9	7	sw	Benedictine Sisters
Lead Hill	Boone	650	30	56.3	−3.1	93	14	21	3	49	2.36	−1.58	0.76	T.	6	18	6	6	se.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	57	59.8	−2.3	87	14	30	3	40	3.10	−2.09	1.58	0.0	7	11	8	11	s.	U. S. Weather Bure
Lutherville ‡‡	Johnson	775	37	59.7	−0.6	89	13	23	3	58	1.98	−2.85	0.62	0.0	7	14	7	9	se.	H. G. Lenhardt
Madison	St. Francis	209	6	......	......	......	......	......	......	......	2.04	......	0.90	0.0	4	11	3	16	......	J. W. Eppes
Magnolia	Columbia	815	20	64.8[a]	+0.2	96	14	27[a]	3	48[a]	0.60	−4.24	0.40	0.0	2	8[a]	16[a]	5[a]	......	State Agri. School
Malvern		......	..	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	
Mammoth Spring	Fulton	600	32	57.2	−2.0	94	15	23	3	42	6.17	+1.31	2.00	T.	8	12	10	8	nw.	S. F. Whittaker
Marianna	Lee	235	25	60.7	−1.6	87	14	29	3	37	1.43	−3.12	0.55	0.0	6	16	5	9	s.	C. N. Houck
Marked Tree	Poinsett	229	32	56.5	−4.7	87	14†	27	3†	51	2.94	−2.04	0.87	0.0	7	10	12	8	n.	Charles Walton
Mena	Polk	1207	48	60.6	−0.9	91	13	26	2	41	2.27	−3.44	1.00	0.0	4	15	7	8	sw.	E. W. St. John
Morrilton	Conway	347	17	61.0	−1.2	90	14	29	3	45	4.00	−0.22	2.00	0.0	4	14	7	9	sw.	Hugh B. Wear
Mountain Home	Baxter	800	24	56.2	−2.7	90	13†	22	3	42	4.87	+0.18	2.66	T.	8	17	2	11	nw.	B. S. Halbert
Mount Ida	Montgomery	650	37	58.8	−2.4	91	13	23	7	54	2.62	−3.37	1.38	0.0	3	15	7	8	w.	G. A. Whittington
Nail	Newton	2233	28	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	Charles Paxton
Newport	Jackson	231	53	59.4	−2.6	89	14†	27	3	42	1.92	−3.06	0.54	0.0	7	13	9	8	n.	J. D. Henderson
Norman	Montgomery	750	8	......	......	......	......	......	......	......	2.82	......	1.21	0.0	4	15	4	11	s.	U. S. Forest Service
Oden	Montgomery	800	10	......	......	......	......	......	......	......	2.77	......	1.43	0.0	4	13	10	7	sw.	U. S. Forest Service
Okay	Howard	288	8	62.4	......	96	13	22	3	51	1.87	......	0.81	0.0	7	9	16	5	s.	Charles R. Jackson
Ozark	Franklin	396	41	60.5	−1.5	91	13	26	3	46	1.80	−2.28	0.76	0.0	4	19	2	9	w.	Orkney O. Milton
Paragould	Greene	275	13	......	......	......	......	......	......	......	3.65	−1.07	1.68	T.	5	19	7	4	sw.	W. R. Heagler
Parkin	Cross	222	6	......	......	......	......	......	......	......	2.01	......	0.82	0.0	4	11	5	14	......	Carroll King
Patterson	Woodruff	204	20	......	......	......	......	......	......	......	2.77	−2.45	0.81	0.0	5	20	4	6	sw.	W. E. Baker
Pine Bluff	Jefferson	215	49	62.9	−0.7	90	14	31	3	47	2.52	−2.99	0.83	0.0	5	8	16	6	sw.	Miss Theresa Schen
Pocahontas	Randolph	300	43	56.9	−3.3	90	15	24	3	46	3.28	−1.57	0.76	0.0	7	11	6	13	ne.	Benedictine Sisters
Portland	Ashley	122	30	62.5	−2.1	90	14	30	3	42	1.65	−3.08	0.58	0.0	6	13	7	10	sw	W. E. Edmiston
Prescott	Nevada	318	48	64.0	+0.5	91	13	29	3	46	2.26	−2.66	0.48	0.0	5	14	8	8	s.	Craig Williams
Rogers (near)	Benton	1300	46	58.0	−0.5	91	13†	20	3	48	3.54	−0.90	1.23	T.	5	16	7	7	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	......	......	......	......	......	......	......	3.26	......	1.75	0.0	6	15	9	6	nw.	Miss Clarice Madd
St. Francis	Clay	290	9	......	......	......	......	......	......	......	4.16	......	1.12	0.0	9	18	1	11	......	S. T. Rooney
Searcy	White	245	26	59.8	−1.9	89	15	27	3	44	3.26	−1.07	0.83	0.0	7	22	0	8	sw.	Arthur D. Smith
Springbank	Miller	240	27	......	......	......	......	......	......	......	2.47	−2.78	1.66	0.0	6	16	4	10	......	Henry Field
Story	Montgomery	650	12	......	......	......	......	......	......	......	3.66	−2.50	2.19	0.0	5	21	4	5	sw.	S. C. Story
Stuttgart	Arkansas	209	49	60.7	−1.7	89	14	26	3	40	2.31	−2.76	0.79	0.0	6	19	8	3	n.	Mrs. B. E. Swim
Subiaco	Logan	750	39	60.7	−1.1	93	13	26	3	42	1.97	−2.61	0.65	0.0	5	16	9	5	nw.	New Subiaco Abbey
Sunset	Washington	2250	5	56.5[b]	......	85[d]	13	17	3	36[d]	1.85	......	0.47	T.	9	19	8	3	sw.	Walter James
Texarkana	Miller	332	51	62.4	−1.8	93	13	24	3	46	1.59	−3.37	0.82	0.0	3	19	3	8	s.	H. S. Brashear
Thornburg	Perry	650	16	56.6[b]	−3.6	91[a]	13	25[b]	3†	52[c]	3.56	−1.70	1.82	0.0	6	13[a]	11[a]	5[a]	s.	Edward E. Holmes
Waldron	Scott	675	17	......	......	......	......	......	......	......	2.40	−3.86	0.86	0.0	4	10	5	15	se.	Dr. Cheves Bevill
Warren	Bradley	206	42	64.4[c]	+0.8	92[c]	14†	30[c]	3	43[c]	2.55	−2.62	0.75	0.0	6	16[b]	8[b]	4[b]	sw.	Miss Sue Hoyle
Waters	Montgomery	840	12	......	......	......	......	......	......	......	2.76	−2.70	1.44	......	4	19	4	7	w.	J. R. Huddleston
Whitecliffs	Little River	290	30	......	......	......	......	......	......	......	2.05	−2.99	1.15	0.0	2	23	4	3	......	William W. Davis
Wilson	Mississippi	237	11	57.5	−3.5	87	14	23	3	41	2.23	−3.06	0.85	0.0	5	17	3	10	s.	D. O. Anderson
Wynne	Cross	250	28	59.2	−2.2	90	14	26	3	47	2.32	−2.90	0.65	0.0	7	14	6	10	s.	R. T. Cobbs
Yancopin	Desha	167	12	......	......	......	......	......	......	......	3.21	−0.54	0.79	0.0	8	12	5	13	......	W. E. Barton
State Means				59.7	−1.8	96	13†	17	3	54	2.64	−2.20	2.66	T.	6	15	7	8	s.	

Daily Precipitation for April, 1936

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity ‖	Ouachita					06				.30													.64							2.13			3.13
Arkadelphia ‖	Ouachita					.20	.30			.29													.50							.80	T.		2.09
Arkansas City ‖	Mississippi		T.			.03	.70			.40													.58	.04					.24	2.25	T.		4.24
Batesville ‖	White	T.				.02	.40			.50		.04											.70						05	1.00			2.71
Bee Branch	Arkansas									.42							T					.25	.70						.90	.18			2.45
Benton ‖	Saline					.08	.20			.40													.94							.79			2.41
Bentonville ***	Arkansas	.02	.03		.13	T.				.02	.08											.69						.13	.35				1.45
Big Lake Outlet ‖	St. Francis	T					.85			.44	T.	.11	.07									T.	.86						.21	.37	.07		2.98
Black Rock ‖	White	.14				.12	.97			.52	.04	.03					T.					.04	.80							.26			2.92
Blytheville ‖	St Francis						1.10			.39	T.	.01	T.				T.						.87							.46	.01		2.84
Booneville	Arkansas					.28				.17	.04						T.					.28	.32						.49				1.58
Boughton ‖	Ouachita						.25			.13													1.12							.95			2.45
Brinkley	White					.04	.48			.63													.42							.45			2.02
Calico Rock ‖	White	.33	T			.30	2.24			.39		.04					T.						.65							.28			4.23
Camden ‖	Ouachita						.34			.38													.38							.72			1.82
Carthage	Ouachita						.48			.09												T	.68						.62	.08			1.95
Center Point	Red								.02	.21												.23	.34						1.20	.03	T.		2.03
Clarendon ‖	White		T.			.11	.67			.65													.31							.52			2.26
Clinton	White	.01				.26				.49	.03											.61							1.38				2.78
Conway	Arkansas					.03	.51			.51												.14	.71						1.39	21			3.50
Cornerstone	Arkansas		T.			.09	.68		*	.52												*	.36						.02	.48			2.15
Corning ‖	White	.47	.10			.47	1.10			.80		.20					.20					.12	.65						.08	.40			4 59
Cotter ‖	White	80				1 25	1.53			.39		.08											.42							.11			4.58
Crossett [near]	Ouachita					T.	.25		.09	.35													.23						.62	.60			2.14
Danville ‖	Arkansas						.40			.23													1.80							.75			3.18
Dardanelle ‖	Arkansas						.09			.27													1.25							.59			2.20
De Queen	Red					.11			T.	.08												.60	.52						.62	.10	T.		2.03
Dumas	Mississippi					.05	.40		.15	.30												T.	.33						.25	.10			1.58
Dutton	White	.38	T			1.33	T.			.22	.28						.09					.38	.13										2.81
El Dorado ‖	Ouachita					T.	.46			.40													.09	T.						.44			1.39
England	Arkansas					.12	57		04	.44												.22	.27						.63	.61			2.90
Eureka Springs	White	.16	T.			.56				.13	.12											1.23	.02						.27				2.49
Fayetteville	White	.13	T.			.47				.03	47						.02					.52	.03						.19				1.86
Fort Smith ***	Arkansas	.02			T.	.40			.01		.12					.13	T					.05							T				0.73
Freeman Sprgs ‖	Arkansas					.51				.32													.70							.21			1.74
Fulton ‖	Red					T.	T.			.22								T				T.	.72							.71			1.65
Georgetown ‖	White	T.				04	.61			.33												T.	.71	T.						.61			2.30
Gilbert ‖	White	.15				.17	1.75			.46	.02						T.						.68							.17			3.40
Glenwood ‖	Ouachita					.07				.20													.75						1.80	.10			2.92
Grannis	Red	T.			T.	17			T.	.07	T.											.77	.59						83	.07	.03		2.53
Gravette ‖	Arkansas	.05				.06																.23	.41						.54	.13			1.42
Harrison	White	1.02				.62				.48	.16											.30	.50										3.08
Heber Springs ‖	White					.03	.64			.35	.05												.90							2.00			3.97
Helena ‖	Mississippi					.11	.38			.28													.28	.08					.56	.58			2.27
Higden	White					T.				.40	.15											.19	.43						1.83				3 00
Highland	Ouachita									.13												.65	.15						2.10				3.03
Hope	Red								.15	.17							T.					.75	.10						1.33		.05		2.55
Hot Springs	Ouachita						.75			.29												1.46	.78						2.46	.17			5.91
Index ‖	Red									.16												T.	.02							.95			1.13
Jessieville ‖	Ouachita						.25			.30													1.10	T.						1.44			3.09
Jonesboro ‖	White	T.					.55			.60	T.	.05	T.										.37							45			2.02
Lead Hill	White	.42	T.			.76	T.			.32	.25					T.						.58	.63										2.36
Little Rock ***	Arkansas	T.			T.	.87			.15	.15												.21	.14						1.56	.02	T.		3.10
Lutherville	Arkansas					.45				.30	.05						.05					.62	.18						.33				1.98
Madison ‖	St. Francis					T.	.90			.43													.42						T.	.29	T		2.04
Magnolia	Red																						.40						.20				0.60
Mammoth Spg ‖	White	.34	T.			1 20	2.00			.58	.51						.31						.51							.72			6.17
Marianna	St. Francis		.08				.55			.25													.27						.20	.08			1.43
Marked Tree ‖	St. Francis						.78			.48	.01	.04										.01	.87							.75			2.94
Mena ‖	Ouachita	T.					.16			.22													1.00						T	.89	T.		2.27
Morrilton ‖	Arkansas						.63			.32													1.05							2.00			4.00
Mountain Home	White	.95				2.66				.48	.20											.25	.15						.15	.03			4.87
Mount Ida	Ouachita					.05																	1.38						1.09				2.52
Nail	White																																....
Newport ‖	White					.02	.47			.33	.01	.02											.53							.54			1.92
Norman ‖	Ouachita						.42			.19													1.21							1.00			2.82
Oden ‖	Ouachita						.15			.19													1.00							1.43			2.77
Okay	Red						.12		.06	.15												.81	.15						.46	.12			1.87
Ozark ‖	Arkansas	T.					.76			.18	.31						T.						.55							T.			1.80
Paragould ‖	St. Francis			T			1.68				.71	.17										T.	.61							.48			3.65
Parkin ‖	St. Francis						.82			.37													.57							.25			2.01
Patterson	White						.57			.50												.49	.81						.40				2.77
Pine Bluff ‖	Arkansas	T.	T.			.11	.58			.42													.58	T					T.	.83			2.52
Pocahontas	White	.76				.76	.20			.51	.15											.60								.30			3.28
Portland ‖	Ouachita						.16			.42													.43						.03	.58	.03		1 65
Prescott ‖	Ouachita					.01	.24			.23													.98							.80			2.26
Rogers (near)	White	.52	T.			1.19					.07					T.						1.23							.53				3.54
Rosebud	Arkansas						.30			.40												*	.81						*	1.75			3.26
St. Francis ‖	St. Francis	T.	.21			.56	1.12			.55	T.	.28	T.				.24					.36	.48							.36	T.		4.16
Searcy	White					.08	.22			.46												.40	.52						.75	.83			3.26
Springbank ‖	Red					.02	.12			.22												.02	.43	T.						1 66			2.47
Story ‖	Ouachita						.06		*	.22													1.19							2.19			3.66
Stuttgart ‖	Arkansas					.16	.30			.49													.52	T.					.05	.79			2.31
Subiaco	Arkansas					.60				.22												.65	.19						.31				1.97
Sunset	Arkansas	.40	T.			.47	.02			.05	.22						.08					.45	.09						.07				1.85
Texarkana ‖	Red									.12													.82							.65			1.59
Thornburg	Arkansas					.16			T.	.11												.25	1.08						1.82	.14			3.56
Waldron	Arkansas					.34			T.	.36													.86						.84				2.40
Warren	Ouachita				T.	T.	.75		.23	.58												T	.26						.53	.20			2.55
Waters ‖	Ouachita						.15			.19													.98							1.44			2.76
Whitecliffs ‖	Red																						.90							1.15			2.05
Wilson ‖	Mississippi						.85				.33	.10											.65							.30			2.23
Wynne ‖	St. Francis					.10	65			.50	.01												.50							.36	.20		2.32
Yancopin ‖	Arkansas		.02			.05	.54			.41													.65	.03					.72	.79			3.21

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. ddresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; utherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2, Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖24hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitaon with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for he period to 1935, inclusive.

Daily temperatures for April, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity. §§	Maximum	78	48	57	66	83	49	65	53	62	63	82	85	91	88	87	73	70	78	83	84	64	62	71	76	84	84	82	66	83	..		73.0
	Minimum	47	32	29	30	47	41	24	38	38	39	37	40	53	53	58	58	47	39	40	51	60	39	38	41	43	51	55	61	59	60		45.3
Batesville	Maximum	67	61	50	60	79	58	58	54	53	58	77	81	83	87	88	83	69	70	74	85	78	60	65	74	80	85	80	76	84	84		72.0
	Minimum	43	32	26	39	55	39	35	27	28	43	32	37	45	49	68	53	40	30	30	43	43	38	31	32	38	47	53	63	61	67		41.9
Bee Branch	Maximum	67	67	54	57	77	75	57	60	59	62	78	84	85	89	90	90	70	72	76	86	83	59	65	72	82	85	85	81	83	86		74.5
	Minimum	42	29	23	39	47	37	2	32	36	42	40	43	55	55	53	50	43	38	40	49	47	38	40	40	47	51	57	59	58	69		44.4
Bentonville ***	Maximum	45	38	45	66	74	47	3	61	59	57	77	86	88	88	86	63	64	68	81	82	70	57	69	74	80	83	76	73	83	84		69.2
	Minimum	30	21	20	40	34	30	31	38	39	44	42	48	54	68	63	49	41	40	42	62	38	34	37	43	51	54	58	56	52	65		44.1
Blytheville	Maximum	61	60	41	59	76	75	54	47	47	52	68	72	74	88	87	76	61	62	65	85	70	54	61	68	80	81	81	73	79	81		67.9
	Minimum	44	36	25	36	56	39	32	32	39	40	39	44	48	53	57	50	39	33	32	50	43	38	35	40	45	51	60	65	62	63		44.2
Booneville	Maximum	70	55	52	65	82	64	64	61	64	62	84	89	91	91	92	84	71	77	86	87	80	62	68	75	85	87	85	79	83	88		76.1
	Minimum	48	28	26	45	57	38	28	39	38	47	36	42	52	56	53	58	40	37	51	55	50	41	37	38	47	51	56	62	57	70		46.1
Brinkley	Maximum	72	68	55	65	81	76	62	53	55	58	78	81	83	90	89	82	69	72	79	86	78	59	67	71	85	87	85	78	85	86		74.5
	Minimum	49	36	28	40	59	41	34	34	38	41	39	42	45	53	61	56	43	34	37	50	48	38	38	41	41	57	61	62	63	67		45.9
Calico Rock	Maximum	60	51	51	64	65	61	57	58	55	60	79	87	87	92	93	84	67	70	81	90	78	62	68	76	85	89	87	78	87	90		73.7
	Minimum	41	30	26	41	51	33	26	33	36	42	36	40	47	57	59	52	40	35	35	48	42	39	33	37	42	50	60	58	63	67		43.3
Camden	Maximum	87	86	58	71	84	81	66	67	61	67	64	87	92	89	90	74	70	77	84	84	76	65	69	77	85	87	86	78	87	85		77.8
	Minimum	52	37	30	42	61	44	38	37	39	49	40	39	52	49	66	54	44	36	42	54	62	40	35	46	49	53	56	58	62	66		47.7
Carthage	Maximum	82	73	57	64	80	77	68	54	60	76	80	87	91	90	88	73	69	75	83	85	77	67	68	76	86	86	84	79	86	85		76.9
	Minimum	50	37	28	41	59	42	34	38	39	41	37	43	52	52	56	51	41	35	41	52	56	40	35	42	46	53	54	59	61	65		46.0
Conway	Maximum	74	66	55	64	83	78	64	56	60	62	82	88	88	92	91	84	72	75	80	86	79	61	66	76	85	86	85	79	84	88		76.3
	Minimum	48	34	27	40	59	41	30	34	38	45	38	43	52	56	61	58	44	37	43	48	50	39	37	42	47	52	58	61	60	66		46.3
Cornerstone	Maximum	80	66	48	63	76	76	56	52	53	53	73	82	82	85	85	78	67	68	75	83	72	54	63	67	77	82	75	73	76	76		70.5
	Minimum	50	38	27	42	60	42	37	37	38	43	38	42	54	56	58	56	40	34	41	51	53	40	36	43	47	54	59	63	63	66		46.9
Corning	Maximum	55	52	48	59	60	58	55	55	49	55	75	79	84	82	89	82	65	64	74	87	78	57	66	74	81	85	85	79	85	86		70.1
	Minimum	39	33	25	36	53	39	30	31	38	38	40	40	45	52	61	50	39	33	33	50	39	35	35	37	41	53	58	60	62	65		43.0
Crossett	Maximum	89	87	57	65	81	76	64	60	60	71	80	87	93	90	88	85	80	76	84	85	82	77	67	76	82	83	85	83	86	85		78.8
	Minimum	51	42	25	39	61	45	37	35	38	40	34	41	52	48	46	40	40	34	41	48	55	43	44	46	51	52	51	62	62	61		45.5
Dardanelle	Maximum	71	62	53	64	84	62	66	61	61	65	83	89	91	92	92	83	72	76	81	88	79	65	68	76	84	87	85	79	83	89		76.4
	Minimum	48	31	26	42	58	40	29	37	38	47	38	45	55	57	61	58	45	39	47	49	47	41	38	39	50	52	59	61	58	66		46.7
De Queen	Maximum	84	72	57	71	85	63	68	63	63	68	85	90	92	90	88	82	74	80	86	85	79	67	72	76	84	85	84	77	86	84		78 0
	Minimum	50	32	25	45	63	41	29	37	40	49	37	43	50	48	50	54	45	38	46	48	55	41	39	40	47	53	57	60	57	65		46.1
Dumas	Maximum	88	70	57	67	81	75	62	54	60	64	80	88	93	91	91	83	70	74	85	88	83	68	68	77	88	89	88	76	86	88		77.7
	Minimum	52	39	27	40	61	43	39	38	38	42	38	55	56	57	57	52	89	36	44	53	59	41	42	46	50	55	58	60	62	68		48.2
Dutton	Maximum	60	40	48	58	70	47	54	53	56	54	75	82	86	83	83	77	65	68	75	81	73	59	68	70	81	79	72	81	84	..		68.3
	Minimum	39	22	20	38	47	30	23	29	35	44	31	35	43	56	61	49	31	30	36	47	40	35	28	31	40	53	52	48	67	..		39.3
El Dorado	Maximum	89	84	60	67	83	76	66	57	60	69	81	87	92	92	89	82	72	78	86	86	80	66	72	80	86	88	85	80	89	85		78.9
	Minimum	52	39	29	44	63	47	40	39	40	50	41	47	64	59	56	58	47	39	46	56	61	42	41	48	56	56	61	65	63	69		50.6
England	Maximum	69	68	48	63	77	76	..	45	51	57	78	73	80	83	83	77	60	66	79	79	79	57	68	67	82	76	78	78	82	79		71.0
	Minimum	49	37	28	40	57	41	..	33	38	42	40	45	58	57	57	56	43	39	42	54	51	39	37	44	59	55	58	61	62	65		47.8
Eureka Springs	Maximum	48	39	49	63	74	49	53	64	56	58	77	81	88	88	86	77	65	69	81	83	76	59	68	75	81	84	81	74	85	85		70.6
	Minimum	34	22	18	39	43	30	31	33	38	41	46	50	57	58	65	48	40	41	43	63	38	34	39	43	52	59	63	55	54	63		44.7
Fayetteville	Maximum	54	39	46	65	73	47	55	61	60	58	78	85	89	88	86	84	65	70	80	82	77	58	70	74	81	83	81	75	82	85		71.0
	Minimum	37	21	19	41	38	30	28	33	38	43	42	43	49	68	64	50	40	36	46	60	39	35	35	41	46	54	58	55	50	67		43.5
Fort Smith***	Maximum	64	44	51	70	81	52	62	57	62	62	83	89	90	89	88	70	69	74	82	84	73	66	68	75	82	85	83	73	84	88		73.3
	Minimum	35	26	28	44	39	37	33	41	41	46	42	51	61	63	64	57	48	45	52	63	42	41	43	46	53	57	62	62	56	69		48.2
Gravette. §§	Maximum	45	40	48	67	73	48	56	62	60	59	79	88	90	92	89	66	66	71	82	85	58	59	70	76	83	85	78	74	84	85		70.6
	Minimum	30	19	17	18	45	29	23	32	36	40	38	40	45	54	62	48	38	36	43	50	58	33	35	40	44	53	59	55	49	59		40.9
Harrison	Maximum	54	41	47	60	70	48	55	58	52	59	77	84	86	89	90	78	65	69	78	86	70	58	67	73	83	87	87	74	86	89		70.7
	Minimum	38	25	21	39	38	32	28	28	35	35	35	39	48	62	66	48	40	35	37	55	38	35	32	35	42	50	50	53	53	53		40.8
Helena	Maximum	75	70	49	62	77	81	60	57	52	59	74	79	82	87	85	79	64	67	74	83	78	57	64	74	81	85	82	77	75	82		72.4
	Minimum	51	37	28	40	58	42	36	38	38	41	42	45	58	62	61	55	42	39	44	55	56	40	40	49	53	59	62	62	61	66		48.7
Highland	Maximum	76	60	56	68	69	70	68	54	62	66	68	78	92	89	86	80	75	73	78	79	73	67	72	74	76	75	85	70	85	81		73.5
	Minimum	52	31	28	38	39	36	35	40	37	45	43	42	43	58	56	56	45	46	46	48	52	38	38	43	48	49	52	51	58	65		45.3
Hope	Maximum	85	68	59	71	82	78	66	55	64	68	84	87	93	89	88	80	73	79	84	85	78	61	69	80	86	87	87	76	89	89		78.0
	Minimum	51	35	28	42	56	41	33	39	38	47	37	45	45	58	62	55	46	38	48	48	60	40	39	40	66	57	58	61	62	66		48.0
Hot Springs	Maximum	84	66	59	63	85	58	64	62	64	55	85	88	94	91	91	81	70	81	87	88	76	64	72	78	88	88	84	78	86	87		77.2
	Minimum	48	32	29	43	57	41	37	44	38	37	39	46	58	56	62	58	45	41	46	61	49	39	37	42	50	54	58	60	58	65		47.7
Jonesboro	Maximum	64	59	48	59	78	67	56	51	48	52	75	80	82	87	88	82	67	66	74	85	79	56	63	74	82	84	84	78	83	83		71.1
	Minimum	44	34	26	37	57	40	32	32	38	41	43	47	51	57	64	52	44	37	37	50	42	38	39	46	48	54	60	65	62	65		46.1
Lead Hill	Maximum	50	41	50	63	72	52	55	59	54	59	76	84	88	93	91	80	65	69	80	89	77	61	66	75	85	86	85	77	90	90		72.1
	Minimum	39	25	21	40	44	33	23	26	36	39	43	56	42	60	53	50	30	31	31	45	39	33	31	34	39	47	54	52	54	64		40.5
Little Rock.* **	Maximum	73	45	52	64	80	47	60	51	56	60	81	84	85	87	86	71	66	71	77	83	70	57	64	73	81	83	82	71	83	85		70.9
	Minimum	45	35	30	43	47	40	36	38	38	44	41	48	63	64	61	55	49	45	48	57	39	39	43	48	56	58	62	63	61	69		48.8
Lutherville	Maximum	67	52	52	60	79	59	62	55	60	60	80	85	89	88	87	77	70	74	79	86	77	63	70	74	81	85	82	77	81	87		73.3
	Minimum	45	28	23	39	56	36	30	35	36	45	42	47	58	60	57	52	43	40	45	53	44	39	38	42	50	55	61	62	56	67		46.1
Magnolia	Maximum	88	85	57	69	84	78	65	63	63	67	80	88	92	96	87	85	80	78	84	89	79	55	70	87	85	95	84	83	89	87		79.7
	Minimum	52	37	27	46	61	43	40	44	39	51	40	47	61	59	54	57	51	44	46	55	..	40	39	45	55	59	61	64	62	67		49.9
Mammoth Spring	Maximum	56	53	50	58	64	53	55	52	55	58	72	80	85	91	94	89	65	68	75	87	83	62	67	74	81	85	86	87	85	86		71.9
	Minimum	39	30	23	37	50	37	27	31	38	39	36	41	47	51	53	47	42	31	33	46	48	36	37	38	46	51	56	58	61	65		42.5
Marianna	Maximum	75	68	51	62	78	78	61	56	50	58	75	82	82	87	85	83	65	68	83	83	79	56	65	75	78	83	83	81	78	81		73.0
	Minimum	52	38	29	42	42	42	39	40	40	41	43	45	45	59	60	57	47	43	46	46	50	40	45	51	53	61	61	64	63	68		48.4
Marked Tree §§	Maximum	68	43	49	62	78	46	56	51	51	49	76	80	83	87	87	67	66	67	67	86	71	58	66	75	83	86	85	75	81	86		69.5
	Minimum	40	36	27	27	41	40	32	31	35	35	40	41	47	54	60	53	44	35	35	35	41	38	38	43	47	58	60	65	62	66		43.5
Mena	Maximum	77	53	55	63	80	63	62	56	67	63	82	86	91	87	87	73	68	77	84	84	76	61	71	77	84	84	82	71	84	85		74.4
	Minimum	47	26	27	46	60	36	30	37	37	44	41	48	55	59	57	60	46	41	46	57	51	37	38	39	48	52	59	63	53	67		46.9
Mountain Home	Maximum	52	44	47	60	65	53	55	59	50	58	77	86	90	86	90	77	65	68	77	86	71	58	68	74	84	86	82	79	87	89		70.8
	Minimum	37	26	22	35	52	33	26	30	32	40	38	48	55	48	55	48	39	31	35	49	40	35	33	37	43	51	46	54	61	66		41.6
Mt. Ida	Maximum	80	59	57	65	84	61	64	54	62	65	84	88	91	89	88	79	71	78	86	85	76	61	70	74	83	84	82	75	84	86		75.5
	Minimum	47	30	27	44	60	39	23	27	36	43	30	36	47	47	63	55	35	30	37	50	48	39	28	29	41	44	51	61	53	66		42.2
Newport	Maximum	68	64	50	62	80	78	57	53	51	55	78	81	84	89	89	81	68	68	75	87	78	58	66	75	82	86	85	79	82	83		73.1
	Minimum	45	33	27	40	58	41	31	31	39	42	36	40	56	55	65	54	43	34	35	51	44	39	37	39	43	54	62	63	64	68		45.6
Okay	Maximum	85	75	58	73	89	60	77	74	63	70	85	92	96	93	86	80	75	80	86	86	84	67	69	75	84	87	87	83	86	85		79.7
	Minimum	48	33	22	42	60	41	29	36	38	48	34	41	50	52	48	54	44	34	45	51	60	39	33	39	46	50	58	60	55	62		45.1
Ozark	Maximum	70	48	52	65	69	68	61	57	61	62	84	87	91	90	90	80	74	78	78	86	77	69	71	73	78	85	84	78	82	89		74.6
	Minimum	48	28	26	31	60	38	31	40	40	48	38	45	53	58	54	57	41	38	48	50	48	42	38	53	50	52	58	61	54	65		46.4
Pine Bluff	Maximum	83	67	55	66	82	78	62	55	58	63	89	86	88	90	88	79	67	73	81	84	76	58	67	76	83	86	83	77	82	85		75.6
	Minimum	51	39	31	43	61	43	38	41	39	43	42	47	60	61	60	60	48	40	48	56	53	42	41	49	52	58	67	63	62	68		50.2
Pocahontas	Maximum	60	58	49	58	66	60	56	54	51	55	78	79	81	88	90	87	66	66	73	87	83	60	67	75	82	83	83	86	83	83		71.6
	Minimum	38	30	24	35	52	37	30	32	37	38	37	40	47	55	51	49	41	35	33	44	37	35	37	41	42	50	55	60	60	63		42.2
Portland	Maximum	89	82	55	66	81	75	61	57	56	69	79	82	89	90	89	77	67	74	82	87	83	73	67	75	85	86	86	86	84	84		77.2
	Minimum	52	42	30	40	60	45	37	38	38	41	38	48	55	53	48	55	44	36	40	50	55	42	45	47	50	54	59	65	60	67		47.8
Prescott	Maximum	86	81	57	71	84	79	67	62	63	67	84	88	91	90	89	87	73	78	86	86	84	64	70	76	84	87	85	83	88	88		79.3
	Minimum	50	35	29	43	61	42	35	40	39	47	39	47	54	54	55	59	49	40	46	56	63	40	40	45	51	56	59	61	60	66		48.7
Searcy	Maximum	72	65	55	63	81	71	61	56	59	59	80	84	87	88	89	79	70	72	78	87	75	59	67	77	84	88	85	76	85	87		74.6
	Minimum	46	34	27	40	58	41	29	34	38	42	36	43	52	52	60	56	43	36	38	46	44	39	40	39	46	51	55	61	62	65		45.1
Stuttgart	Maximum	78	70	52	65	80	75	62	53	67	62	79	83	84	89	88	75	68	72	76	85	75	60	67	77	83	86	84	76	83	85		74.6
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		46.8
Texarkana	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		77.5
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		47.2
Thornburg	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		74.8
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		38.6
Warren	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		80.9
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		47.8
Wilson	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		70.2
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		44.8
Wynne	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		73.7
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		44.6

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day.

Weather Bureau Office, Little Rock, Ark. 5-21-36-1200

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLI LITTLE ROCK, ARK., MAY, 1936 No. 5

PRICE: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

Temperatures were generally above normal for the first decade, normal to slightly below the most of the second decade, and above normal thereafter until the 29th when cooler weather overspread the State. The average temperature, based on the reports of 54 stations, was 70.9° which is 1.8° above the mean for the past 46 years, only four stations with records of 10 years or more having negative departures. Monthly means ranged from 64.2° at Dutton to 73.6° at El Dorado. The highest temperature reported was 96° at Dumas on the 29th; the lowest, 35° at Thornburg on the 15th.

Showers occurred in all sections the first of the month and from the 9th to the 13th though amounts were small in some localities. After the middle of the month some sections had no rain and many localities only light showers. The average precipitation for the 88 stations reporting was 2.50 inches which is 2.52 inches below the 46-year mean. May is the sixth consecutive month with a negative precipitation departure. Of the stations with records of 10 year or more, only two in southwestern border counties had positive departures. Monthly totals ranged from 0.61 inch at Mammoth Spring to 7.48 inches at DeQueen. Six stations had monthly amounts of less than one inch, while 14 had 4.00 inches or more. The greatest amount measured in any 24-hour period was 4.00 inches at Springbank on the 10th.

The rains the first half of the month were very beneficial to crops but during the latter half the soil had become too dry for good growth in many sections. Cotton made good progress during most of the month and is unusually well cultivated but the soil was too dry in some sections for good growth the latter part of the month. Corn is clean and well cultivated but was needing rain badly in some sections at the close of the month.

Tornadoes, etc.

Horatio,(3 miles southeast of), 9th, 2 p.m., from sw, path 1-2 mile wide and 10 miles long, 2 killed, 20 injured, property damage $20,000. Ozan,(2 1-2 miles east of), 9th, from sw, 150 yards wide, none injured, property damage $500.

Windstorms:--Shannon and vicinity, 12th, several houses and barns destroyed, loss $5,000. Heavy Hail:--Blytheville, 10th, slight damage to corn. Eastern part of Randolph County and western portion of Clay County, 12th, severe hailstorm in connection with windstorm, path 1-2 mile to 3 miles wide, loss to crops $50,000. Moderate Hail:--Hot Springs, 2d, no report of any damage.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	2	.	.	.	.	.	.	1	2	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	3	20	4	.	.	1	.	3	20	9	15	13	1	.	.	.	5	11	.	.	6	3	.	.	.	1	9	7	1	.	4

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30.04	30.31	14	29.63	31	6.1	18	sw	6	..	..	..	75
Fort Smith	29.99	30.24	14	29.70	31	7.8	22	s	2	72	45	48	81
Little Rock	30.02	30.27	22	29.73	28	7.5	21	se	17	76	50	52	78
Memphis	30.04	30.33	22	29.71	31	6.7	25	sw	11	66	44	48	84

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67 8	95	36	9.52	0 0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	53	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0 0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70 8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.6	98	34	3.60	0.0	8	17	7	7
1929	67 6	97	30	6.21	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0 0	7	18	8	5
1935	66 7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
Period	69.1	107	24	5.02	T.	8	13	10	8

Daily River Stages for May, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Van Buren or	Arkansas	22	4.2	7.2	7.0	6.4	12.2	10.8	8.6	7.2	6.6	6.4	9.6	10.4	9.8	8.9	8.3	7.9	7.5	6.9	6.6	6.4	6.0	5.8	5.5	5.4	5.3	5.4	5.2	5.2	5.3	7.8	9.3
Fort Smith				6.3	6.0	5.4	11.1	9.5	7.3	6.3	6 0	5.8	8.9	9.3	8.8	7.9	7.3	7.0	6.7	6.8	6.0	5 8	5.4	5.2	5.0							7.8	8.6
Ozark	do	22	0.3	0.3	2.4	2.3	3.9	6.8	5.0	3.4	2.5	2.1	2.2	5.1	5.7	4.9	4 1	3.5	3.3	2.7	2.4	2.1	1.9	1.6	1 3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	2.1
Dardanelle	do	22	3 3	3.2	3.3	5.6	5.7	8.1	9.6	8.1	6.8	6.1	5.8	6.1	8.8	9.0	8.1	7.4	6.9	6.6	6.3	5.8	5.5	5.3	5.0	4.7	4.6	4.3	4.3	4.3	4.2	4.1	4.1
Morrilton	do	20	-2.0	-2.1	-1.8	-1.3	0 6	0.4	5.0	4 5	2.8	1.8	0.7	0 6	2.6	4.8	4.4	3.2	3.0	2.9	1.5	1.0	0.5	0.2	-0.1	-0.1	-0.2	-0.3	-1.1	-2.0	-1.2	-1.3	-1.3
Little Rock	do	23	0.8	0.9	0.7	1.4	2.0	2.6	2.6	5.7	5.1	3.8	2.9	2.3	2.2	3.9	5 5	5.0	4.2	3.5	3.1	2.8	2.3	2.0	1.7	1.4	1.2	1.0	0 8	0.6	0.6	0.6	0.5
Pine Bluff	do	25	3.2	3.4	3.6	3.6	4.0	4.8	5.5	6.1	8.9	8.8	7.5	7.0	5.8	5.4	7.4	9.2	8.8	7.8	7.1	6.5	6.1	5.5	5.1	4.8	4.4	4.0	3.9	3.6	3.4	3.3	3.2
Danville	Petit Jean	20	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.8	4.3	4.8	4.6	5.6	4.4	3.7	3.4	3.2	3.2	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.4	2.4	2 3	2 2
Ozark Beach Mo	White	30	-0.8	-0.8	-0.8	-0 8	0.7	-0.7	0.9	-0.7	-0.8	0.4	-0.8	-0.8	4.3	3 8	4.4	4.4	3.2	-0.8	1.0	-0.6	-0.4	-0.8	-0.8	-0.8	-0.8	0.8	-0.8	-0.6	-0.8	-0.8	-0.8
Cotter	do	21	3.5	3.5	3.5	3.5	3.2	3.0	2.9	2 8	2.8	3.5	3.2	3.1	3.8	4.5	5.1	4.9	4.9	4.8	4.6	4.5	3.6	3.6	3.5	3.5	3.5	3.5	3.3	3.3	3.1	3 0	3.0
Calico Rock	do	18	1.1	1.4	1.5	1 4	1.5	1.3	0.7	0.5	0.7	1.4	1.4	1.3	1.5	1.7	3.3	3.4	3.4	3.0	2.6	1.5	1.2	1.6	1.5	1.5	1.1	1.1	0.6	1.3	1.0	0.5	0.4
Batesville	do	23	6.2	6.0	6.3	6.3	6 1	5.8	5 6	5.4	5.4	5.6	5.9	5.9	5.9	5.9	6.4	8.2	8.3	8.3	7.8	7.3	6.2	5.9	5.9	6.0	6.0	5.7	5.7	5.2	5.6	5.2	5 0
Newport	do	26	3.8	3.5	3.6	3.7	3.4	3.0	2.7	2.4	2.4	2 1	2.2	2.3	2.2	2 2	2.3	2.9	3.8	4.0	4.1	3.7	3.0	2.1	2.1	2.0	1.8	1.7	1.5	1.4	1.1	1.3	1.0
Georgetown	do	21	7.1	7.2	6.9	6.9	6.8	6.5	6 1	5.6	5.0	4.9	4.8	4.0	3.8	3.6	3.4	3.4	3.8	4.6	5.0	5.5	5.4	5.2	4.6	4.0	3.6	3.0	2.8	2.7	2.5	2.3	1.8
Clarendon	do	26	19 7	19.6	19 5	19.1	18.7	18.2	17.6	16.9	16.1	15.4	14.6	13 9	13.2	12.5	12.0	11.7	11.4	11.3	11.5	11.8	12.1	12.3	12.2	11.8	11.3	10.8	10.5	20.2	9.9	9.7	9.4
Gilbert	Buffalo	30	3.8	3.7	3.7	3.6	3 6	3.5	3.5	3.4	3.4	3.4	3.3	3.9	3.9	4.0	4.1	4 0	3.8	3.8	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.0	3.0
Black Rock	Black	14	3.6	3.5	3.5	3.3	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.7	2 6	2.6	2.5	2.2	2.2	2.4	2.4	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1 8	1.8	1.8	1.7
Arkadelphia	Ouachita	17	7.3	6.6	5.9	5.4	5.5	6.2	5.0	5.6	4.7	4.8	5.3	4.4	4.3	4.7	4.4	4.2	4.4	4.0	4.1	4.1	3 9	4.1	4.0	3.9	3 8	3.8	3.8	4.9	3.1	3.8	3.7
Camden	Ouachita	26	9.4	8.9	8.9	7.2	7.4	6.3	6.3	6.4	6.0	5.9	6.1	7.0	7.9	7 8	7.6	7.2	6.0	5.4	4.7	4.5	4.7	4 8	4.5	4 7	4.5	4.3	4.2	4.0	4.0	4.0	3.9
Fulton	Red	25	4.5	4.5	4.5	4.7	4.7	5.1	5.2	7.0	9.1	8.8	11.1	17.2	18.1	19.0	19.2	17.1	15.1	13.2	11.4	10 0	9 2	8.6	8 0	7.6	7.3	6.9	6 7	6.5	6.4	6.2	7.0
Helena	Mississippi	41	43.6	40.3	36.4	32.6	29.2	26.4	24.4	23.0	22.3	22.1	22.3	22 6	22.6	22 2	21 6	20.7	19.7	18.7	17 5	16.8	16 8	16.9	16.8	16.6	16.4	16.1	15.9	15.8	15.6	15.3	14.8
Arkansas City	do	48	40.5	39.7	38.2	36.6	34.3	31.9	29.4	27.3	25.3	23.7	22.9	22.1	21.5	20.9	20.2	19.4	18.6	17.9	17.0	16 0	15.0	14 6	14.4	14.2	13.9	13.6	13.3	12.9	12.6	12.3	12.0

Climatological Data for May, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41					48	15		2.74	−2.66	0.90	0.0	8	9	19	3	s.	J. W. Campbell
Arkadelphia	Clark	200	41								2.18	−2.95	0.82	0.0	9	14	13	4	ne.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	52								2.46	−2.51	0.79	0.0	6	19	3	9		Herbert Neff
Batesville	Independence	277	37	68.2	+1.2	88	31	36	15	42	2.03	−2.96	0.90	0.0	8	19	6	6	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	70.0	+1.7	89	31	43	15	37	1.74	−3.32	0.75	0.0	8	9	15	7	s.	J. E. Scanlan
Benton	Saline	285	1								1.27		0.60	0.0	7	25	1	5		S. A. Burks
Bentonville	Benton	1295	81	68.9	+3.9	86	31	46	4	35	2.75	−2.18	0.89	0.0	7	7	16	8	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	6								1.44		0.54	0.0	6	23	3	5		C. J. Brooks
Black Rock	Lawrence	259	35								2.88	−1.85	0.92	0.0	7	23	3	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	11	69.4	−0.8	90	25	45	15†	37	3.34	−0.58	1.11	0.0	7	20	3	8	s.	Samuel Norris
Booneville	Logan	465	22	72.1	+2.3	93	31	47	4	39	2.56	−3.12	1.74	0.0	6	8	18	5	e.	F. H. Randolph
Boughton ‡‡	Nevada	200	1								1.90		1.25	0.0	6	13	9	9		Harry Buie
Brinkley	Monroe	205	49	73.0	+3.0	91	21†	46	16	44	1.49	−3.90	0.65	0.0	6	12	7	12	se.	R. J. Torry
Calico Rock	Izard	361	32	71.2	+4.5	94	24	42	15	45	1.35	−3.30	0.77	0.0	5	16	11	4	sw.	W. M. Jones
Camden	Ouachita	116	51					46	15		3.79	−0.93	1.50	0.0	9	12	10	9	se.	J. M. Knight
Carthage	Dallas	297	31	71.3	+2.8	89	28	46	15	40	4.16	−0.52	1.93	0.0	7	11	18	2	s.	P. K. Wylie
Center Point	Howard	591	37					51	13†		2.36	−3.65	1.05	0.0	8	15	9	7	s.	John C. Floyd
Clarendon	Monroe	172	32								1.92	−2.64	0.71	0.0	7	15	3	13	s.	R. M. Wheatley
Clinton	Van Buren	516	15								1.29	−3.54	0.50	0.0	6	11	16	4	se.	A. L. Stephens
Conway	Faulkner	809	53	72.0	+2.0	90	31	44	15	39	2.33	−2.73	1.68	0.0	6	23	4	4	e.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	69.1	−2.2	88	25	44	15†	37	0.86	−3.24	0.47	0.0	9	23	5	3	s.	P. B. Hutchens
Corning	Clay	293	43	70.6	+2.6	92	24†	40	15	42	0.91	−3.82	0.46	0.0	4	22	5	4	s.	Winfred D. Polk
Cotter	Baxter	440	9								1.21		0.70	0.0	3	21	5	5		O. B. McSpadden
Crosset (near)	Ashley	175	24	71.0	−0.8	89	21	46	31	40	1.94	−2.71	0.44	0.0	6	13	11	7	se.	U. S. Forest Service
Danville	Yell	327	20								2.07	−3.72	0.73	0.0	9	10	17	4		J. M. Patterson
Dardanelle	Yell	330	50	72.4	+2.6	92	31	47	15	37	2.18	−3.01	0.77	0.0	8	5	20	6	s.	Geo. N. Goodier
De Queen	Sevier	426	1	72.2		88	5†	50	15†	35	7.48		3.01	0.0	12	15	9	7	ne.	E. B. Smith
Dumas	Desha	162	31	73.2	+2.0	96	29	45	15	45	0.79	−2.68	0.38	0.0	5	14	8	9	s.	Ben Johnson
Dutton	Madison	1590	34	64.2	+1.0	83	5†	37	4	42	5.65	−0.16	1.96	0.0	10	12	18	1	s.	J. M. Ricketts
El Dorado	Union	270	36	73.6	+2.2	92	28	49	15	37	4.36	+0.88	1.33	0.0	10	17	9	5	e.	E. W. Gaston
England	Lonoke	229	30	69.2[a]	−0.6	86[a]	20	45[a]	15	32[a]	2.14	−2.35	0.53	0.0	7	19[a]	7[a]	4[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	69.2	+2.8	88	31	46	3	34	4.00	−1.59	1.43	0.0	7	18	10	3	se.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	68.9	+2.7	88	31	45	4	38	2.32	−2.97	0.89	0.0	8	9	18	4	se.	University of Arkans
Fort Smith	Sebastian	448	56	73.1	+3.5	91	31	53	4	33	1.96	−2.86	1.32	0.0	7	9	15	7	e.	U. S. Weather Burea
Freeman Springs ‡‡	Pope	2240	12								2.06	−3.66	1.29	0.0	5	20	6	5	sw.	R. J. McCuiston
Fulton	Hempstead	260	51								3.65	−1.00	2.40	0.0	4	12	7	12		T. J. Logan
Georgetown	White	200	24								2.60	−2.15	0.70	0.0	8	17	6	8		Mrs. W. R. Owens
Gilbert	Searcy	600	10								1.74		0.50	0.0	6	20	3	8		F. J. King
Glenwood	Pike	547	1								2.16		0.78	0.0	7	20	0	11		C. A. Price
Grannis	Polk	900	17	69.6	+2.6	87	5†	44	15	39	6.25	−0.18	2.22	0.0	13	12	12	7	se.	W. E. McVay
Gravette	Benton	1250	39	69.2	+3.8	90	29†	47	3†	38	1.87	−3.55	0.63	0.0	7	13	15	3	s.	Max W. Schmidt
Harrison	Boone	1052	36	69.0	+3.2	91	31	43	4†	88	2.76	−2.46	1.01	0.0	7	25	3	3	sw.	Louis R. Keck
Heber Springs	Cleburne		1								1.19		0.80	0.0	8	11	9	11		R. L. Black
Helena	Phillips	300	64	72.4	+1.6	92	24	49	15	30	1.41	−3.28	0.57	0.0	6	19	3	9	se.	James A. Burnett
Higden ††	Cleburne	445	17								1.76	−3.56	0.87	0.0	5	21	6	4	ne.	Trumon Brown
Highland	Pike	491	17	72.4		88	21†	50	15	33	2.45		1.30	0.0	7	0	30	1	s.	J. O. Cooley
Hope ††	Hempstead	354	66	71.0[1]	0.0	91[1]	5	48[1]	15	38[1]	3.78	−1.42	1.57	0.0	4	14[1]	2[1]	3[1]		N. P. O'Neal
Hot Springs	Garland	600	45	73.4	+3.6	94	21	45	15	41	4.61	−1.40	1.40	0.0	11	10	18	3	s.	National Park Servi
Index ‡‡	Little River	275	19								2.80	−1.62	1.90	0.0	3	21	2	8		W. E. McDowell
Jessieville	Garland	750	10								2.61		1.03	0.0	7	5	21	5	e	U. S. Forest Service
Jonesboro	Craighead	345	41	71.2	+1.7	89	21†	46	15	38	1.11	−3.08	0.54	0.0	7	21	8	2	sw.	Benedictine Sisters
Lead Hill	Boone	650	30	67.9	+0.5	91	31	40	4	47	1.46	−3.37	0.68	0.0	7	23	8	0	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	57	72.2	+1.9	86	24	53	15	29	1.24	−3.54	0.46	0.0	8	9	13	9	s.	U. S. Weather Burea
Lutherville ‡‡	Johnson	775	37	70.8	+2.8	89	31	47	4	36	5.06	−0.21	1.51	0.0	9	13	11	7	se.	H. G. Lenhardt
Madison	St. Francis	209	6								2.79		1.07	0.0	5	20	1	10		J. W. Eppes
Magnolia	Columbia	315	20	73.0	+1.6	92	24	51	15	36	5.23	+0.76	1.60	0.0	5	5	22	4	se.	State Agri. School
Malvern																				
Mammoth Spring	Fulton	600	32	69.4	+3.4	89	23†	39	14	40	0.61	−3.98	0.47	0.0	3	18	9	4	se.	S. F. Whittaker
Marianna	Lee	235	25	72.8	+2.6	90	31	48	15	39	1.02	−3.26	0.43	0.0	6	21	5	5	s.	C. N. Houck
Marked Tree	Poinsett	229	32	71.6	+2.6	90	21†	46	15	39	1.41	−3.29	0.47	0.0	7	18	10	3	n.	Charles Walton
Mena	Polk	1207	48	70.4	+1.8	89	5	47	15	37	4.59	−1.65	2.62	0.0	10	12	10	9	sw.	E. W. St. John
Morrilton	Conway	347	17	70.7	+1.7	89	21	49	15†	36	0.90	−4.01	0.60	0.0	2	17	8	6	se.	Hugh B. Wear
Mountain Home	Baxter	800	24	69.8	+3.7	91	24†	41	15	40	0.75	−4.26	0.42	0.0	5	14	12	5	w.	B. S. Halbert
Mount Ida	Montgomery	650	37	68.8	+0.8	90	31	39	15	45	1.08	−4.85	0.74	0.0	3	17	8	6	w.	G. A. Whittington
Nail	Newton	2233	28																	Charles Paxton
Newport	Jackson	231	53	70.7	+0.9	90	25	45	15	37	3.30	−1.06	1.05	0.0	8	17	7	7	n.	J. D. Henderson
Norman ††	Montgomery	750	8								1.57		0.80	0.0	6	14	7	10	s.	U. S. Forest Service
Oden	Montgomery	800	10								1.57		1.00	0.0	6	7	16	8	se.	U. S. Forest Service
Okay	Howard	288	8	71.6		90	24†	46	15	40	2.32		1.15	0.0	11	13	13	5	se.	Charles R. Jackson
Ozark	Franklin	396	41	71.8	+2.2	90	6†	48	4	41	4.43	−0.36	1.80	0.0	8	24	2	5	e.	Orkney O. Milton
Paragould	Greene	275	13								1.33	−3.47	0.61	0.0	3	25	6	0	sw.	W. R. Heagler
Parkin	Cross	222	6								1.99		0.90	0.0	4	14	7	10		Carroll King
Patterson	Woodruff	204	20								3.46	−1.60	1.01	0.0	8	22	4	5	sw.	W. E. Baker
Pine Bluff	Jefferson	215	49	72.5	+1.1	89	10†	51	15†	35	1.70	−2.97	1.23	0.0	12	11	12	8	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	12								4.25	−1.02	1.49	0.0	8	14	7	10	sw	J. R. Huddleston
Pocahontas	Randolph	300	43	69.6	+1.3	91	24	43	15	40	2.13	−2.75	0.75	0.0	6	18	4	9	sw.	Benedictine Sisters
Portland	Ashley	122	30	72.2	+0.6	90	16	49	31	38	1.58	−3.77	0.47	0.0	8	14	11	6	s.	W. E. Edmiston
Prescott	Nevada	318	48	73.2	+2.8	90	21†	50	15	35	2.70	−2.35	1.62	0.0	5	14	12	5	s.	Craig Williams
Rogers (near)	Benton	1300	46	68.9	+3.1	89	5	41	15	40	3.54	−1.52	1.08	0.0	6	20	3	8	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2								1.75		0.90	0.0	3	10	14	7	s.	Miss Clarice Maddo
St. Francis	Clay	290	9								1.27		0.38	0.0	5	24	1	6		S. T. Rooney
Searcy	White	245	26	71.6	+3.1	90	21†	44	15	39	2.33	−2.11	0.86	0.0	9	22	3	6	sw.	Arthur D. Smith
Springbank	Miller	240	27								6.73	+2.20	4.00	0.0	12	12	6	13		Henry Field
Story	Montgomery	650	12								1.04	−4.03	0.66	0.0	3	21	7	3	s.	S. C. Story
Stuttgart	Arkansas	209	49	72.0	+2.1	89	21†	48	4†	38	2.53	−1.09	1.02	0.0	8	20	9	2	n.	Mrs. B. E. Swim
Subiaco	Logan	750	89	72.8[a]	+2.9	95[a]	23	48[a]	4†	39[a]	2.18	−3.09	1.53	0.0	5	16[a]	6[a]	8[a]	se.	New Subiaco Abbey
Texarkana	Miller	332	51	73.2	+1.8	88	21†	55	30	30	4.51	−0.09	1.51	0.0	11	18	6	7	s.	H. S. Brashear
Thornburg	Perry	650	16	68.4	+1.0	89	21†	35	15	45	2.25	−3.49	0.78	0.0	6	14	15	2	s.	Edward E. Holmes
Waldron	Scott	675	17								4.35	−1.65	2.97	0.0	6	13	6	12	s.	Dr. Cheves Bevill
Warren	Bradley	206	42																	Miss Sue Hoyle
Whitecliffs	Little River	290	30								1.59	−2.79	0.80	0.0	2	23	3	5		William W. Davis
Wilson	Mississippi	237	11	70.8	+1.4	89	25	44	15	37	2.89	−2.11	1.15	0.0	7	22	1	8	s	D. O. Anderson
Wynne	Cross	250	28	70.8	+1.5	90	25	42	15	42	1.89	−2.83	0.63	0.0	5	16	9	6	s	B. M. Eddins
Yancopin	Desha	167	12								1.19	−3.45	0.76	0.0	5	16	6	9		W. E. Barton
State Means				7.09	+1.8	96	29	35	15	47	2.50	−2.52	4.00	0.0	7	16	9	6	s.	

Daily Precipitation for May, 1936

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita			.66						.90	.23	.10		.16					.29				.30				.10						2.74
Arkadelphia	Ouachita	T.		33						.30	.82	.01	.46							.09							.06	.10	.01				2.18
Arkansas City	Mississippi			.40	.10						T.	.79		.23						.24			T.					T.		.70			2.46
Batesville	White		.90								.07	.09	.09	.05						.73				.04				.06					2.03
Bee Branch	Arkansas	.20	.12	.10						.05	T.		.10	T					.75				.30				T.	.12					1.74
Benton	Saline			.13						.18	.16	.04	.03	.13						.60													1.27
Bentonville ***	Arkansas	T	.74						.31	.20		.47	.13						.01				.89				T.	T.				T.	2.75
Big Lake Outlet	St. Francis		.54	T.								.11	.20	.34					.06	.19													1.44
Black Rock	White		.38								.04	.92	.10	.48					.05	.41													2.88
Blytheville	St Francis		.88	T.								1.11	.19	.38			.48		.10	20													3.34
Booneville	Arkansas		T.							1.74	.01	.62	.09										T.				T	.08	02				2.56
Boughton	Ouachita	.19		.19						.14	1.25							.09		.04						T.	T.	T.		T			1.90
Brinkley	White		*	.65									.42	.32					.06	.04													1.49
Calico Rock	White	.30	.77								.03		.20	.05				T	T.		T.												1.35
Camden	Ouachita			1.50						.03	1.50	.03	.20	.10						.12								.15	T	.16			3.79
Carthage	Ouachita		1.93	.32						.85	.62	.09							.25								.10		T.				4.16
Center Point	Red		.07	.39						1.05	.31							.03									22	.09	T.	.20			2.36
Clarendon	White		.10	.71							.23	.20	.09	.49					.10														1.92
Clinton	White		.13							.08		.14	.50						.40			T.	.04				T.						1.29
Conway	Arkansas		1.68								.06			.04				.20	.31								.04						2.33
Cornerstone	Arkansas		.02							.18	.01	.05	.04	.01				.47	.05			T					.03		T.				0.86
Corning	White		.22											.21				T.	.02	.46													0.91
Cotter	White		70							T.	.25		T.	.26																			1.21
Crossett [near]	Ouachita			32						.22	.30	.30										T						.36		.44			1.94
Danville	Arkansas	.01	.02							.73	.02		.36	.22						.46								.06	.19				2.07
Dardanelle	Arkansas			.30						.77	.21	.15	.56	.11					.03									.05					2.18
De Queen	Red		.02	2.20						3.01	.69	.20	.05					.04	.36			T.	.16				.54	.20	.01				7.48
Dumas	Mississippi		T.							T.	.20	.02	.15					T.	.04			.38					T.						0.79
Dutton	White		.75							1.96	.89	1.09	T.	.05				T	.09				.53	.06			.07	.16					5.65
El Dorado	Ouachita			.28	.18					.01	1.00	1.33	T.	T.				.05		.75							.01	56	T.	.19			4.36
England	Arkansas		.05							.30	.53	.30						.40	.50								T.	.06					2.14
Eureka Springs	White		.75							1.43	47	.62	.41										.12					.20					4.00
Fayetteville	White		.55							.89	.16	.42	.19						.01				T.	.09				.01				T	2.32
Fort Smith ***	Arkansas	T.	.03						.71	.61	T.	.26	T.					.01	T				T.				T	.10	.24			T.	1.96
Freeman Sprgs.	Arkansas									1.39			.41							.20				.01				.05					2.06
Fulton	Red	T.	T.							.65	2.40	.15	T.														T.	T		.45			3.65
Georgetown	White		.33	18						T.	.20	.50	.26	.35				T.	.08	70								T.	T				2.60
Gilbert	White		.49							.50			.47	.03						18									.07				1.74
Glenwood	Ouachita									.78	.20	.23						.40		.12								.28	.15				2.16
Grannis	Red		.11	.70						2.22	.62	1.22	.02	.01					.33			.08	.05	.06			.13	.70	T.			T	6.25
Gravette	Arkansas		.63							.26	05		.42	.31						.03				.17									1.87
Harrison	White		85							.50		.21	1.01	.05									.11					.02					2.75
Heber Springs	White		*	.80						T.	.01	.01	.20							.05			T.	.02			T	.10					1.19
Helena	Mississippi			.10								.05	.36	.27					.06	.57													1.41
Higden	White	.87	.23									.18	.10					.38															1.76
Highland	Ouachita	.15	.10	30						1.30	.10								.45								.05						2.45
Hope	Red			.38					T.	1.57	1.18																		.65				3.78
Hot Springs	Ouachita	.15	1.40							1.08	.10		.08	.12				.05	1.00					.04			.05	.54					4.61
Index	Red		T.	T.						.70	1.90		T.	T.																.20			2.80
Jessieville	Ouachita			1.00						1.03	.06	.34	.12														.04	.02					2.61
Jonesboro	White		.47									.01	.01	.05						.54								.02	.01				1.11
Lead Hill	White		.68							.47		.05	.15	.03					.04			T.	.04					T.					1.46
Little Rock ***	Arkansas		.46							.16	.17	.19	.03					T.	.17			.04	T.				.02	T.	T.				1.24
Lutherville	Arkansas		.03							.72	.05	.58	.55						1.51				.60				.10	.92					5.06
Madison	St. Francis		T.	.70								1.07	.05	.18						.79													2.79
Magnolia	Red			1.00						1.60	.90	.40															T.	T.	1.33				5.23
Mammoth Spg	White		.47											.08						.06													0.61
Marianna	St. Francis		.15								.43	.22	.03					.12	.07														1.02
Marked Tree	St. Francis		.33	.21								.27	.01	.47					.09	.03													1.41
Mena	Ouachita	T.	.20	.33						2.62	.11		.50	.35						.23				.05			.01	.19					4.59
Morrilton	Arkansas			60						T.	.30		T.						T									T.					0.90
Mountain Home	White		.42							.02	.06	.10	.15					T.															0.75
Mount Ida	Ouachita									.74		.24																.10					1.08
Nail	White																																....
Newport	White		.87	.48							.06	1.05		.29					.02	.52								.01					3.30
Norman	Ouachita		.09		.06					.80	.09		.50	.03																			1.57
Oden	Ouachita									1.00	.08		.41	.02					T.								.03	.03					1.57
Okay	Red		.08	.21						1.15	.45	.05		10					.10						T.		.05	.03	.08	.02			2.32
Ozark	Arkansas		T.							1.80	.25	.20	.80	.15										.90				.25	.08				4.43
Paragould	St. Francis	.61												.57						.15													1.33
Parkin	St. Francis		.61									.90		.28						.20													1.99
Patterson	White		1.01								.38	.22	.21	.61	.46			.46	.11														3.46
Pine Bluff	Arkansas		.05	.01							1.23	.04	93	.05					.04	.05			.07				.03	.03		.07			1.70
Pine Ridge	Ouachita	.21		.98						1.49	.11		.66	.26						.33								.21					4.25
Pocahontas	White		.40							.03	.50		.75	.05					.40														2.13
Portland	Ouachita				.22						.28	.02		.05						.38			.47					.04		.12			1.58
Prescott	Ouachita	.10		.08						.28	1.62		.01					.52		.04								.05					2.70
Rogers (near)	White		.59							1.01		1.08	.56										.10					.20					3.54
Rosebud	Arkansas		.30																.55			.90	T										1.75
St. Charles	White												.02						.02	.04													....
St. Francis	St. Francis		.18								T.	.14	T.	.38					.26	.31													1.27
Searcy	White		.86	.01						.21	.22	.05	.05	.34					.53								.06						2.33
Springbank	Red			.50	.40					.62	4.00	.02	.05	.02				.07	.26	T			T.				T.	.30	.28	.21			6.73
Story	Ouachita									.66			.10															.28					1.04
Stuttgart	Arkansas			.07							.70	.40	.12	.04					T.	1.02			.15					.03					2.53
Subiaco	Arkansas									1.33	T.	.29	.17										.10					.29					2.18
Texarkana	Red		.10	.08	.90					.65	1.51		.05	.26						.40								.06	35	.15			4.51
Thornburg	Arkansas	.66	.78							.42	.04	T.	05						T.			T.	T.				T	.30	T.				2.25
Waldron	Arkansas		.17						T.	2.97		1.12	T.						.02								.05	.02	T.				4.35
Warren	Ouachita																																....
Whitecliffs	Red		T.	T.						.80	.79																						1.59
Wilson	Mississippi		.50	.63							.15		.15	1.15					.13	.18													2.89
Wynne	St. Francis		*	.63								T.	.54	.62						.10													1.89
Yancopin	Arkansas										T.	.76		.03	.04				.06	.08			.13					.04		.05			1.19

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O.
ldresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana;
utherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2, Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight.
24hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.
The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipita-
on with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for
e period to 1935, inclusive.

Daily temperatures for May, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville	Maximum	85	82	77	77	84	85	82	83	78	76	73	81	81	78	78	82	84	80	79	82	87	86	83	84	87	81	85	87	83	80	88	81.9
	Minimum	69	62	49	43	48	53	59	62	66	63	57	57	50	54	36	40	51	64	49	48	52	68	59	58	54	56	62	58	51	45	50	54.6
Bee Branch	Maximum	85	86	78	78	83	85	85	85	82	80	76	80	80	81	80	83	84	82	76	80	85	84	83	85	85	83	83	85	84	82	89	82.5
	Minimum	65	63	54	50	51	55	60	64	63	62	57	55	53	56	43	46	58	62	59	52	57	65	60	61	59	61	64	65	60	51	55	57.6
Bentonville ***	Maximum	81	69	75	81	86	85	83	81	79	77	74	78	76	71	80	82	85	79	78	82	86	81	82	83	84	84	81	84	81	82	86	80.4
	Minimum	63	53	47	46	57	65	65	64	61	57	52	55	55	47	51	53	58	59	51	50	56	64	64	61	60	60	61	63	58	55	68	57.4
Blytheville	Maximum	80	76	72	66	85	85	81	88	84	87	72	72	70	69	73	73	84	80	76	78	89	80	88	89	90	76	89	81	81	75	87	79.9
	Minimum	65	63	52	46	53	58	63	64	65	65	62	63	56	49	45	45	74	70	60	55	61	63	66	63	58	62	67	63	49	49	50	58.8
Booneville	Maximum	84	81	84	85	91	89	85	84	82	84	78	83	82	79	79	85	85	84	79	84	88	87	89	87	88	82	87	88	83	87	93	84.7
	Minimum	68	9	56	47	52	61	65	69	62	62	54	55	55	59	49	51	60	63	56	52	57	67	67	62	62	65	69	63	55	54	60	59.5
Brinkley	Maximum	87	84	75	80	86	84	86	88	89	81	82	81	80	83	86	90	84	86	82	85	91	90	89	91	91	84	87	89	86	83	90	85.5
	Minimum	66	62	57	64	48	51	62	61	56	64	64	62	73	75	50	46	63	65	57	55	60	66	65	61	58	66	67	67	62	54	49	60.5
Calico Rock	Maximum	89	80	78	86	91	90	86	90	84	77	72	82	82	73	85	88	89	84	86	86	90	90	90	94	93	85	86	88	86	84	93	85.7
	Minimum	67	62	50	47	52	59	65	66	67	64	60	56	54	49	42	46	54	60	50	49	53	62	63	60	57	58	65	63	52	50	58	56.8
Carthage	Maximum	87	87	78	83	88	86	83	85	79	77	75	84	82	74	81	87	84	85	81	85	88	87	87	88	87	78	84	89	83	84	88	83.7
	Minimum	65	65	59	50	51	57	57	62	64	62	62	59	62	59	46	47	64	63	58	52	58	62	62	59	59	67	65	68	57	51	53	58.9
Conway	Maximum	89	85	80	79	85	87	84	86	79	78	79	83	83	80	79	87	87	82	87	83	87	87	88	89	87	81	84	88	84	84	90	84.2
	Minimum	65	63	56	52	53	59	61	63	68	63	60	56	57	58	44	48	61	64	56	53	58	66	65	63	61	64	67	66	57	59	65	59.7
Cornerstone	Maximum	87	84	71	81	79	83	82	82	78	73	73	73	73	72	75	81	76	81	78	78	85	79	79	80	88	82	84	85	75	82	83	79.4
	Minimum	65	67	59	47	48	57	59	63	69	63	66	64	61	58	44	44	64	64	58	53	61	65	64	55	58	68	65	63	55	47	48	58 8
Corning	Maximum	87	81	76	80	88	89	89	89	85	76	79	85	83	71	80	88	89	78	82	84	91	90	90	92	92	89	89	87	82	77	91	84.8
	Minimum	67	62	49	45	52	56	56	62	65	64	63	61	53	48	40	46	54	65	51	52	57	64	62	59	59	60	63	62	51	49	50	56.4
Crossett	Maximum	86	86	74	83	84	87	84	86	85	81	85	83	85	81	82	88	85	85	83	87	89	87	87	87	88	83	86	87	82	82	86	84.6
	Minimum	62	60	60	47	48	51	56	65	68	61	58	60	58	56	48	51	54	60	60	51	61	62	59	59	62	62	60	63	59	48	46	57.3
Dardanelle	Maximum	87	84	79	82	89	88	86	86	80	78	75	80	84	81	81	86	83	81	83	86	89	87	88	89	89	84	86	90	86	87	92	84.7
	Minimum	66	69	57	50	52	59	64	68	63	65	59	56	56	60	47	49	62	63	57	54	58	68	69	63	62	63	67	63	58	55	62	60.1
De Queen	Maximum	83	82	81	85	88	86	82	82	80	80	78	80	83	81	81	85	83	82	83	85	87	86	87	88	86	79	85	85	84	86	86	83.5
	Minimum	62	65	63	55	55	63	60	65	62	60	60	55	57	63	50	50	62	63	59	55	63	67	66	64	65	67	68	65	64	55	59	60.9
Dumas	Maximum	91	95	77	82	91	92	87	89	89	82	87	83	84	80	84	91	80	84	84	85	90	89	88	91	90	81	88	90	96	92	95	87.3
	Minimum	65	65	49	49	51	55	60	61	69	69	65	63	61	58	45	47	63	64	59	59	58	65	63	62	61	69	66	65	51	48	50	59.2
Dutton	Maximum	82	74	75	79	83	83	80	78	73	74	72	72	77	71	72	72	80	78	77	79	82	76	79	80	80	72	78	82	79	79	83	77.5
	Minimum	65	60	44	37	45	51	64	65	59	55	47	48	45	42	40	41	50	54	41	43	48	60	60	54	52	52	56	55	46	45	55	50.9
El Dorado	Maximum	88	88	82	85	89	87	85	86	82	82	76	82	85	79	85	90	84	86	84	89	91	89	89	89	90	75	87	92	84	84	90	85.6
	Minimum	66	66	59	59	57	61	61	65	65	62	61	65	65	61	49	53	65	63	62	55	55	69	66	63	67	70	68	65	60	54	54	61.6
England	Maximum	80	80	75	..	82	82	82	79	78	74	74	73	74	74	69	81	79	74	82	86	82	82	81	81	83	83	79	80	80	74	84	78.9
	Minimum	65	68	50	..	52	58	60	61	64	62	65	62	60	56	45	49	64	63	57	54	60	64	62	60	60	67	64	65	56	55	55	59 4
Eureka Springs	Maximum	83	75	75	81	86	85	83	82	78	76	77	70	76	70	81	82	83	80	78	82	84	79	82	85	85	85	80	84	81	81	88	80.5
	Minimum	68	56	46	47	61	63	64	63	60	57	53	55	53	47	48	55	63	62	52	52	57	64	62	61	65	61	60	65	58	55	64	58.0
Fayetteville	Maximum	83	75	75	83	85	86	84	81	77	76	76	73	78	74	80	81	84	81	78	82	85	82	83	85	85	84	81	86	82	85	88	81.2
	Minimum	67	56	49	45	60	66	65	65	61	57	52	53	53	49	47	51	59	59	48	47	53	66	68	56	57	56	61	64	53	51	62	56.6
Fort Smith***	Maximum	84	76	84	85	90	88	85	81	83	83	79	82	82	75	79	85	86	83	80	83	87	85	86	87	86	80	83	83	86	87	91	83.7
	Minimum	70	64	60	53	57	65	65	64	63	62	58	57	59	58	54	56	63	65	60	58	63	69	69	66	66	67	69	67	62	61	67	62.5
Grannis	Maximum	81	80	82	85	87	85	82	79	80	80	78	78	82	78	81	84	82	85	82	83	86	83	85	85	85	78	83	82	83	87	85	82.5
	Minimum	60	64	63	50	51	53	54	64	60	62	56	50	53	57	44	45	57	59	56	48	55	63	61	58	60	64	65	65	57	51	54	56.7
Gravette.§§	Maximum	80	69	76	83	87	86	85	82	81	78	75	74	76	74	82	85	86	81	82	84	88	86	87	87	88	88	84	86	90	87	90	82.8
	Minimum	66	55	47	48	56	64	64	63	60	56	48	50	49	49	49	50	55	60	47	48	50	57	62	59	60	59	60	62	62	53	57	55.6
Harrison	Maximum	87	75	76	81	89	87	85	85	80	82	74	78	79	80	78	86	86	87	81	82	87	82	85	88	88	83	81	84	85	83	91	83.1
	Minimum	68	60	48	43	52	57	65	66	61	61	54	51	52	47	43	48	52	53	50	50	50	64	66	52	55	56	59	59	52	50	57	54.9
Helena	Maximum	84	83	72	76	82	86	83	85	86	87	83	80	78	78	76	86	81	80	78	84	88	86	87	92	89	85	87	89	84	77	84	83.1
	Minimum	65	66	58	52	52	62	66	64	68	63	62	63	60	57	49	57	66	64	59	57	66	68	67	66	62	70	65	69	61	52	61	61.8
Highland	Maximum	84	83	80	85	87	83	83	81	79	81	78	81	86	84	83	85	84	83	82	86	88	85	87	88	87	81	83	86	84	88	87	83.9
	Minimum	63	59	60	57	57	61	60	65	60	62	61	62	64	60	50	53	63	63	60	55	62	65	65	64	63	66	66	66	61	58	61	61 0
Hot Springs	Maximum	88	89	84	89	92	90	88	84	81	81	83	87	88	85	86	90	88	85	86	91	94	90	92	93	91	79	88	87	85	85	93	87.5
	Minimum	65	64	58	53	53	59	59	67	62	66	62	56	57	59	45	49	63	62	57	52	59	65	64	62	62	65	65	63	57	53	58	59 4
Jonesboro	Maximum	87	81	74	77	86	87	86	87	84	80	78	83	82	77	80	86	87	76	79	83	89	88	88	89	89	84	88	87	82	78	88	83.5
	Minimum	67	62	54	48	53	58	60	61	65	65	64	62	57	53	46	48	59	63	56	54	62	63	63	60	61	62	66	66	56	56	55	58.9
Lead Hill	Maximum	89	80	75	87	90	88	85	85	80	76	74	80	79	72	82	86	87	78	80	83	86	83	86	90	88	84	84	88	84	82	91	83.3
	Minimum	66	59	44	40	48	55	59	60	61	62	54	52	49	44	41	45	49	57	45	46	46	57	58	55	54	55	57	61	47	47	55	52 5
Little Rock.* **	Maximum	86	83	76	76	85	85	82	84	76	75	73	81	80	70	79	84	84	77	78	82	86	85	86	86	86	78	84	85	80	80	85	81 2
	Minimum	68	64	59	55	56	64	66	65	65	63	63	60	61	58	53	55	66	63	61	62	65	68	68	66	68	70	68	69	61	62	62	63.1
Lutherville	Maximum	86	80	82	83	87	88	85	84	78	77	76	78	81	74	79	83	83	80	79	82	85	82	84	88	84	76	81	85	80	84	89	82.0
	Minimum	66	67	55	47	54	58	61	67	60	61	58	53	54	54	49	51	59	64	57	57	61	66	68	64	63	63	64	64	58	60	65	59.5
Magnolia	Maximum	78	85	80	83	87	86	87	86	80	80	77	83	82	84	81	86	88	87	83	87	88	88	88	92	88	86	87	90	88	87	85	85.1
	Minimum	58	60	58	54	55	63	61	67	63	60	64	59	63	62	51	56	62	64	61	57	65	68	66	63	65	68	68	64	52	54	55	60.8
Mammoth Spring	Maximum	87	85	80	76	83	85	83	86	84	81	77	78	77	78	81	84	86	85	76	84	86	87	89	87	85	87	84	87	80	83	89	83 2
	Minimum	67	65	49	52	62	64	59	63	66	63	57	62	50	39	43	44	51	52	49	48	53	60	61	57	55	59	57	62	56	50	52	55.7
Marianna	Maximum	84	83	76	76	83	83	85	86	84	84	84	81	80	77	80	87	87	87	81	86	88	86	88	89	89	86	88	88	83	80	90	84.2
	Minimum	66	64	53	53	54	61	66	67	70	65	65	65	61	57	48	51	65	65	60	55	64	68	70	60	60	69	65	70	59	57	51	61.4
Marked Tree§§	Maximum	86	80	73	77	85	87	85	87	86	85	83	83	79	72	81	87	85	80	82	86	90	87	88	89	90	82	88	89	82	79	89	83 9
	Minimum	66	62	59	49	54	58	66	67	66	65	64	63	58	52	46	48	61	64	57	53	62	63	64	60	59	62	64	65	55	52	50	59.2
Mena	Maximum	81	79	80	84	89	85	84	80	80	81	78	78	78	75	81	85	84	79	82	82	86	84	85	85	83	80	78	83	81	83	87	81 9
	Minimum	65	65	57	52	52	61	63	67	60	59	56	53	54	60	47	49	52	63	59	51	59	66	65	60	62	65	66	61	63	57	60	59.0
Morrilton	Maximum	83	82	77	81	84	84	82	84	77	79	76	78	74	75	82	85	84	80	80	82	89	87	85	87	88	79	80	79	80	84	80	81 5
	Minimum	66	66	57	55	52	61	64	65	64	62	62	57	52	52	49	49	51	64	58	59	61	66	64	68	63	63	67	65	62	53	60	59 9
Mountain Home	Maximum	88	78	78	83	90	88	84	86	80	75	74	80	79	70	81	86	89	80	82	85	90	87	89	91	91	87	87	87	83	81	91	83.9
	Minimum	67	60	49	44	52	56	62	61	62	60	55	52	50	48	41	46	59	58	57	48	53	62	62	60	57	59	60	63	54	56	55	55 7
Mt. Ida	Maximum	83	84	81	84	87	85	82	81	78	79	76	78	81	75	80	85	84	84	81	83	86	84	86	86	86	78	82	86	83	85	90	82.7
	Minimum	67	63	59	45	45	52	59	67	61	60	55	51	52	55	39	40	59	58	52	44	50	62	64	55	57	61	64	59	49	45	54	54.9
Newport	Maximum	87	80	74	76	84	86	84	86	80	77	75	81	80	76	79	84	84	78	79	83	89	87	88	89	90	81	83	82	82	81	88	82.4
	Minimum	69	62	55	49	52	56	61	61	69	64	65	62	57	55	45	48	59	62	55	55	59	65	65	60	60	63	69	65	57	53	51	59.0
Okay	Maximum	84	83	86	85	89	87	85	84	79	80	84	82	84	88	81	86	89	86	81	86	89	87	88	90	89	86	87	89	90	88	86	85.7
	Minimum	57	64	58	49	51	62	56	67	60	58	61	53	54	59	46	47	63	60	54	53	51	65	64	61	62	66	66	54	60	48	50	57.4
Ozark	Maximum	86	80	85	89	89	90	85	82	80	78	79	78	85	78	80	85	85	85	81	82	88	83	85	86	85	79	85	89	86	86	90	83.4
	Minimum	68	68	65	48	52	62	60	68	66	61	57	50	56	55	50	51	60	63	55	54	59	69	66	64	63	64	67	64	59	56	63	60.1
Pine Bluff	Maximum	86	85	74	81	85	87	83	86	80	89	75	81	80	73	78	86	84	81	81	84	89	86	87	88	87	80	85	88	81	81	85	83.1
	Minimum	67	69	60	53	54	61	63	64	66	63	67	64	63	60	51	51	66	64	60	57	65	66	61	65	64	69	67	67	62	55	56	61.9
Pocahontas	Maximum	87	82	75	78	85	86	85	87	81	78	77	82	80	79	81	85	85	78	82	85	89	89	87	91	89	87	87	87	83	81	89	83.8
	Minimum	65	61	50	45	50	54	56	56	61	63	61	60	51	50	43	45	52	61	55	52	58	60	59	57	50	59	62	64	53	51	49	55.3
Portland	Maximum	87	87	78	80	83	87	84	87	87	83	85	82	84	79	81	90	84	85	82	86	89	86	87	88	87	82	85	88	82	82	87	84 6
	Minimum	64	63	59	52	54	56	60	62	68	64	64	61	60	60	50	55	63	53	61	55	64	64	65	62	61	67	65	66	58	53	49	59.9
Prescott	Maximum	86	85	84	86	89	88	86	86	82	81	76	84	83	80	82	88	86	86	83	87	90	90	89	89	88	85	86	88	86	86	88	85.6
	Minimum	63	68	54	59	54	61	58	65	62	60	63	57	60	61	50	53	64	63	60	56	62	65	64	62	64	68	67	67	62	56	59	60.9
Rogers	Maximum	84	78	77	83	89	86	84	80	79	80	71	75	79	75	81	83	84	80	79	82	83	82	83	85	85	87	83	85	80	81	88	81.6
	Minimum	69	56	48	45	51	66	66	66	57	62	52	55	53	49	41	50	53	60	48	47	52	66	63	58	57	59	59	66	56	51	61	56.2
Searcy	Maximum	89	80	77	79	86	88	84	87	80	79	76	84	82	79	79	86	85	82	80	84	90	89	90	90	90	82	89	88	82	80	90	84.1
	Minimum	66	62	55	50	53	55	60	59	65	63	64	62	56	56	44	47	61	64	54	54	58	64	65	67	60	63	66	67	58	57	54	59.0
Stuttgart	Maximum	84	85	77	80	86	88	84	87	80	80	81	82	82	76	80	87	86	85	81	86	89	87	88	89	89	85	89	88	84	84	88	84.4
	Minimum	64	65	58	48	51	55	59	59	67	62	65	63	61	56	48	49	63	65	58	57	64	64	63	62	61	68	66	68	57	54	52	59.7
Subiaco	Maximum	86	83	85	85	90	89	86	85	80	84	79	81	84	77	81	87	86	81	83	..	90	85	95	91	89	79	89	88	87	89	93	85.7
	Minimum	68	67	58	48	51	66	63	69	61	62	57	53	57	57	48	50	60	60	57	..	53	66	67	63	62	63	67	62	59	57	63	59 8
Texarkana	Maximum	85	85	77	83	87	85	84	84	79	79	77	83	83	80	80	86	84	87	83	86	88	87	87	88	88	80	87	87	82	85	85	83.9
	Minimum	64	62	60	59	60	61	65	63	65	60	59	60	62	60	60	56	66	64	65	62	64	66	67	65	66	65	66	68	65	55	60	62.6
Thornburg	Maximum	83	82	78	79	85	85	81	82	78	78	76	79	81	74	80	83	83	85	85	85	89	85	88	89	88	79	83	87	86	85	87	82.8
	Minimum	66	64	59	41	43	54	59	62	60	59	56	49	49	56	35	38	55	68	51	42	48	63	64	55	55	56	60	57	42	55	50	53.9
Wilson	Maximum	81	84	78	75	82	85	85	86	86	83	81	80	78	77	76	85	84	82	77	83	87	86	85	85	89	88	88	88	83	78	83	82 9
	Minimum	65	62	53	48	53	59	64	64	66	64	62	63	56	52	44	48	65	62	57	52	62	63	67	62	59	65	66	65	54	51	50	58.8
Wynne	Maximum	88	82	76	78	86	87	86	87	84	83	80	85	81	78	80	86	80	83	82	85	87	86	88	89	90	84	87	89	84	81	83	84.
	Minimum	64	60	54	49	50	57	62	63	66	67	64	61	56	52	42	44	60	62	53	52	59	66	65	64	56	64	63	63	53	53	46	57.

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding da

Weather Bureau Office, Little Rock, Ark 6-24-36-12

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

L. XLI   LITTLE ROCK, ARK., JUNE, 1936   No. 6

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GENERAL SUMMARY

Temperature was above normal and precipitation below dur- g June, this being the driest June since 1930 and the seventh nsecutive month with precipitation below normal. Rainfall the past six months has been only 43% of the normal a- ount and the deficiency for the State since January 1st is .79 inches.

The average temperature for the State, based on the reports 58 stations, was 80.0° which is 2.9° above the 46-year mean. stations with records of 10 years or more had positive de- rtures but in the western portion they were higher than in eastern. The highest temperature recorded was 113° at rning on the 20th which establishes a new high record for ne, the previous record being 110°. The lowest reported s 44° at Dutton on the 14th and at Thornburg on the 25th. Scattered showers occurred the first decade and on the 30th d more general showers on the 22d or 23, some stations re- rting an inch or more for these two days. The average pre- itation for the 94 stations reporting was 1.26 inches, which is 6 inches below the 46-year mean, all stations except one ving negative departures. Texarkana, Index, and White- fs in the extreme southwestern portion had only a trace of n during the month and 15 other stations less than one-half h. The greatest amount measured in any 24-hour period s 3.18 inches at Higden on the 7th.

The high temperatures and dry soil were unfavorable for ton in some sections. In the northeastern portion germina- n was slow in some localities and the crop got a late start but wth has been favorable in most instances with good cultiva- n, fields being unusually clean. It was too dry for early corn nearly all sections, some damaged beyond recovery. T.A.M.

Miscellaneous

indstorms:--Calico Rock, 10th, considerable damage to buildings and timber.
elena, 10th, $1,000 damage to buildings, signs, plate glass windows and trees.
nter Point, 22d, small damage to outhouses and timber.
maged by Lightning:--Little Rock, 22d, $5,700 damage to power lines and equip- t.
eavy Hail:--Helena, 3d, no damage reported; 6th, slight damage to crops
stern part of Craighead County, 7th, $50,000 damage to crops.
ack Rock, 10th, no damage reported.
oderate Hail:--Dardanelle, 8th, no damage reported.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog																							1	1							
Light Hail		1	2			1	3	1														1	1								
Moderate Hail								1																							
Thunderstorms		9	14		2	14	16	4		22	1											24	15							9	

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29 91	30.21	24	29.35	1	6.0	20	sw	1	..	..	..	89
Fort Smith	29.88	30.10	25	29.49	1	7.6	47	nw	2	64	36	37	92
Little Rock	29.90	30.12	25	29.56	1	8.6	29	ne	10	69	44	46	90
Memphis	29.90	30.14	25	29.59	1	8.3	30	w	7	64	42	43	91

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.58	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.58	0	6	16	11	3
1912	73.1	97	42	5.88	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	106	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	108	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2 60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	8	23	5	2
Period	77.1	113	35	4.02	0	8	14	10	6

Daily River Stages for June, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Smith or	..Arkansas	22	7.6	7.4	8 5	7.5	6.8	6.5	6.8	11.5	16.1	14.8	13.3	11.8	9.9	8.7	8.0	7.5	7.1	6.8	6.7	6.3	6.0	5.7	5.4	5.3	5.2	5.2	5.0				
Buren ...			8.4	8.3	9.4	8.3	7.5	7.2	7.3	12.2	17.4	16.3	14.6	12.8	10.8	9.3	8.4	7.9	7.5	7.2	7.1	6.6	6.2	5.8	5 5	5.4	5.3	5.1	5.0	4.8	4.8	4.7	
rk	......do	22	4.3	3.3	3 4	4.3	4.2	3.8	2.4	4.1	11.0	12.2	10.5	9.0	7.2	5.2	4.0	3.5	3.1	2.7	2.5	2.4	2 3	1.7	1.3	1.3	1.2	1.0	0.9	0.8	0.7	0.6	
danelle	......do	22	6.8	7.6	6.8	7.9	7.4	6.7	6.1	6.1	8.5	14.4	14.9	12.6	11.4	9.1	8.4	7.5	6.9	6.4	6.1	5.8	5 6	5.3	5.0	4.6	4.4	4.2	4.1	4.0	3.7	3.6	
rilton	......do	20	-0.9	2.3	2.4	1.8	2.4	2.3	1.4	1.0	1.1	9.9	11.0	9.5	8.3	6.9	4.0	3.4	2.4	1.8	1.2	0.9	0.6	0.4	0.0	-0.4	-0 8	-1.0	-1.2	-1.3	-1.4	-1.6	
tle Rock	.....do	23	0.4	0.9	3.2	3.4	2.8	3.2	3.2	2.7	2.2	2.8	10.5	10.7	9.1	8.0	6.5	5.1	4.0	3.2	2.7	2.4	2 1	1.9	1.7	1.5	1.2	0.9	0.6	0.5	0.5	0.5	
e Bluff	.....do	25	3.1	3.0	3.5	6.2	6.7	6.3	6.6	6.6	6.0	5.5	8.7	14.4	14.0	12.7	11.5	10.1	8.8	7.7	6.8	6.2	5.7	5.3	4.8	4.8	4.5	4.2	3.8	3.5	3.3	3.2	
ville	.Petit Jean.	20	2.2	2.2	2.2	2 1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	2 3	1.9	1.8	1.8	1.8	1.8	1.9	1.9	
rkBeachMo	...White...	30	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	-0.8	0.0	-0.7	-0.7	-0.6	-0.7	-0.6	-0.7	-0.7	-0.7	-0 8	-0.7	-0.7	-0.7	-0.7	-0.7	-0.8	-0.8	-0.6	-0.8	
er	..do	21	3.0	2.8	2.8	2.8	3.0	3.1	3.2	3.0	3.0	2.8	3.0	3.0	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	
co Rock	.....do	18	0.4	0.3	0.0	-0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.5	0.4	0.1	0.1	0.0	-0.1	-0.2	0 0	0 1	0.1	0.0	-0.1	-0.2	-0.4	-0.5	-0.3	-0.1	-0.1	-0.4	
esville	.....do	23	5.0	5.0	4.9	4.5	4.4	4.7	4.9	4.9	4.9	4.9	4.8	4.6	4.7	4.8	4.6	4.4	4.4	4.4	4.2	4.2	4.4	4.4	4.4	4.2	4.2	4.1	3.9	3.9	4.2	4.2	
port	.....do	26	0.9	0.8	0.7	0.5	0.4	0.3	0.3	0.6	0.7	0.6	0.4	0.4	0 4	0.7	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.3	-0.3	-0.4	-0.3	
rgetown	.....do	21	1.8	1.3	1.6	1.4	1.3	1.2	0.8	0.6	0.9	1.0	1.1	1.2	1.2	1.1	1.0	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0 3	0.2	0.1	-0.1	-0.1	-0.1	-0.2	
rendon	.....do	26	9 2	9.0	8.8	8.6	8.4	8.3	8 1	8.0	7.8	7.7	7.7	7.9	8.0	8.0	8.0	7.9	7.8	7.8	7.7	7.6	7.4	7.3	7 2	7.0	6.9	6.9	6.8	6.7	6.6	6.5	
ert	Buffalo	30	3.0	3.0	3.1	3 1	2.9	2.9	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2 8	2.8	2.8	2.8	2.7	2.7	
k Rock	...Black	14	1.6	1.6	1.6	1.5	1.5	1.5	1 5	1 5	1.5	1.9	1 9	2.0	2.0	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1 2	1.2	1.2	1.2	1.1	1.1	1.1	
adelphia	.Ouachita..	17	3.5	3 7	3.6	3 8	5.0	4.0	4.0	3.9	3.8	4.1	4.2	4.2	4.1	4.1	3.9	3.6	4.0	3.8	3.9	3.7	3.7	3.7	3.4	3.8	3.6	3.4	3.3	3.3	3.4	3.6	
nden	.Ouachita..	26	4.0	3.9	3.9	3.9	3.7	3 8	3 2	3.0	3 1	3.3	3.8	3.9	4 0	3 9	3.8	4.0	3.8	3.7	3.6	3.8	3.7	3.8	3.7	4.0	4.0	3.8	3.8	3.8	3.6	3.5	
on	....Red....	25	7.8	11.0	14.3	13 8	12.0	11.0	10.2	9 5	9.0	8.8	8.5	9.6	11.6	10.5	9.7	9.1	8.8	8.5	8.1	7.9	7.7	7.5	7.0	6.5	6.4	6.2	5.9	5.7	5.5	5.3	
ena	Mississippi.	41	14.3	14.0	13.3	12.8	12.5	12.3	12.3	12.4	12.2	12.1	12.0	11.8	11.3	10.7	10.3	10.4	10.8	10.6	10.3	10.2	9.9	9.6	9.2	8.8	8.5	8.6	8.7	8.4	8.0	7.6	
ansas City	....do....	48	11 6	11.0	10.6	10.1	9.6	9.3	9.0	8.9	9.0	9.0	8.9	8.7	9.4	10.2	9.9	9.2	8.7	8.4	8.0	7.6	7.2	6.8	6.5	6.0	5.5	5.0	4.8	4.8	4.7	4.3	

Climatological Data for June, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Amity	Clark	500	41	81.6^{a}	+ 4.2	109^{b}	20	56	25	43^{b}	1.97	-2.84	1.77	0.0	2	20	9	1	e.	J. W. Campbell
Arkadelphia	Clark	200	41	......	......	......	......	......	......	......	0.44	-4.17	0.18	0.0	3	19	10	1	sw.	Mrs. Ted R. Carp
Arkansas City	Desha	145	52	......	......	......	......	......	......	......	1.49	-2.13	0.78	0.0	3	26	1	3	......	Herbert Neff
Batesville	Independence	277	37	77.2	+ 1.8	109	20	47	4†	46	1.12	-2.80	0.68	0.0	3	22	5	3	se.	Mrs. C. M. Barn
Bee Branch	Van Buren	700	44	80.2	+ 3.3	106	21	54	25	43	0.69	-3.80	0.35	0.0	5	23	5	2	s.	J. E. Scanlan
Benton	Saline	285	1	......	......	......	......	......	......	......	1.52	......	1.46	0.0	2	27	1	2	......	S. A. Burks
Bentonville	Benton	1295	31	77.9	+ 4.5	102	22	52	4	38	1.59	-3.73	1.27	0.0	4	20	7	3	sw.	U. S. Weather B
Big Lake Outlet ‡‡	Mississippi	239	6	......	......	......	......	......	......	......	1.51	......	1.07	0.0	3	26	1	3	......	C. J. Brooks
Black Rock	Lawrence	259	35	......	......	......	......	......	......	......	1.75	-2.00	0.64	0.0	3	28	1	1	s.	Vernon C. Howe
Blytheville	Mississippi	252	11	78.8	+ 1.0	105	19	52	25	39	0.59	-3.47	0.57	0.0	2	28	2	0	s.	Samuel Norris
Booneville	Logan	465	22	81.4	+ 5.2	111	22	53	14	43	1.10	-3.10	0.80	0.0	3	23	6	1	s.	F. H. Randolph
Boughton ‡‡	Nevada	200	1	......	......	......	......	......	......	......	0.70	......	0.53	0.0	2	23	4	3	......	Harry Buie
Brinkley	Monroe	205	49	82.0	+ 4.2	110	20	52	25	45	0.44	-3.29	0.24	0.0	2	25	3	2	ne.	R. J Torry
Calico Rock	Izard	361	32	81.0	+ 4.8	110	20	50	4	46	0.54	-3.04	0.22	0.0	4	25	1	4	w.	W. M. Jones
Camden	Ouachita	116	51	......	......	......	......	46	25	......	1.54	-2.67	1.26	0.0	3	24	4	2	se.	J M. Knight
Carthage	Dallas	297	31	80.0	+ 2.6	108	20	56	26	41	0.46	-3.64	0.40	0.0	2	22	8	0	s.	P. K. Wylie
Center Point	Howard	591	37	......	......	......	......	58	25†	......	1.21	-2.62	0.87	0.0	3	25	5	0	s.	John C. Floyd
Clarendon	Monroe	172	32	......	......	......	......	......	......	......	0.97	-2.62	0.51	0.0	4	23	2	5	n.	R. M. Wheatley
Clinton	Van Buren	516	15	......	......	......	......	......	......	......	0.66	-3.03	0.39	0.0	4	23	6	1	n.	A L. Stephens
Conway	Faulkner	309	53	80.4	+ 2.1	109	20	54	25	45	3.23	-0.65	2.32	0.0	4	26	3	1	s.	E. E Cordrey
Cornerstone ‡‡	Jefferson	195	25	78.6	+ 0.5	104	20	52	25	38	0.69	-3.26	0.68	0.0	2	25	5	0	s.	P. B. Hutchens
Corning	Clay	293	43	79.4	+ 3.4	113	20	51	25	44	0.70	-3.37	0.42	0.0	4	25	3	2	sw.	Winfred D. Polk
Cotter	Baxter	440	9	......	......	......	......	......	......	......	1.00	......	0.75	0.0	2	23	5	2	......	O. B. McSpadde
Crosset (near)	Ashley	175	24	79.8	+ 0.4	108	20	52	1	45	0.76	-3.16	0.76	0.0	1	27	1	2	s.	U. S. Forest Ser
Danville	Yell	327	20	......	......	......	......	......	......	......	2.15	-2.14	1.72	0.0	3	22	5	3	......	J. M. Patterson
Dardanelle	Yell	330	50	81.4	+ 3.2	107	20	55	14	40	1.92	-1.76	0.89	0.0	5	15	12	3	nw.	Geo. N. Goodier
De Queen	Sevier	426	1	80.0	......	106	20†	55	14†	42	0.55	......	0.30	0.0	2	23	7	0	ne.	E. B. Smith
Dumas	Desha	162	31	82.2	+ 2.8	110	20	54	25	43	0.57	-3.24	0.55	0.0	2	16	12	2	s.	Ben Johnson
Dutton	Madison	1590	34	72.7	+ 1.3	98	20†	44	14	44	2.29	-3.21	1.07	0.0	4	20	10	0	sw.	J. M. Ricketts
El Dorado	Union	270	36	82.8	+ 3.2	108	20	51	1	43	0.47	-3.22	0.40	0.0	3	26	3	1	w.	E. W .Gaston
England	Lonoke	229	30	......	......	......	......	56	25†	......	0.91	-2.92	0.35	0.0	3	24	4	2	s.	Dr. R. H. Hard
Eureka Springs	Carroll	1465	36	79.2	+ 4.8	103	20	54	4	35	1.84	-3.54	0.57	0.0	4	24	5	1	sw.	Geo. W. Nichoa
Fayetteville	Washington	1451	49	79.0	+ 4.6	103	20†	51	25	43	0.74	-4.00	0.38	0.0	5	22	7	1	sw.	University of Ar
Fort Smith	Sebastian	448	55	82.2	+ 4.7	106	20	61	2	33	2.39	-1.33	1.62	0.0	4	20	8	2	e	U. S. Weather
Freeman Springs ‡‡	Pope	2240	12	......	......	......	......	......	......	......	2.24	-2.66	0.82	0.0	5	25	2	3	sw.	R. J. McCuisto
Fulton	Hempstead	260	51	......	......	......	......	......	......	......	0.46	-3.70	0.34	0.0	2	23	5	2	......	T. J. Logan
Georgetown	White	200	24	......	......	......	......	......	......	......	0.75	-3.74	0.32	0.0	3	22	2	6	......	Mrs. W. R. Owe
Gilbert	Searcy	600	10	77.0	......	108	21	47	4	44	1.46	......	0.80	0.0	4	25	1	4	......	F. J. King
Glenwood	Pike	547	1	......	......	......	......	......	......	......	2.00	......	1.25	0.0	3	25	0	5	......	C. A. Price
Grannis	Polk	900	17	77.8	+ 2.4	108	20†	49	14†	48	0.27	-4.75	0.08	0.0	5	22	7	1	sw.	W. E. McVay
Gravette	Benton	1250	39	79.0^{a}	+ 5.3	106^{a}	21†	50	25	46	0.90	-4.65	0.45	0.0	4	25	3	2	s.	Max W. Schmid
Harrison	Boone	1052	36	78.7	+ 5.3	105	20	49	4	45	3.41	-0.99	1.10	0.0	5	25	3	2	sw.	Louis R. Keck
Heber Springs	Cleburne	....	1	......	......	......	......	......	......	......	1.64	......	0.80	0.0	4	20	7	3	......	R. L. Black
Helena	Phillips	300	64	79.8	+ 1.4	103	20	55	24	33	1.37	-1.99	0.98	0.0	5	24	1	5	sw.	James A. Burne
Higden	Cleburne	445	17	......	......	......	......	......	......	......	4.02	+0.05	3.18	0.0	3	24	5	1	sw.	Trumon Brown
Highland	Pike	491	17	82.2	......	108	20	62	12	31	1.25	......	1.05	0.0	2	11	19	0	sw.	J. O. Cooley
Hope	Hempstead	354	66	82.0	+ 3.0	110	20	52	1†	43	1.55	-1.97	0.85	0.0	3	28	2	0	sw.	N. P. O'Neal
Hot Springs	Garland	600	45	83.8	+ 5.6	112	20	57	14†	45	1.46	-3.19	1.26	0.0	2	12	18	0	s.	National Park
Index ‡‡	Little River	275	19	......	......	......	......	......	......	......	T.	-2.88	T	0.0	0	23	6	1	......	W. E. McDowel
Jessieville	Garland	750	10	......	......	......	......	......	......	......	0.45	......	0.45	0.0	1	14	15	1	sw	U. S Forest Se
Jonesboro	Craighead	345	41	80.6	+ 2.9	109	20	56	25†	39	0.80	-3.14	0.60	0.0	3	23	6	1	sw.	Benedictine Sis
Lead Hill	Boone	650	30	78.5	+ 3.1	107	19†	46	4	48	0.77	-4.48	0.23	0.0	5	27	2	1	sw.	J. H. Crosswhi
LITTLE ROCK	Pulaski	324	57	80.7	+ 3.3	105	20	62	25	29	3.27	-0.49	2.42	0.0	3	19	8	3	sw.	U. S. Weather
Lutherville ‡‡	Johnson	775	37	79.9	+ 3.8	107	20†	56	1	37	3.42	-1.08	1.20	0.0	7	22	6	2	se.	H. G. Lenhard
Madison	St. Francis	209	6	......	......	......	......	......	......	......	1.89	......	0.67	0.0	4	22	2	6	......	J. W. Eppes
Magnolia	Columbia	315	20	81.0^{c}	+ 1.6	105^{c}	20	57^{c}	25	58^{c}	0.27	-3.55	0.27	0.0	1	14^{c}	12^{c}	1^{c}	......	State Agri. Sch
Malvern	......	277	50	......	......	......	......	......	......	......	...	......	.	...	..	..	..	..	......	
Mammoth Spring	Fulton	600	32	78.2	+ 3.8	106	20	50	4	40	1.95	-2.37	1.51	0.0	8	22	7	1	s.	S. F. Whittaker
Marianna	Lee	235	25	80.8	+ 2.2	107	20	51	1	39	1.49	-1.98	0.80	0.0	3	23	6	1	s.	C. N. Houck
Marked Tree	Poinsett	229	32	79.8	+ 1.8	107	20	53	25	39	0.53	-2.69	0.35	0.0	2	26	4	0	s.	Charles Walton
Mena	Polk	1207	48	80.7	+ 4.1	105	22	55	14	41	0.65	-4.35	0.40	0.0	3	19	9	2	sw.	E. W. St. John
Montongo	Drew	....	1	......	......	......	......	......	......	......	2.81	......	1.60	0.0	2	23	5	2	s.	Soil Conservati
Morrilton	Conway	347	17	80.8	+ 2.2	109	20	57	25	39	1.75	-2.05	0.90	0.0	3	24	0	6	se.	Hugh B. Wear
Mountain Home	Baxter	800	24	79.4	+ 4.4	110	19	51	3†	45	1.04	-3.40	0.37	0.0	4	16	11	3	sw.	B. S. Halbert
Mount Ida	Montgomery	650	37	78.2	+ 2.2	109	20	45	14	51	0.66	-3.63	0.66	0.0	1	25	2	3	sw.	G. A. Whitting
Nail	Newton	2233	28	......	......	......	......	......	......	......	....	......	....	....	..	..	..	..	......	Charles Paxton
Newport	Jackson	231	53	79.2	+ 1.3	108	20	54	25	40	2.83	-1.09	2.14	0.0	4	24	6	0	n.	J. D. Henderso
Norman	Montgomery	750	8	......	......	......	......	......	......	......	...	......	...	....	..	..	.	..	......	U. S. Forest Se
Oden	Montgomery	800	10	......	......	......	......	......	......	......	1.45	......	1.45	0.0	1	19	11	0	sw.	U. S. Forest Se
Okay	Howard	288	8	79.6	......	109	20	50	25	46	0.09	......	0.09	0.0	1	21	8	1	s.	Charles R. Jack
Ozark	Franklin	396	41	81.4	+ 3.5	108	20	56	13†	42	1.66	-2.37	0.99	0.0	4	28	0	2	e.	Orkney O. Milt
Paragould	Greene	275	13	......	......	......	......	......	......	......	0.89	-3.17	0.71	0.0	2	26	4	0	s.	W. R. Heagler
Parkin	Cross	222	6	......	......	......	......	......	......	......	2.02	......	0.83	0.0	4	24	1	5	......	Carroll King
Patterson	Woodruff	204	20	......	......	......	......	......	......	......	1.95	-2.51	1.24	0.0	3	24	5	1	sw.	W. E. Baker
Pine Bluff	Jefferson	215	49	82.2	+ 3.0	107	20	60	25†	36	0.22	-3.70	0.14	0.0	3	24	3	3	nw.	Miss Theresa S
Pine Ridge	Montgomery	840	12	......	......	......	......	......	......	......	1.32	-3.17	0.97	0.0	3	25	5	0	sw.	J R. Huddlest
Pocahontas	Randolph	300	43	79.4	+ 2.8	109	20	51	25	44	0.75	-3.61	0.35	0.0	3	18	10	2	ne.	Benedictine Sis
Portland	Ashley	122	30	80.6	+ 1.2	106	20	55	1	41	0.21	-3.26	0.19	0.0	2	25	4	1	sw.	W. E. Edmisto
Prescott	Nevada	318	48	82.4	+ 3.6	108	20	58	25	38	0.27	-3.98	0.26	0.0	2	25	3	2	s.	Craig Williams
Rogers (near)	Benton	1300	46	78.2	+ 4.6	103	22†	51	25	40	3.39	-1.73	1.85	0.0	4	26	3	1	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	......	......	......	......	......	......	......	2.62	......	1.50	0.0	4	16	12	2	s.	Miss Clarice M
St. Charles	Arkansas	175	3	80.5	......	106	20	49	1	46	0.98	......	0.74	0.0	2	24	4	2	n.	U. S. Biological
St. Francis	Clay	290	9	......	......	......	......	......	......	......	0.08	......	0.08	0.0	1	28	0	2	......	S. T. Rooney
Searcy	White	245	26	80.0	+ 2.7	109	20	55	25	40	1.19	-2.81	0.57	0.0	4	25	2	3	sw.	Arthur D. Smit
Springbank	Miller	240	27	......	......	......	......	......	......	......	0.47	-3.19	0.36	0.0	2	25	5	0	......	Henry Field
Story	Montgomery	650	12	......	......	......	......	......	......	......	0.36	-3.27	0.36	0.0	1	26	3	1	ne.	S. C Story
Stuttgart	Arkansas	209	49	80.6	+ 2.6	108	20	55	25	41	1.21	-2.54	0.67	0.0	3	26	3	1	n.	Mrs. B. E. Swi
Subiaco	Logan	750	39	83.0	+ 5.2	110	22	57	25	41	1.44	-2.59	0.81	0.0	3	23	4	3	s.	New Subiaco A
Texarkana	Miller	332	51	82.8	+ 3.7	108	20	58	25	37	T.	-3.86	T.	0.0	0	24	4	2	s.	H. S. Brashea
Thornburg	Perry	650	16	77.1	+ 1.7	109	20	44	25	58	0.60	-4.30	0.36	0.0	2	20	8	2	sw	Edward E. Ho
Waldron	Scott	675	17	......	......	......	......	......	......	......	1.68	-2.94	1.41	0.0	3	23	5	2	sw.	Dr. Cheves Be
Warren	Bradley	206	42	81.8^{i}	+ 2.5	110^{j}	20	54^{h}	24†	44^{j}	0.79	-2.93	0.79	0.0	1	20	9	1	sw.	Miss Sue Hoyle
Whitecliffs	Little River	290	30	......	......	......	......	......	......	......	T.	-3.56	T.	0.0	0	27	2	1	......	William W. D
Wilmar (near)	Drew	....	1	......	......	......	......	......	......	......	1.38	......	1.00	0.0	2	27	0	3	sw.	Soil Conservat
Wilson	Mississippi	237	11	78.8	+ 1.9	100	19†	51	25	39	1.03	-2.28	0.73	0.0	3	29	0	1	s	D O. Anderso
Wynne	Cross	250	28	78.2	+ 0.4	106	20	51	25	40	1.88	-2.02	0.58	0.0	4	18	8	4	s	B. M. Eddins
Yancopin	Desha	167	12	......	......	......	......	......	......	......	0.70	-2.68	0.52	0.0	3	23	2	5	......	W. E. Barton
State Means				80.0	+ 2.9	113	20	44	14†	58	1.26	-2.76	3.18	0.0	3	23	5	2	sw.	

Daily Precipitation for June, 1936

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity ‖‖	Ouachita										1.77												.20										1.97
Arkadelphia ‖‖	Ouachita				.10						.16													.18									0.44
Arkansas City ‖‖	Mississippi				.78							T.												.49	.22								1.49
Batesville ‖‖	White							.19	.25			.68																					1.12
Bee Branch	Arkansas			.04				.09	.10		.11													.35									0.69
Benton ‖‖	Saline											1.46												.06									1.52
Bentonville ***	Arkansas		T.			.63	.64				.19																				.13		1.59
Big Lake Outlet ‖‖	St. Francis						.06		1.07			.38												T									1.51
Black Rock ‖‖	White							T.	.64			.53												.58									1.75
Blytheville ‖‖	St Francis						T.		.02			.57												T									0.59
Booneville	Arkansas						.25	.05																.80									1.10
Boughton ‖‖	Ouachita				.53							T.												.17									0.70
Brinkley	White								.20															.24									0.44
Calico Rock ‖‖	White			T.				.10	.14			.22												.08									0.54
Camden ‖‖	Ouachita				.15																			1.26	.13								1.54
Carthage	Ouachita			T.							.06													.40									0.46
Center Point	Red			.32																				.87							.02		1.21
Clarendon ‖‖	White							.25	.18			.03												.51									0.97
Clinton	White		.02					.39			.03													.22									0.66
Conway	Arkansas							2.32	.38		.45													.08									3.23
Cornerstone	Arkansas			T.			T.				.01													.68									0.69
Corning ‖‖	White							.17	.10			.42												.01									0.70
Cotter ‖‖	White							.75				.25												T.									1.00
Crossett [near]	Ouachita																							.76									0.76
Danville ‖‖	Arkansas						.08	.35																1.72									2.15
Dardanelle ‖‖	Arkansas			.02			.06	.20	.89															.75									1.92
De Queen	Red			.25																				.30									0.55
Dumas	Mississippi			.02				T.																.55									0.57
Dutton	White		.91						1.07		.13													T.							.18		2.29
El Dorado ‖‖	Ouachita			T.	.03							.04												.40	T.								0.47
England	Arkansas							.23	.33		T.													.35									0.91
Eureka Springs	White						.57	.15			.55																				.57		1.84
Fayetteville	White			T.		.02	.02	.28	T.		.38																				.04		0.74
Fort Smith ***	Arkansas		1.62			T.	.09	.35															.33										2.39
Freeman Sprgs ‖‖	Arkansas			.82				.51	.30			.35												.26									2.24
Fulton ‖‖	Red				.34							T.												.12									0.46
Georgetown ‖‖	White							.18	T.			.32												.25									0.75
Gilbert ‖‖	White						.02	.40				.24												.80									1.46
Glenwood ‖‖	Ouachita	.45																						1.25							.30		2.00
Grannis	Red		.08	.01			.07				.04													.07									0.27
Gravette ‖‖	Arkansas					.13	.45	.21				.11																					0.90
Harrison	White						.06	.69			.70												.86								1.10		3.41
Heber Springs ‖‖	White							.04	.80			.19												.61									1.64
Helena ‖‖	Mississippi				.18			.10			.03													.98	.08								1.37
Higden	White							3.18			.37													.47									4.02
Highland	Ouachita																							1.05							.20		1.25
Hope	Red				.49						.21													.85									1.55
Hot Springs	Ouachita										1.26												T	.20									1.46
Index ‖‖	Red																							T.									T.
Jessieville ‖‖	Ouachita											T.												.45									0.45
Jonesboro ‖‖	White							T.	.60			.05												.15									0.80
Lead Hill	White						.23	.02			.18												.14								.20		0.77
Little Rock ***	Arkansas							2.42			.31	T											.54										3.27
Lutherville	Arkansas			.20			.08	.76	1.20		.18												.75	.25									3.42
Madison ‖‖	St. Francis							.43	.32			.67												.47	T						T.		1.89
Magnolia	Red										.27																						0.27
Mammoth Spg ‖‖	White						.04	.40				1.51																					1.95
Marianna	St. Francis							.80			.36													.33									1.49
Marked Tree ‖‖	St. Francis						T.	T.				.18												.35									0.53
Mena ‖‖	Ouachita			.18			.40																	.07									0.65
Montongo	Ouachita			1.21																				1.60									2.81
Morrilton ‖‖	Arkansas	T.						.90	.65			.20																					1.75
Mountain Home	White						.04	.30			.37												.33										1.04
Mount Ida	Ouachita																							.66									0.66
Nail	White																																
Newport ‖‖	White							.35	2.14			.31												.03									2.83
Norman ‖‖	Ouachita																																
Oden ‖‖	Ouachita																							1.45									1.45
Okay	Red																							.09									0.09
Ozark ‖‖	Arkansas			.25			.05	.99	T.			T.												.37									1.66
Paragould ‖‖	St. Francis								.71			.18																					0.89
Parkin ‖‖	St. Francis							.61	.18			.83												.40									2.02
Patterson	White							1.24			.31													.40									1.95
Pine Bluff ‖‖	Arkansas				.06				T.			.02												.14									0.22
Pine Ridge ‖‖	Ouachita			.14				.21																.97									1.32
Pocahontas	White							.20			.35																				.20		0.75
Portland ‖‖	Ouachita				.02																			.19									0.21
Prescott ‖‖	Ouachita				T							.01												.26									0.27
Rogers (near)	White			.17				1.01			1.85																				.36		3.39
Rosebud	Arkansas						.60	1.50			.35													.17									2.62
St. Charles ‖‖	White							.24																.74									0.98
St. Francis ‖‖	St. Francis							.08																T.									0.08
Searcy	White							.57	.02		.05													.55									1.19
Springbank ‖‖	Red			T.	.11																			T.	.36								0.47
Story ‖‖	Ouachita																							.36									0.36
Stuttgart ‖‖	Arkansas				T.			.67	.05			T.												.49									1.21
Subiaco	Arkansas			T.			.22	.41	T.															.81									1.44
Texarkana ‖‖	Red				T.																												T.
Thornburg	Arkansas						T.	T.	.24		.36													T.									0.60
Waldron	Arkansas						.24				.03													1.41									1.68
Warren	Ouachita			T.																				.79									0.79
Whitecliffs ‖‖	Red																							T.							T.		T.
Wilmar (near)	Ouachita			.38																				1.00									1.38
Wilson ‖‖	Mississippi			.10					.73		.20																						1.03
Wynne ‖‖	St. Francis							.38	.58		.39													.53									1.88
Yancopin ‖‖	Arkansas				.52				.03															.15									0.70

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2, Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for the period to 1935, inclusive.

Daily temperatures for June, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	..	..	96	90	93	92	96	98	100	100	81	88	91	96	97	100	96	99	104	109	108	108	92	93	96	100	100	102	98	99		97.2
	Minimum	63	67	70	64	60	72	71	70	67	67	67	63	61	60	60	65	66	67	64	71	79	74	69	62	56	57	59	68	75	75		66.0
Batesville	Maximum	87	88	84	84	87	96	89	92	94	92	77	84	87	91	98	98	98	103	104	109	102	93	84	88	93	96	100	104	101	99		93.4
	Minimum	59	69	62	47	51	60	66	65	64	66	62	52	50	51	53	56	61	63	71	79	70	63	64	49	47	50	57	70	72	79		60.9
Bee Branch	Maximum	88	88	87	83	88	97	97	95	96	97	80	83	87	90	98	100	102	103	104	105	106	100	94	87	92	98	100	102	103	103		95.1
	Minimum	60	65	66	56	62	67	65	65	65	66	66	59	58	57	59	67	66	69	71	75	80	74	66	58	54	55	61	74	77	72		65.2
Bentonville ***	Maximum	86	92	79	82	87	87	89	92	94	79	78	80	84	89	94	98	97	99	100	100	101	102	84	85	92	96	99	100	98	93		91.2
	Minimum	66	69	61	52	61	61	63	68	65	64	62	56	53	56	59	67	72	68	75	69	72	75	66	57	54	63	65	74	76	70		64.6
Blytheville	Maximum	89	93	83	84	89	97	93	92	97	96	82	82	89	93	98	97	99	101	105	101	101	87	75	78	91	97	98	104	100	94		92.8
	Minimum	60	68	70	55	55	64	66	64	69	69	67	57	54	58	59	62	66	70	73	75	72	69	62	56	52	58	66	71	77	76		64.7
Booneville	Maximum	90	91	89	88	94	93	97	99	102	94	82	87	92	95	100	104	103	107	107	107	107	111	97	88	93	99	102	104	99	100		97.4
	Minimum	62	71	64	59	65	65	66	66	63	70	68	60	56	53	57	64	67	68	71	70	75	74	70	63	56	60	62	71	74	75		65.5
Brinkley	Maximum	91	92	89	88	90	99	91	100	100	100	96	89	91	95	101	102	101	103	105	110	106	100	91	89	94	99	101	104	102	101		97.3
	Minimum	61	65	72	60	69	60	66	65	68	69	72	59	60	59	58	64	67	74	70	76	89	72	68	56	52	54	70	75	75	76		66.7
Calico Rock	Maximum	93	97	85	90	93	101	95	99	102	91	83	87	90	94	102	104	105	107	109	110	104	94	89	90	98	103	105	108	105	104		97.9
	Minimum	62	72	61	50	59	70	62	62	67	68	61	54	53	53	56	62	67	66	75	73	76	72	67	55	52	59	61	73	75	82		64.2
Carthage	Maximum	88	85	94	87	91	93	95	96	97	97	87	87	91	96	99	102	100	100	102	108	104	103	97	87	92	97	98	101	99	99		95.7
	Minimum	57	64	70	61	59	67	71	61	62	68	59	61	57	60	59	61	65	70	62	68	75	68	68	59	59	56	62	71	73	74		64.2
Conway	Maximum	89	88	87	87	91	98	92	94	95	91	80	85	90	93	97	99	100	102	104	109	103	102	89	90	94	100	101	105	103	103		95.4
	Minimum	63	64	68	58	60	68	66	65	67	68	67	60	57	58	59	65	67	69	70	73	76	72	69	58	54	55	65	71	71	76		65.3
Cornerstone	Maximum	83	90	83	86	93	89	95	91	97	94	76	85	90	94	90	95	98	91	102	104	98	102	89	82	81	93	94	95	99	98		91.9
	Minimum	58	66	72	63	58	65	72	63	63	68	64	59	58	59	56	62	68	75	64	73	75	69	68	59	52	56	66	72	75	77		65.2
Corning	Maximum	91	95	84	86	92	99	91	96	100	90	83	84	90	95	102	101	104	104	109	113	99	93	86	89	94	98	98	105	100	102		95.8
	Minimum	62	68	65	52	55	62	63	63	69	67	66	55	53	56	58	57	62	67	72	74	75	67	61	52	51	54	65	71	75	74		63.0
Crossett	Maximum	87	89	91	87	93	94	94	96	96	98	88	90	95	98	100	102	104	100	102	108	107	103	102	85	90	91	100	102	99	100		96.4
	Minimum	52	61	68	59	60	66	63	66	63	64	64	64	62	62	56	59	64	65	62	66	73	67	68	62	54	55	55	70	73	69		63.1
Dardanelle	Maximum	90	91	87	87	92	97	94	95	97	94	90	87	92	95	97	100	101	103	104	107	105	103	91	89	92	98	99	102	100	99		95.9
	Minimum	67	69	66	57	65	68	66	67	69	71	67	61	56	55	59	66	69	69	73	75	79	74	69	61	57	59	65	74	75	77		66.8
De Queen	Maximum	87	88	94	89	91	90	94	94	96	97	85	88	91	97	98	98	95	98	100	106	106	102	96	90	92	96	99	100	98	97		95.1
	Minimum	60	64	67	66	64	67	70	65	63	67	67	62	68	55	57	61	58	66	63	66	77	72	70	62	55	56	61	70	72	76		64.9
Dumas	Maximum	93	96	97	89	90	100	96	101	102	100	88	90	95	98	102	104	102	103	106	110	101	106	90	87	93	101	102	105	104	102		98.4
	Minimum	57	64	73	61	58	58	72	67	68	68	65	62	62	60	59	65	70	74	66	75	74	71	68	59	54	58	67	75	77	72		66.0
Dutton	Maximum	83	87	78	80	81	86	88	86	88	75	76	80	84	87	91	92	94	95	95	98	98	98	80	86	87	91	95	97	95	93		88.1
	Minimum	57	60	55	46	56	64	62	60	57	64	63	50	46	44	49	57	59	57	64	60	63	65	63	47	45	47	56	65	67	70		57.3
El Dorado	Maximum	90	89	95	90	96	97	97	99	99	99	89	90	93	99	101	104	102	102	104	108	106	106	99	90	95	99	101	103	101	101		98.1
	Minimum	51	66	74	54	60	73	72	73	68	71	65	64	63	64	61	61	71	73	70	72	72	73	70	63	57	60	71	77	78	75		67.4
Eureka Springs	Maximum	85	91	80	84	87	86	89	91	93	88	78	82	86	90	95	97	98	100	100	103	102	102	86	88	92	96	99	101	98	95		92.1
	Minimum	67	69	60	54	63	61	63	67	67	63	64	55	55	58	60	58	73	73	77	74	75	72	65	58	60	68	72	77	78	71		66.2
Fayetteville	Maximum	87	92	80	85	86	89	92	93	95	94	79	81	86	89	94	95	99	101	101	103	102	103	102	86	94	96	100	101	99	96		93.4
	Minimum	64	70	61	52	63	66	65	65	69	65	64	57	52	52	55	64	69	66	75	69	71	74	66	57	51	66	68	76	75	75		64.7
Fort Smith***	Maximum	88	93	85	84	90	92	94	97	99	89	82	86	89	95	97	101	99	103	104	106	105	106	86	89	93	96	100	102	99	97		94.9
	Minimum	66	61	66	62	67	67	67	70	70	74	69	64	63	62	64	70	73	74	79	75	80	73	70	65	62	66	69	79	80	76		69.4
Gilbert	Maximum	90	91	93	84	85	89	96	94	99	97	89	84	85	88	92	98	98	101	103	105	108	105	96	90	88	95	94	100	103	100		94.7
	Minimum	58	65	61	47	55	63	65	62	66	63	63	54	51	48	52	61	62	60	66	66	64	62	66	55	50	52	50	63	63	69		59.4
Gravette.§§	Maximum	88	97	83	87	88	88	92	96	98	77	81	85	89	94	98	102	100	104	104	102	106	106	89	90	96	100	103	104	102	.		94.8
	Minimum	62	67	60	54	59	62	62	65	64	70	62	56	51	55	56	64	70	65	72	66	68	73	65	58	50	57	63	70	74	76		63.2
Harrison	Maximum	90	98	84	84	91	94	95	97	101	88	80	85	87	96	98	99	100	102	102	105	100	101	87	87	93	98	102	104	102	101		95.0
	Minimum	61	69	62	49	59	64	62	62	64	65	65	54	51	51	56	62	67	64	72	70	72	67	65	55	53	60	64	64	72	72		62.4
Helena	Maximum	87	88	89	84	88	93	88	93	96	96	83	85	89	92	95	96	100	100	102	103	97	99	88	83	87	94	94	98	96	93		92.5
	Minimum	62	65	67	58	63	70	65	68	69	68	63	61	64	65	65	70	71	74	70	73	76	72	66	55	58	60	70	73	75	75		67.0
Highland	Maximum	87	86	95	87	90	91	96	95	97	99	85	86	91	91	96	100	98	97	102	108	106	103	93	97	95	96	100	98	97	98		95.3
	Minimum	64	64	64	65	66	71	71	66	68	68	66	62	65	66	70	74	69	71	76	83	78	77	64	69	64	65	70	72	72	73		69.1
Hope	Maximum	90	92	96	89	95	94	98	99	101	99	88	89	90	92	99	104	103	103	105	110	106	107	100	90	98	100	104	104	101	103		98.3
	Minimum	52	52	75	65	60	71	71	69	68	66	65	63	60	58	56	61	65	67	65	69	81	70	69	61	55	57	75	76	77	75		65.8
Hot Springs	Maximum	93	88	91	94	95	96	102	105	104	98	80	91	96	98	105	107	104	108	110	112	107	108	95	92	100	101	106	108	104	104		100.1
	Minimum	64	65	70	67	60	70	72	69	69	67	67	62	59	57	60	65	70	70	70	75	81	74	68	59	57	58	71	75	75	77		67.4
Jonesboro	Maximum	88	92	87	85	92	96	91	93	95	91	80	85	89	93	97	97	98	100	104	109	100	96	84	87	92	95	99	104	100	99		93.9
	Minimum	66	69	68	57	61	66	67	64	71	68	67	57	61	63	65	65	65	74	79	79	79	72	62	59	56	56	71	76	79	78		67.3
Lead Hill	Maximum	92	99	85	87	89	95	95	98	102	88	82	87	88	94	101	99	103	106	107	107	102	95	87	90	96	99	104	107	107	103		96.5
	Minimum	58	69	61	46	56	63	64	64	61	67	66	49	47	48	53	59	67	60	68	67	68	66	65	53	49	56	56	66	72	71		60.5
Little Rock.* **	Maximum	86	83	85	83	90	94	90	95	96	91	78	82	87	90	94	99	97	99	101	105	100	99	75	85	88	91	96	100	97	97		91.9
	Minimum	64	67	71	65	64	73	64	69	71	67	69	64	67	64	67	75	71	73	74	78	82	70	67	64	62	65	70	75	77	77		69.5
Lutherville	Maximum	88	90	83	86	87	94	91	94	95	85	79	84	87	91	98	99	98	102	103	107	106	107	78	88	90	96	98	101	100	102		93.6
	Minimum	56	68	63	58	64	66	65	66	67	65	65	60	62	59	63	69	68	71	75	75	74	70	67	60	58	62	65	73	75	78		66.2
Magnolia	Maximum	87	88	92	93	92	92	93	93	94	96	86	88	93	95	96	98	..	..	99	105	104	..	101	92	90	95	96	98	99	98		94.6
	Minimum	62	66	74	75	62	71	71	71	68	68	66	65	64	67	58	63	..	..	64	67	80	..	68	63	57	60	69	74	76	74		67.5
Mammoth Spring.	Maximum	90	92	89	89	91	96	93	94	97	97	79	83	83	90	97	95	100	102	103	106	100	90	88	87	90	95	99	104	102	99		94.0
	Minimum	58	67	51	50	51	62	67	63	68	61	64	55	57	55	62	59	64	68	71	73	71	69	63	54	52	56	67	70	74	70		62.4
Marianna	Maximum	90	90	88	88	91	97	95	95	98	96	82	87	91	91	91	100	100	103	105	107	101	99	89	86	90	96	98	102	99	97		94.7
	Minimum	51	69	75	61	61	64	67	67	72	69	67	62	62	60	60	66	70	74	72	79	74	75	68	58	55	58	69	73	77	76		67.0
Marked Tree§§	Maximum	86	92	86	87	92	96	88	95	97	95	82	87	90	94	97	96	100	101	104	107	101	91	79	86	91	96	98	102	100	100		93.9
	Minimum	68	62	70	58	59	63	67	64	69	69	68	59	60	56	58	62	64	74	75	78	75	73	63	56	53	57	68	74	76	76		65.8
Mena	Maximum	87	87	88	88	90	86	93	94	97	94	80	86	92	94	99	101	98	101	103	104	104	105	91	88	95	99	101	103	100	103		95.0
	Minimum	61	68	66	64	64	63	69	69	68	71	68	63	60	55	59	64	67	73	70	68	78	73	70	58	56	58	68	72	74	74		66.4
Morrilton	Maximum	87	87	86	87	90	96	92	93	95	91	82	86	91	93	100	99	101	102	105	109	103	101	86	87	90	99	102	104	100	100		94.8
	Minimum	63	65	60	59	63	65	65	65	67	69	69	62	60	59	61	66	70	74	73	79	78	78	69	61	57	60	60	75	75	77		66.8
Mountain Home	Maximum	91	87	83	87	90	97	94	97	102	83	89	85	88	92	100	101	101	105	110	109	102	91	86	89	96	100	104	107	105	102		95.9
	Minimum	61	65	51	60	65	64	64	65	65	65	63	55	51	52	55	61	65	65	70	76	76	68	64	57	52	57	59	68	75	71		62.8
Mt. Ida	Maximum	88	87	93	87	90	93	96	98	100	98	81	89	93	97	100	103	98	102	105	109	108	107	87	88	94	97	98	101	99	99		96.2
	Minimum	57	70	63	56	53	65	67	67	58	62	66	53	48	45	49	56	57	68	62	62	68	66	66	57	48	50	56	66	68	77		60.2
Newport	Maximum	88	91	86	86	90	97	86	91	92	92	77	82	87	90	98	96	100	103	103	108	100	92	83	87	90	95	98	104	100	99		93.0
	Minimum	63	69	69	59	58	63	67	65	70	68	68	59	58	59	61	63	66	70	73	74	76	71	64	56	54	55	65	70	75	77		65.5
Okay	Maximum	92	95	97	92	102	98	96	96	99	99	88	92	94	96	98	100	98	99	102	109	106	104	100	94	93	97	100	101	99	99		97.8
	Minimum	53	58	63	61	65	60	61	65	61	63	65	60	55	52	52	57	58	63	59	63	72	71	57	59	50	52	61	72	72	76		61.5
Ozark	Maximum	90	92	86	86	90	95	95	97	98	91	81	80	90	92	98	101	103	105	105	108	105	107	101	89	94	100	104	105	105	102		96.5
	Minimum	63	63	64	57	65	67	67	67	65	72	65	60	56	56	60	67	69	69	72	73	78	87	70	62	57	60	62	70	73	74		66.3
Pine Bluff	Maximum	88	86	91	86	91	94	94	94	96	96	82	86	90	93	96	99	99	98	101	107	102	102	93	86	89	96	97	100	98	98		94.3
	Minimum	65	67	73	65	63	71	73	70	69	73	68	68	64	65	64	68	73	75	71	80	80	76	70	63	60	60	73	77	79	78		70.0
Pocahontas	Maximum	89	91	86	86	90	96	94	95	97	95	82	86	91	93	99	99	102	103	105	109	107	95	88	90	93	96	102	106	103	102		95.7
	Minimum	58	65	63	55	56	62	65	61	67	65	66	55	56	60	58	61	61	65	70	75	77	68	61	59	51	52	60	73	75	75		63.2
Portland	Maximum	90	93	92	88	94	97	95	97	98	98	89	90	94	96	99	101	101	99	102	106	99	101	91	86	90	98	99	102	101	101		96.2
	Minimum	55	58	67	63	59	65	65	68	65	67	68	64	65	65	64	62	68	70	65	69	74	69	67	63	56	57	65	70	64	69		64.9
Prescott	Maximum	90	88	96	91	94	93	97	97	98	98	86	89	93	96	98	102	101	100	102	108	105	104	101	89	92	97	98	101	100	100		96.8
	Minimum	62	66	72	65	60	73	73	71	67	70	67	64	63	64	60	65	70	71	67	73	82	74	69	63	58	59	68	75	76	76		68.1
St. Charles§§	Maximum	87	89	90	87	90	95	89	91	96	96	82	88	93	94	98	98	100	100	104	106	98	100	80	84	102	101	96	98	98	96		94.2
	Minimum	49	67	71	61	59	64	66	66	67	70	66	61	64	60	65	66	68	75	68	76	77	72	68	59	56	70	69	78	69	78		66.8
Searcy	Maximum	90	90	86	87	91	98	90	95	96	93	80	86	90	93	99	99	100	101	104	109	102	95	80	89	91	96	99	103	100	100		94.4
	Minimum	60	64	70	59	63	65	66	65	67	69	67	58	60	60	60	64	67	68	72	74	79	72	67	59	55	56	65	71	74	75		65.7
Stuttgart	Maximum	89	90	91	87	92	96	93	96	97	97	83	87	91	95	98	100	101	103	104	108	104	103	89	88	92	98	100	104	102	100		95.9
	Minimum	59	64	70	61	63	66	64	65	67	69	64	59	61	59	60	66	69	71	67	70	70	72	67	59	55	57	66	70	73	75		65.3
Texarkana	Maximum	87	87	94	88	91	90	94	94	95	98	90	90	94	97	98	100	98	97	101	108	107	105	102	91	95	97	99	100	98	99		96.1
	Minimum	65	66	69	67	65	70	72	73	72	74	69	70	71	65	67	65	67	72	66	71	79	79	73	64	58	61	70	76	77	76		69.6
Thornburg	Maximum	89	86	88	88	92	92	92	98	100	93	79	86	92	103	100	103	100	103	96	109	105	105	83	85	96	98	100	101	101	100		95.4
	Minimum	52	68	68	50	52	52	64	59	62	62	64	51	45	45	45	52	57	65	68	68	66	65	67	47	44	48	62	75	65	75		58.8
Wilson	Maximum	88	90	89	83	89	91	90	91	91	92	78	83	87	90	94	96	99	96	100	100	100	96	85	84	90	94	96	98	99	97		91.9
	Minimum	64	68	70	58	58	65	65	64	71	71	67	58	57	59	58	58	64	72	75	76	76	71	64	56	51	56	69	74	75	77		65.6
Wynne	Maximum	89	87	87	87	92	98	94	93	98	92	80	86	82	85	87	86	90	101	103	106	99	98	84	88	91	94	93	103	97	99		92.3
	Minimum	61	65	70	54	61	62	65	64	69	69	63	55	59	55	56	63	65	71	70	72	74	73	63	52	51	55	65	72	73	72		64.0

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day.

Weather Bureau Office, Little Rock, Ark 7-27-36-120

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLI   Little Rock, Ark., July, 1936   No. 7

Price: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

Temperatures were nearly continuously above normal in the northwestern portion of the State during July, with a number of stations reporting the highest on record on the 18th. The average temperature for the State, based on the reports of 55 stations, was 83.3° which is 2.8° above the 46-year mean. The highest temperature recorded was 114° at Booneville and Gravette on the 18th; the lowest, 42° at Lead Hill on the 31st.

Rainfall was heavy to excessive in most eastern and southern portions the first of the month, but very light in the extreme northwestern portion. Showers occurred later in the month at most stations but were very light in the northwestern portion. The average precipitation for the State for the 93 stations reporting was 4.90 inches which is 1.10 inches above the 46-year mean. Monthly amounts ranged from 0.04 inch at Rogers to 14.16 inches at Pine Bluff. Rainfall was generally above normal in eastern and southern sections but seriously deficient in the northwest. The greatest amount measured in any 24-hour period was 7.34 inches at Cornerstone on the 2d.

The steady soaking rains the first of the month were very beneficial to all crops. Though amounts of 9.00 inches or more occurred at a few places in the eastern portion, little damage resulted. Early corn which had been badly damaged by the dry weather in June revived and improved rapidly. Cotton made excellent progress in most sections and was in good to excellent condition at the close of the month except in west-central sections and along the eastern slope of the Ozarks. Meadows, pastures, and truck crops were in excellent condition the last of the month except in the northwestern portion.

Tornadoes:---Bentonville (near), 15th, 3:30 p. m,, path narrow, barns and brooder houses wrecked, damage $2,000 Subiaco (near), 13th, 5:45 p. m., from w, path about 300 feet wide, $6,000 damage to buildings and $1,000 to crops.

Windstorms:---Arkansas City, 1st, $500 damage. Armorel, Barfield and vicinities, 13th, $500 damage. Cotton Plant and vicinity, 18th, $1,500 damage. Alicia and vicinity, 20th, $10,000 loss to crops and buildings. Wiseman, 20th, loss $800. Conway, 21st, several thousand dollars damage to buildings and contents.

Damage from heavy rain:---Little Rock, 21st, $50,000 damage.

Damage from lightning:-.Lock Rock and vicinity, 20th and 21st, building and power equipment damaged, loss $7,000. Mt. Pleasant, 20th, barn and garage with contents burned, loss $2,000.

Killed by lightning:---Near Mt. Vernon, 10th, one; near Van Buren, 14th, one: Marshall, 17th, one: El Paso, 20th, one.

Heavy Hail:---Jonesboro, (about 8 miles south of), 21st, hailstorm accompanied by high wind, loss $20,000. On Highway No. 10, Perry-Pulaski County line, $10,000 damage to crops, fruit trees and buildings.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	1			2			1																								
Light Hail							1									1			2	2	1	1									
Moderate Hail																															
Thunderstorms	16	5	2	4	5	6		3	6	12	2	6	8	14	5	9	8	21	20	28	19	16						1	5		

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29.95	30.28	31	29.79	18	6.2	25	n	18	..	..	..	88
Fort Smith	29.92	30.20	31	29.66	19	7.5	30	n	19	72	39	38	85
Little Rock	29.95	30.20	6	29.69	20	7.9	30	e	20	83	58	60	80
Memphis	29.95	30.22	6	29.71	19	7.7	27	nw	20	81	63	64	79

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79.6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2.31	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
Period	80.5	116	40	3.80	0	7	15	11	5

Daily River Stages for July, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	Arkansas	22					7.2	7.2	6.2	5.5	5.0																						
Van Buren			4.6	4.5	4.4	4.3	6.9	7.8	6.5	5.8	5.3	4.9	4.5	4.4	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.4	4.3	4.2	3.8	3.5	3.4	3.3	3.3	3.2
Ozark	do	22	0.5	0.4	0.4	0.3	0.3	2.8	2.8	1.9	1.4	1.0	0.7	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1
Dardanelle	do	22	3.5	3.6	3.4	3.3	3.1	3.1	5.8	6.0	5.2	4.5	4.0	3.6	3.4	3.2	3.1	3.0	2.9	2.8	2.6	2.6	2.5	2.6	2.5	2.3	2.2	2.7	2.9	2.7	2.5	2.3	2.2
Morrilton	do	20	-1.8	-1.7	-1.7	-2.0	-2.0	-2.2	-2.1	0.9	0.6	-0.4	-0.9	-1.4	-1.8	-2.0	-2.2	-2.3	-2.6	-2.5	-2.6	-2.7	-2.8	-2.6	-2.8	-2.9	-3.0	-2.6	-2.7	-2.4	-2.8	-3.0	-3.1
Little Rock	do	23	0.5	0.6	0.2	0.2	0.1	0.0	-0.2	-0.1	2.0	1.8	1.2	0.7	0.4	0.0	-0.1	-0.3	-0.4	-0.5	-0.5	-0.6	-0.3	0.2	0.4	-0.3	-0.6	-0.8	-0.9	-0.8	-0.6	-0.7	-0.9
Pine Bluff	do	25	3.0	3.2	3.2	3.0	2.9	2.7	2.7	2.5	2.5	4.7	4.8	4.1	3.5	3.1	2.7	2.4	2.2	2.0	1.9	1.8	1.9	2.2	2.5	3.0	2.5	1.6	1.5	1.4	1.4	1.4	1.4
Danville	Petit Jean	20	1.9	3.4	3.9	2.4	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.7	2.4	1.7	1.4	1.4	1.4	1.3	1.6	1.6	1.6	1.5	1.5
Ozark Beach Mo	White	30	1.4	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	-0.8	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
Cotter	do	21	2.8	2.8	3.6	3.3	3.0	3.0	2.7	2.6	2.5	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.1	3.0	3.0	2.9	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6
Calico Rock	do	18	-0.4	-0.3	-0.2	1.2	0.5	0.2	-0.2	-0.4	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.5	-0.5	-0.7	-0.7	-0.5	-0.3	0.6	-0.5	-0.7	-0.7	-0.8	-0.8	-0.9	-0.9	-1.0	-1.0	-1.0
Batesville	do	23	4.4	4.4	4.4	5.0	5.4	4.9	4.6	4.4	4.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.7	3.8	3.9	4.1	4.1	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4
Newport	do	26	-0.3	-0.1	0.3	0.4	0.2	0.7	0.4	0.2	0.0	-0.3	-0.4	-0.5	-0.6	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.3	-0.3	-0.5	-0.6	-0.7	-0.9	-0.9	-0.9	-1.0
Georgetown	do	21	-0.3	-0.1	1.0	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.5	0.3	0.1	-0.3	-0.5	-0.3	-0.3	-0.5	-0.5	-0.3	-0.3	-0.3	-0.4	-0.3	-0.3	-0.3	-0.3	-0.5	-0.5	-0.6	-0.7
Clarendon	do	26	6.4	6.6	8.9	9.6	9.4	9.2	9.1	9.0	8.9	8.6	8.4	8.0	7.7	7.4	7.2	7.0	6.8	6.6	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.1	6.0	5.8	5.7
Gilbert	Buffalo	30	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
Black Rock	Black	14	1.4	2.0	1.8	1.7	1.5	1.4	1.4	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.3	1.1	1.0	1.0	1.2	1.8	1.3	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9
Arkadelphia	Ouachita	17	3.5	4.1	4.6	5.5	4.7	4.3	4.0	4.0	3.8	3.8	3.7	3.7	3.5	3.7	3.6	3.8	3.6	3.8	4.0	3.6	3.5	4.1	3.8	3.8	3.6	3.6	3.5	3.4	3.9	3.7	3.8
Camden	Ouachita	26	3.6	3.8	4.0	4.2	5.6	5.3	4.4	4.4	4.4	4.6	4.5	4.3	1.3	4.1	4.0	4.0	3.9	4.0	3.9	3.9	4.0	4.1	4.2	4.8	5.4	4.8	4.5	4.0	3.9	3.8	3.7
Fulton	Red	25	5.1	5.1	5.2	5.5	6.2	5.8	5.5	5.2	5.1	5.0	5.0	4.9	4.8	4.6	4.6	4.5	4.3	4.2	4.1	4.0	4.0	4.2	4.4	4.3	4.2	4.0	3.9	3.8	4.0	3.9	3.8
Helena	Mississippi	41	7.2	7.0	7.4	7.7	7.7	7.8	7.5	6.9	7.1	8.2	9.8	11.0	11.3	10.7	9.4	8.2	7.5	6.9	6.2	5.3	5.1	5.3	5.4	5.4	5.6	5.8	5.5	5.0	4.8	4.8	4.4
Arkansas City	do	48	3.9	3.7	3.5	4.0	4.4	4.5	4.5	4.3	3.9	3.6	4.0	5.2	6.5	7.1	7.0	6.1	5.0	4.0	3.3	2.5	1.9	1.3	1.1	1.1	1.1	1.2	1.4	1.2	0.9	0.5	0.1

Climatological Data for July, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	83.7	+2.7	105	29	65	31	33	3.37	+0.12	2.74	0.0	4	6	22	3	s.	J. W. Campbell
Arkadelphia	Clark	200	41	....	....	....	....	....	....	....	2.68	−1.01	2.00	0.0	9	9	18	4	s.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	52	....	....	....	....	....	....	....	5.39	+1.75	1.52	0.0	8	18	2	11	....	Herbert Neff
Batesville	Independence	277	37	82.4	+2.6	106	13†	56	31	37	3.98	+0.16	1.30	0.0	6	17	10	4	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	83.1	+2.5	104	18	65	28†	37	4.75	+1.34	2.25	0.0	7	15	14	2	s.	J. E. Scanlan
Benton	Saline	285	1	....	....	....	....	....	....	....	2.27	....	1.36	0.0	7	18	4	9	....	S. A. Burks
Bentonville	Benton	1295	31	84.5	+7.1	111	18	56	31	34	0.18	−3.52	0.09	0.0	5	11	18	2	sw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	6	....	....	....	....	....	....	....	5.91	....	2.98	0.0	8	22	4	5	....	C. J. Brooks
Black Rock	Lawrence	259	35	....	....	....	....	....	....	....	5.43	+1.69	1.86	0.0	7	25	1	5	w.	Vernon C. Howe
Blytheville	Mississippi	252	11	81.6	−0.4	102	13	54	31	31	6.14	+2.92	4.68	0.0	5	23	7	1	s.	Samuel Norris
Booneville	Logan	465	22	85.6	+3.6	114	18	65	3	38	1.88	−1.67	0.81	0.0	6	18	9	4	s.	F. H. Randolph
Boughton ‡‡	Nevada	200	1	....	....	....	....	....	....	....	4.94	....	1.59	0.0	10	12	6	13	....	Harry Buie
Brinkley	Monroe	205	49	82.8	+1.7	101	13	60	31	30	9.28	+5.00	4.83	0.0	6	20	2	9	sw.	R. J. Torry
Calico Rock	Izard	361	32	85.8	+5.2	111	15	56	31	37	3.45	+0.51	0.90	0.0	8	18	7	6	sw.	W. M. Jones
Camden	Ouachita	116	51	....	....	....	....	57	31	....	4.49	+0.48	1.60	0.0	6	14	4	13	s.	J. M. Knight
Carthage	Dallas	297	31	82.0	+1.2	105	18	60	31	31	3.69	−0.33	1.67	0.0	6	8	20	3	s.	P. K. Wylie
Center Point	Howard	591	37	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	John C. Floyd
Clarendon	Monroe	172	32	....	....	....	....	....	....	....	6.65	+3.06	3.52	0.0	6	13	7	11	sw.	R. M. Wheatley
Clinton	Van Buren	516	15	....	....	....	....	....	....	....	3.84	+1.27	1.09	0.0	8	17	12	2	sw.	A. L. Stephens
Conway	Faulkner	309	53	84.4	+2.4	110	18	62	31	35	9.26	+5.72	6.44	0.0	4	20	10	1	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	....	....	....	....	55	31	..	10.98	+6.98	7.34	0.0	7	18	12	1	s.	P. B. Hutchens
Corning	Clay	293	43	82.6	+2.8	107	13	55	31	34	7.23	+3.83	2.65	0.0	6	22	7	2	s.	Winfred D. Polk
Cotter	Baxter	440	9	....	....	....	....	....	....	....	2.04	....	1.03	0.0	4	23	5	3	....	O. B. McSpadden
Crosset (near) ††	Ashley	175	24	82.0	−0.4	103	25	62	27	36	7.29	+2.84	4.50	0.0	5	11	15	5	s.	U. S. Forest Service
Danville	Yell	327	20	....	....	....	....	....	....	....	5.53	+2.07	3.74	0.0	7	17	10	4	....	J. M. Patterson
Dardanelle	Yell	330	50	83.9	+1.9	110	18	60	31	35	6.57	+3.48	2.73	0.0	8	10	15	6	nw.	Geo. N. Goodier
De Queen	Sevier	426	1	82.0	....	102	29	59	31	32	8.88	....	3.76	0.0	9	18	6	7	se.	E. B. Smith
Dumas	Desha	162	31	83.9	+1.6	103	18	63	31	30	11.69	+7.08	5.07	0.0	8	9	17	5	s.	Ben Johnson
Dutton	Madison	1590	34	78.8	+3.4	109	18	48	31	45	1.47	−2.56	0.62	0.0	5	11	19	1	s.	J. M. Ricketts
El Dorado	Union	270	36	84.2	+1.8	108	18	63	31	31	5.81	+1.77	2.94	0.0	7	12	10	9	w.	E. W. Gaston
England	Lonoke	229	30	....	....	....	....	63^b	31	....	5.67	+2.38	2.33	0.0	5	20^a	5^a	5^a	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	85.3	+6.7	111	15†	55	31	36	1.06	−3.24	0.75	0.0	3	25	5	1	sw	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	84.3	+5.9	110	18	53	31	36	1.76	−2.15	0.84	0.0	6	15	15	1	sw.	University of Arkansas
Fort Smith	Sebastian	448	55	86.4	+4.9	110	18	66	31	31	1.12	−2.25	0.56	0.0	7	14	13	4	sw.	U. S. Weather Burea
Freeman Springs ‡‡	Pope	2240	12	....	....	....	....	....	....	....	2.69	−1.04	0.80	0.0	9	18	11	2	sw.	R. J. McCuiston
Fulton	Hempstead	260	51	....	....	....	....	....	....	....	2.41	−1.34	1.25	0.0	8	13	12	6	....	T. J. Logan
Georgetown	White	200	24	....	....	....	....	....	....	....	5.29	+1.93	2.80	0.0	6	15	8	8	....	Mrs. W. R. Owens
Gilbert	Searcy	600	10	82.4	....	108	14	46	31	44	2.21	....	1.02	0.0	6	24	5	2	....	F. J. King
Glenwood	Pike	547	1	....	....	....	....	....	....	....	6.03	....	3.50	0.0	7	21	2	8	....	C. A. Price
Grannis	Polk	900	17	80.2	+0.8	105	29	57	31	38	5.51	−0.74	2.38	0.0	11	13	14	4	s.	W. E. McVay
Gravette	Benton	1250	39	85.6	+7.8	114	18	56	31	42	0.30	−3.87	0.30	0.0	1	24	5	2	s.	Max W. Schmidt
Harrison	Boone	1052	36	84.8	+7.4	112	18	51	31	41	1.87	−2.24	0.94	0.0	6	28	2	1	sw.	Louis R. Keck
Heber Springs	Cleburne	....	1	....	....	....	....	....	....	....	4.69	....	1.96	0.0	6	16	6	9	....	R. L. Black
Helena	Phillips	300	64	80.8	−0.8	96	13	62	31	23	7.07	+3.37	3.52	0.0	7	11	4	16	sw.	James A. Burnett
Higden	Cleburne	445	17	....	....	....	....	....	....	....	4.24	+0.79	2.12	0.0	6	22	6	3	s.	Trumon Brown
Highland	Pike	491	17	83.3	....	103	29	66	6	29	2.98	....	1.65	0.0	4	0	30	1	s.	J. O. Cooley
Hope	Hempstead	354	66	82.7	+0.9	104	18	63	31	35	4.04	−0.32	1.76	0.0	5	19	4	8	sw.	N. P. O'Neal
Hot Springs	Garland	600	45	85.0	+3.2	111	18	65	31	37	5.22	+0.62	2.60	0.0	7	3	26	2	s.	National Park Servic
Index ‡‡	Little River	275	19	....	....	....	....	....	....	....	1.88	−1.46	1.20	0.0	3	14	7	10	....	W. E. McDowell
Jessieville	Garland	750	10	....	....	....	....	....	....	....	5.08	....	4.11	0.0	6	3	25	3	sw.	U. S. Forest Service
Jonesboro	Craighead	345	41	83.8	+3.2	105	13	64	31	29	3.80	+0.51	1.55	0.0	6	20	10	1	sw.	Benedictine Sisters
Lead Hill	Boone	650	30	84.6	+4.4	110	15†	42	31	47	2.40	−1.05	1.36	0.0	4	26	4	1	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	57	82.6	+1.7	104	18	65	21	27	7.51	+4.01	3.63	0.0	7	12	9	10	sw.	U. S. Weather Burea
Lutherville ‡‡	Johnson	775	37	85.0	+4.9	112	18	65	3†	39	2.06	−1.69	1.32	0.0	3	19	11	1	sw.	H. G. Lenhardt
Madison	St. Francis	209	6	....	....	....	....	....	....	....	7.13	....	4.32	0.0	6	14	1	16	....	J. W. Eppes
Magnolia	Columbia	315	20	83.2	+0.6	104	19	62	31	30	4.67	+1.21	1.60	0.0	6	5	24	2	sw.	State Agri. School
Malvern	....	277	50	....	....	....	....	....	....	....	4.70	+0.41	2.00	0.0	4	20	7	4	....	W. Carl Brown
Mammoth Spring	Fulton	600	32	83.8	+5.2	107	14	58	31	34	3.65	−0.17	1.43	0.0	5	24	5	2	sw	S. F. Whittaker
Marianna	Lee	235	25	82.5	+1.3	99	13	64	31	25	6.32	+2.85	2.96	0.0	6	22	6	3	s.	C. N. Houck
Marked Tree	Poinsett	229	32	81.8	+0.7	100	13	60	3†	26	5.72	+2.22	3.80	0.0	5	18	11	2	n.	Charles Walton
Mena	Polk	1207	48	82.2	+2.0	106	18	63	3†	38	3.98	+0.18	1.63	0.0	10	19	5	7	sw.	E. W. St. John
Montongo	Drew	....	1	....	....	....	....	....	....	....	8.51	....	3.50	0.0	7	20	3	8	s.	Soil Conservation Ser
Morrilton	Conway	347	17	83.8^c	+0.9	106^c	18	67^c	2†	35^c	4.33	+1.63	2.15	0.0	5	15^c	6^c	7^c	se.	Hugh B. Wear
Mountain Home	Baxter	800	24	85.5	+6.3	111	15	58	31	40	2.82	−1.02	1.40	0.0	3	20	10	1	s.	B. S. Halbert
Mount Ida	Montgomery	650	37	80.6	+0.6	104	18	49	31	44	6.07	+2.34	3.12	0.0	5	21	5	5	e	G. A. Whittington
Nail	Newton	2233	28	79.2	+3.7	104	18	56	31	32	1.66	−3.40	0.92	....	3	23	6	2	s	Charles Paxton
Newport	Jackson	231	53	83.3	+2.0	104	13	58	31	33	3.50	+0.41	1.62	0.0	5	16	14	1	n.	J. D. Henderson
Norman	Montgomery	750	8	....	....	....	....	....	....	....	4.51	....	4.19	....	2	12	14	5	sw.	U. S. Forest Service
Oden	Montgomery	800	10	....	....	....	....	....	....	....	4.08	....	3.00	0.0	5	9	13	9	s.	U. S. Forest Service
Okay	Howard	288	8	83.1^b	....	105	18†	64^d	27	35^d	2.47	....	1.20	0.0	6	13	14	4	s.	Charles R. Jackson
Ozark	Franklin	396	41	86.6	+4.5	111	18	62	31	40	1.76	−1.26	0.67	0.0	6	25	3	3	se.	Orkney O. Milton
Paragould	Greene	275	13	....	....	....	....	....	....	....	4.01	+0.93	1.65	0.0	5	26	4	1	s.	W. R. Heagler
Parkin	Cross	222	6	....	....	....	....	....	....	....	7.06	....	3.40	0.0	6	14	6	11	....	Carroll King
Patterson	Woodruff	204	20	....	....	....	....	....	..	....	8.20	+4.67	5.55	0.0	4	24	6	1	sw.	W. E. Baker
Pine Bluff	Jefferson	215	49	82.2	−0.2	101	18	65	31	23	14.16	+10.60	4.18	0.0	6	16	11	4	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	12	....	....	....	....	....	....	....	4.47	+0.84	3.14	0.0	4	18	8	5	sw.	J. R. Huddleston
Pocahontas	Randolph	300	43	82.8	+2.4	108	13	61	31	35	6.56	+2.45	2.60	0.0	6	15	10	6	sw.	Benedictine Sisters
Portland	Ashley	122	30	82.0	+0.2	100	1†	62	31	30	3.25	−0.85	1.40	0.0	9	9	16	6	sw.	W. E. Edmiston
Prescott	Nevada	318	48	83.2	+1.1	103	18	64	31	30	9.06	+5.07	3.08	0.0	11	12	12	7	s.	Craig Williams
Rock Springs	Drew	....	1	....	....	....	....	....	....	....	6.84	....	4.93	0.0	6	26	1	4	sw.	Soil Conservation Ser
Rogers (near)	Benton	1300	46	85.2	+7.6	112	18	54	31	40	0.04	−4.40	0.04	0.0	1	23	6	2	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	....	....	....	....	....	....	....	2.83	....	1.80	0.0	4	10	15	6	s.	Miss Clarice Maddox
St. Charles	Arkansas	175	3	83.2^a	....	98^a	11†	64	31	26^a	7.44	....	3.70	0.0	7	18	4	9	s.	U.S. Biological Surve
St. Francis	Clay	290	9	....	....	....	....	....	....	....	7.98	....	5.00	0.0	6	21	2	8	....	S. T. Rooney
Searcy	White	245	26	83.8	+2.8	104	13†	65	31	34	4.11	+1.20	2.08	0.0	8	18	10	3	sw.	Walter Smith
Springbank	Miller	240	27	....	....	....	....	....	....	....	3.08	−1.12	1.12	0.0	6	11	5	15	....	Henry Field
Story	Montgomery	650	12	....	....	....	....	....	....	....	6.13	+2.53	5.05	0.0	5	22	7	2	s.	S. C. Story
Stuttgart	Arkansas	209	49	81.6	+0.4	100	13	60	31	28	10.22	+6.78	4.93	0.0	6	19	9	3	sw.	Mrs. B. E. Swim
Subiaco	Logan	750	39	86.4	+4.4	113	18	62	31	39	2.02	−1.35	0.80	0.0	7	13	15	3	s.	New Subiaco Abbey
Texarkana	Miller	332	51	84.0	+1.5	105	29	64	31	31	2.68	−1.48	1.60	0.0	6	13	12	6	s.	H. S. Brashear
Thornburg	Perry	650	16	80.0^a	+0.2	108^a	18	47^a	31	43^a	5.60	+1.35	2.73	0.0	5	17^a	9^a	4^a	s.	Edward E. Holmes
Waldron	Scott	675	17	....	....	....	....	....	....	....	4.82	+1.14	1.54	0.0	8	11	13	7	se.	Dr. Cheves Bevill
Warren	Bradley	206	42	....	....	....	....	....	....	....	....	....	....	0.0	..	..	..	..	....	Miss Sue Hoyle
Whitecliffs	Little River	290	30	....	....	....	....	....	....	....	....	....	....	0.0	..	..	..	..	....	William W. Davis
Wilson	Mississippi	237	11	83.0^b	+2.2	102^e	14	57	31	27^e	7.04	+3.02	3.40	0.0	7	25	1	5	s.	D. O. Anderson
Wynne	Cross	250	28	....	....	....	....	60	31	....	6.64	+2.92	5.20	0.0	7	17	11	3	s.	B. M. Eddins
Yancopin	Desha	167	12	....	....	....	....	....	....	....	10.93	+7.34	6.56	0.0	7	14	9	8	....	W. E. Barton
State Means				83.3	+2.8	114	18	42	31	47	4.90	+1.10	7.34	0.0	6	17	9	5	s.	

Daily Precipitation for July, 1936

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
nity.	Ouachita	.42	2.74												.19							.02											3.37
kadelphia	Ouachita		2.00	.45		.03								.02	.01				.04		.03	.07	.03										2.68
kansas City	Mississippi		1.52	1.41	1.10	.33					.05				T.	.30					.03	.65	T.										5.39
tesville	White	.58	1.30	1.23											T.			T.	T.	.80				.06						.01			3.98
e Branch	Arkansas	.20	2.25								.20				.60			.05		.45		1.00											4.75
nton	Saline		1.36	.60											.07					.06	.05	.08	.05										2.27
ntonville ***	Arkansas	.06									T.					.09			01	.01	T.	.01								T.	T		0.18
g Lake Outlet	St. Francis		1.49	2.98	T.							.14						.08		.43		.62		.07						.10			5.91
ack Rock	White	1.34	.95	1.86											T.			.76		T.		.48								.01	.03		5.43
ytheville	St Francis		.70	4.68														.58		.13		.05											6.14
oneville	Arkansas	.60	.81				T.				T.		T		.20					.17	.09	.01											1.88
ughton	Ouachita		1.59	.84		.97	.22							.11	.07				.02	T.	.02	T	.98								.12		4.94
inkley	White		3.15	4.83	.05															.34		.88	.03										9.28
lico Rock	White	.87	.35	.10						T.					T.		.58	.05		.30		.90								30			3.45
mden	Ouachita		1.60	1.01															.07			.28	1.50	.03									4.49
rthage	Ouachita	.28	1.67	.05	.54																.70	T	.45										3.69
nter Point	Red																																....
arendon	White		2.80	3.52	.02															.11		.16	.04										6.65
inton	White	30	1.09											.16				.24	.52		.41	.61	.51										3.84
nway	Arkansas	.56	2.18																	.08		6.44											9.26
rnerstone	Arkansas	1.65	7.34	.34														T.	.10	.05	.02	1.48											10.98
rning	White	2.65	2.10	.76													T	.43		.79		.50											7.23
tter	White	.67	T.								.12				T.		T.	T.		1.03		.22											2.04
ossett [near]	Ouachita	T.	4.50	1.69							.45				T.							.35	.30										7.29
nville	Arkansas		3.74	.18								.09			.28					.54	.55	.15											5.53
rdanelle	Arkansas	.15	2.10	.73											.36				.08	.41	.01		2.73										6.57
Queen	Red	3.76	1.87		.11	T.	T.				.32				.37						.28	.01	2.14							.02			8.88
mas	Mississippi	1.62	5.07	2.90	.26		T.			.12					.02						.08	1.62				T.							11.69
tton	White	.25	.05												.30					62	.25												1.47
Dorado	Ouachita		1.86	.57		.13	T.													T.	.01	.08	2.94	.22									5.81
gland	Arkansas	1.62	2.33	.08											.01							1.63											5.67
reka Springs	White	.75																		.10		.21											1.06
yetteville	White	.84	T.				.10		T.		.75	.03			T					.02		.02											1.76
rt Smith ***	Arkansas	.55	.02				T.				T.				.06				.02	.33	.12	T	.01							T.	T.		1.12
eeman Sprgs.	Arkansas	.31	.74	.02											T.			T.	.12	.80	.21	.40	.05	.04							T.		2.69
lton	Red	T.	1.25	.60	T.	.10		.15					T.		T.					T	.12	.01	.17	.01									2.41
orgetown	White		1.84	2.80	.05										17					.30		.13											5.29
lbert	White	1.02	.31												T.		T.	.18		.04		.28								.38			2.21
enwood	Ouachita		3.50	1.40		.33										.55			.03	.10		.12											6.03
annis	Red	1.41	2.38		.03	.42	.03				T.				.01					.03	.03	.12	.05							1.00			5.51
avette	Arkansas	.30																															0.30
rrison	White	.94															.04	.05		.31	.02	.51								T.			1.87
ber Springs	White	.89	1.21	1.96											T.				.08	.31		T	.24										4.69
lena	Mississippi		1.44	3.52	.09														.17	.04		1.50		.31									7.07
gden	White	1.06	2.12												.37				.13		.19	.37											4.24
ghland	Ouachita	.70	1.65										.20										.43										2.98
pe	Red	.57	1.76		.13						T.			T.						T.	.20		1.38										4.04
t Springs	Ouachita	2.60	1.88	.02											.26					.26	.07	.13											5.22
lex	Red		1.20		.20		T.														T.	T.	.48								T.		1.88
sieville	Ouachita		4.11	.12											.42			T	.01	.20	.22	T.											5.08
nesboro	White		1.20	1.55	.01							T.		T.			.02	.50				.52									T.		3.80
ad Hill	White	1.36																.50	T.		.26								.28				2.40
ttle Rock ***	Arkansas	.85	1.98	.01		T.								T.					T.	.03	.08	3.55	1.01										7.51
therville	Arkansas	.48	1.32												T.			T.		.26													2.06
dison	St. Francis		1.75	4.32	.10													.13	T			.53	T	.30	T.								7.13
gnolia	Red	1.30	.10	.07	.60																	1.60	1.00										4.67
alvern	Ouachita	2.00	1.00										.20								1.50												4.70
mmoth Spg	White	1.43	.95															.55		.30		.42											3.65
rianna	St. Francis	.48	2.96	1.32														.11				.77	.68										6.32
rked Tree	St. Francis		1.45	3.80	.05													T.				.30		.12									5.72
na	Ouachita		1.63	.25			.10	.01				.35			.54					.04	.12	.74	.20										3.98
ntongo	Ouachita	.45	3.50	.78	2.27	.53													.38		.60												8.51
rrilton	Arkansas	.26	2.15	.67											.58					T.		.67											4.33
untain Home	White	1.36													.06					1.40										T.			2.82
unt Ida	Ouachita	2.70	3.12																	.02	.21	.02											6.07
il	White	.92	.31																			.43											1.66
wport	White		1.51	1.62															.15	.06		.16											3.50
rman	Ouachita		4.19	.32																													4.51
en	Ouachita		3.00												.03					T.	1.02	.02	.01										4.08
ay	Red	.73	1.20		.40		.05			.06											T.	.03											2.47
ark	Arkansas	.45	.35	.03											.05				T.	.67	.21	T.											1.76
ragould	St. Francis	.28	1.55	1.65														.16		.37													4.01
rkin	St. Francis		2.70	3.40	.08													.12				.33		.43									7.06
tterson	White		5.55	.57																1.31		.77											8.20
e Bluff	Arkansas		3.57	2.74															.04	T.	.23	3.40	4.18										14.16
e Ridge	Ouachita		3.14				.14													.24		.95											4.47
cahontas	White	1.86	1.10														2.60	.05		.03	.92												6.56
rtland	Ouachita		1.40	1.05	.05	.05					.06					07					.02	.49	.06										3.25
scott	Ouachita	.04	2.17	2.05		.81	.28							T.					.12	.06	.09	.11	3.08								.25		9.06
ek Springs	Ouachita	.48	4.93	.30	.20														.60			.33											6.84
gers (near)	White	.04																															0.04
sebud	Arkansas	.20	1.80																		.33	.50											2.83
Charles	White		2.50	3.70	.03															07		1.00	.02	.12									7.44
Francis	St. Francis	5.00	1.76	.80	T													.05		.35		.02											7.98
rcy	White	.05	2.08	1.08	.02										.03				.06	.72		.07											4.11
ingbank	Red	T.	1.12	.88	.05	T.								.03	T.			T.			.05	T.		.95									3.08
ry	Ouachita		5.05	.30											.11					.20		47											6.13
ttgart	Arkansas		4.56	4.93	.03															.34		.32	.04										10.22
biaco	Arkansas	.33	.80							.43	.01			T.	T.				.36	T.	.05	.04											2.02
arkana	Red		1.60	.31		.47															T.	.08	T.	.12							.10		2.68
rnburg	Arkansas	1.69	2.73												.08				T	.36		.74								T.			5.60
ldron	Arkansas	1.54	.56			.72	.10				1.35				.25					.24			.06										4.82
rren	Ouachita																																....
son	Mississippi		2.00	3.40														.07		.51		.83		.12						.11			7.04
nne	St. Francis		.21	5.20	.12										.16			.31		.10		.51											6.64
ncopin	Arkansas		3.45	6.56	.05	.50										.05				T.		.31		.01									10.93

· less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O.
esses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana;
erville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2, Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight.
hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

e departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipita-
with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for
eriod to 1935, inclusive.

Daily temperatures for July, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	88	78	90	91	85	88	93	95	98	97	98	100	99	94	96	93	96	103	98	98	97	92	94	94	97	99	101	104	105	95	92	95.1
	Minimum	72	70	69	70	70	72	71	71	72	74	74	73	75	74	74	72	74	77	79	77	71	71	74	73	70	74	69	71	73	71	65	72.3
Batesville	Maximum	89	77	89	90	90	92	97	98	99	96	96	99	106	102	99	91	102	103	100	94	93	90	90	94	94	97	100	106	98	96	90	95.5
	Minimum	70	69	69	63	73	68	65	65	68	71	68	68	70	71	71	80	73	70	68	71	69	67	70	73	69	74	71	69	70	65	56	69.2
Bee Branch	Maximum	100	80	88	91	90	90	95	97	97	97	96	99	102	102	98	99	98	104	100	97	89	90	88	93	92	95	96	102	102	96	87	95.2
	Minimum	70	67	70	67	72	71	68	70	72	74	72	76	75	72	74	75	75	74	71	72	68	70	70	72	71	66	66	65	76	74	65	71.0
Bentonville ***	Maximum	82	87	93	96	92	93	95	97	98	97	97	98	103	102	107	100	104	111	105	104	94	97	99	100	99	101	102	102	100	91	89	97.9
	Minimum	66	66	64	64	70	69	68	70	68	71	70	71	72	78	74	78	76	77	77	74	70	69	72	73	75	76	74	76	73	67	56	71.1
Blytheville	Maximum	83	77	82	86	91	94	99	96	98	97	97	98	102	97	96	88	94	96	94	93	89	89	85	92	97	95	95	94	87	86	85	92.0
	Minimum	70	69	69	67	71	70	71	74	74	75	75	72	78	77	77	77	70	77	70	72	67	70	70	74	72	71	69	71	75	60	54	71.2
Booneville	Maximum	94	83	93	95	90	95	96	98	101	97	97	100	107	108	105	100	105	114	107	99	94	98	100	101	100	104	105	108	104	98	91	99.6
	Minimum	72	68	65	68	72	73	72	70	70	71	69	72	73	75	74	75	74	76	77	76	73	73	69	72	69	74	69	67	74	72	66	71.6
Brinkley	Maximum	94	74	83	88	91	92	96	98	99	99	99	97	101	98	97	93	96	100	98	96	89	92	88	90	93	94	97	100	96	91	85	93.7
	Minimum	68	69	70	69	71	71	70	72	75	74	75	73	77	76	76	75	76	77	70	76	66	73	71	73	73	72	71	70	74	67	60	71.9
Calico Rock	Maximum	85	80	95	97	97	97	103	104	103	102	104	105	110	109	111	100	105	107	100	102	93	95	99	104	102	105	109	109	100	89	90	100.4
	Minimum	70	70	67	63	70	72	68	70	72	74	72	71	73	77	77	74	74	75	73	69	68	70	71	75	74	75	73	74	75	67	56	71.8
Carthage	Maximum	94	77	87	86	90	91	95	97	97	95	97	97	99	98	96	91	98	105	94	93	90	88	90	91	94	95	97	100	101	92	89	93.8
	Minimum	71	70	70	71	69	71	68	70	71	72	70	72	72	73	76	70	74	78	75	66	66	66	70	72	70	70	69	69	71	67	60	70.3
Conway	Maximum	96	77	91	90	92	91	96	99	99	98	98	103	107	104	101	98	103	110	100	104	92	89	91	94	97	96	98	104	101	98	91	97.0
	Minimum	72	69	71	70	71	72	69	71	73	77	73	74	75	76	76	74	74	76	73	76	65	70	70	73	71	70	69	69	73	70	62	71.7
Corning	Maximum	84	78	88	92	88	93	94	92	98	97	96	100	107	101	101	90	97	97	92	91	93	93	91	96	98	101	102	103	96	84	89	94.3
	Minimum	67	70	69	70	70	70	70	72	71	73	74	73	75	74	76	79	71	74	69	70	66	69	70	73	73	72	71	72	74	62	55	70.8
Crossett	Maximum	100	86	84	83	89	91	95	97	96	93	97	94	97	97	92	94	95	99	95	93	94	91	88	95	103	98	98	100	98	97	86	94.0
	Minimum	70	71	72	70	72	69	68	69	71	70	69	67	72	72	70	68	71	75	75	76	66	71	68	69	70	68	62	71	72	71	66	70.0
Dardanelle	Maximum	94	80	92	92	90	90	95	97	98	98	97	100	105	102	100	95	99	110	98	100	89	92	94	95	95	99	101	103	98	93	93	96.3
	Minimum	72	68	67	69	71	72	69	72	73	74	71	73	75	75	78	76	75	77	74	75	68	72	69	74	71	70	69	68	72	69	60	71.5
De Queen	Maximum	87	83	92	87	86	89	90	96	97	91	94	97	100	96	95	92	96	101	95	96	91	86	90	93	93	96	96	96	102	95	91	93.3
	Minimum	70	69	65	70	70	69	70	70	71	72	69	72	74	73	76	72	73	75	78	76	74	70	70	71	70	70	68	65	70	73	59	70.8
Dumas	Maximum	95	78	87	84	91	93	97	100	99	96	101	101	102	99	98	92	99	103	101	97	93	92	90	94	97	97	101	98	99	94	90	95.
	Minimum	69	70	70	70	70	72	73	74	76	74	74	73	76	75	76	73	74	74	76	78	66	74	70	72	72	74	71	74	72	69	63	72.
Dutton	Maximum	76	82	89	89	86	87	90	92	93	94	92	97	102	100	101	95	100	109	99	93	89	90	93	95	92	96	98	99	97	91	88	93.
	Minimum	66	67	57	61	69	66	59	61	62	63	66	63	63	68	66	72	71	67	69	64	66	61	64	67	65	70	65	62	67	57	43	64.
El Dorado	Maximum	95	83	89	86	93	92	96	98	98	96	98	100	103	97	94	96	98	108	104	97	98	87	90	94	95	96	99	98	103	93	89	95.
	Minimum	75	72	72	72	72	71	72	73	75	72	73	75	74	75	76	71	75	78	77	78	69	68	72	71	72	72	73	74	72	72	63	72.
Eureka Springs	Maximum	82	86	92	96	93	95	96	97	98	99	98	102	106	107	111	102	106	111	106	106	94	99	100	101	99	101	104	104	102	92	91	99.
	Minimum	65	67	62	69	69	69	65	72	71	75	70	73	74	80	78	79	76	77	73	71	68	68	71	74	74	75	73	76	72	73	55	71.
Fayetteville	Maximum	82	85	93	96	94	92	95	97	98	98	92	95	103	102	106	99	103	110	108	104	96	98	98	100	98	100	102	104	99	96	89	97.
	Minimum	68	69	62	66	71	69	67	69	69	72	69	69	69	76	73	77	76	75	78	72	70	67	71	76	75	75	74	73	73	71	53	70.
Fort Smith***	Maximum	77	89	95	94	93	90	96	98	101	99	97	98	106	105	103	99	103	110	105	101	93	98	99	100	98	101	103	105	98	94	92	98.
	Minimum	72	71	68	70	74	75	75	73	75	76	74	76	76	78	78	79	78	79	75	75	73	74	73	76	76	77	74	74	77	74	66	74.
Gilbert	Maximum	93	81	87	90	92	94	93	98	98	98	100	109	103	108	107	107	99	107	107	105	103	93	91	99	102	100	103	106	107	100	88	98.
	Minimum	68	68	61	63	64	65	64	63	64	68	69	65	66	71	68	76	69	68	71	68	68	67	64	63	73	67	63	62	68	59	46	65.
Gravette.§§	Maximum	82	80	97	100	97	98	99	101	101	105	101	103	106	104	111	104	108	114	109	109	104	101	104	105	102	105	105	107	103	94	92	101.
	Minimum	66	65	62	65	68	68	67	66	67	69	69	69	68	74	70	77	75	72	72	74	70	67	70	71	73	74	73	72	70	74	56	69.
Harrison	Maximum	87	82	92	94	93	95	95	99	101	98	101	102	104	106	110	105	106	112	106	103	91	97	102	105	103	105	108	107	100	95	89	99.
	Minimum	66	68	66	66	69	69	65	65	67	69	70	67	67	73	72	83	74	71	73	72	69	69	70	74	73	73	71	74	74	68	51	69
Helena	Maximum	90	78	80	85	86	91	92	94	95	92	95	93	96	93	92	89	90	95	94	93	84	87	85	85	89	91	92	94	92	84	82	89
	Minimum	77	69	70	71	70	71	71	71	75	72	73	71	75	74	76	74	73	76	72	77	65	73	69	72	72	72	71	73	73	69	62	71
Highland	Maximum	85	79	89	87	90	87	91	93	99	98	95	96	99	96	94	95	93	96	95	95	87	83	89	92	94	96	97	98	103	100	98	93
	Minimum	70	68	67	67	68	66	69	75	73	75	78	75	75	75	75	76	74	75	75	75	72	73	73	75	76	75	75	78	74	76	77	73
Hope	Maximum	91	78	91	83	94	86	98	98	98	97	100	100	99	98	100	97	97	104	101	96	91	88	94	96	94	99	101	103	91	90	88	95
	Minimum	72	66	69	69	69	71	69	71	70	72	71	71	72	74	76	71	73	76	74	70	68	66	70	72	71	72	70	68	70	65	63	70
Hot Springs	Maximum	91	75	96	88	88	91	100	100	102	100	102	101	102	104	100	96	103	111	105	101	91	95	98	100	103	104	108	109	103	95	93	98
	Minimum	71	69	69	69	67	69	69	70	72	74	71	72	74	71	75	73	75	79	72	72	68	69	71	74	73	76	72	72	78	67	65	71
Jonesboro	Maximum	95	78	87	89	91	94	96	97	98	98	98	99	105	101	99	93	96	99	97	98	93	91	88	92	95	97	99	102	100	94	87	95
	Minimum	71	69	69	69	71	72	72	73	75	77	75	74	78	77	77	77	72	75	74	69	69	70	70	73	73	74	73	76	76	69	64	72
Lead Hill	Maximum	80	81	95	96	96	96	100	101	103	101	100	105	106	108	110	105	107	108	105	101	95	97	104	107	103	108	110	106	102	100	89	100
	Minimum	66	69	62	65	68	67	65	67	67	69	71	67	67	75	70	80	72	72	73	73	69	65	68	71	70	71	68	72	70	61	42	68
Little Rock.* **	Maximum	89	75	85	85	86	88	93	95	95	95	96	96	102	95	95	92	95	104	93	96	82	87	88	88	92	94	96	99	97	87	86	91
	Minimum	71	70	70	71	70	74	71	75	77	76	76	75	79	77	78	75	77	79	76	72	65	69	71	73	72	72	72	72	76	72	67	73
Lutherville	Maximum	81	80	93	91	90	89	94	96	98	101	97	102	107	108	103	101	104	112	102	104	93	94	95	98	100	102	107	109	104	93	91	98
	Minimum	70	68	65	68	70	71	72	72	72	72	71	72	75	76	76	77	76	76	75	74	70	69	67	72	72	76	71	71	76	73	65	71
Magnolia	Maximum	100	80	88	89	91	90	93	95	97	99	97	98	99	97	97	93	96	103	104	98	95	96	89	91	92	93	98	96	99	95	88	94
	Minimum	70	73	70	71	71	71	70	72	72	72	72	75	73	73	76	70	73	77	79	77	69	67	70	71	71	73	71	69	70	73	62	71
Mammoth Spring	Maximum	85	82	91	92	90	92	95	98	99	100	98	102	106	107	105	98	99	100	97	95	92	92	97	101	99	102	103	105	100	92	81	96
	Minimum	68	67	69	67	70	69	68	69	71	74	73	69	72	75	78	82	71	74	70	70	68	69	72	74	75	71	70	74	75	71	58	71
Marianna	Maximum	94	77	78	86	90	90	94	96	97	95	98	97	99	97	96	93	94	97	98	98	86	87	85	87	91	94	94	97	95	91	85	92
	Minimum	72	70	71	70	72	72	72	73	76	75	76	74	74	77	77	76	76	78	74	74	67	71	71	73	74	71	71	74	74	69	64	72
Marked Tree§§	Maximum	94	71	83	88	90	93	94	97	97	95	97	98	100	98	98	92	95	98	96	97	90	90	88	87	91	94	95	95	94	84	82	92
	Minimum	72	70	60	69	71	71	71	72	75	71	73	74	74	73	76	72	76	76	72	73	68	68	70	73	72	72	71	71	74	68	60	71
Mena	Maximum	89	78	91	91	87	87	92	95	97	95	95	96	101	97	96	92	98	106	99	101	91	91	94	93	95	99	103	104	100	91	89	
	Minimum	70	67	63	63	69	70	68	68	69	70	69	70	75	71	72	69	71	74	75	76	70	73	70	70	70	70	71	66	70	69	63	
Morrilton	Maximum	92	77	88	89	90	89	94	96	97	96	96	100	105	98	99	94	98	106	99	101	89	87	92	94	96	99	100	105	....	..	..	
	Minimum	71	67	70	70	69	72	70	73	74	76	70	76	77	71	75	76	77	77	75	75	67	70	70	75	70	72	70	70	..	..	.	
Mountain Home	Maximum	83	81	98	100	102	101	100	101	104	103	103	105	108	108	111	103	106	108	102	102	93	96	100	103	102	101	107	107	100	89	90	
	Minimum	67	68	66	69	70	76	70	68	65	70	72	68	74	78	74	80	72	72	68	74	68	68	68	72	70	74	67	72	74	71	58	
Mt. Ida	Maximum	89	77	92	90	85	90	93	95	97	95	95	98	102	100	96	92	97	104	95	95	88	92	91	92	95	97	97	103	101	93	90	
	Minimum	70	68	64	65	67	68	67	66	67	69	68	68	70	71	70	70	73	76	70	72	70	70	65	70	67	65	63	59	66	57	49	
Nail	Maximum	70	74	97	96	91	87	86	89	90	92	88	95	99	100	98	90	93	104	91	91	88	82	89	92	93	94	85	89	88	80	84	
	Minimum	68	64	68	69	61	71	62	67	75	72	70	73	74	75	76	71	71	80	68	68	70	64	64	64	70	62	63	72	69	67	56	
Newport	Maximum	92	79	86	87	91	91	96	98	100	98	98	100	104	100	98	94	98	100	98	97	90	90	88	93	95	98	98	104	98	91	89	
	Minimum	72	70	70	70	71	71	69	70	73	76	74	73	77	75	77	78	74	76	73	69	68	70	71	74	73	72	71	71	75	65	58	
Okay	Maximum	92	82	91	94	90	90	92	94	104	97	98	100	102	100	99	101	98	105	100	98	97	95	95	96	98	99	98	99	105	102	101	
	Minimum	79	68	65	67	67	68	67	68	69	70	67	70	69	71	76	67	70	73	76	75	70	66	65	70	68	67	64	..	..	..	..	
Ozark	Maximum	92	83	94	94	91	90	98	100	101	99	99	103	109	109	108	104	108	111	101	99	97	98	103	103	102	107	109	110	104	99	99	
	Minimum	65	69	65	71	73	73	70	71	72	74	73	72	74	78	78	80	78	76	73	73	74	73	69	71	73	70	70	70	76	70	62	
Pine Bluff	Maximum	91	76	82	86	86	87	92	94	96	94	95	96	99	94	95	92	95	101	94	93	85	87	88	87	91	92	94	96	95	88	86	
	Minimum	70	70	70	72	72	71	73	74	75	75	75	75	78	77	78	74	76	79	78	75	67	67	72	72	73	73	74	73	75	70	65	
Pocahontas	Maximum	86	82	90	90	92	94	97	98	98	99	98	101	108	104	100	96	96	100	96	95	92	93	88	93	94	96	98	103	100	96	90	
	Minimum	68	67	68	67	70	69	70	70	71	72	73	72	73	74	75	63	70	74	71	68	70	69	70	72	71	70	70	72	74	67	61	
Portland	Maximum	100	82	86	81	89	89	94	95	98	92	97	95	100	91	95	95	96	99	100	94	88	87	87	93	95	96	98	97	98	90	88	
	Minimum	71	70	71	70	69	70	71	71	74	70	71	70	75	71	73	70	72	76	78	76	65	73	68	69	68	70	68	73	69	70	62	
Prescott	Maximum	98	77	90	88	89	89	95	96	98	98	97	97	100	98	97	96	97	103	98	96	93	92	91	93	95	95	96	98	101	92	89	
	Minimum	74	70	70	69	69	71	71	72	74	74	73	76	75	76	75	71	74	76	77	77	69	66	68	72	71	72	70	69	71	70	64	
St. Charles§§	Maximum	86	77	80	82	86	89	93	96	96	94	98	96	98	94	92	91	94	98	98	91	83	88	85	87	94	88	88	97	96	85	..	
	Minimum	78	70	71	72	73	70	70	72	75	73	72	74	76	78	76	74	75	78	72	79	66	69	69	72	73	72	71	71	74	70	64	
Searcy	Maximum	93	76	89	90	91	92	97	98	99	98	98	101	104	103	99	96	98	103	101	96	91	91	91	94	95	98	101	104	101	95	90	
	Minimum	70	69	70	69	71	71	69	71	73	75	73	72	76	75	75	76	74	75	71	76	70	71	70	73	71	70	69	70	76	71	65	
Stuttgart	Maximum	95	75	82	88	89	94	96	98	99	97	99	98	100	96	96	93	93	98	95	91	86	91	89	89	93	95	96	97	98	91	86	
	Minimum	69	68	67	69	67	69	69	71	74	72	73	72	75	74	75	71	74	76	70	75	66	69	69	70	71	69	69	69	72	66	60	
Subiaco	Maximum	93	83	96	96	89	93	97	100	101	95	95	101	108	106	108	101	107	113	105	104	96	99	102	103	101	106	108	109	105	98	96	
	Minimum	72	67	65	68	72	70	69	72	70	73	72	72	76	76	74	78	77	76	75	74	72	71	70	75	74	75	73	70	77	74	62	
Texarkana	Maximum	92	81	90	84	90	87	92	95	97	97	96	99	102	100	95	92	96	104	99	97	98	88	94	95	96	98	99	98	105	95	93	
	Minimum	76	72	68	72	70	71	71	72	75	75	71	74	72	75	77	71	72	74	81	77	75	69	72	74	74	73	74	73	74	75	64	
Thornburg	Maximum	90	73	90	89	88	90	95	94	96	95	94	98	101	99	96	95	..	108	97	99	87	90	91	92	97	99	100	105	101	90	90	
	Minimum	67	66	66	60	68	67	56	64	65	71	64	66	69	72	67	72	..	75	70	70	66	65	67	69	64	68	62	62	65	58	47	
Wilson	Maximum	95	81	83	86	93	95	94	95	96	99	99	98	100	102	98	93	94	100	..	..	..	..	..	92	91	91	94	95	95	92	34	
	Minimum	72	70	69	70	70	71	72	72	74	76	75	72	78	76	77	77	76	76	74	72	67	71	70	73	74	74	71	74	74	67	57	

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding

Weather Bureau Office, Little Rock, Ark. 9-1-36-

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

L. XLI LITTLE ROCK, ARK., AUGUST, 1936 No. 8

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GENERAL SUMMARY

This was the hottest and driest August since state-wide rec- ds have been kept but, again as in July, temperatures were uch higher in western and central portions than in the east- n. Maximum temperatures were 100° or higher in the west- portion for from 20 to 26 days, while along the Mississippi ver the number was as low as 5 days. The average tempera- re for the State, based on the records of 57 stations, was .0° which is 5.0° above the 46-year mean. The highest nperature reported was 120° at Ozark on the 10th which is higher than the previous record for the State, while the vest temperature was 43° at Dutton and Thornburg on the . The greatest daily range was 54° at Gilbert on the 10th. Scattered showers occurred during the month but some sec- ns received no rain. A number of stations had only one ny day. The average precipitation for the 95 stations re- rting was 0.44 inch which is 3.14 inches below the 46-year ean. Monthly amounts ranged from none at 8 stations to 37 inches at Springbank. Only one other station had as ich as 2.00 inches, while 5 others had 1.00 inch or more. e greatest amount measured in any 24-hour period was 1.80 ches at Pocahontas on the 8th.

Crop conditions ranged from good to excellent the first of month in most sections of the State except the northwest- portion but the high temperatures and very little rainfall used rapid deterioration. Early corn was about mature be- e the soil became so dry and the temperatures so high but e plantings were almost a total loss in all sections. Cotton ed better than corn, especially in the eastern portion, where nperatures were not so high as farther west. However, the t winds and high temperatures of the 9th and 10th caused pid deterioration. Picking and ginning are farther advanced an usual. Meadows, pastures and all truck crops were either stroyed or seriously damaged, while rice was about the only op in the State that didn't suffer. Stock water was becoming arce by the close of the month. The soil is too dry in all ctions for the planting of fall crops.

T.A.M.

amaged by Lightning:--Eureka Springs, 17th, barn destroyed, loss $1,000.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	.	1	2	.	1	4	11	9	2	3	.	.	.	.	4	5	16	5	5	2	4	11	12	1	2	1	1	1	7	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29 96	30.22	1	29.76	10	6.3	16	ne	16	..	..	..	85
Fort Smith	29.92	30.13	1	29.72	10	7.1	49	se	17	60	33	33	94
Little Rock	29.97	30.15	31	29.69	10	7.5	18	sw	25	77	46	49	88
Memphis	29.98	30.18	8	29.73	10	6.8	17	n	29	75	51	50	86

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78 1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.73	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	8.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82 6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4 08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80 4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.43	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.0	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	43	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	8	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0.0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	12	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
Period	80.0	120	39	3.58	0.0	6	16	10	5

Daily River Stages for August, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
rt Smith or n Buren	Arkansas	22	3.2	3.2	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.8	2.8	2.8	2.8	2.8	3.1	3.2	3.1	3.0	3.0	3.0	2.9	2.9
ark	do	22	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.4	0.4	-0.4	-0.4	-0.4	-0.5	-0.5	-0.5	0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2
rdanelle	do	22	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.6	1.9	1.3	1.9	1.7
rrilton	do	20	-3.2	-3.3	-3.3	-3.4	-3.5	-3.5	-3.6	-3.6	-3.7	-3.7	-3.7	-3.7	-3.8	-3.9	-3.8	-3.8	-3.9	-4.0	-4.0	-3.9	-4.0	-4.0	-4.0	-4.0	-4.0	-3.9	-3.9	-3.7	-3.6	-3.6	-3.6
ttle Rock	do	23	-1.1	-1.1	-1.2	-1.2	-1.3	-1.3	-1.4	-1.4	-1.4	-1.5	-1.5	-1.5	-1.6	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.5	-1.4
ne Bluff	do	25	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
nville	Petit Jean	20	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.2	....	..	....
rk Beach Mo.	White	30	0.7	-0.7	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9
tter	do	21	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.9	1.5	1.5	1.5	1.5	1.5
ico Rock	do	18	-1.0	-1.0	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0	-1.1	-1.2	-1.2	-1.2	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.2	-1.2	-1.2
tesville	do	23	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
wport	do	26	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.4	-1.4	-1.4
rgetown	do	21	-0.7	-0.7	-0.7	-0.8	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.2	-1.3	-1.4	-1.4	-1.4	-1.5	-1.5	-1.5	-1.6	-1.6	-1.6	-1.7	1.7	-1.7
rendon	do	26	5.6	5.5	5.4	5.4	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.7
bert	Buffalo	30	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
ck Rock	Black	14	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6
kadelphia	Ouachita	17	3.6	3.4	3.4	3.3	3.4	3.8	3.8	4.0	3.7	3.5	3.4	3.6	3.8	3.6	3.5	3.7	3.4	3.2	3.5	3.6	3.7	3.8	3.7	3.5	3.3	3.3	4.0	4.8	4.2	4.3	3.9
aden	Ouachita	26	3.7	3.7	3.7	3.6	3.5	3.6	3.5	3.5	3.6	2.9	3.8	3.8	3.7	3.7	3.6	3.7	3.8	3.6	3.8	3.7	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.7	3.7	4.1	4.2
lton	Red	25	3.7	3.6	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7
lena	Mississippi	41	3.6	3.5	4.0	4.1	3.3	2.5	2.0	2.2	2.0	1.8	2.1	2.1	1.8	1.8	2.3	2.2	1.5	1.0	0.9	1.2	1.5	1.3	1.0	0.4	0.0	-0.2	-0.1	-0.1	0.1	0.2	0.6
ansas City	do	18	-0.1	-0.5	0.9	-1.0	-0.8	-1.1	-1.6	-2.3	-2.5	-2.6	-2.8	-2.9	-2.8	-2.9	3.1	3.3	-2.8	3.1	-3.6	-3.8	-3.9	-4.0	-3.8	-3.8	-4.2	4.6	-4.8	-4.8	-4.9	-5.0	-4.8

Climatological Data for August, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	87.6[d]	+6.9	115	10	58[i]	2	38[i]	0.00	−3.95	0.00	0.0	0	7	23	1	s.	J. W. Campbell
Arkadelphia	Clark	200	41	...	...	...	...	...	...	...	0.10	−3.53	0.04	0.0	4	17	13	1	s.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	52	...	...	...	...	...	...	...	0.09	−3.87	0.06	0.0	2	27	3	1	...	Herbert Neff
Batesville	Independence	277	37	82.7	+3.7	111	9	46	1	47	0.45	−3.96	0.28	0.0	2	23	7	1	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	85.2	+5.5	110	9†	55	31	43	0.05	−3.98	0.05	0.0	1	24	6	1	s.	J. E. Scanlan
Benton	Saline	285	1	...	...	...	...	...	...	...	0.69	...	0.65	0.0	2	28	2	1	...	S. A. Burks
Bentonville	Benton	1295	31	85.8	+9.0	110	10	55	1	41	0.08	−4.10	0.06	0.0	2	10	18	3	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	6	...	...	...	...	...	...	...	0.35	...	0.25	0.0	2	24	4	3	...	C. J. Brooks
Black Rock	Lawrence	259	35	...	...	...	...	...	...	...	1.78	−2.33	1.20	0.0	4	28	1	2	s.	Vernon C. Howe
Blytheville	Mississippi	252	11	81.8	+2.2	104	17	53	31	40	0.32	−4.59	0.21	0.0	4	29	2	0	s.	Samuel Norris
Booneville	Logan	465	22	88.1	+6.0	118	10	53	1	43	0.13	−3.95	0.11	0.0	2	8	21	2	s.	F. H. Randolph
Boughton ‡‡	Nevada	200	1	...	...	...	...	...	...	...	0.32	...	0.20	0.0	2	20	5	6	...	Harry Buie
Brinkley	Monroe	205	49	84.2	+3.8	108	10	53	31	44	0.13	−3.54	0.13	0.0	1	27	2	2	ne.	R. J. Torry
Calico Rock	Izard	361	32	85.8	+6.6	110	27	53	1	48	0.50	−3.86	0.32	0.0	3	29	6	5	ne.	W. M. Jones
Camden	Ouachita	116	51	84.0	+3.4	115	10	55	1	49	0.14	−3.14	0.14	0.0	1	17	11	3	s.	J. M. Knight
Carthage	Dallas	297	31	84.6	+3.6	114	10	55	1	41	0.13	−2.85	0.13	0.0	1	8	23	0	s.	P. K. Wylie
Center Point	Howard	591	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	John C. Floyd
Clarendon	Monroe	172	32	...	...	...	...	...	...	...	0.33	−3.35	0.25	0.0	3	21	7	3	s.	R. M. Wheatley
Clinton	Van Buren	516	15	...	...	...	...	...	...	...	0.03	−4.55	0.03	0.0	1	21	9	1	sw.	A. L. Stephens
Conway	Faulkner	309	53	85.6	+4.0	115	10	56	1†	46	0.20	−3.36	0.20	0.0	1	26	4	1	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	...	...	...	..	53	1	..	0.61	−2.16	0.35	0.0	3	25	5	1	se.	P. B. Hutchens
Corning	Clay	293	43	84.2	+5.7	110	18	54	31	44	0.44	−3.85	0.29	0.0	2	20	10	1	se.	Winfred D. Polk
Cotter	Baxter	440	9	...	...	...	...	...	...	...	0.80	...	0.80	0.0	1	23	5	3	...	O. B. McSpadden
Crossett (near)	Ashley	175	24	83.4	+1.4	103	7†	56	3	38	1.91	−1.41	0.90	0.0	3	18	8	5	sw.	U. S. Forest Service
Danville	Yell	327	20	...	...	...	...	...	...	...	0.15	−3.89	0.15	0.0	1	21	8	2	...	J. M. Patterson
Dardanelle	Yell	330	50	85.9	+5.1	113	10	56	31	43	0.27	−3.36	0.14	0.0	3	4	25	2	se.	Geo. N. Goodier
De Queen	Sevier	426	1	85.4	...	114	10	59	1	41	0.09	...	0.05	0.0	3	20	11	0	s.	E. B. Smith
Dumas	Desha	162	31	85.9	+4.4	112	10	56	1	37	0.20	−3.39	0.10	0.0	2	5	25	1	s.	Ben Johnson
Dutton	Madison	1590	34	79.7	+5.1	109	19	43	1	47	0.20	−4.06	0.15	0.0	2	8	22	1	sw	J. M. Ricketts
El Dorado	Union	270	36	87.0	+4.8	112	10	57	1	36	1.76	−1.24	0.55	0.0	7	16	10	5	sw.	E. W. Gaston
England	Lonoke	229	30	84.6[b]	+3.8	111[b]	9	57[b]	1†	40[b]	0.25	−3.39	0.25	0.0	1	23[b]	5[b]	1[b]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	86.9	+8.5	112	9†	58	1	38	0.66	−4.31	0.35	0.0	4	21	9	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	85.9	+7.7	109	10	50	1	41	0.95	−3.09	0.91	0.0	3	14	16	1	s.	University of Arkansas
Fort Smith	Sebastian	448	55	88.4	+7.9	113	10	64	1	34	0.50	−2.78	0.48	0.0	2	13	18	0	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	12	...	...	...	...	...	...	...	0.49	−3.54	0.49	0.0	1	26	2	3	sw	R. J. McCuiston
Fulton	Hempstead	260	51	...	...	...	...	...	...	...	0.10	−3.10	0.07	0.0	2	19	9	3	...	T. J. Logan
Georgetown	White	280	24	...	...	...	...	...	...	...	0.00	−3.71	0.00	0.0	0	23	3	5	...	Mrs. W. R. Owens
Gilbert	Searcy	600	10	81.8	...	113	10†	45	1	54	0.00	...	0.00	0.0	0	21	4	6	...	F. J. King
Glenwood	Pike	547	1	...	...	...	...	...	...	...	0.92	...	0.30	0.0	5	24	0	7	...	C. A. Price
Grannis	Polk	900	17	83.2	+3.8	115	10	56	31	48	0.36	−3.28	0.21	0.0	4	17	13	1	se.	W. E. McVay
Gravette	Benton	1250	39	86.4	+8.8	113	10	50	1	48	0.20	−3.93	0.10	0.0	2	21	10	0	s.	Max W. Schmidt
Harrison	Boone	1052	36	86.0	+9.0	111	10	50	1	48	0.01	−4.02	0.01	0.0	1	25	6	0	sw.	Louis R. Keck
Heber Springs	Cleburne	...	1	...	...	...	...	...	...	...	0.15	...	0.15	0.0	1	22	4	5	...	R. L. Black
Helena	Phillips	300	64	83.0	+2.4	101	28	58	31	35	0.11	−3.71	0.11	0.0	1	18	7	6	se.	James A. Burnett
Higden	Cleburne	445	17	...	...	...	...	...	...	...	0.31	−4.08	0.31	0.0	1	26	5	0	sw.	Trumon Brown
Highland	Pike	491	17	86.1	...	116	10	60	1	41	0.15	...	0.15	0.0	1	0	31	0	s.	J. O. Cooley
Hope	Hempstead	354	66	...	...	115	10	..	..	..	0.75	−2.22	0.75	0.0	1	26	1	4	sw.	N. P. O'Neal
Hot Springs	Garland	600	45	88.4	+7.3	115	10	57	1	40	0.41	−3.41	0.21	0.0	2	3	28	0	s.	National Park Servic
Index ‡‡	Little River	275	19	...	...	...	...	...	...	...	0.75	−2.54	0.75	0.0	1	23	6	2	...	W. E. McDowell
Jessieville	Garland	750	10	...	...	...	...	...	...	...	1.58	...	0.85	0.0	3	3	27	1	sw.	U. S. Forest Service
Jonesboro	Craighead	345	41	84.4	+4.3	105	18†	58	31	37	0.73	−2.99	0.62	0.0	3	23	6	2	se.	Benedictine Sisters
Lead Hill	Boone	650	30	85.0	+6.2	112	10	47	1	52	0.22	−4.02	0.20	0.0	2	23	7	1	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	57	84.9	+5.1	110	10	65	31	34	0.27	−3.48	0.27	0.0	1	21	7	3	s.	U. S. Weather Burea
Lutherville ‡‡	Johnson	775	37	87.0	+7.3	116	10	63	1†	40	T	−3.85	T.	0.0	0	12	18	1	se.	H. G. Lenhardt
Madison	St. Francis	209	6	...	...	...	...	...	...	...	0.14	...	0.14	0.0	1	17	2	12	...	J. W. Eppes
Magnolia	Columbia	315	20	85.6	+3.1	110	10	58	1	37	T.	−3.04	T.	0.0	0	3	28	0	s.	State Agri. School
Malvern	...	277	50	...	...	...	...	...	...	...	0.00	−3.70	0.00	0.0	0	24[a]	6[a]	0[a]	...	W. Carl Brown
Mammoth Spring	Fulton	600	32	83.6	+6.1	107	16	54	31	39	0.32	−3.95	0.15	0.0	5	23	7	1	se.	S. F. Whittaker
Marianna	Lee	235	25	83.4	+3.4	104	9	56	30†	36	0.16	−3.10	0.16	0.0	1	22	8	1	s.	C. N. Houck
Marked Tree	Poinsett	229	32	82.7	+3.5	103	28	55	31	38	0.25	−3.38	0.22	0.0	2	19	10	2	n.	Charles Walton
Mena	Polk	1207	48	86.6	+6.7	112	10	60	1	36	0.02	−4.32	0.02	0.0	1	11	16	4	sw.	E. W. St. John
Monticello	Drew	...	1	...	...	...	...	...	...	...	0.00	...	0.00	0.0	0	.	..	..	...	Soil Conservation Ser
Montongo	Drew	...	1	...	...	...	...	...	...	...	0.01	...	0.01	0.0	1	28	0	3	s.	Soil Conservation Ser
Morrilton	Conway	315	17	86.7[f]	+5.0	114[f]	10	62[f]	30	39[f]	0.46	−3.14	0.40	0.0	2	20[f]	4[f]	1[f]	se.	Hugh B. Wear
Mountain Home	Baxter	800	24	85.0	+7.0	112	9	53	31	48	0.18	−4.10	0.13	0.0	2	23	7	1	s.	B. S. Halbert
Mount Ida	Montgomery	650	37	83.1[b]	+3.7	116	10	46[e]	1	47[e]	0.05	−3.45	0.05	0.0	1	20	10	1	e.	G. A. Whittington
Nail	Newton	2233	28	81.4	+5.0	107	10	56	30	32	0.62	−4.00	0.39	0.0	2	25	5	1	s.	Charles Paxton
Newport	Jackson	231	53	84.2	+4.2	106	10	51	30	43	0.04	−3.88	0.04	0.0	1	23	7	1	n	J. D. Henderson
Norman	Montgomery	750	8	...	...	...	...	...	...	...	0.00	...	0.00	0.0	0	19	7	5	sw	U. S. Forest Service
Oden	Montgomery	800	10	...	...	...	...	...	...	...	...	...	...	...	..	..	..	.	...	U. S. Forest Service
Okay	Howard	288	8	...	...	116	10	...	...	...	0.78	...	0.30	0.0	3	16	12	3	s.	Charles R. Jackson
Ozark	Franklin	396	41	88.0	+6.3	120	10	55	1	46	0.36	−3.37	0.28	0.0	2	22	5	4	se.	Orkney O. Milton
Paragould	Greene	275	13	...	...	...	...	...	...	...	1.80	−2.17	1.26	0.0	3	24	5	2	s.	W. R. Heagler
Parkin	Cross	222	6	...	...	...	...	...	...	...	0.55	...	0.35	0.0	2	20	7	4	...	Carroll King
Patterson	Woodruff	204	20	...	...	...	...	...	..	...	0.16	−3.37	0.16	0.0	1	28	3	0	sw.	W. E. Baker
Pine Bluff	Jefferson	215	49	85.1	+3.3	108	10	62	1	34	0.33	−3.10	0.33	0.0	1	20	8	3	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	12	...	...	...	...	...	...	...	0.80	−1.58	0.80	0.0	1	18	11	2	sw.	J. R. Huddleston
Pocahontas	Randolph	300	43	83.0	+3.6	106	18	53	31	43	2.02	−2.83	1.80	0.0	2	12	14	5	s.	Benedictine Sisters
Portland	Ashley	122	30	83.2	+1.8	103	19	55	31	40	0.96	−2.25	0.32	0.0	6	19	9	3	sw.	W. E. Edmiston
Prescott	Nevada	318	48	85.8	+4.2	112	10	61	1	36	0.33	−2.98	0.22	0.0	4	15	12	4	s.	Craig Williams
Rock Springs	Drew	...	1	...	...	...	...	...	...	...	0.00	...	0.00	0.0	0	29	0	2	sw.	Soil Conservation Ser
Rogers (near)	Benton	1300	46	85.9	+8.5	112	10	49	1	48	0.31	−3.59	0.27	0.0	4	19	9	3	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	...	...	...	...	...	...	...	0.16	...	0.16	0.0	1	18	13	0	s.	Miss Clarice Maddox
St. Charles	Arkansas	175	3	83.4	...	105	10	57	31	35	0.00	...	0.00	0.0	0	25	4	2	n.	U. S. Biological Surve
St. Francis	Clay	290	9	...	...	...	...	...	...	...	0.70	...	0.50	0.0	3	24	0	7	...	A. Boyce Boyd, Jr.
Searcy	White	245	26	85.6	+5.5	112	9†	56	31	44	0.27	−3.78	0.24	0.0	2	24	5	2	se	Walter Smith
Springbank	Miller	240	27	...	...	...	...	...	...	...	2.37	−0.73	0.80	0.0	5	17	6	8	...	Henry Field
Story	Montgomery	650	12	...	...	...	...	...	...	...	0.77	−2.07	0.57	0.0	2	23	8	0	s.	S. C. Story
Stuttgart	Arkansas	209	49	83.7	+3.0	105	9†	57	1	40	0.18	−3.21	0.18	0.0	1	25	4	2	s.	Mrs. B. E. Swim
Subiaco	Logan	750	39	88.7	+7.1	117	10	60	1†	40	0.64	−3.15	0.30	0.0	4	9	21	1	se.	New Subiaco Abbey
Texarkana	Miller	332	51	88.5	+6.2	117	10	59	1	41	1.33	−2.29	0.36	0.0	4	17	12	2	s	H. S. Brashear
Thornburg	Perry	650	16	84.2	+5.0	113	10	43	1	51	1.00	−3.05	1.00	0.0	1	13	15	3	s.	Edward E. Holmes
Waldron	Scott	675	17	...	...	...	...	...	...	...	0.11	−3.60	0.06	0.0	3	6	21	4	se.	Dr. Cheves Bevill
Warren	Bradley	206	42	86.2	+4.6	111	10	57	1	40	0.79	−2.74	0.79	0.0	1	11	18	2	n.	Miss Sue Hoyle
Whitecliffs	Little River	290	30	...	...	...	...	...	...	..	...	...	.	...	..	..	..	..	...	William W. Davis
Wilson	Mississippi	237	11	82.7	+4.1	101	18†	54	31	43	0.30	−3.62	0.30	0.0	1	27	3	1	s.	D. O. Anderson
Wynne	Cross	250	28	...	...	...	...	55	31	...	0.41	−3.30	0.30	0.0	2	22	5	4	s.	B. M. Eddins
Yancopin	Desha	167	12	...	...	...	...	...	...	...	0.43	−2.43	0.36	0.0	2	24	0	7	...	W. E. Barton
State Means				85.0	+5.0	120	10	43	1	54	0.44	−3.14	1.80	0.0	2	19	10	2	s.	

Daily Precipitation for August, 1936

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity ||||	Ouachita																																0.00
Arkadelphia ||||	Ouachita		.01	.01						.04										.04													0.10
Arkansas City ||||	Mississippi		T.	T.	T.																				.06	.03							0.09
Batesville ||||	White		.17	.28																													0.45
Bee Branch	Arkansas		.05																														0.05
Benton ||||	Saline		.65	.04																													0.69
Bentonville ***	Arkansas			T.			T.	T.	T.				T				T.	T.				T.	T.	.02					T.	.06			0.08
Big Lake Outlet ||||	St. Francis		.10						T.	.25																							0.35
Black Rock ||||	White		.06						.10	.42																					1.20		1.78
Blytheville ||||	St Francis		.01						.09	.21																					.01		0.32
Booneville	Arkansas			T.														T.	T.	.11		.02						T.					0.13
Boughton ||||	Ouachita																										.20				.12		0.32
Brinkley	White		.13																														0.13
Calico Rock ||||	White		.02	.32														.16												T.			0.50
Camden ||||	Ouachita																									.14							0.14
Carthage	Ouachita																					T				.13							0.13
Center Point	Red																							.19		.02					.90		....
Clarendon ||||	White		.25	.02						T.															.06								0.33
Clinton	White		.03																														0.03
Conway	Arkansas		.20																														0.20
Cornerstone	Arkansas	.35																						.24	.02								0.61
Corning ||||	White								.15	.29								T.		T.													0.44
Cotter ||||	White			T.														.80															0.80
Crossett [near]	Ouachita								.85	.90												.16		T	T.								1.91
Danville ||||	Arkansas			T.																				.15									0.15
Dardanelle ||||	Arkansas		.11	.14																.02													0.27
De Queen	Red									.05	.03													T.		.01							0.09
Dumas	Mississippi	T.	.10																					T.	T.	.10							0.20
Dutton	White		T.														.05	T.						T.						.15			0.20
El Dorado ||||	Ouachita						T.			.19							.04	T		.04			.55			.12	.46				.36		1.76
England	Arkansas		.25																							T.							0.25
Eureka Springs	White															.35		.15					.05							.11			0.66
Fayetteville	White		T.					.02	.91														.02	T.						T.			0.95
Fort Smith ***	Arkansas							T.										.48		.02				T			T.						0.50
Freeman Sprgs. ||||	Arkansas			T.			T.												.49														0.49
Fulton ||||	Red																T.					T.				.03	.07				T.		0.10
Georgetown ||||	White																																0.00
Gilbert ||||	White																																0.00
Glenwood ||||	Ouachita							.21	.12	.18								.30								.11							0.92
Grannis	Red								T.	.21	T.												.06	.02		.07							0.36
Gravette ||||	Arkansas																							.10						.10			0.20
Harrison	White																													.01			0.01
Heber Springs ||||	White			.15																T													0.15
Helena ||||	Mississippi		.11																														0.11
Higden	White		.31																														0.31
Highland	Ouachita																									.15							0.15
Hope	Red																									.75							0.75
Hot Springs	Ouachita		.20															.21								T.							0.41
Index ||||	Red																									T.	.75						0.75
Jessieville ||||	Ouachita		.38	T.															.35												.85		1.58
Jonesboro ||||	White		.07						.04	.62																							0.73
Lead Hill	White		T.	T.				T.	T.			T.						.20												.02			0.22
Little Rock ***	Arkansas	T.	.27	T.																					T.	T.							0.27
Lutherville	Arkansas		T.				T															T.		T.									T.
Madison ||||	St. Francis		.14	T.																													0.14
Magnolia	Red																													T.			T
Malvern	Ouachita																																0.00
Mammoth Spg ||||	White								.08	.02								.15												.04	.03		0.32
Marianna	St. Francis		.16																														0.16
Marked Tree ||||	St. Francis		.03							.22																							0.25
Mena ||||	Ouachita			T					T.	T.							.02							T.	T.		T.			T	T.		0.02
Montongo	Ouachita																							.01									0.01
Morrilton ||||	Arkansas		.40	.06																													0.46
Mountain Home	White		.13														.05																0.18
Mount Ida	Ouachita						.05																										0.05
Nail	White																	.39												.23			0.62
Newport ||||	White									.04																							0.04
Norman ||||	Ouachita																																0.00
Oden ||||	Ouachita																																....
Okay	Red								.27															.21		.30							0.78
Ozark ||||	Arkansas																			.08					.28								0.36
Paragould ||||	St. Francis		.14							1.26																					.40		1.80
Parkin ||||	St. Francis		.20							.35																							0.55
Patterson	White		.16																														0.16
Pine Bluff ||||	Arkansas		.33																														0.33
Pine Ridge ||||	Ouachita							.80																									0.80
Pocahontas	White								1.80																					.22			2.02
Portland ||||	Ouachita				.20					.21							.03	.05							.15	.32							0.96
Prescott ||||	Ouachita																			.01						.22	.08				.02		0.33
Rock Springs	Ouachita																																0.00
Rogers (near)	White			.02				.27										.01													.01		0.31
Rosebud	Arkansas		.16																														0.16
St. Charles ||||	White																																0.00
St Francis ||||	St. Francis		T.						.50	.12																					.08		0.70
Searcy	White		.24	.03																													0.27
Springbank ||||	Red									.23							.20								T.	.52	.62				.80		2.37
Story ||||	Ouachita								.20															.57									0.77
Stuttgart ||||	Arkansas		.18																														0.18
Subiaco	Arkansas			.30			T.											.07			T.		.12	.15									0.64
Texarkana ||||	Red									.18		T.					T.									.15	.90				.10		1.33
Thornburg	Arkansas	T	1.00																		T					T.	T.			T.			1.00
Waldron	Arkansas																.06	.02					.03										0.11
Warren	Ouachita	T.							.79															T.		T.							0.79
Wilson ||||	Mississippi									.30																							0.30
Wynne ||||	St. Francis			.11						.30																							0.41
Yancopin ||||	Arkansas		.07	T.																					.36								0.43

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Altheimer. Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2, Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |||| 24hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for the period to 1935, inclusive.

Daily temperatures for August, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity	Maximum	95	85	98	100	104	108	104	102	112	115	104	106	103	105	107	106	108	108	105	104	105	106	104	95	91	100	103	104	98	99	100	102.7
	Minimum	59	58	74	69	70	71	74	73	74	77	77	73	72	76	76	75	77	76	77	76	..	..	..	..	..	..	..	..	..	74	68	72.5
Batesville	Maximum	89	75	94	99	103	94	93	97	111	110	101	100	99	93	103	106	106	106	102	102	103	101	97	91	93	101	103	102	95	98	93	98.7
	Minimum	46	65	64	66	65	70	67	68	72	67	66	65	67	70	69	71	70	76	70	68	69	71	68	70	73	69	70	66	70	51	49	66.7
Bee Branch	Maximum	90	90	93	96	103	100	96	97	110	110	110	104	100	100	104	105	107	108	104	104	104	102	98	94	95	103	105	104	102	95	98	101.0
	Minimum	58	65	64	65	66	75	71	70	72	70	71	72	68	69	70	72	75	75	72	70	71	74	72	71	72	71	72	66	76	58	55	69.3
Bentonville ***	Maximum	92	85	98	97	98	89	97	102	110	110	105	103	103	103	103	103	103	102	102	100	100	100	103	99	95	98	99	97	87	89	94	98.9
	Minimum	55	67	71	72	76	72	71	77	77	69	71	82	76	76	77	76	76	76	80	78	76	77	73	73	71	74	77	75	66	60	57	72.7
Blytheville	Maximum	79	82	91	97	100	81	88	86	86	96	96	94	87	91	97	100	104	103	101	101	101	100	96	96	95	99	103	102	92	90	93	94.4
	Minimum	54	66	65	70	70	72	65	68	72	74	68	70	70	69	75	74	75	71	69	71	72	74	74	71	72	72	73	69	69	57	53	69.2
Booneville	Maximum	96	91	100	103	107	102	101	104	115	118	109	107	105	108	106	106	105	108	102	103	103	104	103	97	93	105	103	104	100	97	101	103.4
	Minimum	53	71	72	67	70	74	74	76	75	75	79	80	77	76	75	74	77	73	78	72	74	78	75	75	74	75	74	70	76	57	60	72.8
Brinkley	Maximum	80	82	92	96	99	94	94	96	106	108	100	97	95	97	100	103	105	104	103	101	100	101	99	95	97	101	103	103	95	94	97	98.0
	Minimum	58	66	68	71	70	74	72	70	73	74	72	70	70	69	70	73	73	72	72	70	74	73	78	72	72	73	75	70	73	61	53	70.4
Calico Rock	Maximum	93	83	97	95	97	93	93	94	109	103	97	96	101	104	104	102	105	103	107	105	105	102	99	95	99	106	110	108	98	97	102	100.1
	Minimum	53	67	68	70	69	77	71	75	75	70	70	70	71	75	76	76	75	75	77	75	76	76	74	74	75	75	77	70	75	56	54	71.5
Camden	Maximum	90	88	94	96	100	104	99	99	106	115	113	106	105	103	102	102	103	106	102	101	103	103	102	92	92	98	101	101	103	96	96	100.7
	Minimum	55	64	57	71	69	69	64	63	73	68	64	62	60	61	63	64	65	74	71	64	72	74	72	74	72	73	71	66	79	70	62	67.3
Carthage	Maximum	86	83	95	97	102	101	98	97	108	114	105	102	100	101	103	103	105	105	102	101	103	103	94	92	93	100	102	102	99	96	96	99.7
	Minimum	55	63	69	69	69	71	70	70	70	77	80	82	67	67	67	71	74	74	69	71	70	70	70	73	71	70	72	64	66	67	57	69.5
Conway	Maximum	93	80	95	100	103	97	99	98	112	115	102	103	100	102	101	106	108	107	106	104	105	106	99	94	95	101	105	106	97	99	100	101.3
	Minimum	56	66	66	67	69	73	71	72	73	69	70	72	70	70	71	72	73	74	73	73	73	74	73	72	72	72	72	69	72	58	56	69.8
Corning	Maximum	84	82	98	99	103	91	94	87	101	102	94	93	101	101	105	108	108	110	107	105	106	103	95	96	99	100	108	102	98	89	98	98.9
	Minimum	55	66	66	71	68	73	64	67	74	71	70	69	69	71	73	74	71	75	71	68	74	74	73	72	71	73	75	70	74	55	54	69.4
Crossett	Maximum	88	95	93	96	99	102	103	102	103	103	100	99	97	98	97	94	101	102	100	101	99	100	96	96	98	99	101	101	98	96	95	98.5
	Minimum	62	66	56	67	68	68	68	65	70	70	70	70	68	68	68	72	71	70	69	69	70	71	73	74	74	70	67	64	72	71	57	68.3
Dardanelle	Maximum	95	90	97	99	102	96	97	96	109	113	105	102	100	103	104	105	106	106	103	102	103	103	100	95	95	101	103	102	94	96	99	100.7
	Minimum	57	66	65	68	71	74	72	73	73	70	74	75	72	71	71	75	76	73	75	73	74	75	74	74	74	74	74	70	75	59	56	71.1
De Queen	Maximum	94	87	94	96	100	102	101	103	106	114	104	103	101	102	104	102	104	104	102	100	101	102	102	95	87	99	100	101	95	97	97	100.0
	Minimum	59	64	68	65	69	68	75	75	71	73	72	77	74	70	72	71	73	73	74	70	73	73	75	73	75	72	71	67	72	70	61	70.9
Dumas	Maximum	74	92	96	99	103	100	98	102	108	112	100	97	100	99	102	103	107	106	106	105	103	103	95	97	101	94	105	107	102	96	98	100.3
	Minimum	56	66	69	70	70	72	73	72	74	77	70	71	70	70	72	74	75	72	75	73	75	74	74	74	74	73	73	70	75	68	67	71.5
Dutton	Maximum	90	75	94	96	99	93	95	97	108	109	99	99	97	99	101	100	99	100	99	97	97	99	98	92	86	96	98	94	85	90	92	95.9
	Minimum	43	59	67	60	65	69	64	69	68	58	63	72	67	64	65	66	69	65	68	65	66	70	66	66	67	67	65	62	64	45	46	63.5
El Dorado	Maximum	84	93	95	98	101	104	104	106	108	112	107	105	102	103	99	103	105	107	102	102	105	102	96	92	88	98	100	101	98	97	97	100.5
	Minimum	57	65	71	72	74	73	74	75	76	76	75	76	76	78	73	74	76	75	74	75	75	76	75	76	74	74	74	73	77	71	65	73.4
England	Maximum	85	78	92	96	99	96	98	94	111	110	101	..	99	98	102	102	105	105	103	103	103	103	94	..	96	99	102	103	98	96	97	98.9
	Minimum	57	65	70	71	71	72	71	71	73	74	70	..	69	70	70	74	75	75	73	72	72	73	73	..	71	72	74	70	73	63	57	70.4
Eureka Springs	Maximum	94	85	98	100	98	90	99	101	112	112	107	106	107	106	107	107	103	104	103	102	103	103	105	103	94	101	101	100	91	92	95	101.0
	Minimum	58	67	68	74	78	71	69	75	78	74	71	79	77	75	77	77	70	76	80	79	76	77	72	71	71	74	78	77	65	61	61	72.8
Fayetteville	Maximum	91	90	97	98	101	90	100	98	108	109	106	103	102	103	104	105	103	102	102	100	99	99	102	98	94	98	99	98	95	91	94	99.3
	Minimum	50	64	70	73	78	73	70	73	79	68	70	80	79	79	77	75	78	75	79	78	77	78	73	71	72	74	78	77	70	53	55	72.5
Fort Smith***	Maximum	96	87	99	100	103	99	98	105	109	113	104	105	104	105	103	105	104	104	101	100	101	100	102	95	95	100	102	100	90	94	96	100.6
	Minimum	64	71	72	74	77	78	77	78	79	80	81	82	79	77	79	78	70	77	82	78	79	80	77	77	75	76	79	77	75	65	66	76.1
Gilbert	Maximum	89	91	94	97	98	104	92	96	100	113	113	103	104	104	104	104	107	108	106	106	104	104	105	100	95	98	103	101	95	95	92	100.8
	Minimum	45	58	60	62	61	70	64	65	67	59	62	62	64	65	65	64	65	65	71	66	64	65	62	67	65	64	66	65	63	61	47	62.9
Gravette.§§	Maximum	95	91	101	104	99	92	104	106	112	113	109	106	107	107	108	107	107	107	106	103	104	106	105	104	99	102	103	101	90	93	98	102.9
	Minimum	50	59	66	72	73	71	71	73	73	65	70	77	75	75	74	73	75	73	77	76	73	76	71	71	71	71	74	70	64	54	58	70.0
Harrison	Maximum	92	85	101	101	104	90	95	104	110	111	103	106	105	107	108	109	105	109	107	107	105	104	102	102	95	104	105	104	104	92	99	102.4
	Minimum	50	66	66	67	68	72	68	68	68	69	69	69	73	74	76	75	72	72	80	72	75	75	72	70	70	73	75	74	69	55	51	69.5
Helena	Maximum	78	81	89	93	95	92	92	91	100	100	93	95	95	94	95	98	100	100	99	98	100	99	96	92	93	96	99	101	93	91	93	94.5
	Minimum	59	64	68	71	72	72	73	73	73	75	69	72	72	72	72	75	75	69	75	74	76	76	74	73	72	74	74	71	73	66	58	71.4
Highland	Maximum	94	96	95	93	95	98	102	104	108	116	103	102	100	101	104	104	105	108	105	102	103	104	103	92	90	100	100	102	98	97	96	100.6
	Minimum	60	71	70	70	70	71	73	72	74	75	76	75	72	71	72	71	75	73	75	72	72	73	73	70	72	71	73	73	70	70	64	71.6
Hot Springs	Maximum	94	87	99	102	108	99	102	97	114	115	107	108	107	105	103	109	110	111	107	104	106	107	107	95	98	105	107	106	100	100	100	103.8
	Minimum	57	65	67	72	72	79	73	74	75	84	75	75	72	73	75	74	75	71	75	74	75	76	75	74	74	74	77	73	75	73	62	73.1
Jonesboro	Maximum	83	77	94	99	102	95	94	88	101	109	96	96	97	97	100	103	104	105	103	102	102	100	96	97	96	101	105	103	96	91	95	97.4
	Minimum	62	65	65	72	74	75	72	69	72	75	71	71	70	71	74	75	75	73	76	72	75	74	74	72	71	75	77	75	74	61	58	71.5
Lead Hill	Maximum	92	88	100	97	105	89	93	100	111	112	102	108	104	107	109	110	105	109	106	104	105	106	104	99	96	101	109	104	93	95	101	102.1
	Minimum	47	67	67	65	67	71	65	72	69	64	65	70	70	73	73	73	71	70	78	72	75	73	70	70	70	71	73	68	65	51	49	67.9
Little Rock.***	Maximum	85	77	91	94	98	92	94	89	108	110	96	96	95	96	98	100	101	100	99	98	98	98	91	90	91	97	98	99	91	91	94	95.3
	Minimum	66	66	72	70	73	76	74	76	75	76	78	78	75	75	76	75	78	78	78	77	77	78	77	75	74	74	75	76	78	68	65	74.5
Lutherville	Maximum	94	80	99	101	105	101	98	100	114	116	102	103	101	104	106	108	108	108	106	103	105	104	101	94	93	100	103	101	94	95	92	101.3
	Minimum	63	65	68	68	74	75	71	74	74	76	75	77	73	73	73	74	75	74	78	75	76	78	75	73	73	73	74	74	76	63	64	72.7
Magnolia	Maximum	87	93	94	95	98	102	100	103	104	110	103	101	100	101	99	101	103	100	100	100	101	101	99	95	90	98	99	100	100	95	96	99.0
	Minimum	58	65	69	70	71	70	74	74	77	73	76	76	75	73	72	72	73	73	74	74	73	77	76	75	72	74	73	68	77	69	66	72.2
Mammoth Spring	Maximum	93	90	96	97	102	97	91	93	103	103	95	100	99	99	105	107	102	105	104	103	101	100	99	95	94	99	104	102	96	90	93	98.6
	Minimum	57	65	64	65	65	75	69	68	73	69	69	68	68	71	76	74	70	69	72	72	72	69	72	72	73	73	73	71	65	56	54	68.7
Marianna	Maximum	83	81	89	95	98	93	94	93	104	100	94	95	95	94	95	100	101	95	99	94	98	98	96	89	95	97	97	101	96	92	92	94.9
	Minimum	60	65	69	72	73	75	74	72	74	74	71	71	71	72	74	76	77	71	76	76	76	76	76	74	74	75	74	73	76	56	56	71.9
Marked Tree§§	Maximum	76	80	91	96	99	92	93	85	101	100	100	95	95	95	96	99	102	102	99	99	99	100	95	93	93	98	102	103	87	92	93	95.2
	Minimum	59	66	67	71	72	77	71	70	69	73	69	72	69	68	72	75	76	72	70	70	72	74	69	73	72	74	74	71	73	60	55	70.2
Mena	Maximum	93	92	98	98	103	103	99	102	110	112	106	105	103	104	105	106	107	107	103	103	104	103	101	95	93	102	103	103	95	95	97	101.6
	Minimum	60	66	70	67	70	73	74	72	75	76	74	76	71	70	72	72	75	73	75	71	75	73	74	70	74	73	74	72	71	67	62	71.5
Morrilton	Maximum	..	..	..	..	..	..	96	94	110	114	101	102	99	101	103	105	105	105	103	102	102	103	100	92	93	102	103	104	93	96	101	101.2
	Minimum	..	..	..	..	..	..	71	72	72	75	72	81	72	72	73	71	77	74	74	74	72	73	74	71	73	72	72	72	72	62	62	72.2
Mountain Home	Maximum	92	79	98	98	105	88	94	100	112	110	100	105	105	105	108	109	106	108	108	103	107	104	103	98	94	104	107	105	87	93	101	101.2
	Minimum	58	66	66	66	68	73	67	71	70	68	70	70	69	70	73	73	70	72	74	72	73	74	72	70	70	70	72	70	69	56	53	68.9
Mt. Ida	Maximum	53	85	96	98	103	105	99	101	110	116	101	104	101	102	105	104	106	107	103	101	103	102	101	93	90	100	101	103	94	98	96	100.7
	Minimum	46	65	60	60	63	68	69	68	68	77	67	..	..	..	..	..	71	67	70	66	69	71	70	68	69	70	68	62	64	56	50	65.5
Nail	Maximum	86	88	90	92	96	88	90	93	104	107	96	96	94	96	98	100	99	97	98	95	97	96	97	88	83	92	94	95	90	88	89	93.9
	Minimum	58	61	62	70	78	70	63	70	74	78	74	71	70	68	70	75	70	71	76	72	77	75	71	70	66	66	67	63	61	56	57	68.8
Newport	Maximum	80	78	95	98	102	92	96	93	109	106	100	100	99	98	100	104	195	105	103	102	103	103	98	96	95	100	104	104	92	93	96	98.4
	Minimum	57	69	69	71	70	76	73	71	75	70	70	67	68	70	73	74	73	75	69	68	73	73	72	71	72	73	75	75	75	51	53	70.0
Ozark	Maximum	100	92	101	105	107	106	100	103	115	120	105	107	106	107	108	109	111	107	105	104	104	105	104	97	94	101	101	104	96	98	102	101.0
	Minimum	55	70	72	68	73	78	77	80	75	74	74	78	75	74	73	71	78	70	78	73	73	80	74	73	70	70	70	69	75	57	59	72.1
Pine Bluff	Maximum	79	81	91	93	97	94	95	93	104	108	96	97	95	96	99	100	104	103	101	101	102	99	91	92	95	100	100	102	95	93	97	96.5
	Minimum	62	65	71	72	74	75	75	75	75	79	77	74	73	73	73	75	77	76	76	75	75	76	76	74	75	75	77	75	76	72	63	73.7
Pocahontas	Maximum	90	80	95	96	103	96	94	87	101	99	95	96	96	96	100	103	104	106	102	102	103	100	98	95	96	100	105	105	102	92	96	97.8
	Minimum	59	65	63	69	65	78	68	66	73	71	67	68	67	68	72	72	72	78	68	65	71	71	70	70	70	71	72	67	66	57	53	68.1
Portland	Maximum	81	90	93	95	98	100	100	101	100	103	99	97	96	97	100	100	101	101	101	100	101	100	94	94	95	98	98	100	99	92	95	97.4
	Minimum	59	61	69	67	70	69	71	70	71	74	70	68	68	68	72	70	72	70	71	70	73	72	74	72	70	69	67	66	73	67	55	69.0
Prescott	Maximum	91	85	94	97	99	103	100	101	106	112	104	101	101	100	102	102	104	103	101	101	102	102	102	95	93	98	99	100	98	95	96	99.6
	Minimum	61	65	67	70	71	71	74	73	74	76	75	73	70	72	72	72	75	75	74	73	74	75	75	73	73	73	71	74	75	71	64	72.1
St. Charles§§	Maximum	72	83	90	95	97	97	97	95	104	105	99	95	94	95	95	94	100	98	99	98	97	98	94	91	94	94	98	100	94	90	92	95.0
	Minimum	59	64	71	71	72	75	76	76	72	77	78	70	70	72	73	74	73	72	73	72	74	73	74	72	71	74	74	72	72	70	57	71.7
Searcy	Maximum	89	80	96	100	103	91	97	98	112	112	101	102	101	100	104	107	110	107	105	104	106	104	95	96	93	103	106	106	94	95	100	100.7
	Minimum	63	66	66	66	68	74	72	71	73	71	71	70	70	70	70	73	74	78	71	70	73	74	74	72	72	73	75	70	76	60	56	70.4
Stuttgart	Maximum	79	80	93	95	98	94	98	95	105	98	98	99	98	100	102	102	105	105	102	102	103	102	95	96	97	102	103	103	96	95	98	98.0
	Minimum	57	64	66	69	69	71	71	70	71	71	69	68	68	69	72	72	73	72	70	70	72	72	70	70	71	71	74	70	74	67	58	69.4
Texarkana	Maximum	96	92	97	98	103	108	106	110	110	117	109	108	106	107	107	105	106	107	106	103	106	101	103	96	89	99	100	101	102	96	97	103.0
	Minimum	59	67	72	73	75	73	75	76	77	76	77	78	77	76	74	73	76	78	77	76	75	76	78	73	74	74	74	73	75	70	68	74.0
Thornburg	Maximum	94	78	92	96	103	100	97	98	110	113	102	104	102	103	106	106	107	105	105	102	105	105	102	94	95	101	102	102	94	95	98	100.5
	Minimum	43	63	67	66	63	64	64	68	72	75	64	71	76	76	76	73	70	71	73	70	70	74	70	72	72	74	73	65	66	51	52	67.9
Warren	Maximum	95	95	97	98	101	104	103	109	105	111	108	103	100	100	100	103	103	105	104	103	102	102	101	101	98	100	101	103	102	104	100	101.7
	Minimum	57	60	71	70	71	73	71	72	74	76	70	79	72	69	71	72	72	75	72	72	72	72	72	74	71	75	74	66	62	72	65	70.8
Wilson	Maximum	84	80	89	93	96	95	92	89	99	99	94	95	95	95	94	98	100	101	99	99	100	98	94	94	93	97	101	100	98	87	97	95.0
	Minimum	56	65	66	72	73	75	68	68	72	73	67	70	70	70	73	77	75	71	70	70	73	75	75	74	74	73	75	73	71	65	54	70.4

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day.

Weather Bureau Office. Little Rock. Ark. 10-1-36-1200

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

H. S. COLE

L. XLI   Little Rock, Ark., September, 1936   No. 9

Price: 5 Cents per Copy; 50 Cents per year

GENERAL SUMMARY

Temperature and precipitation were both above normal,
is being the warmest September since 1925. High tempera-
res prevailed in the western portion until the middle of the
onth but they were not near so high in the eastern portion.
e average temperature for the State, based on the reports of
stations, was 78.9° which is 4.5° above the 46-year mean,
stations having positive departures. Monthly means ranged
m 73.5° at Dutton to 82.9° at Texarkana. The highest
nperature reported was 109° at Highland and Hot Springs
the 5th; the lowest, 38° at Dutton on the 30th.

Moderate to heavy rains occurred in much of the northern
lf of the State the first of the month and about the 10th but
nfall was light and scattered in central and southern sec-
ns. Heavy showers began about the 16th in the northern
rtion and became more general from the 20th to the 28th,
st sections of the State except the southeastern and some
thwestern localities receiving good rains during this period.
e average precipitation for the State for the 93 stations re-
rting was 4.75 inches which is 1.35 inches above the 46-year
an. Monthly amounts ranged from 0.27 inch at Yancopin
13.52 inches at Freeman Springs. The greatest 24-hour
ount measured was 4.33 inches at De Queen on the 27th.

The rainfall and warm weather were very favorable for the
velopment of green bolls in the heavy cotton producing sec-
ns but the plants were too near dead elsewhere for much im-
ovement. Picking and ginning were delayed somewhat in
northern portion by the continued rainy weather the latter
t of the month but in many southern and western localities
king was almost completed by the close of the month. The
ather was favorable for gathering corn and feed crops except
the northern portion where rainfall was heaviest and most
quent. The soil was in good condition in the northern half
the State most of the month for the growth of fall crops but
dry in east-central and southern sections. T.A.M.

VINDSTORM:---Grannis (3 miles southeast of), 9th, $200 damage.
Killed by Lightning:---Near Stuttgart, 8th, one.

orrection, July:--Bentonville, lowest barometer should be 29.75 on 19th.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1	2	.	.	.	1	.	.	.	.	.	.
Light Hail	.	1		.	.	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.		1	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		.	.	.	.	.	.	.	.
Thunderstorms	2	10	5	1	2	3	3	17	24	3	1	1	.	2	1	9	4	2	10	16	8	18	12	11	.	9	9	4	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29 98	30.23	17	29.56	1	6.2	23	nw	23	..	..	..	60
Fort Smith	29.92	30.18	17	29.60	2	7.8	31	nw	9	77	52	56	61
Little Rock	29.97	30.18	17	29.66	2	8.0	25	n	23	87	57	59	71
Memphis	29.98	30.20	17	29.67	2	6.6	24	nw	23	82	62	63	65

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	73.4	102	40	0.94	0	2	22	6	2
1892	70.8	96	32	2.14	0	3	23	4	3
1893	74.0	103	36	3.75	0	5	19	5	6
1894	73.1	100	38	3.56	0	6	14	8	8
1895	77.1	105	32	1.36	0	4	19	7	4
1896	73.3	106	35	3.25	0	10	11	9	10
1897	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899	71.9	109	28	1.21	0	3	20	7	3
1900	78.0	104	48	4.25	0	7	12	12	6
1901	72.6	101	32	3.08	0	4	18	8	4
1902	68.4	99	30	5.06	0	8	15	8	7
1903	70.7	102	34	2.47	0	5	18	7	5
1904	75.4	101	37	2.46	0	5	15	9	6
1905	74.2	100	44	3.90	0	8	16	7	7
1906	75.7	100	47	6.24	0	10	11	9	10
1907	73.9	106	38	2.22	0	4	19	8	3
1908	73.4	101	29	4 00	0	7	13	8	9
1909	74.7	108	31	2 84	0	5	18	7	5
1910	76.4	101	44	2.41	0	5	18	8	4
1911	79.0	102	46	3.67	0	6	18	9	3
1912	78.5	106	32	2.40	0	4	18	8	4
1913	71.7	108	33	10.10	0	13	9	9	12
1914	74.4	101	38	3.19	0	5	16	9	5
1915	74.9	100	34	1.43	0	3	16	8	6
1916	72.5	102	30	3.40	0	6	19	6	5
1917	71.8	99	37	1.76	0	4	18	7	5
1918	67.3	104	29	4.63	0	7	16	5	9
1919	74.6	108	40	2.72	0	4	15	8	7
1920	74.9	100	30	3.56	0	6	17	6	7
1921	79.6	104	35	3.38	0	6	14	9	7
1922	76.2	106	37	1.25	0	3	22	5	3
1923	73 0	98	45	5.56	0	9	12	7	11
1924	69.7	103	29	3.99	0	7	17	5	8
1925	80.5	113	47	5.96	0	7	16	7	7
1926	76.8	101	40	3.99	0	7	14	8	8
1927	75.9	105	32	3.37	0	6	15	8	6
1928	70.5	101	32	0.45	0	1	22	5	3
1929	73 4	102	41	2.46	0	5	15	8	7
1930	75.7	106	35	4.10	0	8	15	8	7
1931	78.4	102	34	1.00	0	3	22	7	1
1932	73.8	103	35	2.54	0	6	12	10	8
1933	78.5	102	41	5.10	0	8	15	8	7
1934	71.3	100	37	5.46	0	8	15	7	8
1935	72.4	103	35	3.13	0	5	18	5	7
1936	78.9	109	38	4.15	0	7	12	10	8
Period	74.4	113	28	3.40	0	6	16	8	6

Daily River Stages for September, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
t Smith or	..Arkansas	22																				7.4	7.8	7.2	7.0	7.0	9.0	8.0	9.3	9.8	18.5	20.0	
n Buren			2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.2	3.2	3.4	3.4	3.4	3.3	3 1	3.1	3.0	3 1	3.1	3.2	7.1	8.3	7.8	7.5	7.4	9.6	8.8	10.3	11.0	19.5	21.0	
rk	do	22	-0.2	-0.2	-0.3	-0.3	-0.4	-0.4	-0 5	-0.5	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	3.0	3.4	3.0	3.0	3.2	3.6	4 7	7.8	12.8	16.0	
rdanelle	do	22	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1 7	2.1	2.3	2.2	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.4	5.7	6.8	6.3	6.5	6.7	7.7	10.0	12.0	17.0	
rrilton	do	20	-3.6	-3 7	-3.8	-3.8	-3.8	-3.9	-3.9	-3.9	-3.9	-4 0	-3 9	-3.9	-3.9	-3.4	-3.4	-3.4	-3.5	-3.6	-3.5	-3.5	-3.5	-3 3	0.9	1.3	1.4	1.4	2.5	3.3	7.3	11.9	
tle Rock.	do	23	-1.5	-1.5	-1.6	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.8	-1.8	-1.7	-1.5	-1.4	-1.4	-1.3	-1.4	-1.4	-1.5	-1.5	-1.5	-1.3	1.6	2.6	2.6	2.5	3.3	4.8	8.5	
e Bluff	do	25	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0 2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.5	0.6	3.6	5.4	5.7	5.6	6.6	9.1	
ville	.Petit Jean.	20																								1.3	1.2	1.2	1.4	1.4	1.3	1.3	
rkBeachMo	...White...	30	-0 9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.9	-1.0	-1.0	-0.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.8	-0.8	-0.8	3.7	8.2	9.7	5.8	4.5	8.2	11.1	10.8	
ter	do	21	1.0	1.3	2 4	2.6	2.6	2.6	2.6	2 6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.7	2.6	2.6	2.8	2.6	2.6	2.6	6.6	9.9	10.1	7.0	9.6	10.8	11.8	
ico Rock	do	18	-1.2	-1.1	-1.0	-0.9	-0.9	-0.9	-1 0	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-1.1	-1.0	-0.1	0.2	0.1	0.1	-0.1	-0.2	0.0	1.1	8.0	9.0	6.5	5.3	12.0	11.0	
esville	do	23	3.2	3.3	4.4	3.8	3 5	3 4	3.4	3.5	3.5	3.6	3.4	3.4	3.4	3 4	3 4	3.4	4.4	5.1	4.6	4.8	4.7	4.3	4 2	5.5	7.5	14.7	14.6	11.2	13.9	18 0	
vport	do	26	-1.4	-1.4	-1.3	-0.8	-0.5	-0.2	0.0	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.5	-0.5	-0 7	-0.8	0.4	2.3	1.0	0.6	0.4	0.2	0 5	2.4	6.8	10.2	9.8	7.8	12.5	
rgetown	do	21	-1.7	-1.7	-1.7	-1.7	-1 7	-1.3	-0.9	-0.5	-0.3	-0 1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.5	-0.8	-0 9	-0.9	0.8	1.7	1.4	-0.1	-0.2	-0.3	0.5	4.5	8.4	9.9	9.7	
rendon	do	26	4.7	4.6	4.6	4.6	4.7	4 8	4.9	5.1	5.4	5.8	6.0	6.1	6.2	6.2	6.2	6.1	6.0	5.8	5.7	5.6	6.1	7.2	7.6	7.6	7.4	7.3	7.5	8.7	11.4	13.6	
bert	Buffalo	30	2.3	2.4	2 5	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2 5	2.5	2.4	2 4	2.4	3.6	3.9	4.0	3.2	3.1	3.1	3.1	7.0	5.0	4.3	4.0	11.3	6.8	5.4	
ck Rock	...Black...	14	0.6	0.7	1 0	2.5	2.8	3.0	3.0	2.8	2.5	2.5	2.3	1.8	1.6	1.4	1.3	1.2	3.2	2.1	1.8	1.8	1.8	1.6	1.6	2.9	2.9	2.9	3.0	1.8	1.5	1.3	
adelphia	.Ouachita..	17	3.3	3.7	3.9	3.7	4.6	4.7	3.9	3.3	3.4	4.5	5.0	5.2	5.8	3 9	3.4	4.1	4.0	4.2	4.0	4.4	3.9	3.6	3.8	4.0	3.6	3.5	3.5	4.3	4.7	4.4	
nden	.Ouachita..	26	4.3	4.3	4.0	3.9	3.8	3.7	3.6	4.1	4.3	4.0	4.0	3.9	4.6	4.8	4.9	4.5	4.0	4.1	4.6	4.4	4.1	4.2	4.2	4.2	3.8	4.0	4.0	3.9	3.8	3.7	
ton	....Red....	25	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2 6	4.3	4.7	4.7	4.6	4.5	4.8	12.5	14.8	15.6	13.4	11.9	15.5	18.5	21.3	
ena	Mississippi	41	1.1	1.1	1.4	2.4	3.2	3.6	3.6	3.5	3 7	3.3	2.9	2.8	3.2	3.4	3.1	2.5	2.0	1.8	1.6	1.7	2.3	2.5	2.5	2.7	3.3	4.0	4.7	5.4	5.8	5.8	
ansas City	do	48	-4.5	-4.4	-4.0	-3.9	-3.6	-2 6	-2.1	-1.8	-1.7	-1.6	-1.6	-2.0	-2.3	-2.3	-2.0	-1.9	-2.3	-2.7	-3.0	-3.2	-3.3	3.3	-2.9	-2.7	-2.6	-2.3	-1 5	-0.6	0.1	1.0	

Climatological Data for September, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	80.3[a]	+ 5.5	107	5	52[a]	30	37[a]	4.02	+0.54	2.05	0.0	7	7[a]	20[a]	2[a]	s.	J. W. Campbell
Arkadelphia	Clark	200	41	......	......	......	......	......	......	......	1.71	−1.63	0.67	0.0	7	11	17	2	sw.	Mrs. Ted R. Carpent
Arkansas City	Desha	145	52	......	......	......	......	......	......	......	0.60	−2.35	0.48	0.0	3	22	2	6	......	Herbert Neff
Batesville	Independence	277	37	75.8	+ 3.2	98	8†	46	25	34	5.53	+1.78	1.10	0.0	11	12	10	8	se.	Mrs. C. M. Barnwe
Bee Branch	Van Buren	700	44	78.4	+ 4.2	101	3†	50	25	35	4.10	+0.90	1.00	0.0	6	5	18	7	s.	J. E. Scanlan
Benton	Saline	285	1	......	......	......	......	......	......	......	2.16	......	0.94	0.0	8	19	5	6	......	S. A. Burks
Bentonville	Benton	1295	31	76.0	+ 5.2	100	6	47	30	31	10.32	+6.54	2.38	0.0	13	7	10	13	s.	U. S. Weather Bure
Big Lake Outlet ‡‡	Mississippi	239	6	......	......	......	......	......	......	......	4.29	......	1.91	0.0	5	10	8	12	......	C. J. Brooks
Black Rock	Lawrence	259	35	......	......	......	......	......	......	......	5.77	+1.82	1.90	0.0	7	17	2	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	11	76.6	+ 2.2	95	8†	46	25	33	6.46	+3.01	3.32	0.0	6	22	5	3	s.	Samuel Norris
Booneville	Logan	465	22	80.9	+ 5.3	107	5	47	30	36	5.19	+2.16	1.53	0.0	11	4	16	10	e.	F. H. Randolph
Boughton ‡‡	Nevada	235	1	......	......	......	......	......	......	...	2.40	......	0.83	0.0	7	12	9	9	......	Harry Buie
Brinkley	Monroe	205	49	80.0	+ 5.2	102	11	49	25	33	1.55	−2.43	1.02	0.0	4	7	12	11	ne.	R. J Torry
Calico Rock	Izard	361	32	79.6	+ 6.9	104	11	51	25	37	7.66	+4.29	3.31	0.0	8	14	6	10	se.	W. M. Jones
Camden	Ouachita	116	51	81.9	+ 6.4	104	5	54	30	34	1.61	−1.60	0.71	0.0	5	6	15	9	se.	J M. Knight
Carthage	Dallas	297	31	80.1	+ 5.7	105	5	48	30	36	2.56	−0.89	1.45	0.0	3	6	23	1	s.	P. K. Wylie
Center Point	Howard	591	37	......	......	......	......	......	......	......	......	......	..	...	..	..	..	..	......	John C. Floyd
Clarendon	Monroe	172	32	......	......	......	......	......	......	......	2.11	−1.33	0.78	0.0	10	12	5	13	s.	R. M. Wheatley
Clinton	Van Buren	516	15	......	......	......	......	......	......	......	6.70	+3.02	1.53	0.0	11	12	15	3	sw.	A L. Stephens
Conway	Faulkner	309	53	80.8	+ 5.5	105	5	48	25	37	2.65	−0.82	0.96	0.0	8	17	8	5	s.	E. E Cordrey
Cornerstone ‡‡	Jefferson	195	25	79.5	+ 4.4	99	4†	46	25	37	0.30	−3.29	0.15	0.0	5	15	14	1	se.	P. B. Hutchens
Corning	Clay	293	43	76.7	+ 4.1	100	13	46	25	34	3.43	−0.21	1.30	0.0	8	16	7	7	sw.	Winfred D. Polk
Cotter	Baxter	440	9	......	......	......	......	......	......	......	8.56	......	3.60	0.0	8	16	6	8	......	O. B. McSpadden
Crosset (near)	Ashley	175	24	81.0	+ 5.5	102	4	50	30	34	1.22	−1.40	0.30	0.0	6	10	12	8	se.	U. S. Forest Servic
Danville	Yell	327	20	......	......	......	......	......	......	......	3.01	−0.38	0.98	0.0	6	13	7	10	......	J. M. Patterson
Dardanelle	Yell	330	50	80.4	+ 5.2	103	10	47	31	35	3.17	−0.12	0.89	0.0	10	3	20	7	se.	Geo. N. Goodier
De Queen	Sevier	426	1	81.1	......	105	5	48	30	38	5.60	......	4.33	0.0	9	9	14	7	se.	E. B. Smith
Dumas	Desha	162	31	82.4	+ 6.3	107	11	50	25	37	0.29	−2.60	0.12	0.0	4	3	20	7	s.	Ben Johnson
Dutton	Madison	1590	34	73.5	+ 4.8	97	5	38	30	34	13.22	+9.09	3.51	0.0	12	0	23	7	s.	J. M. Ricketts
El Dorado	Union	270	36	82.6	+ 5.4	104	5	53	30	35	0.92	−2.23	0.39	0.0	7	12	13	5	sw.	F. W. Gaston
England	Lonoke	229	30	81.6[d]	+ 6.2	104[d]	4	49[d]	25	32[d]	0.83	−2.94	0.46	0.0	5	17[d]	5[d]	4[d]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	76.1	+ 4.1	101	6	46	30	31	10.37	+6.15	2.44	0.0	13	14	8	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	76.5	+ 4.4	100	5†	47	30	30	10.92	+7.37	2.16	0.0	16	9	11	10	s.	University of Arka
Fort Smith	Sebastian	448	55	79.8	+ 5.4	103	5	51	30	31	8.08	+5.09	3.71	0.0	11	6	14	10	e.	U. S. Weather Bu
Freeman Springs ‡‡	Pope	2240	12	......	......	......	......	......	......	......	13.52	+8.37	3.14	0.0	11	15	5	10	sw.	R. J. McCuiston
Fulton	Hempstead	260	51	......	......	......	......	......	......	......	4.27	+1.62	1.20	0.0	6	14	8	8	......	T. J. Logan
Georgetown	White	200	24	......	......	......	......	......	......	......	4.10	+0.21	1.10	0.0	8	12	4	14	......	Mrs. W. R. Owens
Gilbert	Searcy	600	10	75.4	......	101	13	45	30	39	8.16	......	2.80	0.0	10	20	4	6	......	F. J. King
Glenwood	Pike	547	1	......	......	......	......	......	......	......	6.15	......	3.25	0.0	9	17	5	8	......	C. A. Price
Grannis	Polk	900	17	78.1	+ 4.5	103	5	43	30	39	7.75	+2.93	4.25	0.0	12	9	15	6	se.	W. E. McVay
Gravette	Benton	1250	39	75.4	+ 4.6	103	10	43	30	36	8.07	+4.36	2.32	0.0	10	10	9	11	sw.	Max W. Schmidt
Harrison	Boone	1052	36	76.4	+ 6.2	99	12†	46	30	33	11.67	+7.64	2.09	0.0	16	16	4	10	sw.	Louis R. Keck
Heber Springs	Cleburne	....	1	......	......	......	......	......	......	......	6.25	......	1.34	0.0	10	12	3	15	......	R. L. Black
Helena	Phillips	300	64	79.3	+ 3.9	97	12	55	25	28	2.70	−0.38	1.30	0.0	3	8	8	14	ne.	James A. Burnett
Higden	Cleburne	445	17	......	......	......	......	......	......	......	5.88	+2.19	3.05	0.0	6	18	7	5	se.	Trumon Brown
Highland	Pike	491	17	81.3	......	109	5	51	28	39	5.20	......	4.00	0.0	5	1	20	9	s.	J. O. Cooley
Hope	Hempstead	354	66	......	......	......	..	..	..	..	......	......	....	...	..	..	..	..	......	N. P. O'Neal
Hot Springs	Garland	600	45	81.0[d]	+ 5.3	109	5	48[i]	30	37[i]	4.72	+1.22	2.69	0.0	8	1	26	3	s.	National Park Ser
Index ‡‡	Little River	275	19	......	......	......	......	......	......	......	1.85	−0.93	1.00	0.0	3	7	11	12	......	W. E. McDowell
Jessieville	Garland	750	10	......	......	......	......	......	......	......	4.02	......	..	0.0	6	0	24	6	sw.	U. S. Forest Servi
Jonesboro	Craighead	345	41	77.2	+ 2.7	97	11	52	25	29	7.25	+3.84	2.74	0.0	7	12	7	11	sw.	Benedictine Sister
Lead Hill	Boone	650	30	77.2	+ 5.0	104	10	47	25†	40	6.67	+3.61	1.78	0.0	13	16	5	9	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	57	79.4	+ 5.3	98	5	56	30	26	1.92	−1.25	0.63	0.0	7	11	10	9	e.	U. S. Weather Bu
Lutherville ‡‡	Johnson	775	37	79.6	+ 5.6	104	10	46	30	36	7.22	+3.31	2.13	0.0	8	12	11	7	e.	H. G. Lenhardt
Madison	St. Francis	209	6	......	......	......	......	......	......	......	5.39	......	2.60	0.0	7	13	0	17	......	J. W. Eppes
Magnolia	Columbia	315	20	82.0	+ 5.4	103	5	50	30	33	1.44	−0.99	0.56	0.0	4	1	28	1	s.	State Agri. School
Malvern	......	277	50	......	......	......	......	......	......	......	......	......	..	..	..	..	..	..	......	H. K Smith
Mammoth Spring	Fulton	600	32	77.4	+ 6.0	100	13	50	25	30	4.64	+1.11	1.52	0.0	8	5	17	8	se.	S. F. Whittaker
Marianna	Lee	235	25	79.3	+ 5.2	97	3†	51	25	27	1.72	−1.79	0.55	0.0	5	5	23	2	s.	C. N. Houck
Marked Tree	Poinsett	229	32	76.7	+ 3.1	95	11†	50	25	28	5.69	+2.73	3.50	0.0	6	11	14	5	n.	Charles Walton
Mena	Polk	1207	48	79.0	+ 5.0	105	5	46	30	38	5.14	+1.22	2.32	0.0	12	3	19	8	sw.	E. W. St. John
Monticello	Drew	....	1	......	......	......	......	......	......	......	0.70	......	0.70	0.0	1	..	..	..	......	Soil Conservation
Montongo	Drew	....	1	......	......	......	......	......	......	......	2.82	......	1.18	0.0	3	15	10	5	s.	Soil Conservation
Morrilton	Conway	315	17	79.6	+ 4.6	104	5	50	25	36	2.19	−0.80	0.85	0.0	6	14	5	11	se.	Hugh B. Wear
Mountain Home	Baxter	800	24	77.4	+ 5.7	104	11	48	25†	39	8.29	+3.99	2.50	0.0	10	11	7	12	s.	B. S. Halbert
Mount Ida	Montgomery	650	37	78.6	+ 5.4	105	5	42	30	42	4.93	+0.81	1.74	0.0	6	11	11	8	e.	G. A. Whittingto
Nail	Newton	2233	28	71.8	+ 2.1	94	10	46	29	32	11.94	+7.04	3.70	0.0	8	13	11	6	s.	Charles Paxton
Newport	Jackson	231	53	77.9	+ 3.7	99	11	50	25	35	2.96	−0.77	0.81	0.0	9	12	8	10	n.	J. D. Henderson
Norman	Montgomery	750	8	......	......	......	......	......	......	......	6.22	......	1.90	0.0	6	9	7	14	sw.	U. S. Forest Servi
Oden	Montgomery	800	10	....	......	......	......	...	......	......	......	......	.	....	..	..	..	..	......	U. S. Forest Servi
Okay	Howard	288	8	....	....	104[d]	5	...	......	......	3.76	......	2.41	0.0	5	9[d]	11[d]	6[d]	s.	Charles R. Jackso
Ozark	Franklin	396	41	79.4	+ 3.7	108	11	46	30	38	7.63	+4.82	2.30	0.0	9	16	3	11	se.	Orkney O. Milton
Paragould	Greene	275	13	......	......	......	......	......	......	......	3.91	+1.14	1.59	0.0	5	19	7	4	s.	W. R. Heagler
Parkin	Cross	222	6	......	......	......	......	......	......	......	7.90	......	3.23	0.0	8	10	6	14	......	Carroll King
Patterson	Woodruff	204	20	......	......	......	......	......	......	......	4.15	+0.95	1.27	0.0	7	20	6	4	ne.	W. E. Baker
Pine Bluff	Jefferson	215	49	82.0	+ 6.8	101	5	53	30	28	0.91	−2.70	0.29	0.0	4	7	15	8	sw.	Miss Theresa Sche
Pine Ridge	Montgomery	840	12	......	......	......	......	......	......	......	4.10	+1.13	3.38	0.0	3	12	10	8	sw.	J R. Huddleston
Pocahontas	Randolph	300	43	76.6	+ 3.2	98	13	49	25	30	4.37	+0.69	1.63	0.0	10	10	7	13	sw.	Benedictine Sister
Portland	Ashley	122	30	80.1	+ 3.8	99	4†	56	25†	34	1.35	−1.14	0.52	0.0	7	3	22	5	sw.	W E. Edmiston
Prescott	Nevada	318	48	81.2	+ 5.0	102	5	48	30	32	0.54	−2.81	0.37	0.0	3	13	8	9	s.	Craig Williams
Rock Springs	Drew	....	1	......	......	......	......	......	......	......	1.06	......	0.58	0.0	3	25	3	2	sw.	Soil Conservation
Rogers (near)	Benton	1300	46	76.4	+ 5.2	102	6	45	30	36	9.66	+5.87	1.93	0.0	11	10	6	14	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	......	......	......	......	......	......	......	5.67	......	3.07	0.0	6	1	21	8	s.	Miss Clarice Mad
St. Charles	Arkansas	175	3	......	......	102[f]	14	......	......	......	1.43	......	1.13	0.0	2	12[g]	5[g]	6[g]	......	U.S. Biological S
St. Francis	Clay	290	9	......	......	......	......	......	......	......	8.86	......	4.10	0.0	7	23	3	4	......	A Boyce Boyd, J
Searcy	White	245	26	79.4	+ 5.1	102	11	50	25	32	7.76	+4.33	3.26	0.0	10	13	6	11	ne.	Walter Smith
Springbank	Miller	240	27	......	......	......	......	......	......	......	1.62	−1.35	0.54	0.0	6	17	1	12	......	Henry Field
Story	Montgomery	650	12	......	......	......	......	......	......	......	2.53	−0.41	1.80	0.0	4	18	11	1	s.	S. C. Story
Stuttgart	Arkansas	209	49	80.8	+ 5.7	101	3†	52	25	33	1.67	−1.83	0.90	0.0	9	21	9	0	se.	Mrs. B. E. Swim
Subiaco	Logan	750	39	80.2	+ 5.9	103	10	50	30	36	5.98	+2.55	1.72	0.0	11	8	11	11	s.	New Subiaco Abb
Texarkana	Miller	332	51	82.9	+ 6.1	106	5	49	30	35	2.75	+0.01	1.18	0.0	5	13	14	3	s.	H. S. Brashear
Thornburg	Perry	650	16	79.3	+ 6.7	105	5	42	25	41	2.67	−0.83	1.16	0.0	7	13	11	6	s.	Edward E. Holm
Waldron	Scott	675	17	......	......	......	......	......	......	......	7.20	+4.03	3.18	0.0	12	7	6	17	w.	Dr. Cheves Bevil
Warren	Bradley	206	42	......	......	......	......	......	......	......	......	......	..	...	..	..	..	..	......	L. M. Snead
Whitecliffs	Little River	290	30	......	......	......	......	......	......	..	4.50	+1.91	3.80	0.0	3	9	14	7	......	William W. Dav
Wilson	Mississippi	237	11	77.4	+ 3.6	95	12	49	25	26	5.63	+3.47	2.70	0.0	6	26	2	2	s.	D. O. Anderson
Wynne	Cross	250	28	77.6	+ 3.1	97	11†	49	25	31	5.70	+2.19	1.80	0.0	7	10	8	12	s.	B. M. Eddins
Yancopin	Desha	167	12	......	......	......	......	......	......	......	0.27	−2.46	0.15	0.0	4	10	10	10	......	W. E. Barton
State Means				78.9	+ 4.5	109	5	38	30	42	4.75	+1.35	4.33	0.0	7	12	10	8	s.	

Daily Precipitation for September, 1936

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Amity ‖‖	Ouachita																	.22			.11	.36		.72	.15			2.05	.41				4.02
Arkadelphia ‖‖	Ouachita									.14	.07												.02	.67	.05			.53	.23				1.71
Arkansas City ‖‖	Mississippi									T.	T.								T.			T.	.02		.48			10					0.60
Batesville ‖‖	White		.66	.35	.07						1.06							1.10			.56	.13		.32	.92			.34	.02				5.53
Bee Branch	Arkansas		.95															.50			1.00			.75	.50			.40					4.10
Benton ‖‖	Saline										.06									.03	.09			.46	.44		.02	.94	.12				2.16
Bentonville ***	Arkansas	1.88						T.	.04							.60	.98	.06	.05	.71	.15		.04	2.38			1.29	2.11	.03				10.32
Big Lake Outlet ‖‖	St. Francis		.84	1.91							T											.06		.07	1.41			T.		T.			4.29
Black Rock ‖‖	White		.88	1.17		.03			T.		.46							T.			T.	T.		1.26	1.90			.07					5.77
Blytheville ‖‖	St Francis		.55	3.32							.58											1.02		.27	.72			T.					6.46
Booneville	Arkansas		T.						T.	.05							07			.02	.59	1.00	.18	.51	.39		.38	1.53	.47				5.19
Boughton ‖‖	Ouachita									.83	.27											.16		.81	.09			.19	.05				2.40
Brinkley	White																			.24				1.02	.24		.05						1.55
Calico Rock ‖‖	White		1.00	.57								T.						3.34			.58			.07	1.64		T.	.34	.12				7.66
Camden ‖‖	Ouachita		.04								.71											.65			.06			.15					1.61
Carthage	Ouachita								.84														1.45				.27	T.					2.56
Center Point	Red																																....
Clarendon ‖‖	White		.03				.02			.12	.78									.20	.08			.65	.16			.04		.03			2.11
Clinton	White		1.12						.06								1.53			1.22	.30	.01	1.13	.61			.34	.36	.02				6.70
Conway	Arkansas		.18																.03		.19		.96	.04	.49			.71	.05				2.65
Cornerstone	Arkansas	T.								.04			T						T.			T.	.04	.15			.06		.01				0.30
Corning ‖‖	White		.80	1.10							.04										.05	.02		.06	1.30			.06	T.				3.43
Cotter ‖‖	White		1.13	.40														3.60		T.	.40			.28	1.38			.48	.89				8.56
Crossett [near]	Ouachita								.18		.15								.30	.20		.20			.19		T.						1.22
Danville ‖‖	Arkansas										T.											.56	.03	.24	.39			.98	.81				3.01
Dardanelle ‖‖	Arkansas		.07								.25							.16			.01	.80	.05	.15	.36			.89	.43				3.17
De Queen	Red								T.		.31				.14				.07	.09		T		.01	.13		.36	4.33	.16				5.60
Dumas	Mississippi	.02							12													T.	T.		.12		T.		.03				0.29
Dutton	White		.28					.13	T.	2.97		T.			T.			1.12		.11	.10	.01	T	3.51	.35		.62	2.09	1.93				13.22
El Dorado ‖‖	Ouachita	.17					.02			.14	.39												T.	.02	.16			.02					0.92
England	Arkansas									T.	T.									.05			.46	.04	.22	.06							0.83
Eureka Springs	White		2.02						.14								.60	.35	.04	.87	.33	.02		2.44	.17		.43	1.96	1.00				10.37
Fayetteville	White		2.12	T.			.21		T	.33							.06	1.02	.21	.46	.88	.45	.02	.76	.66		.10	2.16	1.46	.02			10.92
Fort Smith ***	Arkansas			T.					.02	.73					.11		.53	.18	.35	.37	T		.05	1.13	T.		2.87	1.74	T.				8.08
Freeman Sprgs. ‖‖	Arkansas		.87								1.13							3.14		.88	1.08	.21	.01	1.35	1.54			1.11	2.20				13.52
Fulton ‖‖	Red		T.							.53	T.											T.	1.17	.03	.42			1.20	.92				4.27
Georgetown ‖‖	White		1.05		.20					.17											1.10	.71	.19	.28				.40					4.10
Gilbert ‖‖	White		1.53	.35														2.80		.26	.23	.07		.28	1.60			.40	.64				8.16
Glenwood ‖‖	Ouachita														.10				.10	1.60	.09	.10			.20		.38	3.25	.33				6.15
Grannis	Red	.01		T.						.09	.23				T				.01	.10	.05	.40	T.	.05	1.25		1.01	4.25	.30				7.75
Gravette ‖‖	Arkansas		1.26						.19								.13	.90		.25	.30	.78			1.88		.06		2.32				8.07
Harrison	White		1.00	.91					.55	.01	.01						.11	1.80		.77	.17	.08	1.38	2.09	.54		.02	1.07	1.16				11.67
Heber Springs ‖‖	White		1.08		.26						T.	.06						.91		.03	.31	1.34		1.23	.43			.60					6.25
Helena ‖‖	Mississippi																			.32				1.08	1.30								2.70
Higden	White			1.00													.36			.65	3.05				.54			.28					5.88
Highland	Ouachita																				.10	.05			.25			4.00	.80				5.20
Hope	Red																																....
Hot Springs	Ouachita	.05							.08	82	.08												.26		.65			2.69	.09				4.72
Index ‖‖	Red									T.	T.														.50			1.00	.35				1.85
Jessieville ‖‖	Ouachita										.32							T.				.08		1.14	.48			*	2.00				4.02
Jonesboro ‖‖	White		1.77	2.74																	.30	.35		.26	1.75			.08	T.				7.25
Lead Hill	White		.72							.07							.75	.78		.73	.02	.02	.11	1.78	.17		.01	.66	.85				6.67
Little Rock ***	Arkansas	T.								.05				T.				T.	T	.13		.18	.54	.39	T.		.03	.60	T				1.92
Lutherville	Arkansas			T.					.10									T.		T.	1.90	T.	.16	.75	.50		.70	.98	2.13				7.22
Madison ‖‖	St. Francis		.40	T.	.31	T.					1.16	T.						T.	T.		.19			2.60	.50	T.		.23					5.39
Magnolia	Red								T.		.56														.46		.10	T.	.32				1.44
Mammoth Spg ‖‖	White		.60			.03												1.40		.07	.13			.70	1.52			.19					4.64
Marianna	St. Francis																			.25	.39			.55	.18		.35						1.72
Marked Tree ‖‖	St. Francis		1.33	3.50																		.11		.37	.36			.02					5.69
Mena ‖‖	Ouachita		T.					T.		.45	T.					06			.06	.30	.02	.25	.15	.17	.32		.03	2.32	1.01	T.			5.14
Montongo	Ouachita																					1.09		.05					1.18				2.32
Morrilton ‖‖	Arkansas																	.11				.14	T.	.60	.42			.85	.07	T.			2.19
Mountain Home	White		.70							T.							.93	2.50		.92	.05		.05	2.00	.22		T	.60	.32	T.			8.29
Mount Ida	Ouachita									.22										1.12			.35	.35				1.74	1.15				4.93
Nail	White		1.27	.17							T.							3.70		.40	T.			2.97	.30			1.91	1.22				11.94
Newport ‖‖	White		.81	.66							.01							T.		.01	.21	.32		.09	.55			30					2.96
Norman ‖‖	Ouachita								.96											1.42				.50	.44			1.90	1.00				6.22
Oden ‖‖	Ouachita																																....
Okay	Red																					.06			.36		.41	2.41	.52				3.76
Ozark ‖‖	Arkansas				T.						.04							.87		.42	.26	.11		2.30	.60		T.	1.92	1.11				7.63
Paragould ‖‖	St. Francis	.62		1.59							.10													.13	1.47								3.91
Parkin ‖‖	St. Francis		1.22	3.23	.16																.15	.15		1.00	1.64			.35					7.90
Patterson	White		1.27	.40	.21																.61			.97	.47		.22						4.15
Pine Bluff ‖‖	Arkansas		T.							T.	.29									T.				.16	.29			.17					0.91
Pine Ridge ‖‖	Ouachita										.25														.47				3.38				4.10
Pocahontas	White		.88	.62						.26										.13			.10	1.63	.33		03	.20	.19				4.37
Portland ‖‖	Ouachita						.52		.30		.05							.04		.06			.09		T.	.29							1.35
Prescott ‖‖	Ouachita										T.	.05													.37				.12				0.54
Rock Springs	Ouachita	.20																				.28							.58				1.06
Rogers (near)	White		1.85														1.17	.30	.32	1.03	.15			1.70	.13		.13	1.93	.95				9.66
Rosebud	Arkansas		.71														T.		.14		3.07		.25	1.15				.35					5.67
St. Charles ‖‖	White									.30													1.13	T.					T.				1.43
St. Francis ‖‖	St. Francis		4.10	1.12							1.26							.06			.04			T.	1.44			T	.84				8.86
Searcy	White		1.69		.06						.05									.02	3.26	.67		.62	.78			.28	.33				7.76
Springbank ‖‖	Red								T	.40	.06					.05									.54	.05	T.		.52				1.62
Story ‖‖	Ouachita										.21													.32				.20	1.80				2.53
Stuttgart ‖‖	Arkansas		.04								.90			.06						.02	.07		.10	.33	.09			T.	.06				1.67
Subiaco	Arkansas			.08						.02							.16	.84			1.72		.11	.30	.29		.15	.76	1.55				5.98
Texarkana ‖‖	Red										.25											20			.72			1.18	.40				2.75
Thornburg	Arkansas								T.								.15				T.	T.	.90	.06	.31		.07	1.16	.02				2.67
Waldron	Arkansas		1.12						T.	.03	.11					.15	.27	.73		.08	.03		.34	.48	.68			3.18					7.20
Warren	Ouachita																																....
Whitecliffs	Ouachita																										.20	3.80	.50				4.50
Wilson ‖‖	Mississippi		1.00	2.70							.80										.48			.45	.20								5.63
Wynne ‖‖	St. Francis		.90	1.10	.80																.50			.35	1.80			.25					5.70
Yancopin ‖‖	Arkansas		T.							.08	.01														.03			.15					0.27

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Altheimer, Route 1; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Mt. Vernon, Route 2, Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24hour ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means are for the period to 1935, inclusive.

Daily temperatures for September, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	96	98	98	100	107	106	101	100	100	103	101	101	98	101	96	97	91	93	96	92	89	91	93	83	85	87	86	72	78	71		93.7
	Minimum	72	74	73	70	..	72	66	68	68	66	69	71	68	69	69	68	69	65	69	67	68	68	68	66	56	62	68	63	55	52		66.9
Batesville	Maximum	93	93	94	92	95	91	94	98	98	87	98	93	96	90	90	86	81	75	75	78	90	89	82	75	75	84	84	79	76	71		86.7
	Minimum	73	68	69	69	66	69	63	64	66	63	68	66	68	68	68	66	62	61	64	65	67	66	67	65	46	54	71	65	61	56		64.8
Bee Branch	Maximum	98	94	101	101	100	98	98	99	97	100	100	100	98	98	96	95	92	80	78	78	85	88	87	81	75	86	86	84	77	77		90.9
	Minimum	65	68	72	72	73	72	63	67	67	67	70	68	68	69	71	69	63	64	68	65	67	70	68	64	50	62	68	63	51	52		65.9
Bentonville ***	Maximum	94	94	93	95	98	100	98	93	94	99	98	96	95	94	94	88	70	72	80	85	85	84	85	73	77	81	71	67	62	64		86.0
	Minimum	66	67	71	74	72	73	71	72	69	68	77	75	73	73	72	64	61	63	68	67	67	68	66	56	52	62	60	57	49	47		66.0
Blytheville	Maximum	92	90	85	89	93	88	91	95	93	88	95	95	95	93	92	93	85	85	88	78	90	93	82	75	76	88	86	86	75	74		87.6
	Minimum	62	67	67	66	66	68	69	70	69	66	69	70	71	72	70	72	63	60	61	64	65	68	70	65	46	55	72	67	58	58		65 5
Booneville	Maximum	97	102	100	103	107	101	101	101	102	104	103	101	101	100	97	95	86	84	93	84	89	77	91	86	82	84	82	76	72	71		92.4
	Minimum	78	80	77	77	72	78	73	69	70	68	73	72	72	74	74	70	69	69	72	71	69	71	69	66	56	64	70	59	54	47		69.4
Brinkley	Maximum	93	95	98	99	97	93	95	96	99	100	102	100	99	98	97	96	89	91	89	91	94	94	91	81	79	91	88	86	75	71		92.2
	Minimum	63	77	75	72	72	71	66	71	70	67	70	70	71	71	70	72	66	65	66	68	67	71	69	65	49	60	75	71	58	57		67.8
Calico Rock	Maximum	101	98	95	95	98	98	100	101	100	99	104	103	101	100	98	92	80	83	80	85	83	83	84	77	88	87	84	83	75	75		91.0
	Minimum	75	69	71	74	72	75	70	70	73	67	72	72	72	73	75	72	60	63	67	68	68	71	70	64	51	61	71	69	60	55		68.3
Camden	Maximum	94	97	97	100	104	98	98	95	99	99	98	97	97	98	96	98	93	96	97	96	92	93	95	95	88	92	93	92	80	78		94.8
	Minimum	68	76	71	76	70	74	67	74	68	68	71	71	68	69	71	69	69	67	68	67	69	69	73	67	67	71	74	64	60	54		69.0
Carthage	Maximum	93	97	100	102	105	96	98	99	97	98	98	98	95	96	94	96	90	93	99	92	91	95	93	90	87	89	88	78	80	74		93.4
	Minimum	64	75	75	73	70	73	68	70	68	67	70	70	68	68	69	70	67	65	66	66	67	66	67	63	51	63	76	66	54	48		66.8
Conway	Maximum	96	99	103	103	105	98	102	104	103	103	104	104	102	100	98	98	90	88	91	80	92	94	93	81	81	91	87	79	79	75		94.1
	Minimum	70	76	79	72	71	74	65	68	69	67	72	71	71	72	73	70	65	64	68	66	68	70	69	63	48	61	69	64	55	52		67.5
Cornerstone	Maximum	92	95	97	99	98	95	95	95	91	96	99	98	97	95	94	95	87	93	98	91	92	95	95	85	83	93	90	84	80	74		92.4
	Minimum	66	78	76	70	71	71	63	71	67	65	68	68	68	69	69	67	69	63	68	66	68	67	69	67	46	62	73	69	55	49		66.6
Corning	Maximum	91	92	88	87	92	91	93	98	94	90	97	97	100	95	94	94	79	86	78	88	92	94	78	74	74	86	83	86	74	73		87.9
	Minimum	67	67	68	67	69	70	65	69	70	66	72	72	71	72	71	71	63	59	64	65	65	65	68	64	46	52	73	64	57	54		65.5
Crossett	Maximum	95	98	100	102	100	95	95	98	94	98	100	97	97	98	96	96	94	94	98	98	98	95	96	91	88	96	95	90	82	77		95.0
	Minimum	61	73	75	72	70	71	66	69	71	67	67	68	66	68	67	68	66	68	66	70	65	67	71	69	58	68	73	67	57	50		67.1
Dardanelle	Maximum	96	98	102	102	102	99	100	102	100	103	102	101	99	100	97	95	87	90	88	81	87	89	88	82	81	85	84	81	75	72		92.3
	Minimum	73	76	78	76	74	75	69	68	71	68	73	74	72	72	73	71	68	65	72	68	68	72	69	67	50	64	69	62	55	47		68.6
De Queen	Maximum	96	98	97	100	105	100	100	100	100	101	99	97	99	96	94	96	93	94	96	95	95	91	94	90	86	87	88	79	76	73		93.8
	Minimum	73	72	72	71	67	76	69	68	70	70	72	70	70	71	71	70	74	69	70	69	72	70	71	69	59	67	69	59	53	48		68.4
Dumas	Maximum	92	102	104	105	100	96	100	103	101	105	107	101	102	104	99	97	91	96	98	94	91	97	104	90	85	97	97	88	80	70		96.5
	Minimum	64	75	77	74	75	70	67	72	72	68	70	70	70	70	69	70	70	65	69	66	69	67	73	69	50	64	74	67	56	57		68.3
Dutton	Maximum	90	92	94	94	97	95	95	94	93	94	93	92	92	91	90	89	85	78	79	79	83	79	80	76	73	74	76	73	66	63		85.0
	Minimum	66	66	69	68	64	66	61	61	62	62	65	64	63	64	65	64	64	62	64	64	63	65	66	58	43	63	68	59	52	38		62.0
El Dorado	Maximum	96	96	98	102	104	98	98	98	98	100	97	98	98	98	96	97	93	96	101	103	99	97	97	89	92	97	95	85	81	74		95.7
	Minimum	67	75	77	75	74	74	68	74	71	70	70	73	73	74	71	70	70	69	69	68	70	69	71	69	58	71	70	67	57	53		69.6
England	Maximum	92	95	101	104	..	..	97	98	100	100	100	100	99	97	96	99	90	94	96	94	89	93	93	85	81	88	85	81	..	..		94.2
	Minimum	72	77	73	72	..	..	66	71	68	68	75	72	71	71	71	70	70	66	68	67	69	71	70	65	49	75	67	58	..	..		68.9
Eureka Springs	Maximum	93	93	96	96	96	101	100	95	96	100	98	97	97	95	96	93	67	74	83	84	86	85	83	74	76	80	72	67	66	64		86.8
	Minimum	74	65	70	72	72	71	70	68	69	69	77	74	73	72	71	65	59	63	66	67	64	69	64	57	49	59	60	56	52	46		65.4
Fayetteville	Maximum	93	93	93	96	100	100	98	96	95	98	97	95	94	94	94	91	70	74	80	82	84	81	85	84	77	80	74	69	62	63		86.4
	Minimum	76	63	72	74	70	74	72	71	71	68	76	73	72	72	72	70	62	63	67	68	66	69	68	60	50	62	61	55	53	47		66.6
Fort Smith***	Maximum	96	98	98	100	103	99	100	100	99	101	99	98	98	97	96	96	80	77	84	79	87	78	89	80	79	83	77	71	65	69		89.2
	Minimum	80	82	80	78	76	79	73	75	68	71	77	78	75	76	77	71	70	68	69	71	71	72	68	61	57	62	65	58	54	51		70.4
Gilbert	Maximum	98	96	96	95	96	96	97	98	97	96	97	99	101	99	98	96	91	73	76	80	83	84	90	80	79	83	85	80	78	75		89.7
	Minimum	57	64	65	66	65	65	63	64	64	63	64	65	62	65	64	65	60	58	58	65	64	63	64	62	47	50	54	66	54	45		61.0
Gravette.§§	Maximum	98	97	96	98	100	102	100	94	96	103	101	99	99	98	96	87	68	73	82	77	87	82	86	73	78	80	66	59	61	64		86.7
	Minimum	63	65	71	72	68	69	71	79	68	67	70	73	73	72	70	69	59	59	62	66	65	66	67	56	50	51	58	55	51	43		64.0
Harrison	Maximum	98	97	97	97	98	95	98	98	98	98	97	99	99	95	95	93	88	78	79	81	85	86	86	73	74	82	82	68	69	66		88 3
	Minimum	71	67	66	67	67	72	69	68	68	67	67	66	77	69	71	69	59	59	67	68	67	68	67	61	48	60	63	60	54	46		64.6
Helena	Maximum	90	91	96	94	96	92	92	96	94	93	91	97	95	94	94	94	81	89	89	86	90	91	89	78	78	91	89	86	78	73		89.6
	Minimum	66	75	76	72	74	71	67	73	71	70	72	72	72	73	71	72	68	65	67	69	70	70	68	66	55	63	75	73	57	58		69.0
Highland	Maximum	97	98	97	98	109	99	98	100	99	103	100	100	98	99	98	97	95	93	97	99	90	91	98	86	90	88	87	79	79	77		94.6
	Minimum	70	73	72	73	70	70	69	68	72	80	72	75	74	73	73	72	70	65	70	67	68	70	66	66	55	64	66	51	52	55		68.0
Hot Springs	Maximum	97	101	102	105	109	102	102	104	102	100	101	100	101	99	100	100	87	93	92	92	94	92	98	83	86	88	86	80	80	75		95.0
	Minimum	73	78	76	73	72	74	68	..	..	..	..	..	..	..	..	..	71	66	69	67	69	63	70	65	56	65	69	63	54	48		67.1
Jonesboro	Maximum	92	91	88	89	91	89	92	92	95	91	97	95	95	94	92	93	85	86	88	77	90	90	83	76	75	85	86	86	75	74		87.7
	Minimum	66	67	69	70	70	70	67	71	71	70	71	72	71	71	70	71	64	61	66	65	66	69	69	66	52	56	72	66	60	55		66.8
Lead Hill	Maximum	99	98	96	96	102	97	102	98	95	104	103	102	101	101	96	92	72	81	80	84	91	85	84	77	74	83	77	71	69	67		89.2
	Minimum	72	66	70	72	70	70	68	66	68	64	68	76	68	69	69	68	59	63	66	67	66	67	67	60	47	60	64	60	57	47		65.1
Little Rock.* **	Maximum	91	94	97	97	98	91	93	94	95	95	97	96	94	93	92	93	85	86	88	86	87	88	91	78	78	86	87	77	75	69		89.0
	Minimum	72	78	77	74	75	75	71	74	71	69	74	74	73	75	74	74	67	67	70	70	70	71	67	63	56	65	70	60	58	56		69.7
Lutherville	Maximum	95	98	102	98	103	98	99	103	99	104	103	101	99	100	97	95	85	99	87	78	87	85	87	82	77	85	82	79	70	75		91.7
	Minimum	73	78	75	74	74	76	66	70	68	68	73	72	70	73	73	72	67	64	68	65	67	70	68	64	52	61	68	58	55	46		67.8
Magnolia	Maximum	95	98	98	99	103	99	98	94	98	100	97	96	97	95	94	95	95	93	99	98	98	94	96	95	88	93	90	91	77	78		94.7
	Minimum	72	74	76	73	70	70	68	74	70	70	72	72	71	71	71	70	72	69	69	66	72	70	70	68	59	71	77	63	56	50		69.2
Mammoth Spring.	Maximum	95	90	92	89	93	93	95	98	97	92	99	99	100	97	94	94	80	83	78	86	90	89	86	80	78	84	84	84	76	74		89.0
	Minimum	66	64	65	70	70	72	66	68	69	64	74	70	70	75	73	69	59	61	64	67	70	68	69	63	50	56	64	60	58	56		65.7
Marianna	Maximum	94	94	97	91	92	92	92	93	93	91	96	96	97	96	91	91	87	87	85	85	87	88	86	80	75	89	90	88	79	71		89.1
	Minimum	77	78	75	75	74	67	67	74	72	73	73	74	74	74	73	73	61	65	67	68	69	72	70	68	51	62	64	75	61	59		69.5
Marked Tree§§	Maximum	90	84	89	90	92	89	91	94	94	91	95	95	94	92	91	93	82	82	87	75	91	81	79	77	78	87	86	86	70	72		86.6
	Minimum	65	67	69	70	70	69	68	69	70	69	71	71	72	72	71	71	63	62	62	66	67	68	69	66	50	60	68	69	61	58		66.8
Mena	Maximum	97	98	99	99	105	101	101	101	97	104	101	100	99	98	97	93	87	85	87	87	85	82	91	80	82	83	83	71	73	65		91.0
	Minimum	72	75	74	74	67	75	65	67	71	69	73	72	70	72	69	69	69	67	68	68	67	69	68	65	56	62	67	58	50	46		67.1
Morrilton	Maximum	97	95	102	100	104	101	98	100	100	103	102	100	98	98	98	98	86	86	85	82	90	89	86	89	79	89	89	86	76	71		92.6
	Minimum	68	71	72	75	72	72	70	68	69	67	70	70	70	72	72	70	62	65	67	67	67	67	65	61	50	64	63	62	57	52		66.6
Mountain Home	Maximum	99	98	95	93	102	97	100	100	99	103	104	102	101	100	98	93	72	80	76	85	89	91	81	74	75	84	77	78	74	73		89.8
	Minimum	71	66	69	70	70	70	65	67	70	64	70	72	68	70	71	70	57	62	67	67	67	68	67	60	48	58	67	61	48	50		65.0
Mt. Ida	Maximum	93	97	97	100	105	98	101	100	101	101	100	98	98	98	95	95	88	90	88	88	90	90	92	85	82	85	83	79	79	73		92.3
	Minimum	69	78	78	68	63	69	60	62	66	65	68	72	68	68	68	67	69	62	68	65	66	67	68	64	45	61	69	63	50	42		64.9
Nail	Maximum	85	88	91	92	93	89	91	93	93	94	92	91	90	89	88	86	74	76	79	76	80	78	77	76	73	70	68	72	61	66		82.4
	Minimum	63	61	65	67	66	63	64	64	61	65	71	69	67	68	67	67	55	57	61	61	64	62	61	63	54	54	51	50	46	48		61.2
Newport	Maximum	92	91	90	90	94	91	92	96	94	93	99	98	97	97	95	96	86	84	86	76	91	92	85	76	77	86	82	82	73	73		88.5
	Minimum	68	67	72	72	72	71	66	69	70	69	64	71	72	71	72	70	66	63	64	67	67	70	70	66	50	58	74	69	62	58		67.3
Ozark	Maximum	94	100	101	100	104	103	102	103	100	102	108	105	101	101	99	98	83	80	86	80	87	80	85	81	72	80	80	75	70	74		91.1
	Minimum	74	80	74	68	75	77	69	69	70	68	70	71	70	70	71	71	68	69	68	65	68	71	70	62	52	70	60	58	55	46		67.6
Pine Bluff	Maximum	94	95	99	100	101	95	96	95	99	96	100	99	100	97	96	96	88	92	97	92	92	95	96	85	84	92	90	82	80	73		93.2
	Minimum	75	76	78	78	76	74	69	74	71	70	73	75	73	73	75	73	72	68	71	69	72	71	71	69	56	65	77	72	59	53		70.9
Pocahontas	Maximum	92	91	90	92	94	91	92	95	95	89	97	97	98	95	94	95	85	89	82	82	93	91	80	77	76	84	83	84	77	74		88.5
	Minimum	63	66	68	68	68	70	63	67	67	65	69	68	68	69	68	68	61	59	65	64	65	65	67	63	49	56	71	63	59	58		64.7
Portland	Maximum	94	96	98	99	99	93	92	93	92	93	96	93	94	95	92	94	90	90	96	98	94	94	93	87	83	97	94	90	80	77		92.5
	Minimum	60	70	74	76	72	70	68	70	71	68	67	70	69	69	68	69	67	67	69	67	68	66	72	69	56	67	72	68	57	56		67.7
Prescott	Maximum	96	96	96	98	102	100	97	95	101	101	99	98	98	97	95	96	92	94	97	98	92	93	97	95	87	92	90	85	77	73		94.2
	Minimum	73	76	76	73	70	74	67	70	70	70	71	72	71	70	71	70	71	67	68	68	69	68	68	68	55	65	71	63	54	48		68.2
Searcy	Maximum	96	94	99	92	98	94	98	100	99	100	102	101	99	100	98	98	87	84	86	75	91	93	88	78	78	87	87	80	79	76		91.2
	Minimum	65	68	74	73	74	72	66	69	70	68	71	70	71	70	71	69	66	65	68	66	69	71	69	67	50	60	70	64	59	60		67.5
Stuttgart	Maximum	94	98	101	100	101	95	97	98	99	95	98	96	96	95	96	97	90	94	96	92	91	90	92	86	84	95	90	84	81	75		93.2
	Minimum	65	74	74	73	74	70	67	72	71	68	71	71	70	71	70	70	69	66	69	67	69	71	70	66	52	62	73	72	58	58		68.4
Texarkana	Maximum	96	98	98	101	106	101	101	99	102	102	101	100	100	99	96	99	97	97	101	103	100	96	99	92	87	92	89	80	75	72		96.0
	Minimum	74	73	75	76	71	76	68	75	71	72	73	74	73	72	72	72	74	70	70	69	70	71	71	69	60	71	70	61	52	49		69.8
Thornburg	Maximum	94	96	99	104	105	101	102	103	99	103	100	101	100	100	98	93	89	90	88	88	88	92	92	81	83	87	84	80	75	71		92.9
	Minimum	73	75	76	71	67	75	70	65	66	77	69	70	68	68	72	68	66	60	60	63	65	66	67	64	42	62	68	60	53	44		65.7
Wilson	Maximum	90	88	87	89	91	88	90	93	92	90	93	95	94	93	90	91	87	84	87	80	88	90	82	77	75	87	86	87	83	73		87.3
	Minimum	66	67	68	69	69	70	70	72	71	68	70	73	74	73	72	72	64	62	62	69	65	68	70	67	49	62	72	71	60	60		67.5
Wynne	Maximum	96	93	95	92	92	90	91	95	95	95	97	97	95	95	95	91	85	90	87	79	92	92	90	84	75	87	86	86	75	74		89.5
	Minimum	65	65	69	70	69	70	67	69	69	68	71	71	70	69	69	79	62	60	64	64	64	68	66	63	49	57	71	70	58	54		65.7

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day.

Weather Bureau Office, Little Rock, Ark. 10-28-36-1150

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XLI LITTLE ROCK, ARK., OCTOBER, 1936 No. 10

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GENERAL SUMMARY

Mild weather prevailed the first 21 days of October with the highest temperatures for the month reported at most stations on the 5th or 19th, while temperatures were considerably below normal from the 22d to the 29th, several stations in the northern portion of the State and a few in the Ouachita Mountains reporting killing frosts and freezing temperatures during this period. The average temperature for the State, based on the reports of 60 stations, was 61.1° which is 1.5° below the 46-year mean, all stations except two having negative departures. The highest temperature reported was 93° at Crossett on the 5th; the lowest, 24° at Eureka Springs on the 27th. The greatest daily range was 49° at Mount Ida on the 18th.

Rainfall was heavy in most sections of the State from the 7th to the 9th and also from the 22d to the 26th, while showers fell at a few stations about the middle of the month and on the 31st. The average precipitation for the State for the 94 stations reporting was 5.00 inches which is 1.83 inches above the 46-year mean. Only three stations for which normals have been computed had negative departures. Monthly amounts ranged from 2.98 inches at Rogers to 8.65 inches at Lutherville. The greatest amount measured in any 24-hour period was 3.93 inches at Lutherville on the 25th.

Except for the period from the 7th to the 10th, the picking of cotton and the gathering of other crops progressed rapidly until the 21st, but thereafter very little was accomplished due to the continued damp, rainy weather. Cotton picking was much farther advanced than usual at the opening of the month and was about completed in many localities before the rains began on the 21st. However, in the eastern lowlands a considerable amount remained in the fields at the close of the month. The harvesting of rice was also delayed by the heavy rainfall but by the end of the month threshing was about completed in the southern portion and was well along in the northern. The soil was too wet in the northern portion for fall plowing the last of the month but generally in good condition elsewhere. The weather was very favorable for the growth of pastures, late fall and truck crops. There was little damage the latter part of the month from frost and freezing temperatures.

Miscellaneous Phenomena
Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	4	1	1	.	1	.	1	.	.	.	.	1	2	2	3	.	1	.	.		1	.	1	.	.	.	.	.	2	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	.	.		.	2	6	14	4	.	.	.	.	.		2	1	1	.	.	.	2	2	1	.	16	.	.	.	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	30.08	30.47	26	29.78	9	6.2	19	sw	31	..	..	..	59
Fort Smith	30.07	30.45	26	29.81	9	7.2	21	nw	17	85	57	61	61
Little Rock	30.08	30.43	27	29.81	9	7.6	22	nw	25	86	58	60	62
Memphis	30.08	30.40	27	29.79	10	7.1	21	n	26	81	60	65	57

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	23	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0.0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66.6	98	33	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1937	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67.1	98	26	2.35	0.0	4	17	7	7
1932	60.8	94	26	3.41	0.0	6	19	4	8
1923	62.6	90	30	2.83	0.0	5	19	7	5
1984	66.2	96	25	0.79	0.0	2	21	7	3
1985	63.8	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0.0	7	16	5	10
Period	62.6	101	12	3.17	T.	5	18	6	7

Daily River Stages for October, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	Arkansas	22	19.3	15.8	11.9	9.9	8.8	8.0	7.4	7.2	16.0	19.2	17.8	15.8	15.6	15.7	14.8	14.0	13.1	10.8	8.7	7.8	7.3	7.0	6.5	6.3	6.8	9.0	11.1	10.8	10.6	9.7	7.6
Van Buren			20.3	17.0	12.7	10.4	9.0	8.3	7.6	7.3	16.4	19.9	18.8	16.7	16.1	16.4	15.5	14.7	13.7	11.3	8.9	7.9	7.3	7.0	6.6	6.4	6.8	9.5	11.5	11.2	11.0	9.7	7.8
Ozark	do	22	16.0	14.2	10.6	7.2	5.4	4.2	3.8	3.4	6.0	14.7	15.0	13.3	11.7	11.2	12.2	10.8	9.8	8.2	5.6	4.1	3.3	2.9	2.5	2.3	2.3	5.8	6.7	7.3	7.0	6.3	4.4
Dardanelle	do	22	18.2	17.6	15.2	11.8	9.7	8.4	7.6	7.2	7.3	13.7	17.4	16.7	14.8	14.2	14.5	13.7	13.0	12.0	10.4	8.4	7.2	6.7	6.4	6.2	6.0	11.8	10.3	10.8	10.5	10.0	9.2
Morrilton	do	20	14.9	14.9	13.0	9.9	8.0	6.0	3.8	2.9	2.5	5.0	13.8	14.2	12.4	11.2	11.5	11.1	10.2	9.2	7.8	5.4	3.4	3.0	3.0	1.7	1.7	4.3	7.2	7.0	7.4	6.2	6.0
Little Rock	do	23	13.6	15.1	14.4	12.1	9.1	6.7	6.3	4.4	3.7	3.4	9.5	13.9	13.7	11.8	11.1	11.2	10.8	9.8	8.8	8.3	5.4	4.2	3.6	2.8	2.6	2.6	6.8	8.6	7.8	7.7	7.2
Pine Bluff	do	25	14.2	17.5	18.0	16.8	14.6	14.5	10.8	9.0	7.9	7.3	6.8	14.9	17.1	16.3	14.9	14.4	14.6	13.9	13.3	12.4	11.8	9.0	7.7	6.7	6.1	5.9	5.8	10.8	11.4	11.7	11.3
Danville	Petit Jean	20	3.3	2.8	2.5	2.4	2.2	2.1	2.2	3.2	8.4	9.3	3.7	3.1	2.8	2.7	2.4	2.4	2.2	2.2	2.2	2.1	2.1	2.4	2.5	3.6	6.6	11.0	19.2	20.3	17.1	10.5	6.2
OzarkBeachMo	White	30	8.4	5.8	4.8	3.2	2.9	1.0	3.7	6.8	8.0	7.0	6.0	5.6	4.8	4.4	3.6	1.9	1.8	0.8	1.0	-0.8	1.6	0.0	-0.6	-0.8	-0.8	4.4	4.4	6.8	6.0	5.0	4.4
Cotter	do	21	11.0	8.8	7.1	5.9	5.5	4.9	4.6	5.5	9.8	9.0	8.5	7.9	6.8	6.0	5.6	5.0	4.7	4.3	4.1	4.1	4.0	4.1	4.2	4.2	4.4	6.8	6.8	6.1	5.5	7.5	6.2
Calico Rock	do	18	10.2	8.3	6.1	4.8	4.1	3.5	3.4	3.7	5.0	8.6	7.0	6.1	5.4	4.6	4.1	3.7	3.1	2.3	2.4	2.1	1.6	2.1	2.2	2.1	2.3	9.3	8.4	6.5	5.0	6.5	5.4
Batesville	do	23	17.3	16.0	13.2	11.0	9.7	9.0	8.4	8.8	9.6	13.2	14.0	12.4	11.3	10.4	9.5	9.0	8.5	8.0	7.2	6.9	6.7	6.3	7.4	7.4	7.1	16.8	17.2	13.8	11.8	12.2	11.8
Newport	do	26	14.5	14.7	13.4	9.9	7.9	6.1	5.0	4.3	4.4	5.6	10.4	10.8	10.1	9.2	7.9	6.7	5.9	5.1	4.3	3.7	3.3	3.0	2.9	3.5	3.8	5.5	14.3	16.1	14.9	12.9	12.0
Georgetown	do	21	11.4	13.5	14.3	14.1	13.3	11.6	9.9	8.7	7.4	6.8	7.4	9.9	11.4	11.6	11.3	10.5	9.4	8.5	7.8	7.7	7.7	5.0	4.7	4.4	4.4	4.7	8.1	15.4	16.2	16.1	15.5
Clarendon	do	26	14.7	15.6	16.7	17.5	18.1	18.3	18.3	17.8	16.8	15.7	14.7	14.2	14.8	16.0	16.7	17.1	17.1	16.7	16.1	15.4	14.6	13.7	13.0	12.4	11.9	11.7	11.7	13.0	16.4	18.2	19.1
Gilbert	Buffalo	30	4.7	4.5	4.2	3.8	3.6	3.5	3.5	3.6	5.9	5.0	4.7	4.2	4.0	3.8	3.8	3.6	3.6	3.5	3.3	3.3	3.3	3.3	4.4	4.4	4.4	9.8	6.5	5.6	5.3	5.0	4.7
Black Rock	Black	14	2.3	2.1	2.0	2.0	1.9	1.7	1.7	1.7	2.3	3.9	6.0	5.9	5.0	4.3	3.7	3.5	3.4	3.3	3.2	3.1	3.0	3.1	3.3	3.4	3.4	10.5	10.1	8.1	6.8	6.2	5.8
Arkadelphia	Ouachita	17	4.2	4.0	4.0	4.1	3.7	3.5	3.8	4.2	3.9	3.9	3.8	3.6	3.6	3.6	3.8	4.0	4.0	4.4	3.6	3.8	3.5	3.8	4.5	4.4	4.2	4.4	6.4	5.4	5.1	4.9	4.4
Camden	Ouachita	26	4.1	4.2	4.8	4.6	4.4	4.3	4.2	4.2	4.3	4.3	4.1	4.1	4.2	4.2	4.0	4.0	4.1	4.1	4.1	4.2	4.4	4.1	4.0	4.0	4.4	4.6	4.4	4.6	4.6	6.0	5.9
Fulton	Red	25	22.9	23.7	23.4	21.1	18.8	16.3	14.4	13.0	12.0	11.5	11.1	10.8	10.2	9.7	9.3	8.9	8.7	8.6	8.5	8.3	8.1	8.0	7.8	7.7	7.7	8.7	12.0	18.1	18.8	18.1	16.7
Helena	Mississippi	41	5.6	5.4	5.3	5.9	8.0	10.2	11.0	11.0	10.5	9.8	9.0	8.6	8.6	8.6	9.0	9.3	9.4	9.5	9.4	9.1	9.3	9.6	10.2	10.5	10.5	10.3	9.8	9.1	8.3	7.5	6.7
Arkansas City	do	18	1.6	2.8	5.1	6.8	7.3	7.5	8.1	8.6	8.4	7.8	7.1	6.2	6.3	8.2	8.9	8.9	8.8	8.8	8.8	8.6	8.2	7.6	7.2	6.9	6.9	6.7	6.5	6.1	5.7	6.0	6.0

Climatological Data for October, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	62.4	-1.0	86	4†	40	29	38	4.50	+1.24	1.15	0.0	7	12	13	6	....	J. W. Campbell
Arkadelphia	Clark	200	41	....	....	....	....	....	....	....	4.49	+1.07	1.93	0.0	7	18	5	8	sw.	Mrs. Ted R. Carper
Arkansas City	Desha	145	52	....	....	....	....	....	....	....	3.79	+1.17	1.65	0.0	4	20	0	11	....	Herbert Neff
Batesville	Independence	277	37	58.6	-2.0	84	19	31	27	41	5.06	+1.87	1.95	0.0	8	18	5	8	se.	Mrs. C. M. Barnw
Bee Branch	Van Buren	700	44	60.0	-2.5	85	19	31	28	39	5.73	+2.17	1.80	0.0	6	14	7	10	s.	J. E. Scanlan
Benton	Saline	285	1	....	....	....	....	....	....	....	4.39	....	1.49	0.0	7	20	1	10	....	S. A. Burks
Bentonville	Benton	1295	31	57.6	-1.3	81	19	34	27	32	4.13	+0.63	1.54	0.0	8	11	8	12	s.	U. S. Weather Bur
Big Lake Outlet ‡‡	Mississippi	239	6	....	....	....	....	....	....	....	5.86	....	2.30	0.0	7	13	5	13	....	C. J. Brooks
Black Rock	Lawrence	259	35	....	....	....	....	....	....	....	4.78	+1.40	1.60	0.0	7	22	2	7	n.	Vernon C. Howe
Blytheville	Mississippi	252	11	61.2	-2.2	86	19	31	28	39	5.77	+2.25	2.11	0.0	8	18	4	9	s.	Samuel Norris
Booneville	Logan	465	22	61.4	-2.6	86	5†	35	29	39	7.51	+4.23	2.85	0.0	7	15	8	8	s.	F. H. Randolph
Boughton ‡‡	Nevada	235	1	....	....	....	....	....			4.27	....	1.20	0.0	6	15	4	12	....	Harry Buie
Brinkley	Monroe	205	49	61.9	-0.7	87	5	33	29	39	6.61	+3.09	3.53	0.0	8	15	2	14	ne.	R. J Torry
Calico Rock	Izard	361	32	60.6	0.0	87	2	32	27	38	7.77	+4.88	2.68	0.0	8	18	3	10	n.	W. M. Jones
Camden	Ouachita	116	51	64.0[b]	+0.1	90	5	39[e]	30	38[e]	4.45	+1.46	1.72	0.0	7	14	5	12	se.	J M. Knight
Carthage	Dallas	297	31	61.0	-1.2	88	5	34	29	41	4.72	+1.65	1.00	0.0	6	15	10	6	n.	P. K. Wylie
Center Point	Howard	591	37	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	John C. Floyd
Clarendon	Monroe	172	32	....	....	....	....	....	....	....	3.39	+0.15	0.96	0.0	8	16	2	13	n.	R. M. Wheatley
Clinton	Van Buren	516	15	....	....	....	....	....	....	....	5.49	+1.14	1.85	0.0	7	19	3	9	nw.	A. L. Stephens
Conway	Faulkner	309	53	62.0	-1.5	90	19	33	27†	45	5.11	+1.69	1.42	0.0	7	19	3	9	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	61.2	-1.8	90	5	33	29	43	3.80	+0.46	1.72	0.0	5	18	6	7	s.	P. B. Hutchens
Corning	Clay	293	43	59.2	-0.8	86	5	31	28†	39	6.23	+2.85	2.42	0.0	6	17	3	11	w.	Winfred D. Polk
Cotter	Baxter	440	9	....	....	....	....	....	....	....	6.12	....	1.83	0.0	7	19	3	9	....	O. B. McSpadden
Crosset (near)	Ashley	175	24	65.0	-0.8	93	5	36	30	45	3.96	+0.46	1.43	0.0	7	11	11	9	n.	U. S. Forest Servi
Danville	Yell	327	20	....	....	....	....	....	....	....	5.90	+2.06	1.92	0.0	8	15	5	11	....	J. M. Patterson
Dardanelle	Yell	330	50	62.0	-1.4	88	5	37	28†	42	5.94	+2.55	1.98	0.0	8	15	12	9	n.	Geo. N. Goodier
De Queen	Sevier	426	1	64.1	....	87	19	38	29	42	3.84	....	1.35	0.0	7	18	2	11	s.	E. B. Smith
Dumas	Desha	162	31	63.2	-2.0	90	4	36	29†	40	4.86	+1.64	2.10	0.0	7	13	5	13	n.	Ben Johnson
Dutton	Madison	1590	34	55.6	-1.8	78	5†	29	29	43	5.75	+2.02	1.96	0.0	8	14	3	9	n.	J. M. Ricketts
El Dorado	Union	270	36	65.0	-1.0	92	5	42	27†	39	3.47	+1.15	1.36	0.0	8	15	5	11	w.	E. W. Gaston
England	Lonoke	229	30	62.6[c]	-1.4	88[c]	3†	35[c]	27	42[c]	5.57	+2.43	1.67	0.0	7	17[c]	4[c]	7[c]	....	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	57.6	-3.2	83	5†	24	27	37	5.32	+1.61	2.20	0.0	7	14	10	7	sw.	Geo. W. Nichoald
Fayetteville	Washington	1451	49	58.2	-2.6	81	19	34	27	33	3.73	+0.03	1.22	0.0	11	13	9	9	sw	University of Arka
Fort Smith	Sebastian	448	55	61.6	-1.2	87	19	39	29	34	4.03	+1.04	1.92	0.0	8	14	6	11	e.	U. S. Weather Bu
Freeman Springs ‡‡	Pope	2240	12	....	....	....	....	....	....	....	6.41	+1.10	2.82	0.0	9	20	3	8	sw.	R. J. McCuiston
Fulton	Hempstead	260	51	....	....	....	....	....	....	....	3.64	+0.78	0.91	0.0	7	14	5	12	....	T. J. Logan
Georgetown	White	200	24	....	....	....	....	....	....	....	6.45	+3.06	2.00	0.0	8	17	8	6	....	Mrs. W. R. Owen
Gilbert	Searcy	600	10	57.2	....	85	5†	28	27	40	5.60	....	2.07	0.0	6	20	2	9	....	F. J. King
Glenwood	Pike	547	1	....	....	....	....	....	....	....	4.26	....	1.25	0.0	7	13	11	7	....	C. A. Price
Grannis	Polk	900	17	59.8	-3.9	85	19	34	29	42	6.02	+1.80	2.00	0.0	10	17	2	12	se.	W. E. McVay
Gravette	Benton	1250	39	55.6	-4.1	82	5†	32	24	42	3.92	+0.19	1.66	0.0	5	14	5	12	sw.	Max W. Schmidt
Harrison	Boone	1052	36	57.9	-1.5	79	5†	33	24	34	5.28	+2.15	1.54	0.0	10	23	2	6	e.	Louis R. Keck
Heber Springs	Cleburne	....	1	....	....	....	....	....	....	....	5.27	....	1.87	0.0	6	11	2	18	....	R. L. Black
Helena	Phillips	300	64	62.2	-1.4	85	4†	36	29	34	5.44	+2.46	2.43	0.0	7	17	3	11	ne.	James A. Burnett
Higdon	Cleburne	445	17	....	....	....	....	....	....	....	6.06	+2.61	2.48	0.0	5	23	1	7	sw.	Trumon Brown
Highland	Pike	491	17	64.0	....	90	5†	38	29	36	3.30	....	1.00	0.0	5	13	6	12	sw.	J. O. Cooley
Hope [Evap.]	Hempstead	375	66	62.6	-3.3	88	5	40	30	41	4.91	+2.00	1.96	0.0	7	14[a]	10[a]	6[b]	s.	Experiment Farm
Hot Springs	Garland	600	45	63.4[b]	-1.0	89[d]	5	36	27	39[d]	4.60	+1.17	1.85	0.0	6	10	14	7	s.	National Park Se
Index ‡‡	Little River	275	19	....	....	....	....	....	....	....	3.19	+0.29	0.95	0.0	5	15	6	10	....	W. E. McDowell
Jessieville	Garland	750	10	....	....	....	....	....	....	....	4.69	....	1.99	0.0	5	7	14	10	nw.	U. S Forest Serv
Jonesboro	Craighead	345	41	60.2	-2.4	85	5	34	27†	33	4.39	+0.93	0.99	0.0	9	13	8	10	ne.	Benedictine Siste
Lead Hill	Boone	650	30	59.0	-1.8	87	19	32	29†	44	3.61	-0.13	1.10	0.0	7	19	5	7	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	57	62.2	-1.4	85	5	36	27	32	4.42	+1.71	1.64	0.0	5	14	6	11	e.	U. S. Weather Bu
Lutherville ‡‡	Johnson	775	37	61.0	-1.3	86	19	36	29	34	8.65	+4.65	3.93	0.0	6	19	2	10	sw.	H. G. Lenhardt
Madison	St. Francis	209	6	....	....	....	....	....	....	....	4.66	....	2.55	0.0	6	18	1	12	....	J. W. Eppes
Magnolia	Columbia	315	20	64.4	-2.5	92	21	40	27†	39	3.53	+0.68	1.40	0.0	6	9	15	7	sw.	State Agri. Schoo
Malvern	....	277	50	....	....	....	....	....	....	....	....	....		..	..	..	..	..	....	H. K Smith
Mammoth Spring	Fulton	600	32	59.8	+0.6	85	19	31	27	37	6.68	+3.35	2.18	0.0	8	13	9	9	se.	S. F. Whittaker
Marianna	Lee	235	25	61.3[c]	-2.2	84[c]	5	36[c]	29	34[c]	5.14	+1.89	2.70	0.0	8	11	14	6	n.	C. N. Houck
Marked Tree	Poinsett	229	32	59.9	-1.3	84	5†	33	28	40	4.89	+0.94	1.30	0.0	8	12	10	9	s.	Charles Walton
Mena	Polk	1207	48	60.4	-2.6	85	19	36	28†	36	5.72	+1.64	1.84	0.0	7	15	5	11	nw.	E. W. St. John
Monticello	Drew	....	1	....	....	....	....	....	....	....	4.85	....	2.20	0.0	5	.	..	..	....	Soil Conservatio
Montongo	Drew	....	1	....	....	....	....	....	....	....	4.86	....	1.87	0.0	4	22	0	9	s.	Soil Conservatio
Morrilton	Conway	315	17	63.8	+0.6	86	5	34	29	35	5.11	+1.73	1.57	0.0	6	15	3	13	se.	Hugh B. Wear
Mountain Home	Baxter	800	24	59.2	-1.3	87	19	31	27	41	6.29	+2.45	2.00	0.0	9	18	2	11	s.	B. S. Halbert
Mount Ida	Montgomery	650	37	59.4	-2.4	85	5†	30	29	49	5.19	+1.51	1.65	0.0	5	17	2	12	sw.	G. A. Whittingto
Nail	Newton	2233	28	....	....	..	..	..	..	..	..	....	..	...	..	..	..	..	....	Charles Paxton
Newport	Jackson	231	53	60.8	-1.2	86	5	33	27†	39	4.01	+0.48	1.36	0.0	8	15	10	6	n.	J. D. Henderson
Norman	Montgomery	750	8	....	....	....	....	....	....	....	4.38	....	1.25	0.0	7	14	4	13	s.	U S. Forest Serv
Okay	Howard	288	8	65.0[d]	....	89[d]	5	38[d]	30	47[d]	3.81	....	1.15	0.0	6	17[d]	3[d]	7[d]	....	Charles R. Jackso
Ozark	Franklin	396	41	61.4	-2.1	85	5†	37	24†	38	5.59	+2.40	2.00	0.0	7	18	4	9	w.	Orkney O. Milton
Paragould	Greene	275	13	....	....	....	....	....	....	....	8.64	+5.69	2.76	0.0	8	15	9	7	ne.	W. R. Heagler
Parkin	Cross	222	6	....	....	....	....	....	....	....	4.55	....	1.50	0.0	7	16[a]	3[a]	11[a]	....	Carroll King
Patterson	Woodruff	204	20	....	....	....	....	....	....	....	6.39	+2.87	1.69	0.0	8	19	3	9	n.	W. E. Baker
Pine Bluff	Jefferson	215	49	64.1	-0.5	91	5	38	27	38	3.54	+0.24	1.29	0.0	7	16	6	9	sw.	Miss Theresa Sch
Pine Ridge	Montgomery	840	12	....	....	....	....	....	....	....	5.41	+0.73	2.00	0.0	7	20	2	9	sw.	J R. Huddleston
Pocahontas	Randolph	300	43	59.7	-2.0	84	5†	31	28†	40	5.11	+1.67	2.60	0.0	7	14	6	11	sw.	Benedictine Siste
Portland	Ashley	122	30	63.3	-1.6	90	5	39	30	41	3.37	+0.52	1.54	0.0	7	14	4	13	nw.	W E. Edmiston
Prescott	Nevada	318	48	63.6	-1.3	90	5	40	27†	39	3.76	+0.66	0.90	0.0	7	15	5	11	ne.	Craig Williams
Rock Springs	Drew	....	1	....	....	....	....	....	....	....	5.70	....	3.20	0.0	4	21	0	10	sw.	Soil Conservatio
Rogers (near)	Benton	1300	46	57.8	-2.0	83	5†	34	24†	37	2.98	-0.25	1.36	0.0	7	18	3	10	nw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	....	....	....	....	....	....	....	4.32	....	1.03	0.0	6	13	10	8	s.	Miss Clarice Ma
Russellville [Evap]	Pope	526	24	61.5	....	86	19	35	29	41	5.22	....	1.89	0.0	6	21	0	10	se.	U. S. Forest Serv
St. Charles	Arkansas	175	3	61.6	....	85	5	35	29	34	4.20	....	1.56	0.0	5	11	10	10	se.	U. S. Biological S
St. Francis	Clay	290	9	....	....	....	....	....	....	....	7.15	....	1.97	0.0	6	19	3	9	....	A Boyce Boyd,
Searcy	White	245	26	61.6	-1.0	89	5	34	27†	41	4.61	+1.47	2.05	0.0	8	18	2	11	ne.	Walter Smith
Springbank ‡‡	Miller	240	27	....	....	....	....	....	....	....	3.33	+0.66	0.88	0.0	6	15	4	12	....	Henry Field
Story	Montgomery	650	12	....	....	....	....	....	....	....	3.81	-0.04	1.32	0.0	6	19	5	7	n.	S. C. Story
Stuttgart	Arkansas	209	49	62.4	-1.0	88	5	36	29	38	4.75	+1.30	1.84	0.0	7	21	3	7	nw.	Mrs. B. E. Swim
Subiaco	Logan	750	39	61.5	-2.1	86	5†	38	28	37	6.45	+2.99	2.42	0.0	7	19	3	9	se.	New Subiaco Ab
Texarkana	Miller	332	51	63.5	-2.3	91	5	40	28	43	3.83	+0.40	1.06	0.0	7	19	2	10	n.	H. S. Brashear
Thornburg	Perry	650	16	59.1	-2.6	85	5†	30	29	47	5.57	+2.07	1.51	0.0	8	18	6	7	s.	Edward E. Hol
Waldron	Scott	675	17	....	....	....	....		....	....	6.67	+3.18	2.03	0.0	6	12	9	10	....	Dr. Cheves Bevi
Warren	Bradley	206	42	....	....	....	....	....	....	....	....	....	..	...	..	..	..	..	....	L. M. Snead
Whitecliffs	Little River	290	30	....	....	....	....	....	....	....	3.84	+0.77	1.56	0.0	6	15	5	.	....	William W. Dav
Wilson	Mississippi	237	11	60.8	-2.0	83	5†	33	27†	33	4.43	+1.12	1.60	0.0	7	18	1	12	s.	D O. Anderson
Wynne	Cross	250	28	61.2	-1.3	86	4	32	27	38	6.22	+2.53	2.03	0.0	7	14	10	7	s.	B. M. Eddins
Yancopin	Desha	167	12	....	....	....	....	....	....	....	5.62	+2.50	2.28	0.0	9	15	4	12	....	W. E. Barton
State Means				61.1	-1.5	93	5	24	27	49	5.00	+1.83	3.93	0.0	7	16	5	10	s.	

Daily Precipitation for October, 1936

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity |||	Ouachita							.39	.84														.92	1.02	.15	.03	1.15						4.50
Arkadelphia |||	Ouachita							.28	.79														.54	.82	.12	.01	1.93						4.49
Arkansas City |||	Mississippi							T.	1.40	.10							T.								.64	T.	1.65	T.					3.79
Batesville |||	White							.90	.45	.10	.10												.98	.50	.08	T.	1.95						5.06
Bee Branch	Arkansas							1.60	.95									.05					1.15	.18		1.80							5.73
Benton |||	Saline							.27	66	.09													.78	1.11	.08		1.40						4.39
Bentonville ***	Arkansas		T.			T.	1.40	.07	.51	.08												.52	.04	.02		1.54						T.	4.13
Big Lake Outlet |||	St. Francis							.63	1.22	2.30							.16						.50	.22	T.		.83						5.86
Black Rock |||	White							1.06	.36	.62	.02												.70	.42			1.60						4.78
Blytheville |||	St Francis							.27	.95	2.11							.95						.39	.21	.03		.86						5.77
Booneville	Arkansas							1.83	.43	.13	.10											T.	1.71	.46		2.85							7.51
Boughton |||	Ouachita							1.20	.80															.98	.17	.10	1.02						4.27
Brinkley	White							3.53	.81	.05							T.	.18					.48	.54		.60	.42						6.61
Calico Rock |||	White					T.		2.43	.27	.14	T.												1.50	.49	.02	.24	2.68						7.77
Camden |||	Ouachita							1.72	.95	.18														.39	.16	.07	.98						4.45
Carthage	Ouachita							1.00	.95														.65	.65	T.	.82	.65						4.72
Center Point	Red																																
Clarendon |||	White							.55	.96	.10							.10	T.					.06	.55	.20		.87						3.39
Clinton	White							1.59	50	.21													1.06	.26		1.85	.02		T.			T.	5.49
Conway	Arkansas							1.17	.74														1.42	.29	.03	1.27	.19						5.11
Cornerstone	Arkansas							.82	.85														.40	.01	T.	1 72							3.80
Corning |||	White							.29	.55	1.62													.80	.55		T.	2.42						6.23
Cotter |||	White							1.47	.37	.12													1.83	.33		.30	1.70						6.12
Crossett [near]	Ouachita							1 43	.53								.45							.25	.40	.80	.10						3.96
Danville |||	Arkansas							.71	.64		.35												1.92	.50	.08	.15	1.55		T.				5.90
Dardanelle |||	Arkansas							1.06	.55	10													1.63	.40	.04	18	1.98						5.94
De Queen	Red							.30	.13	T.													1.29	.71	.05	1.35						.01	3.84
Dumas	Mississippi							2.10	1.14	01							.03							.30	T.	.30	.98						4.86
Dutton	White							1.34	.65	.15							.18					.71	.51	.25		1.96						T	5.75
El Dorado |||	Ouachita							.65	1.36	.08							.15							.17	.32	.09	.65						3.47
England	Arkansas							1.67	.66														.89	.59	05	.85	.86						5.57
Eureka Springs	White						.05	2.20	.53	.22												.20	.66			1.46							5.32
Fayetteville	White						.04	.51	.73	.18	.03							.04				.14	.72	.06		1.22	.06					T.	3.73
Fort Smith ***	Arkansas				T.		T.	.23	.29	.11												.89	.57	.01		1.92	.01						4.03
Freeman Sprgs |||	Arkansas							.67	.21	.22	.05												1.51	.51	.03	.39	2.82						6.41
Fulton |||	Red							.91	.33														.50	.56	.33	.16	.85		T				3.64
Georgetown |||	White							2.00	.50	.50								.11					.52	.78	.05		1.99						6.45
Gilbert |||	White							.80	.28														1.65	.40		.40	2.07		T.				5.60
Glenwood |||	Ouachita							.30	.80														.65	.95	.21		1.25			.10			4.26
Grannis	Red							1.22	.31	T.												.05	2.00	.65	.04	1.65	.04		.03			.03	6.02
Gravette |||	Arkansas							1.66		.71	T.												37	.04			1.14						3.92
Harrison	White							.97	1.17	.27												.58	.60	.10	.01	1.54			.02		.02		5.28
Heber Springs |||	White							1.18	.81														1.10	.24		1.87	.07						5.27
Helena |||	Mississippi							.55	2.43	.76								.10						.05	.10		1.45						5.44
Higden	White							1 03	.65														1.75	.15		2.48							6.06
Highland	Ouachita							.40	.45														.75	.70		1.00							3.30
Hope [Evap]	Red							1.96	.87														.56	.62	.14	.52	.24					T.	4.91
Hot Springs	Ouachita							.20	1.10														1.85	.50		.94						.01	4.60
Index |||	Red							.57	.40														T.	.95	.45	T.	.82						3 19
Jessieville	Ouachita							.08	1 15														1.99	.18		1.29							4.69
Jonesboro |||	White							.48	99	.55	.67						.15						.85	.35	.02		.93			T.			4.39
Lead Hill	White						T.	1.10	13	06								T.				.04	.66	.08		.94							3.01
Little Rock ***	Arkansas						T	.54	.80													T.	1.42	.37		1.29	T.		T.				4.42
Lutherville	Arkansas							1.43	.75	.10													1.86	.58		3.93							8.65
Madison |||	St. Francis							.15	2.55	.56								T	T.				T	.40	.20	T.	.80	T.					4.66
Magnolia	Red							1.40	33															.45	.17	1.00	.18						3.53
Malvern	Ouachita																						*	1.95		1.43							
Mammoth Spg |||	White							1.09	.31	.61	.11												2.18	.18		10	2.10						6.68
Marianna	St. Francis							2.70	.67	.10							.10	.10					.15	.22			1.10						5.14
Marked Tree |||	St. Francis							1.30	1.22	.83							.07						.38	.32	.05		72						4.89
Mena |||	Ouachita							.38	.34	T.	T.												1.81	.78	.28	.29	1.84	T	T.				5.72
Montongo	Ouachita							1.87	1.54															.30			1.15						4.86
Morrilton |||	Arkansas							1.57	.65														1.16	.31	.06		1.36						5.11
Mountain Home	White						.55	1.05	.35	.18												1.05	.85	.18		2.00	.08		T.				6.29
Mount Ida	Ouachita							.64	.80														1.18	.92		1.65							5.19
Nail	White																																
Newport |||	White							1.36	.39	.26	.02												.70	.49	.01		.78						4.01
Okay	Red							.81	.32														1.15	.51	.20	.82							3.81
Ozark |||	Arkansas							.91	.53		.14												.86	.41		.74	2.00						5.59
Paragould |||	St. Francis							1.42	2.00	.96	.10												.14	1.02	.24		2.76						8.64
Parkin |||	St. Francis							.24	1.50	1.04													.35	.56	.11		.75						4.55
Patterson	White							1.08	.82	.32							1.69						.90	.23		.76	.59						6.39
Pine Bluff |||	Arkansas							.62	.46	.03														.92	.17	.05	1.29						3.54
Pine Ridge |||	Ouachita							.98	.45														*	2.00	.24	*	1.74						5.41
Pocahontas	White							.40	.20	.45	.14												1.10	.22		2.60						T.	5.11
Portland |||	Ouachita							T.	1.54	.05							.04								.28	.03	1.40	.03					3.37
Prescott |||	Ouachita							.81	.90														.27	.67	.21	.09	.81						3.76
Rock Springs	Ouachita							3.20	.90															.30			1.30						5.70
Rogers (near)	White						.10	.33	.44	.09												T.	.62			1.36	.04						2 98
Rosebud	Arkansas							1.00	.85										.14					.30	1.00		1.03						4.32
Russellville [Evap]	Arkansas							.78	.39	.01													1.89	30		1.85							5.22
St. Charles |||	White							1.20	1.05														.12	.18		1.65						T.	4.20
St Francis |||	St. Francis							1.20	1.22	1.66	T.						T.	T.					.65	.45	T.		1.97					T.	7.15
Searcy	White							2.05	.43	.04	T							.05					.45	.60	.03		.96						4.61
Springbank |||	Red							.88	.68															.14	.53	.30	.80			T.			3.33
Story |||	Ouachita							.35	.38														1.32	52	.12	T.	1.12						3.81
Stuttgart |||	Arkansas							.42	.83	.49							20						T.	.82	.15		1.84						4.75
Subiaco	Arkansas							1.40	.44	.05												T.	1.62	.51	.01	2.42	T.					T.	6 45
Texarkana |||	Red							.70	.40														.20	.52	.60	.35	1.06						3.83
Thornburg	Arkansas						T.	.87	.78	.78	.03											T.	1.51	.31	T.	1.24	.05					T.	5.57
Waldron	Arkansas							1 50	.32	.03													2.03		.76	2.03			T.				6.67
Warren	Ouachita																																
Whitecliffs	Ouachita						.60	.32															.60	.43	.33	1.56	T.						3.84
Wilson |||	Mississippi							.28	1 15	1.60								.13					T	.60	.05		.62						4.43
Wynne |||	St. Francis							*	2.03	1.00													.70	1.11	.08	1.30							6.22
Yancopin |||	Arkansas							2.28	1 36	.09							.20	.02						.08	.30	.01	1.28						5.62

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Route 2, Mt. Vernon; Springbank, Dodridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||| 24 hours ending 7 a.m. *Included in next measurement. Data initalics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Daily temperatures for October, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity§§	Maximum	75	78	81	86	86	85	72	70	66	72	75	80	80	81	84	82	76	82	85	83	84	64	49	55	61	56	54	56	71	75	72	73.4
	Minimum	54	55	55	56	58	64	63	62	57	62	46	49	48	48	49	54	56	44	47	49	53	54	45	45	48	55	43	43	40	43	48	51.4
Batesville	Maximum	66	75	76	82	78	81	76	73	69	70	72	75	77	77	79	81	71	79	84	81	78	72	48	59	57	61	52	56	71	67	71	71.4
	Minimum	46	45	46	47	52	62	61	65	48	57	39	40	42	42	45	53	50	38	43	50	60	46	42	35	50	43	31	33	33	34	42	45.8
Bee Branch	Maximum	76	75	78	82	84	82	82	68	67	77	73	75	78	78	80	83	82	79	85	83	80	72	46	56	57	58	54	56	68	68	70	72.6
	Minimum	49	49	50	51	54	60	60	63	48	57	41	42	45	48	49	55	49	42	46	50	55	45	39	39	50	43	32	31	33	40	50	47.3
Bentonville ***	Maximum	71	69	75	77	81	72	70	71	61	61	68	73	77	76	76	78	66	77	81	78	66	42	45	58	60	52	45	55	66	68	63	67.1
	Minimum	46	48	52	52	56	58	58	55	55	49	44	44	53	51	50	51	49	45	54	64	42	40	36	36	52	35	34	41	39	41	57	48.0
Blytheville	Maximum	75	75	77	84	85	82	75	81	73	70	70	78	80	79	78	78	75	74	86	82	81	73	68	68	70	63	50	55	69	68	70	73.9
	Minimum	49	45	47	48	58	64	65	64	60	63	50	43	48	46	50	61	57	42	47	52	56	42	42	37	47	41	32	31	33	37	43	48.4
Booneville	Maximum	78	79	80	84	86	83	80	68	63	70	77	79	82	81	82	84	76	76	86	81	77	56	47	53	60	59	50	60	72	71	72	72 7
	Minimum	48	51	51	53	56	65	61	63	56	55	46	44	50	49	49	53	58	43	47	67	55	45	43	39	52	44	39	36	35	40	57	50 0
Brinkley	Maximum	77	78	79	86	87	85	80	78	81	74	72	79	79	76	78	82	75	78	85	82	83	74	50	59	71	62	58	55	70	69	73	74.7
	Minimum	52	49	51	49	58	65	64	65	53	55	45	43	48	46	51	62	55	42	46	49	58	47	44	42	49	44	36	37	33	39	44	49.1
Calico Rock	Maximum	75	87	80	84	84	85	80	80	70	68	73	76	78	78	80	80	77	80	83	82	78	55	49	55	59	59	56	58	67	65	70	72.6
	Minimum	52	52	51	50	56	64	61	65	54	58	45	45	46	48	48	52	55	42	46	55	54	45	41	48	50	41	32	38	35	39	48	48.6
Camden	Maximum	79	81	86	89	90	85	83	77	85	78	76	80	82	82	85	86	80	81	85	84	87	78	54	57	68	64	57	56	72	75	75	77.3
	Minimum	..	..	..	..	..	65	65	62	57	51	48	44	47	47	50	57	56	43	59	48	59	52	46	48	50	50	41	42	40	39	50	50.6
Carthage	Maximum	76	78	82	87	88	84	77	72	73	76	74	80	81	79	81	82	78	80	85	85	85	79	55	54	65	62	54	54	70	67	73	74.7
	Minimum	51	49	48	48	54	62	62	62	50	51	43	42	43	45	48	53	54	40	44	46	53	47	43	44	49	45	35	40	34	38	45	47.4
Conway	Maximum	80	80	81	87	88	84	78	69	72	77	76	80	83	81	81	85	79	82	90	86	85	77	48	59	59	60	56	57	73	75	75	75.6
	Minimum	50	49	49	50	57	64	61	65	48	57	43	44	48	46	48	56	56	42	45	53	60	47	43	39	51	45	33	35	33	37	47	48.4
Corning	Maximum	64	75	77	83	86	81	74	76	71	62	71	77	80	77	82	81	74	78	84	83	80	58	47	61	60	60	50	54	70	67	70	71.4
	Minimum	48	44	48	46	59	63	62	65	59	56	42	41	46	45	48	60	54	40	45	52	58	42	40	34	47	39	34	31	31	33	41	46.9
Crossett	Maximum	81	79	85	89	93	91	83	75	75	80	78	81	83	83	85	85	83	86	86	85	87	81	65	85	80	70	53	72	70	75	88	80 4
	Minimum	47	47	50	52	56	68	64	63	49	54	47	41	43	45	51	58	53	41	45	46	48	48	48	46	54	47	42	46	55	36	48	49.6
Dardanelle	Maximum	80	80	81	85	88	84	81	75	70	73	77	80	82	79	82	85	76	83	87	86	81	63	49	56	58	59	56	59	70	72	74	74.5
	Minimum	41	51	50	52	55	62	61	64	51	57	47	44	49	47	48	54	57	42	45	57	61	47	43	39	50	44	40	37	37	40	51	49.4
De Queen	Maximum	78	80	84	84	86	85	78	70	69	75	77	80	80	81	82	84	83	83	87	83	77	73	51	53	61	61	47	55	70	74	70	74.2
	Minimum	49	52	52	51	54	64	64	58	56	55	43	44	47	48	50	53	43	42	45	55	65	51	46	47	53	46	42	43	38	40	55	50.0
Dumas	Maximum	82	81	84	90	88	87	77	70	78	73	75	83	85	81	72	85	79	81	85	88	88	72	51	58	63	63	55	58	72	75	76	76.0
	Minimum	59	58	47	50	54	64	65	65	53	56	47	46	47	47	52	60	57	45	48	48	55	50	47	47	50	46	41	42	36	36	46	50.5
Dutton	Maximum	71	70	72	75	78	78	71	68	61	64	68	70	73	71	74	76	67	77	78	77	69	52	45	56	58	58	51	57	68	65	62	67.
	Minimum	42	45	43	48	53	56	61	61	52	52	36	35	41	41	41	45	50	34	41	51	52	40	38	32	49	35	32	35	29	32	58	44.0
El Dorado	Maximum	82	82	87	89	92	88	82	76	78	78	76	78	81	84	85	86	81	81	88	84	86	77	55	54	72	65	55	56	71	77	79	77.
	Minimum	51	50	49	52	59	70	67	61	53	57	47	47	49	48	52	59	59	45	49	53	61	60	48	47	51	49	42	45	45	42	50	52.
England	Maximum	79	..	88	88	88	85	79	70	72	74	..	80	82	82	83	84	81	86	..	84	85	75	61	58	67	65	51	56	76	74	73	75.
	Minimum	51	..	46	50	58	65	62	65	50	56	..	45	47	47	51	60	44	48	..	51	59	47	43	43	49	45	35	40	38	41	47	49.
Eureka Springs	Maximum	74	71	76	78	83	75	70	73	62	64	71	74	78	79	78	80	70	79	83	78	69	47	46	59	60	60	49	57	67	71	64	69.
	Minimum	49	49	51	51	59	59	57	62	53	51	42	44	51	51	51	53	50	45	59	63	34	37	36	33	40	25	24	30	32	34	46	45.
Fayetteville	Maximum	71	70	75	76	79	79	72	70	64	62	67	72	76	78	76	78	72	75	81	78	72	48	44	59	61	59	48	56	65	67	64	68.
	Minimum	47	49	51	52	58	59	58	57	55	53	43	42	54	47	48	49	52	42	55	64	48	39	37	39	52	36	34	41	36	39	56	48.
Fort Smith***	Maximum	76	75	77	84	86	85	74	68	61	68	73	78	81	79	80	81	71	79	87	84	70	49	49	55	58	57	47	60	68	70	70	71.
	Minimum	53	56	57	57	61	64	61	62	60	54	47	48	54	54	54	60	54	47	53	63	49	45	43	42	52	40	41	42	39	46	56	52.
Gilbert	Maximum	74	76	77	80	85	85	76	76	76	74	69	75	80	79	81	80	81	80	78	78	77	71	55	53	58	61	54	54	61	70	73	72.
	Minimum	48	48	47	47	52	50	48	49	48	44	40	38	40	42	42	43	41	41	43	41	48	43	37	36	47	39	28	31	31	33	35	41.
Gravette.§§	Maximum	72	72	76	79	82	76	69	70	57	62	68	74	78	78	79	80	56	78	82	79	55	42	45	59	59	38	48	58	67	70	68	67.
	Minimum	44	46	47	50	54	59	56	56	53	50	37	40	43	49	49	49	48	39	40	54	51	39	35	32	33	35	33	33	34	35	43	44.
Harrison	Maximum	72	70	72	76	79	78	79	79	66	63	68	71	75	74	74	76	67	75	79	77	76	68	60	61	60	60	47	59	65	65	67	69.
	Minimum	47	54	48	48	54	59	59	59	51	54	43	42	42	45	46	49	53	41	47	59	49	41	38	33	49	37	34	40	34	35	38	46.
Helena	Maximum	72	74	78	85	85	80	74	76	72	72	68	77	80	80	77	77	70	74	84	82	82	69	50	55	78	66	52	52	68	69	73	72.
	Minimum	52	48	55	59	64	65	67	56	57	54	44	47	54	55	60	63	55	43	50	57	59	48	45	45	50	44	39	39	36	44	49	51.
Highland	Maximum	77	83	85	88	90	85	74	74	74	75	78	82	81	83	84	90	80	82	88	84	82	70	60	57	58	63	66	59	70	70	72	76.
	Minimum	51	52	56	54	59	60	60	56	53	55	45	50	55	50	52	58	62	46	53	55	62	50	49	44	45	46	45	44	38	45	53	51.
Hope	Maximum	77	77	84	86	88	84	78	70	72	74	75	81	81	82	84	83	79	80	86	84	85	75	50	51	65	63	56	56	72	74	74	75.
	Minimum	49	49	50	50	55	67	60	56	51	56	44	44	44	48	50	55	60	44	45	55	62	50	45	45	50	48	41	44	41	40	55	50.
Hot Springs	Maximum	76	80	83	86	89	86	80	72	70	78	80	82	83	84	85	85	78	83	81	84	83	74	47	56	60	62	53	..	..	..	..	76.
	Minimum	51	51	51	56	57	64	62	61	52	60	45	46	49	49	51	54	56	44	51	57	62	46	43	43	51	46	36	38	39	43	50	50.
Jonesboro	Maximum	69	74	76	83	85	83	75	73	71	70	70	77	80	78	78	81	71	75	70	83	80	73	48	58	60	61	49	54	59	67	65	70
	Minimum	52	49	51	53	57	64	63	64	56	57	45	46	48	48	52	62	59	45	51	50	56	47	42	38	49	42	34	34	37	41	44	49
Lead Hill	Maximum	75	78	77	82	85	82	73	76	69	65	73	80	83	81	80	83	69	82	87	84	70	51	46	60	60	61	54	60	71	69	73	72
	Minimum	46	50	47	48	53	59	58	63	51	55	41	40	43	44	43	46	51	38	43	61	49	41	37	35	59	38	33	40	32	32	49	45
Little Rock.***	Maximum	74	74	78	83	85	80	71	68	69	72	72	77	78	77	79	80	73	80	84	83	80	61	48	58	65	60	52	56	69	69	72	71
	Minimum	56	55	57	58	62	68	62	56	51	54	50	52	54	53	56	60	57	49	52	57	61	46	44	44	52	43	36	41	39	49	53	52
Lutherville	Maximum	77	79	78	83	85	84	77	75	66	70	70	68	80	79	81	84	73	77	86	85	76	58	45	58	57	57	55	59	66	70	64	71
	Minimum	49	51	54	53	59	66	59	63	54	56	45	45	50	53	51	55	58	44	52	58	58	44	40	37	50	40	37	48	36	43	52	50
Magnolia	Maximum	78	79	85	87	90	88	80	85	75	77	78	81	81	87	87	85	83	80	87	85	92	82	53	54	76	65	57	55	70	72	78	77
	Minimum	50	52	50	51	58	66	64	59	50	49	44	46	51	48	56	57	57	42	47	54	61	51	45	45	52	51	40	43	44	40	55	50
Mammoth Spring	Maximum	73	76	75	81	82	84	76	74	73	65	70	74	83	80	84	78	74	78	85	84	78	69	51	58	58	56	56	62	63	64	68	72
	Minimum	49	50	51	49	55	60	62	64	59	56	48	43	46	45	49	52	54	41	50	52	56	45	40	35	48	37	31	35	34	34	41	47
Marianna	Maximum	71	73	76	77	84	79	77	75	73	71	..	75	76	75	74	78	72	..	80	80	80	75	52	56	73	..	52	51	63	66	68	71
	Minimum	53	48	52	52	54	67	66	67	57	58	..	47	47	48	54	63	58	..	46	57	58	49	45	44	..	45	40	38	35	38	45	51
Marked Tree§§	Maximum	62	77	79	83	84	81	70	75	72	70	70	77	78	79	79	80	71	75	84	82	82	52	48	64	70	52	50	55	70	69	71	71
	Minimum	51	47	48	49	49	64	66	64	58	56	45	45	47	46	49	62	55	43	44	52	59	49	43	40	42	50	34	33	34	38	42	48
Mena	Maximum	72	77	79	82	84	82	75	66	69	68	76	78	79	79	80	82	73	81	85	81	74	59	45	52	61	59	46	55	71	71	65	71
	Minimum	48	50	50	51	58	64	59	58	55	54	42	44	52	48	48	54	58	45	52	64	58	45	41	41	50	41	37	36	36	41	55	49
Morrilton	Maximum	79	80	79	83	86	83	80	79	78	77	73	76	79	79	80	83	79	80	85	83	84	79	70	69	60	60	56	79	69	71	72	76
	Minimum	60	51	50	52	57	63	62	59	51	60	49	57	50	49	48	60	55	45	56	58	60	49	42	45	47	47	35	37	34	40	53	51
Mountain Home	Maximum	74	75	75	82	84	83	68	72	71	68	74	78	82	79	80	82	72	82	87	63	76	53	45	57	58	57	51	60	72	68	72	71
	Minimum	48	53	50	50	55	63	57	63	50	52	46	42	46	46	48	50	53	41	45	54	50	42	38	33	48	38	31	38	33	36	47	46
Mt. Ida	Maximum	77	80	79	84	85	84	73	68	70	74	78	79	80	80	82	84	78	85	85	82	79	64	48	55	61	62	54	58	75	72	70	73
	Minimum	43	44	43	44	49	58	61	60	53	57	39	39	40	40	41	40	48	36	38	56	61	47	43	41	50	44	39	33	30	34	46	42
Newport	Maximum	74	76	78	84	86	84	76	72	72	71	71	77	82	79	79	82	74	78	85	83	81	75	49	60	59	61	50	55	72	60	72	72
	Minimum	49	49	49	49	59	66	62	66	54	57	45	43	55	45	49	61	54	40	46	52	58	47	42	39	51	45	33	35	33	36	44	
Ozark	Maximum	80	78	78	81	85	85	78	74	73	71	71	75	79	80	80	82	74	78	85	82	73	58	49	57	79	59	44	69	68	69	62	
	Minimum	58	51	52	56	56	65	60	62	62	55	44	44	48	49	49	55	57	43	47	56	55	44	42	37	50	40	38	42	37	40	54	
Pine Bluff	Maximum	78	79	82	90	91	84	78	71	74	75	76	82	83	82	78	84	80	82	90	86	86	74	50	55	71	62	55	54	73	74	74	
	Minimum	55	53	56	55	60	68	63	66	52	56	47	49	50	50	54	62	59	44	54	55	61	49	46	45	51	47	38	43	39	43	51	
Pocahontas	Maximum	74	76	77	82	84	84	79	76	74	69	71	74	79	78	82	82	74	80	81	82	79	74	48	61	59	61	51	56	70	68	69	
	Minimum	48	47	50	50	53	64	61	64	55	52	44	40	43	44	48	60	55	41	44	47	53	44	39	36	47	42	33	31	31	35	41	
Portland	Maximum	87	76	81	87	90	89	83	71	75	76	70	79	80	82	83	79	78	73	85	85	86	77	56	59	82	72	51	56	63	70	76	
	Minimum	51	49	51	52	58	65	69	65	51	55	48	43	45	45	54	60	54	46	44	49	55	56	49	47	50	51	41	43	40	39	45	
Prescott	Maximum	78	79	83	87	90	87	84	73	74	76	75	81	82	82	84	83	80	81	86	85	86	83	51	52	64	61	57	57	71	74	74	
	Minimum	53	52	52	54	57	65	64	59	50	56	46	45	47	48	53	56	59	44	47	53	62	51	45	45	49	51	40	44	40	41	54	
St. Charles	Maximum	74	76	78	77	85	81	79	72	72	76	73	77	79	78	78	79	73	76	83	81	82	79	50	73	71	54	53	54	67	69	71	
	Minimum	54	50	54	52	52	65	66	70	55	59	46	47	45	48	52	61	56	43	47	49	57	49	46	40	43	47	40	40	35	41	44	
Searcy	Maximum	76	77	79	87	89	84	76	72	71	74	75	81	82	81	80	85	76	81	87	85	80	70	49	61	62	58	53	57	71	74	76	
	Minimum	52	52	50	51	56	64	62	66	51	56	43	44	45	46	50	60	55	41	46	46	58	46	43	42	51	45	34	36	34	37	45	
Stuttgart	Maximum	76	78	83	86	88	85	80	72	74	75	73	80	82	79	82	82	75	78	86	85	86	74	50	57	71	64	55	56	69	73	75	
	Minimum	52	42	57	54	61	66	67	66	52	50	44	44	48	49	52	63	56	44	48	49	58	48	45	43	49	45	37	40	36	40	40	
Texarkana	Maximum	79	82	82	89	91	85	80	67	73	77	78	83	81	85	87	86	81	85	88	84	87	74	56	51	64	60	50	56	72	74	77	
	Minimum	52	54	53	52	59	67	65	56	52	55	45	46	48	50	50	53	58	45	45	54	58	49	45	45	50	47	41	40	41	44	54	
Thornburg	Maximum	78	77	80	83	85	82	75	73	68	71	75	78	80	81	85	84	74	82	85	83	80	64	47	57	59	62	55	57	72	72	72	
	Minimum	42	40	40	48	53	61	60	61	42	52	39	37	43	39	40	43	49	35	39	65	64	45	41	36	50	42	35	32	30	32	53	
Wilson	Maximum	65	74	76	82	83	83	78	79	74	68	68	75	78	78	78	79	76	73	83	80	81	75	50	61	70	65	45	52	65	65	69	
	Minimum	50	47	46	60	62	65	66	64	60	56	45	46	51	47	53	56	57	42	50	54	57	50	44	40	52	43	33	33	37	35	40	
Wynne	Maximum	74	78	78	86	84	82	75	78	77	75	71	79	80	79	78	82	74	77	80	83	83	74	64	62	68	61	52	55	70	68	72	
	Minimum	47	45	51	52	60	63	62	62	53	53	40	41	49	49	53	58	53	39	48	52	58	48	41	38	50	52	32	33	33	33	45	

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding

Weather Bureau Office, Little Rock, Ark 11-23-36

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XLI LITTLE ROCK, ARK., NOVEMBER, 1936 No. 11

PRICE: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

Temperatures were considerably below normal from the 3d to the 11th and from the 23d to the 27th, with the coldest weather of the month occurring in nearly all sections on the 27th. The first freeze of the season occurred on the 3d or 4th but very little damage resulted as most crops were mature. The average temperature for the State, based on the records of 59 stations, was 48.5° which is 2.9° below the 46-year mean, all stations except one having negative departures. The highest temperature reported was 87° at Crossett, Dumas, and Magnolia on the 2d; the lowest, 12° at Gilbert on the 27th.

Rainfall was heavy in most sections of the State the first of the month and at several stations on the 30th. Light to moderate rain occurred in central and southern sections on the 23d or 24th but very little or none in northern counties. The average precipitation for the 95 stations reporting was 3.00 inches which is 0.69 inch below the 46-year mean. Monthly amounts ranged from 0.10 inch at Gilbert in the Ozarks to 6.41 inches at Crossett in a southeastern border county. The greatest amount measured in any 24-hour period was 3.58 inches at Searcy on the 3d. Snow occurred in the northern half of the State on the 3d and in the extreme northeastern portion on the on the 26th but only 13 of the 95 stations reported a measurable amount during the month. The greatest monthly total was 4.0 inches at St. Francis.

The first ten days of the month were generally either too wet or too cold for farm work but thereafter until about the 24th the weather was favorable. Most of the cotton which remained in the fields at the opening of the month was picked before the freezing weather the latter part. Nearly all corn has been gathered and the threshing of rice has been completed. Wheat, oats, rye, winter pastures, and winter grasses were sown during the month and all are in good to excellent condition. Considerable fall plowing has been done and orchards have been pruned and prepared for winter spraying. T.A.M.

Corrections, October, 1936.--Jonesboro, maximum temperature on 19th should be 84°, on 20th, 70°, on 31st, 71°. Mean maximum 71.8°, mean temperature 60.6°, departure from normal −2.0°.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1	.	.
Light Hail	.			.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	3	12	7		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30.20	30.52	4	29.62	2	6.9	24	nw	27	..	..	..	75
Fort Smith	30.22	30.55	4	29.67	2	7.9	28	nw	26	75	48	55	65
Little Rock	30.23	30.56	16	29.75	2	8.8	27	nw	26	74	49	54	66
Memphis	30.21	30.57	16	29.79	26	8.4	30	nw	26	73	54	56	58

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	49.7	87	10	5.56	...	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T.	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T.	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47.8	89	10	1.95	T.	5	15	4	11
1921	54.9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.31	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50.4	89	15	5.67	T.	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0.1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50.5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T.	9	9	6	15
1932	46.7	82	9	1.98	0.1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	2.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
Period	51.4	96	2	3.69	0.1	6	14	6	10

Daily River Stages for November, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith or	..Arkansas	22	6.9	6.6	7.2	9.0	13.8	16.0	13.8	10.7	8.6	7.6	7.0	6.6	6.4	6.2	6.0	5.8	5.5	5.4	5.3	5.3	5.3	....	....	..	....	.. .	....	. .	....	. .	
Van Buren ...			7.0	6.6	7.8	8.5	13.8	16.5	14.8	11.3	9.0	8.0	7.4	6.8	6.5	6.2	6.0	5.8	5.5	5.4	5.3	5.1	5.3	5.0	4.9	4.8	4.8	4.6	4.5	4.4	4.4	4.5	
Ozark	......do.. .	22	3.3	2.7	3.3	4.0	6.8	11.5	11.8	8.7	6.2	5.2	4.4	4.0	2.5	2.3	2.1	2.0	1.8	1.6	1.3	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	
Dardanelle	......do....	22	7.7	6.8	8.4	8.0	8.0	12.1	14.5	13.2	10.7	8.8	7.5	6.8	6.2	5.4	5.4	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.0	4.0	4.0	3.7	3.7	3.6	
Morrilton	......do....	20	4.5	2.8	2.3	4.6	4.2	6.2	10.8	11.2	8.1	6.0	5.0	2.2	2.0	1.4	1.2	0.2	0.6	0.2	0.0	-0.2	-0.4	-0.5	-0.6	-0.8	-0.9	-1.0	-1.2	-1.3	-1.4	-1.6	
Little Rock.	.... .do....	23	6.4	5.1	4.2	4.6	5.4	5.4	8.8	11.4	10.5	8.1	6.1	4.6	3.6	3.0	2.6	2.2	2.0	1.7	1.5	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.4	0.3	0.3	
Pine Bluff	.... .do....	25	10.9	9.8	8.7	7.5	7.8	8.9	9.3	13.6	14.7	13.5	11.5	9.6	7.9	6.9	6.4	5.8	5.3	5.1	4.9	4.6	4.3	4.2	4.0	3.9	3.7	3.6	3.4	3.2	3.1	3.0	
Danville	.Petit Jean.	20	5.2	4.7	9.6	20.0	20.3	16.5	10.0	7.0	6.8	5.2	4.8	4.5	4.2	4.0	3.9	3.6	3.4	3.3	3.2	3.1	2.9	2.9	2.8	2.7	2.7	2.5	2.5	2.5	2.4	2.5	
OzarkBeachMo	...White...	30	4.4	2.0	6.6	10.1	11.0	8.2	6.2	5.2	4.6	4.4	2.6	1.2	2.2	3.0	1.0	1.9	1.0	1.0	0.9	-0.8	-0.8	-0.8	-0.6	-0.8	-0.8	-0.7	-0.7	-0.8	-0.8	-0.8	
Cotter	. . do.....	21	6.0	5.2	10.8	9.8	10.9	11.3	9.1	8.9	6.8	5.9	5.6	5.0	4.8	4.6	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.6	3.6	
Calico Rock	.....do.. ..	18	4.6	4.1	5.6	[illegible]	9.9	9.9	8.8	6.6	5.5	4.8	4.3	4.0	3.4	2.7	2.7	2.9	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.6	0.9	0.5	1.4	1.3	0.7	1.0	
Batesville	.....do.....	23	10.1	9.7	11.6	[illegible]	16.8	16.5	16.5	12.8	11.8	10.7	9.9	9.4	8.9	8.2	7.8	7.8	7.8	6.8	7.2	6.9	6.8	6.8	6.3	6.1	6.1	5.6	5.9	5.9	5.5	5.2	
Newport	.....do.....	26	10.6	9.1	8.5	[illegible]	16.7	17.8	18.2	17.2	15.9	13.9	12.0	10.2	9.0	7.8	6.8	6.2	5.9	5.7	4.9	4.9	4.5	4.2	3.9	3.3	2.9	2.5	2.0	2.0	2.0	1.9	
Georgetown	.....do.....	21	14.9	14.0	14.0	14.5	16.4	17.1	17.5	17.7	17.8	17.8	17.5	16.8	14.7	13.4	12.4	11.8	10.8	9.8	9.1	8.4	7.6	7.2	6.7	6.2	5.6	5.0	4.8	4.0	3.8	3.7	
Clarendon	.....do.....	26	19.6	19.9	20.2	20.3	20.4	20.6	20.9	21.3	21.6	21.9	22.2	22.5	22.7	22.8	22.8	22.5	22.1	21.5	20.8	19.9	19.0	18.0	17.1	16.3	15.5	14.7	14.0	13.3	12.6	12.0	
Gilbert	Buffalo....	30	4.5	4.1	6.5	6.8	5.5	5.0	4.8	4.5	4.2	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2	
Black Rock	...Black....	14	5.0	4.7	7.3	13.7	11.6	10.6	10.0	9.1	8.2	7.2	6.5	6.0	5.8	5.9	5.8	5.7	5.5	5.3	5.0	4.7	4.2	3.7	3.3	3.0	2.7	2.6	2.5	2.4	2.3	2.2	
Arkadelphia	.Ouachita..	17	4.9	4.5	4.6	6.0	6.5	5.6	5.2	4.9	4.8	5.2	6.6	6.4	4.9	5.7	5.5	4.5	5.4	5.0	5.5	5.6	5.4	5.2	4.3	4.4	6.8	6.2	4.5	5.0	4.4	4.4	
Camden	.Ouachita..	26	5.1	5.2	5.4	4.8	4.8	6.1	6.3	6.0	5.8	5.3	4.9	4.9	5.8	5.8	5.0	4.9	5.0	4.8	4.5	4.7	5.1	5.0	5.1	4.9	4.5	4.4	5.8	5.4	4.6	4.7	
Fulton	....Red.....	25	15.2	13.6	11.9	10.8	11.3	12.9	13.4	12.2	11.4	10.4	9.5	9.0	8.5	8.3	8.0	7.8	7.6	7.4	7.2	7.1	7.0	6.8	6.6	6.5	6.5	6.4	6.3	6.2	6.1	6.0	
Helena	Mississippi.	41	5.9	6.0	6.4	7.1	7.7	8.3	10.0	12.7	15.8	18.7	20.6	21.5	22.0	22.2	22.2	22.0	21.8	21.5	21.0	20.2	19.1	17.3	14.8	12.0	10.0	8.9	8.2	7.6	7.2	6.8	
Arkansas City	.....do....	48	5.8	5.3	4.9	4.8	4.8	5.0	5.5	6.6	9.0	12.4	15.0	16.5	17.1	17.5	17.5	17.4	17.2	17.1	16.8	16.5	15.9	15.1	14.0	12.4	10.2	8.2	6.4	5.3	4.4	3.8	

Climatological Data for November, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	.....	.....	79[a]	2	.....	.....	.....	2.72	-0.77	0.86	0.0	10	14[a]	8[a]	7[a]	n.	J. W. Campbell
Arkadelphia	Clark	200	41	.....	.....	.....	.....	.....	.....	.....	2.86	-0.69	1.12	0.0	9	15	3	12	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	52	.....	.....	.....	.....	.....	.....	.....	3.92	+0.14	2.10	0.0	5	17	0	13	.....	Herbert Neff
Batesville	Independence	277	37	46.2	-3.0	78	2†	15	27	45	1.37	-2.06	1.22	T.	3	20	4	6	nw.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	49.2	-1.6	77	3	20	27	42	1.52	-2.14	0.90	0.0	3	18	5	7	n.	J. E. Scanlan
Benton	Saline	285	1	.....	.....	.....	.....	.....	.....	.....	3.32	.....	1.71	0.0	9	20	1	9	.....	S. A. Burks
Bentonville	Benton	1295	31	44.5	-3.7	75	1	22	27	36	2.31	-0.83	2.28	T.	2	17	6	7	sw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	6	.....	.....	.....	.....	.....	.....	.....	3.82	.....	3.07	2.0	2	15	6	9	.....	C. J. Brooks
Black Rock	Lawrence	259	35	.....	.....	.....	.....	.....	.....	.....	2.11	-1.80	2.00	0.0	2	19	3	8	n.	Vernon C. Howe
Blytheville	Mississippi	252	11	46.2	-5.2	81	2	18	27	39	3.94	-0.29	3.11	1.0	4	23	1	6	s.	Samuel Norris
Booneville	Logan	465	22	47.7[a]	-4.9	77	1	22[a]	27	39[a]	3.10	-0.14	2.15	0.0	5	19	3	8	w.	F. H. Randolph
Boughton ‡‡	Nevada	235	1	.....	.....	.....	.....	.....	.....	.....	2.51	.....	1.14	0.0	7	14	2	14	.....	Harry Buie
Brinkley	Monroe	205	49	49.0	-2.9	82	2	18	27	41	4.39	+0.43	3.02	1.0	5	18	1	11	ne.	R. J. Torry
Calico Rock	Izard	361	32	48.8	+0.7	83	2	19	27	41	2.45	-1.06	2.45	0.0	1	17	5	8	n.	W. M. Jones
Camden	Ouachita	116	51	52.2	0.0	85	2†	23	27	46	4.85	+0.91	2.17	0.0	5	14	3	13	w.	J. M. Knight
Carthage	Dallas	297	31	49.0	-3.2	83	2	20	27	44	2.74	-0.70	0.90	0.0	6	15	9	6	n.	P. K. Wylie
Center Point	Howard	591	37	.....	.....	.....	.....	.....	.....	.....	..	.....	..	..	..	..	..	..	.....	John C. Floyd
Clarendon	Monroe	172	32	.....	.....	.....	.....	.....	.....	.....	3.65	-0.20	2.17	0.5	6	14	6	10	n.	R. M. Wheatley
Clinton	Van Buren	516	15	.....	.....	.....	.....	.....	.....	.....	1.49	-1.95	0.69	0.0	3	20	3	7	n.	A. L. Stephens
Conway	Faulkner	309	53	49.4	-2.5	81	2	20	27	44	4.11	+0.51	2.97	0.0	5	21	1	8	n.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	49.4	-3.3	84	2	23	27	41	5.98	+2.35	3.57	0.0	8	22	2	6	n.	P. B. Hutchens
Corning	Clay	293	43	44.4	-4.2	73	14	17	27	41	2.78	-0.98	2.13	3.0	8	23	1	6	nw.	Winifred D. Polk
Cotter	Baxter	440	9	.....	.....	.....	.....	.....	.....	.....	1.26		1.26	0.0	1	21	0	9	.....	O. B. McSpadden
Crosset (near)	Ashley	175	24	51.8	-2.2	87	2	24	27	44	6.41	+2.53	2.20	0.0	7	16	5	9	n.	U. S. Forest Service
Danville	Yell	327	20	.....	.....	.....	.....	.....	.....	.....	2.09	-0.98	0.92	0.0	6	16	7	7	.....	J. M. Patterson
Dardanelle	Yell	330	50	49.6	-2.3	79	2	21	27	42	1.97	-1.34	1.04	0.0	5	11	9	10	n.	Geo. N. Goodier
De Queen	Sevier	426	1	50.0[a]	.....	77	2	25[a]	22†	39[a]	2.43		0.57	0.0	8	16	6	8	s.	E. B. Smith
Dumas	Desha	162	31	50.2	-3.5	87	2	23	27	44	3.77	-0.48	2.00	0.5	5	15	7	8	n.	Ben Johnson
Dutton	Madison	1590	34	44.4	-3.0	71	1†	13	27	45	2.79	-0.54	1.67	T.	4	16	9	5	n	J. M. Ricketts
El Dorado	Union	270	36	52.9	-2.3	86	2	26	27	40	4.45	+0.39	1.27	0.0	7	16	5	9	n.	E. W. Gaston
England	Lonoke	229	30	50.5	-2.7	84	2	23	27	45	4.27	+0.48	2.28	0.0	5	20	3	7	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	47.2	-3.7	74	1	21	27	39	1.25	-1.85	1.25	T.	1	20	7	3	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	46.3	-3.2	75	1	20	27	38	1.57	-1.30	1.41	T.	4	15	10	5	sw.	University of Arkansas
Fordyce	Dallas	190	8	50.6	.....	83	2	26	27	43	5.28	.....	3.14	0.0	8	24	0	6	n.	M. G. Taylor
Fort Smith	Sebastian	448	55	47.8	-3.2	79	1	28	4	35	1.09	-1.78	0.71	T.	4	17	4	9	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	12	.....	.....	.....	.....	.....	.....	.....	2.74	-1.07	2.17	0.0	3	19	1	10	sw.	R. J. McCuiston
Fulton	Hempstead	260	51	.....	.....	.....	.....	.....	.....	.....	1.73	-1.77	0.44	0.0	5	13	8	9	.....	T. J. Logan
Georgetown	White	200	24	.....	.....	.....	.....	.....	.....	.....	4.13	+0.34	3.05	0.0	5	20	3	7	.....	Mrs. W. R. Owens
Gilbert	Searcy	600	10	44.6	.....	78	2	12	27	48	0.10	.....	0.10	0.0	1	17	3	10	.....	F. J. King
Glenwood	Pike	547	1	.....	.....	.....	.....	.....	.....	.....	2.29	.....	0.90	0.0	6	3	16	11	.....	C. A. Price
Grannis	Polk	900	17	48.6	-2.4	74	13†	22	27	40	3.34	-0.78	1.36	0.0	8	15	6	9	w	W. E. McVay
Gravette	Benton	1250	39	42.9[a]	-6.1	76	1	20[b]	4†	40[b]	1.68	-1.48	1.57	0.0	2	23	4	3	n.	Max W. Schmidt
Harrison	Boone	1052	36	45.4	-3.3	77	1	20	11†	40	1.44	-1.37	1.10	T.	3	25	1	4	sw.	Louis R. Keck
Heber Springs	Cleburne	....	1	.....	.....	.....	.....	.....	.....	.....	2.35	.....	1.33	0.0	4	14	3	13	.....	R. L. Black
Helena	Phillips	300	64	49.5	-3.5	81	2	20	27	39	4.77	+0.33	2.45	0.1	7	19	2	9	nw.	James A. Burnett
Higden	Cleburne	445	17	.....	.....	.....	.....	.....	.....	.....	1.75	-2.81	0.90	0.0	3	20	3	7	nw.	Truman Brown
Highland	Pike	491	17	51.2[b]	.....	78	2	26[e]	4	42[e]	2.85	.....	1.50	0.0	4	12	9	9	n.	J. O. Cooley
Hope [Evap.]	Hempstead	375	66	49.6	-4.6	81	2	27	27	40	2.15	-1.61	1.00	0.0	7	13	12	5	ne.	Experiment Farm
Hot Springs	Garland	600	45	.....	.....	.....	.....	25	27	.....	2.99	-0.91	1.52	0.0	7	15	8	7	s.	National Park Service
Index ‡‡	Little River	275	19	.....	.....	.....	.....	.....	.....	.....	1.45	-1.45	0.45	0.0	5	19	3	8	.....	W. E. McDowell
Jessieville	Garland	750	10	.....	.....	.....	.....	.....	.....	.....	3.56	.....	1.77	0.0	8	12	10	8	sw.	U. S. Forest Service
Jonesboro	Craighead	345	41	48.0[d]	-3.2	81[g]	2	22	27	38[g]	3.65	+0.26	2.76	1.5	4	17	5	8	sw.	Benedictine Sisters
Lead Hill	Boone	650	30	45.0	-3.4	78	1	15	27	51	1.08	-1.68	1.05	T.	2	23	2	5	n.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	57	49.6	-2.5	82	2	27	27	33	3.67	-0.52	2.17	T.	7	18	3	9	nw.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	37	48.6	-2.4	75	1†	23	27	35	3.74	+0.33	2.10	0.0	3	13	7	10	sw.	H. G. Lenhardt
Madison	St. Francis	209	6	.....	.....	.....	.....	.....	.....	.....	4.20	.....	2.82	2.0	4	15	0	15	.....	J. W. Eppes
Magnolia	Columbia	315	20	52.8[b]	-2.2	87[b]	2†	24[b]	27	52[b]	2.69	-1.34	1.03	0.0	5	15[b]	9[b]	4[b]	.....	State Agri. School
Malvern	.....	277	50	49.4	-2.6	83	2	21	27	43	2.67	-1.34		0.0	6	19	0	11	.....	H. K. Smith
Mammoth Spring	Fulton	600	32	46.0	-2.7	79	2	17	27	44	2.60	-0.67	2.60	0.0	1	17	10	3	nw.	S. F. Whittaker
Marianna	Lee	235	25	.....	.....	.....	.....	24	27	.....	3.98	+0.48	2.72	0.5	7	13	13	4	n.	C. N. Houck
Marked Tree	Poinsett	229	32	46.5	-2.7	80	2	23	27	39	3.64	-0.51	2.92	2.0	2	15	9	6	s.	Charles Walton
Mena	Polk	1207	48	48.5	-3.7	73	1†	25	27	34	2.50	-1.12	0.80	0.0	10	17	4	9	n.	E. W. St. John
Monticello	Drew	....	1	.....	.....	.....	.....	.....	.....	.....	..	.....	..	..	..	..	..	..	.....	Soil Conservation Ser.
Montongo	Drew	....	1	.....	.....	.....	.....	.....	.....	.....	4.27	.....	2.60	0.0	5	21	6	3	sw	Soil Conservation Ser.
Morrilton	Conway	315	17	50.6	-0.3	81	2†	23	27	43	0.83	-2.45	0.40	0.0	6	16	6	8	w.	Mrs. Freda M. Ashcraft
Mountain Home	Baxter	800	24	46.3	-2.3	75	1†	18	27	42	1.67	-1.16	1.41	0.0	3	17	5	8	nw.	B. S. Halbert
Mount Ida	Montgomery	650	37	46.4	-4.2	76	2	18	27	46	2.90	-1.53	0.84	T.	7	15	3	12	w.	G. A. Whittington
Newport	Jackson	231	53	48.0	-3.0	81	2	20	27	42	3.49	-0.15	2.73	T	6	16	8	6	s.	J. D. Henderson
Norman	Montgomery	750	8	.....	.....	.....	.....	.....	.....	.....	2.59	.....	0.93	0.0	4	14	6	10	ne.	U. S. Forest Service
Okay	Howard	288	8	50.6[b]	.....	85	2	23[c]	27	48	2.15	.....	0.92	0.0	7	19	2	9	n.	Charles R. Jackson
Ozark	Franklin	396	41	47.6	-3.8	78	2	21	27	38	1.12	-1.67	0.67	0.0	2	14	5	11	nw	Orkney O. Milton
Paragould	Greene	275	13	.....	.....	.....	.....	.....	.....	.....	3.13	-0.32	2.30	0.0	4	18	5	7	ne.	W. R. Heagler
Parkin	Cross	222	6	.....	.....	.....	.....	.....	.....	.....	3.73	.....	2.80	T.	3	19	1	10	.....	Carroll King
Patterson	Woodruff	204	20	.....	.....	.....	.....	.....	.....	.....	4.18	-0.23	2.42	T	2	21	4	5	n.	W. E. Baker
Pine Bluff	Jefferson	215	49	51.8	-1.5	86	2	25	27	42	4.55	+0.55	2.01	0.0	7	14	9	7	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	12	.....	.....	.....	.....	.....	.....	.....	2.42	-1.83	0.98	0.0	6	21	0	9	sw.	J. R. Huddleston
Pocahontas	Randolph	300	43	46.6	-3.5	77	2	15	27	44	1.30	-2.21	1.25	0.0	2	19	3	8	n.	Benedictine Sisters
Portland	Ashley	122	30	51.0	-3.3	85	2	25	27	40	5.53	+1.60	3.05	0.0	5	15	6	9	nw.	W. E. Edmiston
Prescott	Nevada	318	48	51.2	-3.0	82	2	26	27	39	2.41	-1.22	0.90	0.0	8	14	3	13	w.	Craig Williams
Rock Springs	Drew	....	1	.....	.....	.....	.....	.....	.....	.....	4.69	.....	2.95	0.0	4	22	0	8	sw.	Soil Conservation Ser.
Rogers (near)	Benton	1300	46	46.0	-3.0	74	1	17	27	39	1.04	-1.88	0.96	0.0	3	21	6	3	nw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	.....	.....	.....	.....	.....	.....	.....	3.85	.....	2.70	0.0	4	21	2	7	n.	Miss Clarice Maddox
Russellville [Evap]	Pope	526	24	49.8	.....	80	2	21	27	41	2.61	.....	1.40	0.0	4	22	0	8	sw.	U. S. Forest Service
St. Charles	Arkansas	175	3	49.5	.....	81	2	22	27	44	5.59	.....	3.43	T.	6	17	7	6	ne.	U. S. Biological Survey
St. Francis	Clay	290	9	.....	.....	.....	.....	.....	.....	.....	3.65	.....	1.81	4.0	3	21	0	9	.....	A. Boyce Boyd, Jr.
Searcy	White	245	26	48.9	-2.1	84	2	20	27	42	4.55	+0.67	3.58	0.0	7	19	2	9	ne.	Walter Smith
Springbank ‡‡	Miller	240	27	.....	.....	.....	.....	.....	.....	.....	2.15	-1.66	0.70	0.0	6	13	4	13	.....	Henry Field
Story	Montgomery	650	12	.....	.....	.....	.....	.....	.....	.....	1.69	-2.27	0.92	0.0	4	17	6	7	n.	S. C. Story
Stuttgart	Arkansas	214	49	50.2	-2.2	83	2	22	27	39	4.29	+0.47	2.50	T.	5	20	2	8	n.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	1	47.9	.....	80	2	22	27	41	5.36	.....	3.12	T	9	..	..	..	.....	Rice Experiment Sta.
Subiaco	Logan	750	39	49.2	-3.6	79	1†	25	27	42	2.76	-0.33	1.33	0.0	5	17	6	7	ne.	New Subiaco Abbey
Texarkana	Miller	332	51	52.2	-3.0	82	2	27	4†	47	1.66	-1.76	0.58	0.0	5	19	1	10	n.	H. S. Brashear
Thornburg	Perry	650	16	46.7	-4.1	80	2	15	27	45	2.89	-0.71	1.28	T.	7	16	5	9	n.	Edward E. Holmes
Waldron	Scott	675	17	.....	.....	.....	.....	.....	.....	.....	..	.....	..	..	..	..	..	..	.....	Dr. Cheves Bevill
Whitecliffs	Little River	290	30	.....	.....	.....	.....	.....	.....	.....	2.31	-0.72	0.85	0.0	6	15	9	6	.....	L. M. Snead
Wilson	Mississippi	237	11	47.1	-3.4	78	2	18	27	31	4.48	+0.34	3.10	0.5	4	20	3	7	n.	D. O. Anderson
Wynne	Cross	250	28	.....	.....	85	2	18	27	..	3.40	-0.51	2.80	2.0	4	18	6	6	s.	B. M. Eddins
Yancopin	Desha	167	12	.....	.....	.....	.....	.....	.....	.....	3.68	-1.79	2.09	0.0	8	19	3	8	.....	W. E. Barton
State Means				48.5	-2.9	87	2†	12	27	52	3.00	-0.69	3.58	0.2	5	17	5	8	n.	

Daily Precipitation for November, 1936

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity |||	Ouachita	.10		.64	.34					.10	.13								.02					.20	.28					.05	.86		2.72
Arkadelphia |||	Ouachita		.07	1.12	.30				.05	.04	11													T.	.41					.10	.66		2.86
Arkansas City |||	Mississippi	.15		.65	2.10				T.		T.	T.							T						.52					T.	.50		3.92
Batesville |||	White		T.	1.22	.12														T.												.03		1.37
Bee Branch	Arkansas			.90															.02												60		1.52
Benton |||	Saline	06	.06	1.71	.34				02	T.	.13													.15	.31						54		3.32
Bentonville ***	Arkansas	T.	2.28	T				T.																			T.				.03		2.31
Big Lake Outlet |||	St. Francis			3.07	.75														T.								T.						3.82
Black Rock |||	White	T.		2.00	.11																												2.11
Blytheville |||	St Francis	.03		3.11	.78																						.02						3.94
Booneville	Arkansas	2.15	.15	T.					.02	.01									T												.77		3.10
Boughton |||	Ouachita		T.	1.14	.32				.01	T.	.08														.36					.20	.40		2.51
Brinkley	White			3.02	.57														.11					.29							.40		4.39
Calico Rock |||	White			2.45																													2.45
Camden |||	Ouachita			2.17	.81																				.45					.17	1.25		4.85
Carthage	Ouachita			.90	.30				T.	.15														.45						.12	.82		2.74
Clarendon |||	White	.03		2.17	.75				T.	T.	.11														.44						.15		3.65
Clinton	White	.21	.69	T.				T.	T.																						.59		1.49
Conway	Arkansas			2.97						.10									.04					.18							.82		4.11
Cornerstone	Arkansas	T.		3.57	.84				.04	.15									.01					.54						.08	.75		5.98
Corning |||	White			2.13	.36																						.29						2.78
Cotter |||	White			1.26																											T.		1.26
Crossett [near]	Ouachita			2.20	1.60														.05					.61	.61					.05	1.29		6.41
Danville |||	Arkansas	.03		.92	.02														.02					.20							.90		2.09
Dardanelle |||	Arkansas	.03	.02	1.04																				.02							.86		1.97
De Queen	Red	06	.54	.57	T.				.12	08														.33						.17	.56		2.43
Dumas	Mississippi			2.00	.32				.08	T														.48						T.	.89		3.77
Dutton	White	.29	1.67	.21																							T.				.62		2.79
El Dorado |||	Ouachita	.03		1.24	.99					.03															.78					.11	1.27		4.45
England	Arkansas			2.28	.52					.15														.49						T.	.83		4.27
Eureka Springs	White		1.25	T.																													1.25
Fayetteville	White	.06	1.41	.03					T.																		T.				.07		1.57
Fordyce	Ouachita			3.14	.41				.05	.01									.02					.51						.50	.64		5.28
Fort Smith ***	Arkansas	.04	.34	T.				T		T.																				.01	.70		1.09
Freeman Sprgs |||	Arkansas		.12	2.17																											.45		2.74
Fulton |||	Red		T.	.44	.44				T.	T.	T									T.				T.	.32					.13	.40		1.73
Georgetown |||	White		T.	3.05	.55														05					.16							.32		4.13
Gilbert |||	White		T.																												.10		0.10
Glenwood |||	Ouachita		.14	.70					10															.35						10	.90		2.29
Grannis	Red	.14	.22	1.36					.04	.10														.35					T.	.25	.88		3.34
Gravette |||	Arkansas	.11		1.57																													1.68
Harrison	White	.04	1.10																												.30		1.44
Heber Springs |||	White	.13	.06	1.33																											.83		2.35
Helena |||	Mississippi			1.20	2.45				.08		.20								.04					.64							.16		4.77
Higden	White	.18	90																												.67		1.75
Highland	Ouachita			1.50																				40						.25	.70		2.85
Hope [Evap]	Red	T	.20	1.00	.07					.06														T.	.34					.20	.28		2.15
Hot Springs	Ouachita			1.52	.01				.01	.10								T.	T.					.40						.05	.90		2.99
Index |||	Red			.45					.40																.30					.15	.15		1.45
Jessieville	Ouachita	.15	1.77	.33						.14									.06					.25						*	.86		3.56
Jonesboro |||	White		.05	2.76	.82														.02														3.65
Lead Hill	White	T.	1.05																								T.				.03		1.08
Little Rock ***	Arkansas	.05	1.45	.74					T.	.14								T.	T					.25						.01	1.03		3.67
Lutherville	Arkansas		2.10	.90																											.74		3.74
Madison |||	St. Francis		T.	2.82	1.05							T.							T.						.26						.07		4.20
Magnolia	Red			1.03	.30																			32						.23	.81		2.69
Malvern	Ouachita			*	1.55				.02	.12																				*	.98		2.67
Mammoth Spg |||	White			2.60																													2.60
Marianna	St. Francis	.10		2.72	.38					.15									.08					.30							.25		3.98
Marked Tree |||	St. Francis			2.92	.72														T.														3.64
Mena |||	Ouachita	.04	.12	.51	.55				T.	.02	.13													.28	.02					.03	.80		2.50
Montongo	Ouachita			*	2.60																			.52	T.					.20	.95		4.27
Morrilton |||	Arkansas			.40	.10						.05								.05					.13							.10		0.83
Mountain Home	White		1.41	.08																											.18		1.67
Mount Ida	Ouachita	.06	.66	.84						.14														.33						.12	.75		2.90
Nail	White																																
Newport |||	White		.10	2.73	.56														.07					.01							02		3.49
Norman	Ouachita		.50	.93																				.34							.82		2.59
Okay	Red		.04	.92	.02														.17					.35						.62	.03		2.15
Ozark |||	Arkansas		T.	.45																											.67		1.12
Paragould |||	St. Francis	.05		2.30	.72				.06																								3.13
Parkin |||	St. Francis			2.80	.58																			T.	.35						T.		3.73
Patterson	White			2.42	1.76																												4.18
Pine Bluff |||	Arkansas	T		2.01	.92				.04	.04	.14														.62						.78		4.55
Pine Ridge |||	Ouachita		T.	.88	.10					T.	.15													*	.31						.98		2.42
Pocahontas	White			1.25	.05				T.																								1.30
Portland |||	Ouachita			3.05	.55																				1.01					.05	.87		5.53
Prescott |||	Ouachita		.01	.90	.38					.11	.04														.35					.05	.57		2.41
Rock Springs	Ouachita			2.95																				.54						.20	1.00		4.69
Rogers (near)	White	.04	.96																												.04		1.04
Rosebud	Arkansas		.17	2.70	.28																										.70		3.85
Russellville [Evap]	Arkansas		18	1.40						.01																				T.	1.02		2.61
St. Charles |||	White	.12	T.	3.43	.48				T	.31									T.					.55							.70		5.59
St. Francis |||	St. Francis	T.	T.	1.81	1.64				T.																		.20						3.65
Searcy	White	02	.13	3.58	.42														.07					.23							.10		4.55
Springbank |||	Red	T.		.32	.70					T	T.									T.				.05	.36					.25	.47		2.15
Story |||	Ouachita			.38	.16																			.23							.92		1.69
Stuttgart |||	Arkansas			2.50	.91				.06		.19																				.63		4.29
Stuttgart Evap. |||	Arkansas	.05	.02	3.12	96				03	T.	.21								T.					.11	.46						.40		5.36
Subiaco	Arkansas	.01	.74	1.33						.01																					.67		2.76
Texarkana |||	Red		.08		.58					T.															.30					.15	.55		1.66
Thornburg	Arkansas	.05	.60	1.28				.06	T										T.					.20						.02	68		2.89
Whitecliffs	Ouachita			85	.31					.30														T	.30					.20	.35		2.31
Wilson |||	Mississippi		.05	3.10	1.03																			.30									4.48
Wynne |||	St. Francis			2.80	.20																			.20							20		3.40
Yancopin |||	Arkansas			.56	2.09			.08		.03	.02								.02						.46						.42		3.68

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. ldresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana; utherville, Route 1, Lamar; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. *24 hours ending midnight. ||| 24 hours ending 7 a.m. *Included in next measurement. Data initalics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitaon with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for e period to 1935, inclusive.

Daily temperatures for November, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville	Maximum	72	78	78	50	52	60	63	56	48	55	60	67	69	74	62	57	64	71	61	70	64	60	56	51	46	45	47	66	60	48		60.3
	Minimum	61	69	35	28	23	25	30	39	25	25	27	25	29	29	40	20	24	44	34	33	42	22	46	25	27	23	15	39	28	32		32.1
Bee Branch	Maximum	70	76	77	50	52	61	65	62	46	55	64	67	71	70	68	60	64	70	72	70	70	65	62	53	56	46	52	65	62	53		62.5
	Minimum	47	67	35	36	27	29	55	39	29	29	29	29	36	35	45	24	27	47	40	46	47	27	43	27	36	26	20	29	36	32		35.8
Bentonville ***	Maximum	75	71	35	46	56	59	61	40	50	54	60	65	66	66	55	58	64	68	56	68	53	62	46	46	40	44	49	63	55	43		55.8
	Minimum	63	35	25	22	27	30	32	27	28	28	30	33	36	40	35	29	41	42	38	38	37	29	35	29	31	28	22	39	33	34		33.2
Blytheville	Maximum	75	81	76	46	51	58	63	53	46	55	62	64	70	74	64	56	62	71	53	72	60	60	49	48	45	40	45	66	53	48		58.9
	Minimum	58	68	40	27	26	28	36	40	26	26	31	29	32	35	41	22	27	42	33	36	45	29	41	26	31	29	18	27	28	30		33.6
Booneville	Maximum	77	69	60	52	55	60	62	55	49	57	57	62	72	75	67	61	63	66	66	73	67	64	59	50	45	50	57	60	57	47		60.5
	Minimum	66	..	36	27	27	29	36	36	33	28	35	31	35	36	37	27	31	47	48	37	48	25	44	27	28	27	22	31	42	36		34.9
Brinkley	Maximum	79	82	77	56	53	62	70	58	44	55	62	65	71	73	61	52	67	74	63	72	65	62	57	51	51	50	49	63	57	54		61.8
	Minimum	59	70	38	29	30	29	37	43	33	34	38	51	32	34	40	24	26	48	38	35	49	27	40	32	31	27	18	28	34	35		36.3
Calico Rock	Maximum	74	83	74	50	53	60	64	57	50	55	61	67	68	73	73	61	68	71	72	73	74	65	63	53	54	51	49	70	67	57		63.7
	Minimum	64	70	35	28	28	29	34	36	29	29	31	30	32	32	38	23	28	40	37	34	42	25	40	29	30	30	19	33	30	34		34.0
Camden	Maximum	81	85	85	52	58	67	72	62	50	61	65	70	74	74	72	69	68	69	71	74	73	62	54	54	60	61	55	63	65	55		66.0
	Minimum	63	72	39	29	29	30	36	47	38	38	42	33	34	35	37	36	28	43	47	39	50	28	33	36	34	31	23	29	51	41		38.4
Carthage	Maximum	78	83	79	51	55	62	67	57	45	56	62	67	70	72	66	59	66	70	66	70	61	60	47	50	50	51	52	62	58	46		61.3
	Minimum	66	70	35	28	26	30	36	43	35	36	37	34	33	34	43	27	25	42	42	38	50	26	36	38	34	27	20	28	44	37		36.7
Conway	Maximum	75	81	79	54	56	63	65	57	47	58	65	69	74	75	68	60	70	75	64	76	60	67	52	54	51	53	55	69	58	51		63.4
	Minimum	61	71	35	26	26	28	34	43	53	30	32	29	34	36	38	25	27	49	40	38	46	27	42	28	31	32	20	30	37	35		35.4
Corning	Maximum	71	69	44	52	52	60	65	53	48	55	56	66	70	73	59	58	65	69	53	72	55	62	50	52	44	38	46	71	53	41		57.4
	Minimum	57	44	33	27	26	28	33	38	26	25	27	25	29	32	34	21	27	42	31	38	45	25	40	25	33	24	17	33	27	26		31.3
Crossett	Maximum	85	87	85	75	58	67	75	67	55	61	64	67	71	74	69	63	69	72	70	74	65	64	62	55	51	58	55	60	65	42		66.3
	Minimum	65	70	50	31	26	30	41	53	39	40	44	35	33	32	37	29	27	45	42	38	44	26	31	38	25	28	24	28	38	32		37.4
Dardanelle	Maximum	74	79	74	52	56	62	60	54	52	58	62	68	73	75	68	58	71	74	65	75	69	68	61	52	49	48	54	62	61	51		62.8
	Minimum	64	70	36	28	26	29	36	41	33	31	34	30	35	35	41	28	29	48	45	39	50	27	45	28	32	31	21	29	40	35		36.5
De Queen	Maximum	76	77	72	55	60	63	71	63	46	61	64	71	74	73	69	61	65	63	70	73	68	64	55	54	50	55	56	63	55	50		63.
	Minimum	65	70	33	28	28	30	37	40	39	37	38	33	36	37	39	30	30	43	45	39	45	25	36	30	29	29	25	28	..	40		36.
Dumas	Maximum	86	87	78	44	55	65	73	69	48	45	56	68	72	77	70	50	72	65	67	76	61	64	51	47	52	54	51	64	56	56		62.
	Minimum	67	70	38	31	28	30	43	41	36	37	41	34	34	36	41	28	28	42	43	41	45	28	39	35	33	29	23	33	47	40		38.
Dutton	Maximum	71	69	66	45	54	63	66	54	54	59	63	67	65	71	62	56	59	68	65	68	64	57	51	47	39	43	47	62	57	47		58.
	Minimum	59	65	28	23	21	24	28	29	24	22	25	25	28	26	35	19	28	39	35	35	43	18	36	37	25	21	13	27	28	34		30.
El Dorado	Maximum	84	86	80	52	59	67	76	58	53	63	66	70	74	75	70	64	70	74	69	75	66	65	50	55	54	58	56	62	58	53		65.
	Minimum	61	72	40	30	29	30	40	47	39	39	43	36	38	41	43	29	32	47	48	45	52	34	40	36	34	31	26	36	51	43		40.
England	Maximum	78	84	79	52	58	60	71	58	46	61	63	69	73	72	65	63	69	75	64	75	63	64	55	53	50	51	52	65	56	49		63.
	Minimum	61	70	31	30	27	30	36	44	36	36	38	34	35	40	44	27	30	48	40	40	49	30	41	33	33	32	23	32	47	37		37.
Eureka Springs	Maximum	74	72	65	58	58	60	64	52	53	57	63	70	68	69	59	61	67	71	61	70	63	63	55	48	44	43	49	64	56	48		60.
	Minimum	53	47	26	21	26	29	32	26	26	30	31	36	39	46	40	29	43	52	37	38	39	24	37	29	30	31	21	39	34	31		34.
Fayetteville	Maximum	75	71	65	45	58	60	61	53	51	57	61	66	67	66	60	57	61	68	62	68	65	60	55	47	42	43	49	61	57	47		58.
	Minimum	61	58	27	23	26	28	32	27	29	27	29	32	34	37	39	26	41	47	40	37	41	25	36	26	31	30	20	39	35	35		34.
Fordyce	Maximum	79	83	80	50	54	62	62	58	45	56	62	65	67	72	67	59	66	67	65	72	65	61	59	52	51	54	52	62	58	48		61.
	Minimum	66	70	37	29	29	31	39	45	37	39	40	37	38	40	45	31	31	46	46	44	45	31	41	35	36	29	26	35	47	39		39.
Fort Smith***	Maximum	79	76	41	49	54	58	62	44	50	54	61	66	68	70	61	60	61	70	60	71	58	64	55	46	44	50	54	63	55	46		58.
	Minimum	63	41	30	28	31	37	42	33	35	34	38	37	41	39	44	34	37	47	42	39	40	30	37	30	33	35	30	34	44	37		37.
Gilbert	Maximum	73	78	76	50	51	61	61	66	50	57	66	62	69	70	76	63	63	67	73	64	76	55	66	56	52	49	40	54	66	62		62.
	Minimum	65	68	31	21	21	24	26	26	23	21	25	21	25	25	30	17	20	22	33	27	30	17	18	25	27	28	12	27	23	30		26.
Gravette.§§	Maximum	76	71	33	48	57	60	58	41	53	57	52	57	67	64	55	60	67	67	55	69	49	61	44	48	44	40	51	64	57	40		55.
	Minimum	56	66	24	20	20	26	29	24	24	25	25	30	31	34	37	25	30	40	35	32	37	21	23	28	28	28	24	27	..	..		30.
Harrison	Maximum	77	75	64	53	50	56	58	50	55	50	57	63	64	68	58	58	62	67	61	70	62	65	66	60	45	46	47	66	58	48		59.
	Minimum	63	61	29	22	23	26	30	30	26	26	20	29	29	33	41	23	33	33	37	37	37	26	26	29	30	30	20	35	32	32		31.
Helena	Maximum	79	81	77	46	52	62	70	59	45	55	65	65	70	72	62	58	67	70	65	72	62	62	51	49	49	48	52	63	57	52		61.
	Minimum	61	69	38	31	28	33	42	44	33	35	40	37	35	41	37	27	35	47	40	44	48	28	39	34	31	29	20	31	40	37		37.
Highland	Maximum	75	78	75	54	68	66	70	63	47	53	64	70	68	72	69	65	67	64	69	70	66	61	58	52	54	56	53	62	56	49		63.
	Minimum	64	69	33	26	31	34	41	39	36	33	..	..	..	..	..	35	33	45	49	44	51	38	41	32	34	32	28	36	45	37		39.
Hope §§	Maximum	78	81	76	52	56	63	72	53	44	60	63	69	73	72	68	62	66	62	72	71	64	61	48	52	51	54	55	59	54	40		61.
	Minimum	68	70	36	28	28	28	33	40	37	39	36	32	33	37	40	32	29	32	44	46	47	30	42	34	32	32	27	32	38	40		37.
Jonesboro	Maximum	74	81	76	48	50	..	58	55	44	..	..	..	65	73	64	57	64	69	58	..	61	61	51	..	..	43	46	67	57	45		59.
	Minimum	60	68	38	28	29	30	36	42	28	28	33	32	32	38	42	26	36	48	36	38	49	32	46	31	36	31	22	33	35	33		36.
Lead Hill	Maximum	78	75	65	42	56	60	62	55	56	60	62	65	65	70	57	61	73	71	59	73	62	71	60	53	44	46	49	66	56	51		60.
	Minimum	62	59	30	22	22	24	28	26	24	22	24	25	30	28	33	19	25	33	35	29	43	20	32	32	29	30	15	24	23	29		29.
Little Rock.* **	Maximum	77	82	67	47	52	60	64	51	43	54	60	67	69	74	61	55	65	70	62	71	58	59	49	51	46	47	49	61	53	47		59.
	Minimum	67	67	35	31	33	36	40	40	37	40	39	39	42	41	47	37	34	50	42	45	43	32	42	35	33	34	27	36	44	35		40.
Lutherville	Maximum	75	75	68	50	57	62	67	55	47	58	63	66	69	67	63	59	64	73	65	67	64	62	52	46	44	45	49	63	57	50		60.
	Minimum	60	64	33	26	27	31	38	38	32	31	34	34	40	42	45	28	33	48	44	39	49	29	42	28	33	31	23	32	41	34		37.
Magnolia	Maximum	80	87	87	63	59	66	71	69	54	61	64	68	73	73	79	73	70	69	69	73	70	..	..	58	52	57	55	60	60	54		67.
	Minimum	67	72	35	29	29	33	40	52	39	40	41	34	36	37	38	31	32	32	47	43	39	..	..	28	30	29	24	36	51	40		38.
Malvern	Maximum	76	83	79	53	56	63	70	55	45	57	63	70	72	76	61	66	66	71	67	72	63	62	50	53	50	52	53	60	56	45		62
	Minimum	65	70	36	30	26	30	35	44	37	38	32	31	34	35	29	37	27	42	45	39	47	25	41	32	32	32	21	29	43	37		36
Mammoth Spring.	Maximum	73	79	72	48	53	58	64	57	52	55	58	62	66	72	64	58	60	68	64	72	64	60	58	52	47	43	46	68	64	56		60
	Minimum	59	64	36	28	25	31	33	34	28	26	27	29	31	28	41	23	27	36	34	29	39	23	29	32	30	30	17	27	26	26		31
Marked Tree§§	Maximum	77	80	46	47	53	60	62	51	45	56	63	66	69	74	59	59	66	70	58	71	57	61	48	49	46	43	46	66	56	46		58
	Minimum	52	65	45	28	27	30	36	42	29	31	35	31	33	36	44	25	27	37	35	36	41	32	33	30	33	30	23	27	30	34		34
Mena	Maximum	73	72	60	49	56	63	64	56	47	58	61	68	71	73	65	60	64	71	70	70	60	61	50	53	44	47	55	55	51	45		59
	Minimum	65	60	30	26	27	29	39	36	34	35	35	35	43	40	42	31	37	43	46	42	45	29	41	26	29	30	25	37	45	36		37
Morrilton	Maximum	74	81	81	72	55	60	61	59	52	56	60	65	69	71	67	59	67	71	68	74	68	64	58	60	50	47	52	66	59	50		63
	Minimum	63	69	38	30	28	30	36	44	34	34	35	32	36	38	46	31	28	48	42	42	50	31	31	44	35	38	23	34	40	34		38
Mountain Home	Maximum	75	75	64	50	53	56	65	52	51	58	62	69	70	74	58	61	68	71	60	75	70	67	54	52	43	44	50	71	55	43		60
	Minimum	61	61	30	24	24	27	31	33	26	26	28	28	33	34	41	22	29	38	34	33	36	24	38	31	32	28	18	30	31	31		32
Mt. Ida	Maximum	75	76	74	55	58	60	64	56	45	59	60	66	70	75	65	58	59	70	63	71	58	57	52	47	45	43	57	63	58	45		60
	Minimum	61	70	32	25	22	23	30	39	34	31	27	25	28	29	36	21	23	44	41	34	44	21	45	25	25	23	18	27	44	36		
Newport	Maximum	77	81	78	50	52	58	61	57	57	54	60	65	69	68	65	56	65	70	62	69	65	61	51	49	46	46	47	66	63	48		
	Minimum	64	68	36	30	27	30	36	36	29	31	34	29	32	34	38	24	29	45	37	37	47	28	47	28	36	32	20	34	36	33		
Okay	Maximum	80	85	81	55	58	64	70	68	65	64	64	70	73	73	72	69	69	65	71	73	70	72	63	54	55	50	56	60	58	57		
	Minimum	68	71	33	26	26	30	36	37	38	36	36	30	32	33	32	28	..	41	44	39	42	24	36	30	26	25	23	26	..	..		
Ozark	Maximum	76	78	68	50	52	68	62	49	48	56	60	68	70	70	64	57	62	70	63	70	64	60	52	47	45	46	52	52	55	57		
	Minimum	59	66	35	25	27	30	36	37	34	36	33	30	35	34	37	38	28	42	45	36	45	35	40	25	31	28	21	26	37	37		
Pine Bluff	Maximum	80	86	79	51	56	63	68	57	46	58	63	67	72	76	65	61	70	73	65	75	63	63	51	53	52	53	53	62	57	49		
	Minimum	65	72	37	31	31	34	41	44	37	41	42	37	37	40	47	34	33	49	44	43	50	34	44	36	35	34	25	37	45	38		
Pocahontas	Maximum	70	77	76	50	53	61	65	58	48	56	66	66	69	74	67	55	64	71	61	72	64	60	55	50	41	43	47	72	61	51		
	Minimum	57	66	37	26	25	27	36	39	25	28	30	26	30	30	42	20	25	40	33	31	46	27	37	25	30	28	15	30	32	30		
Portland	Maximum	84	85	80	47	54	63	71	67	54	58	62	64	67	71	65	59	67	69	65	72	65	62	53	52	53	56	50	63	57	56		
	Minimum	63	69	41	31	29	31	44	51	38	39	44	39	35	35	45	30	27	44	44	38	48	29	34	38	31	28	25	29	48	42		
Prescott	Maximum	78	82	79	53	57	65	72	65	44	58	63	69	73	73	68	62	68	66	70	73	70	63	56	57	52	55	56	63	59	46		
	Minimum	67	71	41	27	28	32	40	41	36	40	36	34	36	40	43	32	29	45	47	43	49	28	40	33	31	29	26	32	46	38		
St. Charles	Maximum	76	81	79	47	53	62	67	69	40	55	62	64	69	72	71	57	66	71	73	71	68	69	62	56	55	54	49	62	57	57		
	Minimum	64	70	38	32	29	32	41	36	37	40	41	34	33	36	44	28	27	33	29	28	40	33	33	35	34	32	22	33	24	38		
Searcy	Maximum	74	84	77	51	55	65	62	56	45	57	65	69	73	72	62	60	66	73	62	73	67	63	52	52	49	49	52	67	56	52		
	Minimum	60	68	35	30	27	30	37	42	32	33	35	31	33	35	41	26	27	48	40	37	45	27	42	30	35	29	20	31	34	35		
Stuttgart	Maximum	80	83	76	48	65	61	68	68	48	55	61	66	72	74	64	59	68	71	64	74	62	63	52	52	51	52	49	65	54	51		
	Minimum	60	68	39	30	28	32	38	44	31	37	41	35	35	37	42	29	29	47	41	41	50	30	40	33	32	32	22	32	46	37		
Subiaco	Maximum	79	79	74	48	52	58	60	58	47	55	58	65	68	70	67	57	60	70	66	72	63	65	62	46	46	47	53	64	59	49		
	Minimum	64	66	32	27	27	31	38	37	35	30	35	33	39	43	46	29	30	47	46	42	50	33	46	30	35	33	25	30	45	35		
Texarkana	Maximum	79	82	80	53	60	66	72	61	47	64	67	71	76	75	72	68	69	62	74	75	66	65	52	56	55	58	59	67	58	55		
	Minimum	68	70	33	27	29	33	41	40	36	38	38	35	39	39	41	35	35	41	41	43	50	28	42	32	32	32	27	37	50	39		
Thornburg	Maximum	73	80	72	50	56	60	63	55	45	58	63	69	70	74	63	62	68	73	66	74	65	65	55	50	50	48	56	57	57	45		
	Minimum	64	62	32	26	21	22	28	29	30	28	26	26	29	31	35	19	23	48	45	33	47	20	44	25	18	31	15	27	42	33		
Wilson	Maximum	73	78	77	42	48	54	56	52	58	52	60	61	64	70	63	66	61	67	62	69	62	60	58	46	44	42	41	63	50	59		
	Minimum	62	50	50	29	27	28	28	40	27	30	33	30	40	45	45	24	32	48	35	38	45	36	29	29	33	32	18	32	39	34		

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding

Weather Bureau Office, Little Rock, Ark. 12-28-36-

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

OL. XLI Little Rock, Ark., December, 1936 No. 12

Price: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

Temperatures were generally somewhat below normal the
rst half of December while they were nearly continuously a-
ove the latter half, with departures as high as 22° above nor-
al in the western portion on the 27th. The average temper-
ure for the State, based on the reports of 58 stations, was
.5° which is 2.8° above the 46-year mean, all stations ex-
pt one having positive departures. The highest temperature
ported was 78° at Magnolia on the 30th; the lowest, 13° at
ilbert on the 12th. The greatest daily range was 52° at Gil-
rt on the 15th.

Precipitation occurred during the first seven days of the
onth and from the 27th to the 31st but except for light a-
ounts on the 10th, 18th, and 19th very little fell on other
tes. Light snow occurred at a number of stations either the
th or 19th but only 7 stations had measurable amounts. The
eatest depth reported was 1.5 inches at Big Lake Outlet on
e 19th. The average precipitation for the State for the 95
ations reporting was 5.32 inches which is 1.04 inches above
e 46-year mean. Monthly totals ranged from 2.14 inches at
ad Hill to 9.31 inches at Yancopin. The greatest amount
easured in any 24-hour period was 5.70 inches at Springbank
the 6th. The average number of days with 0.01 inch or
ore was 9.

The weather was unfavorable for outdoor activities the first
ven days of the month and during the latter part, very favor-
le the remainder of the time. Wheat, oats, rye, winter grass-
, and winter truck made good growth because of the unusual-
mild weather, particularly during the latter half of the
onth. Stock were still on the range even at the close of the
onth and were in good condition. Not much plowing was
ne even in upland sections, the soil being too wet most of
e time. The heavy rains of the 5th and 6th caused rapid
es in the Petit Jean, Ouachita, and Little Red rivers but
od stage was reached only on the Petit Jean. T. A. M.

Damaged by Lightning:—Mountain View, 30th, $500 dam-
e to court house wiring and ceilings.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	2	11	7	2	1	1	.	.	.	8	.	.	.	.	.	.	.	.	.	.	.	.	1	4	.	.	3	19	14	2	..
Light Hail	.	..		.	1	.	.	.	.		.	..	.	.	.	.	.	.	.	.	.			.	.	.	.	.	.	.	.
Moderate Hail	..	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	..
Thunderstorms	.	..	.		10	4	..	.	..	.	.	..	.	.	.	.	.	.	..	..	.	.	.	.	..	1	1	.	.	12	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-leval)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	.....	.....	..	.....	..	6.9	24	w	30	..	..	..	51
Fort Smith	30.13	30.41	13	29.51	30	8.2	27	w	30	80	64	65	44
Little Rock	30.17	30.46	23	29.62	30	7.1	22	s	30	83	64	63	42
Memphis	30.17	30.51	23	29.63	30	7.0	24	n	6	78	66	68	39

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.9	72	13	4.69	......	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1.3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0.7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3.2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.3	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43.2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41.4	86	− 8	3.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.15	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0.9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41.5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.22	T	9	11	6	14
Period	42.7	88	−21	4.28	1.2	7	12	6	13

Daily River Stages for December, 1936

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
rt Smith or	..Arkansas	22						5.2	5.8	6.5	6.5	5.7																	5.3	8.4	10.1	10.2	9.8
n Buren ...			4.4	4.4	4.6	4.8	5.0	5.0	6.0	6.8	6.8	5.8	5.0	5.0	5.0	5.0	4.9	4.8	4.8	4.8	4.8	4.6	4.4	4.4	4.3	4.3	4.3	4.3	5.8	9.1	10.6	10.7	10.5
ark	......do .. .	22	0.8	0.8	0.8	0.8	0.7	1.6	2.3	2.5	2.0	1.8	2.0	1.9	1.5	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	1.6	4.4	5.2	7.0	7.4
rdanelle	......do	22	3.7	3.6	3.7	3.6	3.5	7.6	7.5	7.0	6.8	6.7	6.2	5.5	5.1	5.0	4.8	4.6	4.4	4.3	4.2	4.0	4.0	3.8	3.7	3.7	3.6	3.5	4.2	7.0	8.9	10.0	11.0
rrilton	......do	20	-1.8	-1.4	-1.4	-1.4	-1.9	1.0	4.2	3.2	3.4	3.4	3.2	2.6	1.1	1.5	1.0	0.4	0.0	-0.4	-0.5	-0.8	-0.9	-1.0	-1.2	-1.4	-1.5	-1.6	-1.4	0.2	4.2	6.0	7.4
ttle Rock.	.... .do	23	0.2	0.1	0.2	0.2	0.2	1.0	3.6	6.4	6.2	5.8	5.2	4.7	4.0	3.3	2.8	2.4	2.0	1.6	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.4	0.4	0.3	1.8	5.4	7.2
ne Bluff	.... .do	5	3.0	2.9	2.9	2.9	2.9	3.2	4.1	7.9	9.9	9.9	9.3	8.7	8.0	7.2	6.4	5.8	5.4	4.9	4.5	4.2	4.0	3.8	3.6	3.4	3.2	3.1	3.1	3.0	3.0	4.9	8.9
nville	.Petit Jean.	20	3.2	3.5	5.6	6.6	7.1	19.1	22.0	22.5	22.1	19.0	15.2	10.8	8.0	6.7	6.1	5.6	5.3	5.0	4.8	4.6	4.3	4.1	4.0	3.8	3.7	3.6	5.0	17.3	20.1	18.6	17.7
rkBeachMo	...White...	30	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	3.0	-0.7	2.2	3.4	2.0	-0.4	1.0	2.2	1.0	-0.7	0.2	-0.2	-0.8	-0.8	-0.8	-0.7	-0.7	-0.8	-0.4	-0.7	1.0	2.0	2.0	4.4	4.9
tter	. . do	21	3.8	3.8	3.8	3.8	3.8	4.0	4.2	4.2	4.2	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.7	3.6	3.6	3.8	3.8	3.8	4.0	4.4
ico Rock	.....do	18	1.0	0.7	0.5	0.9	0.6	2.4	3.8	3.4	3.6	2.8	2.9	2.8	2.7	2.0	2.2	2.2	1.9	1.9	1.7	1.6	1.6	1.3	0.8	1.1	1.3	1.2	1.1	1.7	3.6	3.7	5.8
tesville	.....do	23	5.2	5.4	5.2	5.0	5.2	7.9	9.1	9.4	9.2	8.9	8.0	8.0	8.1	7.7	7.0	6.9	7.2	6.7	6.9	6.6	6.2	6.1	5.9	5.4	5.4	5.8	5.8	6.5	6.7	8.6	12.4
wport	.....do	26	1.5	1.4	1.5	1.3	1.2	1.8	6.0	7.1	7.3	6.9	6.2	5.5	5.1	5.0	4.5	4.0	3.8	3.8	3.4	3.0	2.8	2.6	2.3	2.0	1.7	1.6	1.6	1.9	2.8	3.8	8.3
rgetown	.....do	21	3.5	3.4	2.9	2.8	2.6	3.0	6.5	12.9	13.9	13.2	12.3	11.2	10.2	9.5	8.7	7.9	7.5	6.8	6.4	6.0	5.5	5.2	4.9	4.5	4.2	3.8	3.4	3.2	2.8	3.4	6.8
rendon	.....do	26	11.6	11.3	11.0	10.7	10.4	10.5	12.1	14.0	16.8	18.5	19.3	19.6	19.7	19.5	19.1	18.6	17.9	17.2	16.5	15.9	15.3	14.8	14.3	13.8	13.4	12.9	12.5	12.1	11.8	11.6	12.3
bert	Buffalo	30	3.2	3.2	3.2	3.1	3.1	6.1	6.3	5.5	5.1	4.8	4.5	4.4	4.4	4.4	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.4	4.3	6.5	5.6	5.6	6.9
ck Rock	...Black....	14	2.1	2.1	2.1	2.0	2.0	4.0	5.0	4.5	4.3	4.2	4.1	3.9	3.7	3.5	3.3	3.2	3.1	2.9	2.8	2.7	2.5	2.3	2.3	2.2	2.2	2.1	2.1	3.0	3.0	3.2	12.2
kadelphia	.Ouachita..	17	5.4	6.2	6.6	7.0	6.0	9.1	12.6	12.0	12.9	11.6	11.3	9.9	8.1	7.5	6.9	7.2	7.2	7.4	7.6	7.1	5.2	7.4	7.4	7.2	5.0	4.4	4.3	4.2	4.3	6.6	9.2
mden	.Ouachita..	26	4.5	4.1	4.9	5.7	6.0	7.3	9.2	13.8	19.3	20.5	21.0	20.4	19.1	15.7	12.3	10.2	8.9	7.9	7.0	7.0	7.0	6.4	6.2	6.2	6.2	6.1	5.7	5.2	5.1	6.1	7.9
lton	....Red.....	25	6.0	6.0	6.2	6.4	6.8	8.0	9.9	12.3	14.0	14.8	14.6	14.3	13.1	12.2	10.7	9.3	8.5	8.0	7.7	7.4	7.2	7.0	6.8	6.7	6.6	6.5	6.5	7.0	8.3	14.1	16.1
lena	Mississippi.	42	6.2	5.7	5.7	5.7	5.3	4.9	4.8	5.2	5.4	6.0	6.9	8.4	11.0	12.7	14.0	15.0	15.6	16.0	16.2	15.8	15.3	14.5	13.4	12.4	11.6	10.6	9.5	9.2	10.2	11.1	11.8
kansas City	.....do	48	3.2	2.6	2.2	1.8	1.6	1.4	1.5	1.4	1.8	2.9	3.9	4.6	5.5	6.9	8.4	9.6	10.6	11.3	11.5	11.6	11.4	11.0	10.4	9.7	8.8	7.9	7.0	6.2	5.4	5.5	6.2

Climatological Data for December, 1936

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	41	...	...	...	...	...	...	...	5.41	+1.24	2.62	0.0	10	8°	9°	9°	...	J. W. Campbell
Arkadelphia	Clark	200	41	...	...	...	...	...	...	...	4.94	+0.06	2.06	0.0	11	11	5	15	ne.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	52	...	...	...	...	...	...	...	6.08	+0.10	1.92	0.0	9	11	3	17	...	Herbert Neff
Batesville	Independence	277	37	42.1	+2.1	67	24†	15	12	41	5.88	+1.96	2.40	0.5	13	16	7	8	se.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	44	43.9	+1.9	65	28	19	7	34	5.80	+1.63	2.00	T.	7	7	11	13	s.	J. E. Scanlan
Benton	Saline	285	1	...	...	...	...	...	...	...	5.11	...	2.09	0.0	11	11	5	15	...	S. A. Burks
Bentonville	Benton	1295	31	43.7	+5.7	64	27	17	7	30	3.25	+0.88	1.76	T.	10	9	7	15	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	6	...	...	...	...	...	...	...	4.77	...	1.81	1.5	9	11	2	18	...	C. J. Brooks
Black Rock	Lawrence	259	35	...	...	...	...	...	...	...	4.64	+0.54	1.96	T.	8	13	5	13	n.	Vernon C. Howe
Blytheville	Mississippi	252	11	42.6	0.0	66	24†	19	7†	34	4.45	+0.11	2.25	0.0	11	16	4	11	s.	Samuel Norris
Booneville	Logan	465	22	45.6	+1.8	68	27	21	7	36	4.35	+1.31	1.83	0.0	8	9	12	10	e.	F. H. Randolph
Boughton ‡‡	Nevada	235	1	...	...	...	...	...	...	...	4.87	...	2.35	0.0	9	10	4	17	...	Harry Buie
Brinkley	Monroe	205	49	46.0	+2.2	70	24	20	13	39	5.60	+0.49	3.35	0.0	10	14	4	13	ne.	R. J. Torry
Calico Rock	Izard	361	32	45.2	+5.9	70	30	19	7	38	5.00	+1.42	1.92	T.	10	11	10	10	se.	William Jones
Camden	Ouachita	116	51	...	...	73	26	..	..	...	8.50	+3.33	4.50	0.0	11	5	6	20	se.	J. M. Knight
Carthage	Dallas	297	31	46.5	+3.2	71	24	22	12	36	5.35	+0.23	2.06	0.0	8	8	12	11	n.	P. K. Wylie
Center Point	Howard	591	37	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	John C. Floyd
Clarendon	Monroe	172	32	...	...	...	...	...	...	...	5.63	+0.58	2.03	0.[illegible]	14	7	7	17	n	R. M. Wheatley
Clinton	Van Buren	516	15	...	...	...	...	...	...	...	6.40	+2.41	2.82	0.0	7	15	6	10	n.	A. L. Stephens
Conway	Faulkner	309	53	45.7	+2.9	72	24	19	12	39	5.56	+1.32	1.63	0.3	8	14	7	10	e	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	25	46.6	+2.3	68	24†	24	12†	34	6.03	+0.43	3.23	0.0	10	14	5	12	n.	P. B. Hutchens
Corning	Clay	293	43	41.6	+1.7	67	24†	17	7	37	4.56	+0.69	1.86	T.	8	15	3	13	w.	Winfred D. Polk
Cotter	Baxter	440	9	...	...	...	...	...	...	...	3.07	...	1.06	0.0	5	13	3	15	...	O. B. McSpadden
Crosset (near)	Ashley	175	24	49.2	+2.6	73	17	20	12	41	5.60	−0.46	2.26	0.0	7	9	4	18	n.	U. S. Forest Service
Danville	Yell	327	20	...	...	...	...	...	...	...	5.70	+2.21	2.71	0.0	9	9	8	14	...	J. M. Patterson
Dardanelle	Yell	330	50	45.8	+3.4	68	24†	21	12	36	6.06	+2.49	2.58	0.0	9	8	14	9	se.	Geo. N. Goodier
De Queen	Sevier	426	1	43.0	...	59	27	22	12	36	4.46		1.19	0.0	10	12	8	11	ne.	E. B. Smith
Dumas	Desha	162	31	47.8	+1.2	75	27	23	13	40	8.59	+2.30	4.58	0.0	11	9	9	13	n.	Ben Johnson
Dutton	Madison	1590	34	41.2	+3.8	62	27†	15	7	37	4.22	+0.57	1.98	T	7	10	11	10	s.	J. M. Ricketts
El Dorado	Union	270	36	49.8	+3.0	72	26	23	12	35	7.22	+1.01	2.38	0.0	12	6	7	18	s.	E. W. Gaston
England	Lonoke	229	30	47.4	+3.4	70	24	23	12	39	5.91	+0.97	2.28	0.0	12	13	6	12	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	36	44.8	+4.5	66	16†	15	7	33	3.14	+0.34	1.12	T.	11	17	6	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	49	44.3	+4.3	65	27	19	7	31	2.82	+0.12	1.08	T.	13	9	10	12	sw.	University of Arkansas
Fordyce	Dallas	190	8	47.4	...	70	24	24	12	33	7.21	...	4.40	0.0	11	14	0	17	n.	M. G. Taylor
Fort Smith	Sebastian	448	55	45.8	+3.7	70	27	24	7	28	3.10	+0.34	1.70	0.0	9	10	7	14	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	12	...	...	...	...	...	...	...	6.08	+1.83	2.25	0.0	8	9	8	14	s.	R. J. McCuiston
Fulton	Hempstead	260	51	...	...	...	...	...	...	...	4.49	+0.27	1.75	0.0	11	10	3	18	...	T. J. Logan
Georgetown	White	200	24	...	...	...	...	...	...	...	5.81	+1.36	3.04	0.0	9	10	8	13	...	Mrs. W. R. Owens
Gilbert	Searcy	600	10	42.2	...	70	25†	13	12	52	4.35	...	1.31	0.0	8	13	4	14	...	F. J. King
Glenwood	Pike	547	1	...	...	...	...	...	...	...	5.77	...	1.50	0.0	8	17	6	8	...	C. A. Price
Grannis	Polk	900	17	45.6	+1.0	67	24†	20	7†	39	6.40	+1.52	2.12	0.0	15	11	6	14	se.	W. E. McVay
Gravette	Benton	1250	39	...	...	64[a]	21†	..	..	...	2.73	+0.32	0.75	0.0	6	13	13	5	s.	Max W. Schmidt
Harrison	Boone	1052	36	43.0	+5.0	64	24†	17	7	36	3.12	+0.26	0.90	T	8	19	2	10	se.	Louis R. Keck
Heber Springs	Cleburne	...	1	...	...	...	...	...	...	...	5.03	...	...	T.	7	11	3	17	...	R. L. Black
Helena	Phillips	300	64	47.2	+2.6	69	24	23	12	36	6.90	+1.47	1.85	T.	11	9	8	14	ne.	James A. Burnett
Higden	Cleburne	445	17	...	...	...	...	...	...	...	6.52	+2.63	2.08	0.0	8	14	4	13	n.	Trumon Brown
Highland	Pike	491	17	48.2	...	68	24	24	7	30	4.80	...	1.60	0.0	6	7	11	13	se.	J. O. Cooley
Hope [Evap.]	Hempstead	375	66	47.4	+0.4	71	24	22	12	38	4.70	−0.07	2.20	0.0	12	8	9	14	ne.	Experiment Farm
Hot Springs	Garland	600	45	47.4	+3.3	69	24	23	12	33	4.54	−0.13	1.20	0.0	8	7	12	12	s.	National Park Service
Index ‡‡	Little River	275	19	...	...	...	...	...	...	...	3.30	−0.41	2.00	0.0	3	11	2	18	...	W. E. McDowell
Jessieville	Garland	750	10	...	...	...	...	...	...	...	5.38	...	2.90	0.0	6	7	13	11	e.	U. S. Forest Service
Jonesboro	Craighead	345	41	43.8	+2.4	68	24†	20	7	34	4.19	−0.44	2.05	1.0	11	11	4	16	ne.	Benedictine Sisters
Lead Hill	Boone	650	30	41.8	+2.0	68	27	15	7	38	2.14	−0.55	0.56	T.	8	14	7	10	se.	J. H. Crosswhire
LITTLE ROCK	Pulaski	324	57	46.1	+1.9	68	24	24	7	25	4.90	+0.76	2.74	T	11	8	6	17	e.	U. S. Weather Bureau
Lutherville ‡‡	Johnson	775	37	45.9	+3.6	65	25†	20	7	31	6.48	+2.54	2.41	0.0	7	12	4	15	se.	H. G. Lenhardt
Madison	St. Francis	209	6	...	...	...	...	...	...	...	5.69	...	2.25	T.	12	8	1	22	...	J. W. Eppes
Magnolia	Columbia	315	20	51.0	+3.0	78	30	24	12	35	6.30	+1.01	3.00	0.0	8	6	15	10	se.	State Agri. School
Malvern	...	277	50	...	...	...	...	...	...	...	...	...		...	..	..	..	..	...	
Mammoth Spring	Fulton	600	32	43.2	+3.8	69	24	17	7	35	5.28	+1.90	2.39	T.	10	11	7	13	se.	S. F. Whittaker
Marianna	Lee	235	25	...	...	70[r]	27†	22	13	...	5.53	+0.74	2.35	0.0	11	10	10	11	s.	C. N. Houck
Marked Tree	Poinsett	229	32	43.2	+2.0	68	30	21	7	34	5.69	+1.05	2.47	0.1	9	7	9	15	s	Charles Walton
Mena	Polk	1207	48	46.0	+3.4	68	24	21	7	33	5.08	+1.11	2.52	0.0	10	11	6	14	nw.	E. W. St. John
Monticello	Drew	...	1	...	...	...	...	...	...	...	7.07	...	3.70	0.0	7		..	..	...	Soil Conservation Ser.
Montongo	Drew	...	1	...	...	...	...	...	...	...	7.89	...	4.53	0.0	7	11	7	13	s	Soil Conservation Ser.
Morrilton	Conway	315	17	45.6	+1.9	67	24	22	7†	34	4.59	+0.71	2.02	0.0	8	10	12	9	e.	Mrs Freda M. Ashcraft
Mountain Home	Baxter	800	24	42.8	+2.4	67	24†	16	7	36	4.96	+1.60	2.00	T	6	12	5	14	s.	B. S. Halbert
Mount Ida	Montgomery	650	37	44.3	+1.5	69	24†	15	12	41	4.98	+0.88	1.55	0.0	7	9	10	12	e.	G. A. Whittington
Newport	Jackson	231	53	44.0	+1.8	67	24†	20	12	39	4.62	+0.41	2.18	0.5	13	10	7	14	s.	J. D. Henderson
Norman	Montgomery	750	8	...	...	...	...	...	...	...	4.96	...	2.14	0.0	6	7	3	21	s.	U. S. Forest Service
Okay	Howard	288	8	48.7	...	72	24	21	14	42	4.52	...	1.32	0.0	10	11	11	9	s.	Charles R. Jackson
Ozark	Franklin	396	41	44.6	+3.4	68	24	20	7†	33	8.73	+0.72	1.60	0.0	9	8	6	17	se.	Orkney O. Milton
Paragould	Greene	275	13	...	...	...	...	...	...	...	5.66	+1.13	2.21	0.0	9	14	3	14	ne.	W. R. Heagler
Parkin	Cross	222	6	...	...	...	...	...	...	...	6.41	...	2.65	T.	8	11	3	17	...	Carroll King
Patterson	Woodruff	204	20	...	...	...	...	...	...	...	6.30	+1.64	1.82	0.0	7	14	4	13	sw.	W. E. Baker
Pine Bluff	Jefferson	215	49	47.8	+2.7	72	24	25	12	35	6.00	+0.44	1.90	0.0	13	9	9	13	nw	Miss Theresa Schen
Pine Ridge	Montgomery	840	12	...	...	...	...	...	...	...	4.89	+0.44	2.38	0.0	5	13	0	18	sw.	J. R. Huddleston
Pocahontas	Randolph	300	43	41.8	+1.6	66	24	16	7†	39	4.33	+0.30	1.13	T.	8	13	2	16	n.	Benedictine Sisters
Portland	Ashley	122	30	49.0	+1.4	71	24†	25	12	37	5.32	−0.85	2.05	0.0	8	11	7	13	nw.	W. E. Edmiston
Prescott	Nevada	318	48	48.8	+3.0	72	24	23	12	37	5.20	+0.65	2.07	0.0	12	10	5	16	s.	Craig Williams
Rock Springs	Drew	...	1	...	...	...	...	...	...	...	7.51	...	3.85	0.0	7	16	0	15	sw.	Soil Conservation Ser.
Rogers (near)	Benton	1300	46	43.6	+4.6	66	16†	16	7	37	3.38	+1.04	1.66	T	7	11	8	12	sw	Carl A. Starck
Rosebud ‡‡	Faulkner	600	2	...	...	...	...	...	...	...	4.89	...	2.40	0.0	4	12	7	12	ne.	Miss Clarice Maddox
Russellville [Evap]	Pope	526	24	46.2	+5.7	69	27	22	12	37	5.30	+2.29	2.17	0.0	7	16	0	15	se.	U. S. Forest Service
St. Charles	Arkansas	175	3	46.8	...	68	30	21	7	31	5.40	...	3.95	T.	7	11	8	12	n.	U. S. Biological Survey
St. Francis	Clay	290	9	...	...	...	...	...	...	...	5.41	...	1.73	0.1	10	12	1	18	...	A. Boyce Boyd, Jr.
Searcy	White	245	26	45.6	+2.8	70	24	21	12	39	4.71	+0.47	2.19	0.0	11	14	4	13	ne.	Walter Smith
Springbank ‡‡	Miller	240	27	...	...	...	...	...	...	...	8.61	+3.69	5.70	0.0	11	8	1	22	...	Henry Field
Story	Montgomery	650	12	...	...	...	...	...	...	...	5.33	+0.24	2.98	0.0	5	10	7	14	n.	S. C. Story
Stuttgart	Arkansas	214	49	46.8	+2.8	70	24	23	12	37	5.89	+0.80	2.25	0.0	13	16	3	12	nw.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	1	46.6	...	72	30	25	13	34	5.88	...	2.28	0.0	14	..	..	..	...	Rice Experiment Sta.
Subiaco	Logan	750	39	46.5	+3.8	70	27	22	7	33	4.81	+1.54	1.75	0.0	7	11	10	10	ne.	New Subiaco Abbey
Texarkana	Miller	332	51	50.1	+3.2	74	23	26	12†	36	5.18	+0.83	2.32	0.0	8	12	4	15	n.	H. S. Brashear
Thornburg	Perry	650	16	43.8	+2.7	70	27	14	12	43	4.68	+0.70	1.60	T	7	9	12	10	s.	Edward E. Holmes
Waldron	Scott	675	17	...	...	...	...	...	...	...	...	...		...	..	..	..	..	...	Dr. Cheves Bevill
Whitecliffs	Little River	290	30	...	...	...	...	...	...	...	5.25	+1.23	2.14	0.0	7	8[a]	7[a]	15[a]	...	L. M. Snead
Wilson	Mississippi	237	11	43.9	+2.1	66	25†	21	7†	36	5.72	+0.70	1.85	T.	7	17	0	14	s.	D. O. Anderson
Wynne	Cross	250	28	45.2	+3.2	72	25	19	8†	39	6.04	+1.19	3.24	T.	9	13	5	13	s.	B. M. Eddins
Yancopin	Desha	167	12	...	...	...	...	...	...	...	9.31	+2.76	3.74	0.0	12	9	3	19	...	W. E. Barton
State Means				45.5	+2.8	78	30	13	12	52	5.32	+1.04	5.70	T.	9	11	6	14	s.	

Daily Precipitation for December, 1936

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
		Day of Month																															
Amity ‖‖	Ouachita	.03	.09	.44			2.62	.13											.18									.62	.03		.63	.64	5.41
Arkadelphia ‖‖	Ouachita	.42	.03	.38			2.06	.37			.17								.06									.77	.04		.29	.35	4.94
Arkansas City ‖‖	Mississippi	.51	T.	.58	T.		.50	1.92			.22	T.							T.	.60	T.							.02	.85	T.	T.	.88	6.08
Batesville ‖‖	White	36	.03	.38		T	2.40	.28			T.								.05	.06	T.					.04		.61	.07	.05	.95	.60	5.88
Bee Branch	Arkansas		.35	.05		1.57	1.05													.05				T				.73			2.00		5.80
Benton ‖‖	Saline	.36	.05	.40		.02	2.09	.30			.13																	.33	.05		.78	.60	5.11
Bentonville ***	Arkansas	.10	.26	T.		.78	.02												.02				.01		T.		1.63	.13	T	.03	.27		3.25
Big Lake Outlet ‖‖	St. Francis		T.	.12			1.81	.84			.45								T.	15	T.							.34	.27		.18	.61	4.77
Black Rock ‖‖	White			.25			1.96	.22												.12								.16	.14		.59	1.20	4.64
Blytheville ‖‖	St Francis			.09			2.25	.67			.38	.01							.04	.19				T.				.49	.21	.01	.11	T.	4.45
Booneville	Arkansas		.40			1.45	.33												.01				.01					1.83		.18	.14		4.35
Boughton ‖‖	Ouachita	.28	T.	.44			2.35	.35			.21								.09									.66			.34	.15	4.87
Brinkley	White		.14	.06		T.	3.35				.21								.11	.10								.60	.05	.13	.85		5.60
Calico Rock ‖‖	White	.13	.09	.31			1.92	.15											.01	.10								1.10			.90	.29	5.00
Camden ‖‖	Ouachita	.15	.05	.45			4.50	.75			19								.08									1.25	.11		.37	.60	8.50
Carthage	Ouachita	T.	.45	T.		.65	2.06	.10											.20									.57		.32	1.00		5.35
Clarendon ‖‖	White	.28	T.	.30			2.03	.89			.19	.02							.14	11	.02			T.				.55	.22	01	.08	.79	5.63
Clinton	White		.42	T.		2.82	.16												.10									1.10		.96	84		6.40
Conway	Arkansas		.48	.06		1.63	1.19													.03								.56		.46	1.15		5.56
Cornerstone	Arkansas	.01	.37		T.	.40	3.23			.07									.26				.03				.65			.06	.95		6.03
Corning ‖‖	White			.21			1.86	.20			.14									14								.71			.85	.45	4.56
Cotter ‖‖	White	.26	T.	.40			1 06												T.	T.								.95			.40		3.07
Crossett [near]	Ouachita		.10	.70			2.26				.38								.15									.91			1.10		5.60
Danville ‖‖	Arkansas	.34	.15	.30			2.71	20																				98	.26		.32	.44	5.70
Dardanelle ‖‖	Arkansas	.51	.13	.28			2.58	.18																				1.29	.03		.70	.36	6 06
De Queen	Red		.53	T.	.01	1.19	.95	.01		T.													.20				.02	.85	T.	.40	.30		4.46
Dumas	Mississippi	.05	.39	.10		.15	4.58				.15								.15	.03								1.02	.02		1.95		8.59
Dutton	White		.37			1.13	.12					T.							09	T.				T.			T.	1.98		.24	.29		4.22
El Dorado ‖‖	Ouachita	.02	.05	.57	02		2.38	.58			.18								.18									1.34	.27		.06	1.57	7.22
England	Arkansas	04	.38	.05		.56	2.28				.19								.06					.04				.76	.05	.08	1.42		5.91
Eureka Springs	White		.23			1.12	.10				.10								10	.06				.03			.05	.80		.28	27		3.14
Fayetteville	White	.01	.34	.02		.78	.11				.02								.09	T.			.02	.03			.10	1.08		.10	.12		2.82
Fordyce	Ouachita	.01	.40	.04		.15	4.40	.03			.15								.14									.57		.32	1.00		7.21
Fort Smith ***	Arkansas	T	.17		T.	.66	09				T.							T	.02				.02			T.	1.29	.41		.13	.31		3.10
Freeman Sprgs. ‖‖	Arkansas	.04	.14				2.02	.05											T	.05								2.25			.65	.88	6.08
Fulton ‖‖	Red	.08	.04	.47		.03	1.75	.27			.14								.03									.90			.33	.45	4.49
Georgetown ‖‖	White	.39	.15		T.		3.04	.16			.52								.03					T				.07			.15	1.30	5.81
Gilbert ‖‖	White	.29	.22	22	T.		1.34	.10											T.									1 33			43	.42	4.35
Glenwood ‖‖	Ouachita		.35	.20		1.40	1.50				.15																	.80		.85	.52		5.77
Grannis	Red	.03	.55	.05	.05	2.12	.72												.04				.14	.02		.04	.04	1.42	.04	.27	.87		6.40
Gravette ‖‖	Arkansas		.46			.06	.72												.08									.66			.75		2.73
Harrison	White		.37			.77	.06																					.90	.02	.18	.80	.02	3.12
Heber Springs ‖‖	White		*	.37			*	2.55												T.								.47	T.		1.10	.54	5.03
Helena ‖‖	Mississippi	.34		.41			1.75	1.48			.10	.04							.04	.06								.40	.43			1.85	6.90
Higden	White		.86		.50	1.38	.69												.08									.76		.17	2.08		6.52
Highland	Ouachita		.45			1.60	1.09																					.95		.40	.40		4.89
Hope [Evap]	Red	.11	.05	.46		.01	2.29	15			.13								.05					T.				70	.05		.31	.48	4.70
Hot Springs	Ouachita		.50			1.20	1.20				.05												T.	.02				.60		.25	.72		4.54
Index ‖‖	Red	T.	T.	T.		T.	2.00	T.																T.				1.00		T	.30	T	3.30
Jessieville	Ouachita		.47			*	2.90	.25															T.			T.		.56		*	1.20		5.38
Jonesboro ‖‖	White	.01		.16	T.		2.05	.30			.11									.09								.30	.19	.01	.47	.50	4.19
Lead Hill	White	T	.28	T		.48	.07												.11	.02								.50		.12	.56		2.14
Little Rock ***	Arkansas		.35	.01	T.	1.90	.99			.05	21								T.	.02			T.	.01		T		.48	T.	.31	.57		4.90
Lutherville	Arkansas		.43	.08		2.41	.54																					1.65		.31	1.06		6.48
Madison ‖‖	St. Francis	.22	T.	.16			2.25	.58			.17	T.							.15	.30	.05							.10	.68	.03	T.	1.00	5.69
Magnolia	Red		.57	.08		.03	3.00				.20																	1.19		.40	.83		6.30
Malvern	Ouachita																																...
Mammoth Spg ‖‖	White		03	.11			2.39	.12			.09									.11								14	.03		1.80	.46	5.28
Marianna	St. Francis	.03	.16	.08		.05	2.35				.25								.30	.10								.60	.01		1.60		5.53
Marked Tree ‖‖	St. Francis		T.	.18			2.47	.53			.80								T.	.32								35	.26	.02	.76		5.69
Mena ‖‖	Ouachita	.02	.27	.34	T.	.01	2.52	.05			T.																	1.12	.11		.66	.08	5.18
Monticello	Ouachita		.38			.12	3.70	.10																				1.10	07		1.60		7.07
Montongo	Ouachita		.70				4.53	.09			07								.20									.70			1.60		7.89
Morrilton ‖‖	Arkansas		.10	.26			2.02	.23																				.62	.05		1 10	.21	4.59
Mountain Home	White		.40			1.05	.16												.30	T								1.05			2.00		4.96
Mount Ida	Ouachita		56			1.55	.90	.02																				.75		.49	.71		4.98
Newport ‖‖	White	.08		.21			2.18	.32			.07								.01	.10						.01		.42	.10	.02	59	.51	4.62
Norman	Ouachita		.38	.35		.20	2.14																					.79			1.10		4.96
Okay	Red		.46	.03		.88	1.18	.02											.02				.05					1.32		.30	.26		4.52
Ozark ‖‖	Arkansas	.11	.18	.11	.09		.98	.35			T.							T.	T									1.60			.20	.11	3.73
Paragould ‖‖	St. Francis		T.				2.21	.30			T								T.	.04				T	.02			.43	.30	1.26	.69	.41	5.66
Parkin ‖‖	St. Francis	T	T.	.28			2.65	.78			.45								T.	.17	T.							.55	.28			1.25	6.41
Patterson	White		.22		.43	1.82	1 63																	.93				.56			.71		6.30
Pine Bluff ‖‖	Arkansas	.31	.04	.38			1.90	80			.37	T.							.25	.04				.04				.23	.50	T.	.11	1.03	6.00
Pine Ridge ‖‖	Ouachita		*	.66		T.	2.38																					94			.82	.09	4.89
Pocahontas	White		.22			.70	1.13				.04								.09	T.								1.03		.07	1.05		4.33
Portland ‖‖	Ouachita		.31	.34			2.05				.24								.25									.87		.03	1.23		5.32
Prescott ‖‖	Ouachita	.36	06	.48	.04		2 07	.57			.13								.07					T.				.74	.04		.18	.46	5 20
Rock Springs	Ouachita		.25			3 85	.72			.10									.22									1.10			1.27		7.51
Rogers (near)	White		.33	01		1.00	.07												.12	T.			T.				T.	1.66			.19		3.38
Rosebud	Arkansas		.34			2.40	.30																								1.85		4.89
Russellville [Evap]	Arkansas		.38			2.17	.66												T.				.01					1.33		.32	.43		5.30
St. Charles ‖‖	White		.20			.19	3.95	.12			.15								.14									.65	T.	T.			5.40
St. Francis ‖‖	St. Francis			.16	T.		1.73	.33			.33								T.	.11							T.	.70	.24	.06	.36	1.39	5.41
Searcy	White		.01	.28			2.19	.29			.18									08	T.							.38	.09	.03	.43	.75	4.71
Springbank ‖‖	Red	.22	.02	.72		T.	5.70	.10			.22								.06	T.					.03		T.	.96	T.		.14	.44	8.61
Story ‖‖	Ouachita		.38			T.	2.98																.67								.99	31	5 33
Stuttgart ‖‖	Arkansas	.06	.04	.30			2.25	.90			.35								.25	.04								.48	.12	.02	10	98	5.89
Stuttgart Evap. ‖‖	Arkansas	.23	.01	.32	T.		2.28	.79			.08								.33	.04	T.				.05			.39	20	.02	04	1.10	5.88
Subiaco	Arkansas		.20	T.		1.58	.45												03				T.					1.75	T	.35	.45		4.81
Texarkana ‖‖	Red		.10	.43		.20	2.32	.10																				1.28			.15	.60	5.18
Thornburg	Arkansas		.42	.01		1.60	.95	T.																				.50		.67	.53		4.68
Whitecliffs	Ouachita		.34		.51	.11	2 14	.09																				1.30			.76		5.25
Wilson ‖‖	Mississippi			.12		1.85	1.05				45									.45								.70			1.10		5.72
Wynne ‖‖	St. Francis		T.	.12			3.24	.50			.40								.10	.11								*	.52		T.	1.05	6.04
Yancopin ‖‖	Arkansas	.12		.47			3.74	.86			.11	.06							.70	1.12						01		.36	.47			1.29	9.31

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters [a],[b],[c], number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated ***24 hours ending midnight. ‖‖ 24 hours ending 7 a.m. *Included in next measurement. Data initalics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Daily temperatures for December, 1936

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Batesville	Maximum	44	42	47	50	45	49	36	51	54	50	45	48	48	57	61	61	54	43	45	53	64	54	55	67	65	64	66	59	56	67	59	53.5
	Minimum	25	40	40	24	28	34	19	17	24	36	26	15	17	18	20	25	29	37	27	23	26	29	33	27	43	49	53	42	47	53	26	30.7
Bee Branch	Maximum	45	45	45	50	50	48	40	50	52	48	45	50	48	56	60	60	60	46	40	58	62	62	59	64	64	60	64	65	60	63	60	54.2
	Minimum	29	35	40	29	34	35	19	23	29	37	25	20	23	25	26	29	33	38	29	27	29	34	39	32	45	49	54	43	50	53	29	33.6
Bentonville ***	Maximum	40	39	39	47	49	47	47	54	58	47	43	49	51	54	60	63	48	38	43	49	63	59	60	63	62	58	64	64	60	60	58	52.8
	Minimum	33	35	30	24	40	18	17	32	35	26	23	26	28	27	30	40	35	31	30	33	41	41	44	41	51	54	51	49	47	32	29	34.6
Blytheville	Maximum	39	45	48	52	50	56	37	55	51	47	39	45	46	54	58	60	49	42	37	50	60	53	58	66	62	64	62	59	60	66	53	52.4
	Minimum	27	36	41	28	31	35	19	21	33	31	27	19	21	25	25	27	34	33	30	27	36	31	29	40	42	41	56	46	43	51	30	32.7
Booneville	Maximum	45	44	43	48	50	48	42	55	64	60	46	46	50	59	58	56	56	51	44	55	58	55	59	65	65	65	68	64	60	67	54	54.8
	Minimum	38	39	40	38	42	35	21	29	35	39	24	22	26	23	25	31	37	39	33	27	38	41	38	34	52	58	54	45	45	51	29	36.3
Brinkley	Maximum	51	45	49	54	56	60	45	57	50	50	44	50	45	57	63	63	61	62	45	59	62	61	60	70	68	68	62	61	60	66	62	57.0
	Minimum	32	34	41	38	40	35	23	24	31	42	30	21	20	26	24	26	26	34	32	27	33	34	39	39	47	47	58	47	49	58	32	35.1
Calico Rock	Maximum	46	48	47	51	53	51	38	51	60	58	43	53	53	55	58	65	57	50	45	52	63	63	62	68	66	66	67	68	60	70	66	56.5
	Minimum	30	37	40	28	34	33	19	22	28	35	26	20	23	23	24	29	32	38	32	27	31	35	39	30	49	53	54	47	49	53	29	33.8
Carthage	Maximum	41	43	48	49	62	64	45	54	57	54	47	50	46	53	60	62	65	58	47	62	64	61	66	71	68	68	63	65	61	66	56	57.3
	Minimum	37	38	42	41	38	42	24	24	28	47	27	22	23	25	25	26	30	38	28	28	38	30	44	37	47	49	56	44	52	46	30	35.7
Conway	Maximum	46	43	47	52	47	49	44	54	58	52	50	52	50	59	63	65	55	45	51	58	65	55	65	72	64	65	70	62	62	68	57	56.3
	Minimum	35	38	41	34	38	37	21	21	28	40	27	19	22	22	24	27	34	39	32	28	35	36	45	34	49	48	55	45	50	56	29	35.1
Cornerstone	Maximum	46	45	47	50	57	58	44	50	54	54	51	50	46	52	55	62	65	56	45	55	58	59	62	68	66	68	64	62	60	68	62	56.1
	Minimum	36	39	41	42	33	43	26	27	27	47	31	24	24	26	26	28	37	39	33	30	34	32	39	41	49	48	57	48	52	52	35	37.0
Corning	Maximum	39	41	48	50	49	49	35	52	53	46	42	48	47	57	60	63	46	41	43	53	60	60	54	67	67	59	63	57	59	61	52	52.3
	Minimum	25	36	40	28	36	33	17	20	27	34	25	18	20	22	23	26	30	34	30	25	27	27	30	30	47	46	45	44	43	40	29	30.9
Crossett	Maximum	56	54	54	50	66	67	58	62	58	56	55	45	50	50	60	65	73	58	68	50	60	61	65	70	68	70	64	63	67	70	61	60.5
	Minimum	38	40	40	45	38	55	28	48	32	42	35	20	28	25	26	24	37	43	34	24	29	40	40	30	45	42	53	52	52	55	33	37.8
Dardanelle	Maximum	48	47	45	51	46	49	42	50	56	55	49	50	48	56	59	65	55	47	51	57	62	59	64	68	65	65	66	63	62	68	65	55.9
	Minimum	38	31	41	32	41	37	23	27	30	38	25	21	24	23	25	30	35	39	35	30	35	37	43	32	49	54	55	45	50	54	29	35.7
De Queen	Maximum	47	47	50	47	53	52	49	55	63	58	51	53	50	60	63	65	62	54	50	62	64	56	66	67	67	65	69	63	58	68	59	57.8
	Minimum	39	38	44	43	43	39	23	29	38	46	34	22	25	24	25	29	39	40	34	27	35	45	40	38	49	54	56	46	50	57	30	38.1
Dumas	Maximum	42	47	48	51	61	63	53	59	56	54	48	50	47	53	62	67	66	55	47	56	55	63	68	69	70	70	75	71	63	68	60	58.6
	Minimum	38	40	42	43	34	52	27	25	34	45	32	30	23	26	26	27	38	41	34	32	35	32	36	37	40	42	44	48	52	54	37	37.0
Dutton	Maximum	41	44	41	45	47	47	44	50	54	52	44	47	49	55	57	61	49	44	41	54	61	53	59	61	58	58	62	56	55	62	54	51.8
	Minimum	33	36	34	22	36	27	15	23	31	31	23	17	20	18	20	29	29	33	28	24	33	30	30	29	50	52	49	37	43	47	23	30.7
El Dorado	Maximum	46	47	52	51	62	61	54	60	60	58	47	55	46	57	63	52	71	54	65	62	65	66	69	71	70	72	65	60	63	69	64	59.9
	Minimum	39	41	44	44	44	51	29	26	35	47	36	23	27	26	28	30	44	42	40	30	38	36	48	41	51	53	56	45	45	56	35	39.7
England	Maximum	43	45	48	55	55	61	46	56	55	57	46	53	51	57	63	68	63	49	49	60	63	62	63	70	67	68	64	58	60	63	58	57.3
	Minimum	36	37	43	40	37	41	25	25	31	45	30	23	26	27	27	29	35	39	32	29	44	36	43	38	49	47	56	47	53	57	32	37.4
Eureka Springs	Maximum	40	41	40	47	50	48	48	56	60	55	46	51	52	57	61	66	48	39	45	50	65	60	60	64	64	60	66	64	59	63	60	54.4
	Minimum	32	34	35	23	36	23	15	24	37	27	21	25	29	29	33	42	35	32	27	30	41	37	44	43	48	49	51	48	46	36	27	34.2
Fayetteville	Maximum	40	41	42	46	51	49	48	52	58	55	46	48	50	54	59	62	54	44	43	53	63	57	59	61	61	59	65	62	59	63	55	53.5
	Minimum	34	36	36	25	39	27	19	29	39	28	25	25	26	26	28	40	34	34	30	30	40	39	45	40	51	55	52	40	48	40	27	35.1
Fordyce	Maximum	42	45	48	49	48	64	46	54	58	56	51	48	47	54	59	62	64	60	48	59	60	61	66	70	68	68	63	65	61	66	56	57.0
	Minimum	38	39	43	43	40	45	26	26	33	51	32	24	26	28	28	29	37	40	39	33	35	34	44	37	47	49	56	44	52	46	30	37.9
Fort Smith***	Maximum	44	44	44	45	47	48	41	49	63	53	46	50	52	55	57	61	54	44	47	55	60	51	61	62	64	64	70	61	58	66	54	53.9
	Minimum	40	39	40	34	41	26	24	30	37	31	28	27	32	28	31	38	41	38	35	34	42	44	44	40	50	58	54	48	47	38	33	37.8
Gilbert	Maximum	45	48	42	44	48	50	47	49	54	61	43	57	55	53	69	68	60	54	50	45	49	69	65	67	70	70	62	68	62	66	67	56.7
	Minimum	27	28	35	24	30	38	14	19	22	30	19	13	15	15	17	24	26	30	29	20	25	28	24	22	30	51	50	40	40	48	23	27.6
Harrison	Maximum	48	40	40	45	51	49	38	51	58	58	40	55	47	52	55	60	57	51	51	48	58	59	58	64	64	59	63	58	57	63	52	53.2
	Minimum	32	35	37	24	38	25	17	23	35	28	24	19	20	24	25	34	34	34	29	33	37	35	40	31	32	55	52	47	46	42	27	32.7
Helena	Maximum	42	45	47	54	61	60	45	60	49	50	46	48	47	53	63	62	63	56	41	55	58	61	64	69	67	68	62	59	62	68	57	56.2
	Minimum	38	39	40	41	39	43	25	25	39	45	30	23	24	28	27	31	41	40	32	28	37	38	42	45	47	48	57	53	49	56	35	38.2
Highland	Maximum	46	47	46	48	53	55	49	54	61	58	60	58	51	59	61	63	62	51	53	60	64	55	66	68	67	66	67	66	61	67	62	58.2
	Minimum	36	38	41	40	41	39	24	26	38	44	36	28	27	32	34	36	37	37	35	30	39	37	39	44	49	51	55	45	50	45	34	38.3
Hope §§	Maximum	44	44	50	47	63	58	51	58	60	58	47	52	49	56	63	64	66	46	50	64	66	55	68	71	70	68	66	64	67	68	59	58.5
	Minimum	38	40	40	42	42	44	26	26	28	46	33	22	24	25	26	26	31	35	36	32	40	36	36	40	38	52	44	44	46	51	34	36.2
Hot Springs	Maximum	47	45	44	50	47	53	50	55	58	56	47	51	48	58	62	62	62	57	48	62	63	59	67	69	64	67	68	65	59	68	59	57.1
	Minimum	36	38	41	40	37	40	24	25	34	47	28	23	26	26	29	32	36	41	36	33	39	37	45	38	51	53	56	45	51	56	30	37.8
Jonesboro	Maximum	41	43	48	50	48	52	36	52	52	47	40	46	46	56	61	62	51	42	42	53	63	54	55	68	68	65	63	57	57	67	59	53.0
	Minimum	28	35	41	32	35	36	20	24	32	39	27	21	23	27	29	31	34	36	30	33	29	33	39	36	46	45	55	47	45	53	32	34.6
Lead Hill	Maximum	41	42	41	47	52	51	40	45	63	66	35	41	45	54	54	62	54	45	36	50	63	55	61	62	64	62	68	62	59	65	57	53.0
	Minimum	28	35	39	22	31	25	15	19	25	29	23	16	20	20	20	27	29	34	30	25	28	31	40	26	48	52	52	45	45	42	24	30.5
Little Rock.* **	Maximum	42	44	47	49	54	51	40	50	56	52	44	47	44	53	57	60	57	44	47	55	62	57	63	68	67	66	65	58	62	67	51	54.2
	Minimum	36	38	42	40	41	30	24	27	36	34	31	27	29	30	33	35	40	39	33	35	39	38	45	44	51	50	52	47	53	44	36	38.0
Lutherville	Maximum	53	47	42	48	43	47	42	48	56	51	45	52	51	53	61	62	58	46	48	53	62	56	63	60	65	59	65	60	57	64	52	53.8
	Minimum	34	36	38	31	35	33	20	26	34	35	23	24	27	28	30	36	40	37	31	31	38	42	43	38	48	52	54	46	49	51	29	36.1
Magnolia	Maximum	45	46	50	50	62	68	53	59	59	59	58	53	49	55	61	62	69	61	50	63	70	64	70	69	70	70	68	77	74	78	68	61.6
	Minimum	38	40	44	42	43	45	29	29	41	53	35	24	28	26	26	30	43	42	36	30	42	40	48	44	52	51	56	46	52	61	36	40.4
Mamm Spring.	Maximum	62	52	48	49	46	50	37	52	53	50	43	49	51	53	58	63	59	53	44	50	59	54	56	69	68	63	64	59	61	67	60	54.9
	Minimum	31	28	30	24	31	28	17	19	26	30	23	18	21	23	23	30	31	34	30	27	28	34	36	38	50	50	53	45	41	46	27	31.4
Marked Tree§§	Maximum	40	44	48	53	60	52	38	56	50	48	41	48	47	56	60	61	52	41	39	52	58	57	61	67	65	66	61	52	67	68	54	53.6
	Minimum	31	33	38	32	33	39	21	23	25	37	28	22	22	24	26	28	32	32	30	29	33	34	35	39	44	40	40	40	46	46	31	32.7
Mena	Maximum	43	43	43	42	48	49	52	54	60	55	46	51	50	58	62	64	61	48	47	60	63	49	63	68	61	64	66	61	63	64	60	55.4
	Minimum	35	39	39	38	40	37	21	25	33	37	25	23	26	27	29	43	36	36	34	32	41	39	43	38	54	50	52	47	47	44	29	36.7
Morrilton	Maximum	46	45	47	50	49	49	45	50	58	55	50	48	45	54	59	62	57	51	49	55	61	57	61	67	64	66	66	63	60	66	58	55.3
	Minimum	34	37	40	33	39	37	22	24	30	38	25	22	25	27	26	29	33	39	34	32	34	37	43	33	55	51	54	46	50	55	32	36.0
Mountain Home	Maximum	44	42	43	48	46	48	38	52	62	49	46	53	50	58	60	66	49	43	44	51	60	55	63	67	64	61	67	60	58	66	54	53.8
	Minimum	27	34	38	24	35	27	16	20	30	30	23	19	23	22	24	31	34	34	30	27	32	33	39	31	48	52	52	38	47	44	25	31.9
Mt. Ida	Maximum	42	46	44	45	48	48	50	55	60	54	43	54	43	58	60	61	57	52	41	60	67	54	65	69	65	65	69	61	59	68	56	55.5
	Minimum	36	40	41	40	41	34	19	19	25	42	25	15	18	18	19	23	28	34	36	24	32	29	35	29	48	54	54	42	46	56	25	33.1
Newport	Maximum	42	43	49	52	49	50	36	62	52	49	42	47	47	54	50	62	55	47	44	55	49	56	55	67	67	60	64	59	56	67	61	53.2
	Minimum	31	36	43	28	35	36	22	23	28	39	29	20	30	24	25	28	33	39	32	26	30	33	39	33	49	50	56	47	47	56	31	34.8
Okay	Maximum	47	46	50	47	52	58	52	57	62	59	53	53	50	57	65	65	66	65	52	64	66	65	69	72	68	70	71	69	60	69	65	60.1
	Minimum	38	41	44	42	43	40	26	28	33	41	34	23	24	21	23	25	31	39	33	28	33	39	41	36	52	53	55	48	50	59	32	37.3
Ozark	Maximum	45	46	48	48	49	47	42	44	60	54	47	49	49	56	57	61	52	48	48	52	60	54	60	68	65	61	65	63	60	66	55	54.2
	Minimum	39	40	40	28	39	27	20	29	35	32	22	20	25	23	34	30	35	38	32	26	34	42	40	42	45	55	52	43	47	44	27	35.0
Pine Bluff	Maximum	41	46	46	49	62	64	45	58	59	52	43	50	46	55	60	65	67	52	47	60	60	62	68	72	70	70	62	59	64	69	58	57.5
	Minimum	37	39	38	41	38	41	27	28	32	43	32	25	26	29	28	30	40	40	34	32	36	35	42	43	49	49	53	49	54	58	37	38.2
Pocahontas	Maximum	42	49	48	53	47	50	36	50	53	50	43	41	46	56	61	61	53	42	44	54	60	57	53	66	65	62	64	60	52	65	62	53.1
	Minimum	25	29	39	26	32	32	16	20	25	33	22	16	18	19	22	25	32	35	30	24	26	30	34	32	42	45	52	45	44	49	26	30.5
Portland	Maximum	46	47	50	51	66	67	56	58	62	55	54	48	47	49	57	63	69	62	48	59	64	61	65	71	70	71	64	62	66	70	59	59.3
	Minimum	40	42	41	44	38	55	30	27	34	50	34	25	36	29	28	27	38	42	37	28	33	32	34	34	46	46	57	52	52	55	37	38.8
Prescott	Maximum	44	45	48	49	54	63	51	57	59	59	53	53	48	57	63	65	67	63	53	63	67	61	71	72	70	68	68	65	64	69	59	59.6
	Minimum	36	39	42	41	42	41	25	25	33	47	32	23	26	26	26	29	34	40	36	31	37	36	45	39	52	51	56	45	51	56	33	37.9
St. Charles	Maximum	56	48	51	51	57	60	48	56	52	51	50	45	49	53	57	60	63	62	56	58	58	59	60	62	60	66	63	60	62	68	60	56.8
	Minimum	37	37	33	41	35	44	21	25	36	47	32	25	27	24	27	29	35	40	30	32	31	35	39	40	38	45	55	51	52	59	37	36.7
Searcy	Maximum	41	43	49	53	53	51	41	55	55	51	45	53	48	61	64	63	53	45	50	61	65	59	60	70	68	66	67	62	61	67	59	56.1
	Minimum	34	37	42	32	37	37	22	22	27	41	29	21	22	24	25	28	31	40	32	31	30	33	40	37	44	48	56	46	50	56	31	35.0
Stuttgart	Maximum	42	46	49	54	55	62	43	55	55	52	47	49	46	54	58	65	63	60	45	57	62	61	61	70	68	68	63	59	60	67	59	56.6
	Minimum	37	39	42	42	36	42	24	25	33	42	31	23	24	28	28	28	35	39	33	30	33	37	42	39	41	45	54	47	52	58	34	36.9
Subiaco	Maximum	47	45	43	49	46	50	42	54	66	58	47	50	50	56	58	62	58	47	47	56	62	55	64	69	67	64	70	66	61	69	57	56.0
	Minimum	38	37	40	31	40	35	22	28	34	39	25	23	27	27	28	33	38	39	34	35	36	41	42	36	55	57	55	44	45	53	30	37.0
Texarkana	Maximum	47	46	52	48	47	50	54	61	61	56	54	54	52	61	64	67	67	57	58	62	68	54	74	72	72	68	72	64	64	71	62	60.0
	Minimum	38	40	42	40	39	40	27	29	40	52	36	26	28	26	28	35	40	41	34	35	32	41	44	49	50	54	56	58	52	57	36	40.2
Thornburg	Maximum	45	42	44	51	47	50	45	63	58	53	45	54	50	56	62	63	58	45	48	58	63	57	65	69	63	65	70	64	61	67	56	56.0
	Minimum	34	37	40	35	33	38	18	20	27	29	23	14	18	19	20	23	29	30	33	27	28	30	40	30	49	52	54	37	44	49	24	31.7
Wilson	Maximum	45	44	46	52	52	58	57	55	51	48	42	43	43	51	56	58	51	46	37	50	57	54	58	65	66	64	62	61	58	66	61	53.5
	Minimum	31	38	40	40	31	34	21	21	36	42	34	25	30	21	21	23	30	34	25	31	25	30	29	41	50	50	46	43	42	55	43	34.
Wynne	Maximum	47	46	40	49	55	52	60	56	57	49	49	42	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	73	65	64	60	60	67	62	56.
	Minimum	32	33	38	30	31	40	22	19	32	39	27	21	19	21	21	23	34	24	29	36	33	33	40	42	46	55	55	46	44	54	30	34.

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding da

Weather Bureau Office, Little Rock, Ark 2-5-37-1150

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLI	Little Rock, Ark., year, 1936	No. 13

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GENERAL SUMMARY

The four outstanding features of the weather in Arkansas during the year 1936 were: the unusually long cold spell in January and February, the late freeze in April, the pronounced deficiency in precipitation the first six months of the year and in August, and the long hot summer, especially in central and western portions of the State.

January and February were cold, the latter part of January and the first three weeks of February being one of the longest periods of cold weather ever experienced in the State. Rivers were frozen in the northern portion for the first time in many years. The Arkansas River at Little Rock was practically frozen over on February 9th and partially frozen on the 20th. March was a warm dry month, being the driest since 1925 and the fourth successive month with precipitation considerably below normal. April was also dry but cold, freezing temperatures and killing frosts extending to the southern border on the 3d. In May temperature was somewhat above normal while precipitation was about 50% of the normal amount. June also was dry, this being the driest June since 1930, while temperatures were unseasonably high the latter half, new records for this month being established at some stations on the 20th. The drought was broken in most sections of the State except the northwestern portion in July, but temperatures were unusually high, with some stations reporting the highest on record on the 18th. The high temperatures continued in August, this being the hottest and driest August since State-wide records have been kept, especially in the western portion. Ozark with 120° on the 10th exceeded the previous record for the State by 4°. Temperature and precipitation were both above normal in September, the drought being broken in the northwestern portion of the State for the first time this year. Some stations in that sections received more rain this month than they had had in the preceding eight months. Mild weather prevailed most of October and November, with killing frosts occurring at some stations in the northern portion of the State the latter part of October and in all sections the first week in November. Temperature and precipitation were both above normal in December, with unusually mild weather prevailing the latter half of the month.

The mean temperature for the State was 62.0° which is 0.6° above the 46-year average. Annual means ranged from 56.8° at Dutton to 66.0° at El Dorado. Of the stations for which normals have been computed, 11 had negative departures, 39 positive, and 3 were normal. Extremes ranged from 15° below zero at Lead Hill on February 18th to 120° at Ozark on August 10th.

The average precipitation for the State was 34.75 inches which is 13.31 inches below the 46-year mean and the lowest State average on record. Annual amounts ranged from 19.11 inches at Index in a southwestern border county to 47.88 inches at St. Francis in the extreme northeastern portion. All stations with records of 10 years or more had negative departures. Precipitation was above normal in July, September, October, and December, below in the other months with the least rainfall of the year occurring in August. A number of stations received less than 50% of the normal amount of rain for the year, while the percentage for the State as a whole was slightly more than 72%.

The shortage of rainfall during the year was felt even in the early spring months. In February in the northwestern portion of the State water in wells was low and with but little rainfall thereafter until September wells and springs failed which had never been known to go dry before. Showers during the spring months generally provided enough soil moisture for germination of seeds but in some sections cotton got a late start because of the dryness of the soil. However, with good cultivation most crops made good progress until the latter part of May and the 1st of June when temperatures were much higher. In June early corn began to need rain badly and before the close of the month some of it was damaged beyond recovery, but with the heavy soaking rains the first of July it revived and improved rapidly except in the northwestern portion where rainfall was insufficient. All crops grew rapidly in eastern and southern sections during July though temperatures were unusually high part of the time, but by the first of August rain was again needed badly in nearly all sections of the State, and with high temperatures and the hot winds of the 9th and 10th, all crops deteriorated rapidly. In the eastern half of the State temperatures were high for only a few days and the damage done to cotton was offset by the good growing weather later in the fall but late corn was practically ruined in all sections. The rains in September came too late in the western portion to be of much benefit to most crops, the plants being too near dead to be revived. Corn was almost a total failure in the northwestern portion and though cotton fared better than corn the crop was very short in the western half of the State. In the eastern portion, however, the yield was the best in many years because of the favorable weather for the development of green bolls in the fall.

The last killing frost in spring occurred in central and southern sections on April 3d and in the northern portion about April 7th, but at a few stations in the Ozarks and the Ouachita Mountains it was as late as April 23d. The first killing frost in autumn occurred at a few stations in the northern portion October 27th or 29th and elsewhere about November 3d or 4th. The growing season ranged from 189 days at Dutton in the Ozarks to 216 days at a number of stations. The late freeze in April killed peaches in large areas and seriously damaged potatoes, truck, apples, and strawberries. Cotton and corn, where up, were also damaged but only a small amount of cotton had been planted.

Nine tornadoes were reported during the year: four in March, one in April, and two each in May and July. Losses were smaller than in 1935 but greater than in 1934. During the year three people were killed, 28 injured, and property valued at $106,500 destroyed.

Damage from windstorms was confined chiefly to March, May, June, July, and September with heaviest losses occurring in July. Damage from hail was reported in March, May, June, and July. Losses in May were confined principally to eastern Randolph and western Clay counties and in June to eastern Craighead County, damage in each instance being $50,000. The total loss from hail during the year was $130,500 and from windstorms $28,100.

T.A.M.

WEATHER BY MONTHS

January:—This was the coldest January since 1930 and the driest since 1911, which was the driest on record. Temperatures were considerably lower in central and eastern portions, with a number of days with the maximum below freezing. Precipitation was 3.17 inches below normal, with monthly totals ranging from 0.13 inch at Fayetteville to 4.59 inches at Crossett. The average snowfall was 3.5 inches which is the highest State average since 1930. Streams remained at low stages during the month and some were frozen in the northern portion during the latter part. Wheat, oats, meadows, and winter truck were badly frozen in many localities.

February:—Unusually cold weather prevailed during the month with cold waves on the 4th, 9th, and 18th. Precipitation was 1.59 inches below normal, with 5 stations having monthly amounts of less than an inch. Monthly totals ranged from 0.77 inch at Index to 3.73 inches at St. Francis. Rain is needed in the northwestern portion, water in wells being low and all streams at low stages. Precipitation has been below normal for the last three months, this being the driest winter on record. The weather was decidedly unfavorable for outdoor activities until the 22d but thereafter very favorable. Wheat, oats, and winter truck were damaged by freezing where not protected by snow cover. Some gardens and potatoes were planted the last of the month in the southern portion.

March:—Precipitation was 2.55 inches below the 46-year mean, all stations except one having negative departures. Monthly totals ranged from 0.05 inch at De Queen to 6.03 inches at England. Rainfall was lightest in northwestern and north-central portions and in western border counties, while it was heaviest in the southeastern portion and in counties bordering on the Mississippi River. Tornadoes occurred on the 23d and 24th in which 4 persons were slightly injured and property damaged valued at $37,000. Temperatures were below normal for only 7 days during the month, all stations having positive departures. Dust was observed on 12 or more days, with some stations reporting visibility of 1-4 to 1-2 mile on the 24th. The dry weather was favorable for preparation of land but the soil was too dry for growth in some western portions. A small amount of cotton and much corn were planted.

April:—This was the coolest and driest April since 1931, Gravette and Sunset reporting the lowest temperature ever recorded for the month on the 3d. Temperatures were again considerably below normal from the 6th to the 10th and from the 21st to the 23d, some stations in the Ouachita Mountains reporting killing frosts on the 23d. Precipitation was 2.20 inches below normal, only two stations having positive departures. Monthly totals ranged from 0.60 inch at Magnolia to 6.17 inches at Mountain Home. The weather was favorable for planting crops but in some sections of the western portion the soil was too dry for germination and good growth part of the month. A tornado occurred near Melbourne on the 5th in which one person was killed, 4 injured, and property valued at $40,000 destroyed.

May:—Showers occurred in all sections the first of the month and from the 9th to the 13th though amounts were small in some localities. After the middle of the month some sections had no rain and many localities only light showers. The average precipitation was 2.50 inches which is 2.52 inches below normal, this being the sixth consecutive month with a negative precipitation departure. Monthly totals ranged from 0.61 inch at Mammoth Spring to 7.48 inches at De Queen. Tornadoes occurred on the 9th in the southwestern portion in which 2 people were killed, 20 injured, and property valued at $20,500 destroyed. Cotton made good progress during most of the month and was unusually well cultivated but the soil was too dry in some sections for good growth the latter part. Corn was clean and well cultivated but was needing rain badly in some sections by the close of the month.

June:—This was the driest June since 1930 and the seventh consecutive month with precipitation below the average. Rainfall for the past six months has been only 43% of the normal amount and the deficiency for the State since January 1st is 14.79 inches. All stations except one had negative departures, with monthly totals ranging from a trace at Texarkana, Index, and Whitecliffs to 4.02 inches at Higden. Temperatures were unusually high but were higher in the western portion than in the eastern. The highest temperature reported was 113° at Corning on the 20th which is 3° higher than the previous record for June. The high temperatures and dry soil were unfavorable for cotton in some sections and decidedly unfavorable for corn in nearly all sections, some being damaged beyond recovery.

July:—Temperatures were nearly continuously above normal in the northwestern portion of the State during July, a number of stations reporting the highest on record on the 18th. Rainfall was heavy to excessive in most eastern and southern portions the first of the month, but very light in the extreme northwestern portion. The average precipitation was 4.90 inches which is 1.10 inches above normal, this being the first month this year with a positive departure. Monthly totals ranged from 0.04 inch at Rogers to 14.16 inches at Pine Bluff. Rainfall was generally above normal in eastern and southern sections but seriously deficient in the northwestern portion. Crop conditions improved materially during the month except in the northwestern portion where crops continued to deteriorate. Damage during the month was as follows: from tornadoes, $9,000; windstorms, $16,300; heavy rain, $50,000; heavy hail, $30,000.

August:—Maximum temperatures were 100° or higher in the western portion of the State for 20 to 26 days but were not so high in the eastern. Scattered showers occurred during the month but some sections received no rain. A number of stations had only one rainy day. The average rainfall for the State was only 0.44 inch which is the least on record for August. Eight stations had no rain, while the greatest monthly total was only 2.37 inches. All crops deteriorated during the month. Late corn was almost a total loss in all sections and meadows, pastures and all truck crops were either destroyed or seriously damaged. Rice was about the only crop in the State that didn't suffer. Stock water was becoming scarce by the close of the month and the soil was too dry in all sections for the planting of fall crops.

September:—This was the warmest September since 1925. High temperatures prevailed in the western portion until the middle of the month but they were not near so high in the eastern. Moderate to heavy rains occurred in much of the northern half of the State the first of the month and about the 10th but rainfall was light and scattered in central and southern sections. Heavy showers began about the 16th in the northern portion and became more general from the 20th to the 28th, most sections of the State except the southeastern and some southwestern localities receiving good rains during this period. Monthly amounts ranged from 0.27 inch at Yancopin to 13.52 inches at Freeman Springs. The soil was in good condition in the northern half of the State most of the month for growth of fall crops but too dry in east-central and southern sections. The picking and ginning of cotton were delayed somewhat in the northern portion by the continued rainy weather the latter part of the month but in many southern and western localities picking was almost completed by the close of the month.

October:—Temperatures were considerably below normal from the 22d to the 29th, several stations in the northern portion and a few in the Ouachita Mountains reporting killing frost and freezing temperatures during this period. Precipitation was 1.83 inches above normal, with monthly amounts ranging

Continued on page 55

Climatological Data for Year, 1936

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	500	36	63.0	115	Aug. 10	8	Feb. 18†	41	31.36	5.41	Dec.	0.00	Aug.	4.2	73	118[g]	180[g]	61[g]	s.
Arkadelphia	Clark	200	...	...	...	...	...	...	41	26.89	4.94	Dec.	0.10	Aug.	9.5	86	182	97	87	sw.
Arkansas City	Desha	145	...	...	...	...	...	...	52	37.71	6.08	Dec.	0.09	Au .	10.4	71	229	18	119	...
Batesville	Independence	277	30	59.3	111	Aug. 9	−1	Feb. 18	37	34.23	5.88	Dec.	0.45	Aug.	10.3	84	215	79	72	se.
Bee Branch	Van Buren	700	45	61.5	110	Aug. 9†	1	Feb. 18	44	30.86	5.80	Dec.	0.05	Aug.	5.6	65	173	105	88	s.
Benton	Saline	285	...	...	...	...	...	...	1	29.30	5.11	Dec.	0.69	Aug.	9.1	85	236	82	98	...
Bentonville	Benton	1295	31	59.3	111	July 18	−4	Feb. 18	31	28.88	10.32	Sept.	0.08	Aug.	1.9	77	127	127	112	s.
Big Lake Outlet‡‡	Mississippi	239	...	...	...	...	...	...	6	37.03	5.91	July	0.35	Aug.	8.8	73	202	50	114	...
Black Rock	Lawrence	259	...	...	...	...	...	...	35	26.97	5.77	Sept.	0.36	Jan.	5.9	79	242	26	98	s.
Blytheville	Mississippi	252	11	59.7	105	June 19	−3	Feb. 18	11	39.93	6.46	Sept.	0.32	Aug.	7.1	76	252	40	74	s.
Booneville	Logan	465	21	63.1	118	Aug. 10	2[c]	Feb. 18	22	31.32	7.51	Oct.	0.13	Aug.	6.5	70	159	133	74	e.
Boughton	Nevada	235	...	...	...	...	...	...	1	28.96	4.94	July	0.32	Aug.	5.4	72	175	58	133	...
Brinkley	Monroe	205	49	62.7	110	June 20	2	Feb. 9†	49	37.25	9.28	July	0.13	Aug.	7.7	70	208	45	113	ne.
Calico Rock	Izard	361	22	61.7	111	July 15	−2	Feb. 18	32	36.48	7.77	Oct.	0.50	Aug.	2.6	72	192	78	96	n.
Camden	Ouachita	116	45	64.3	115	Aug. 10	6	Jan. 31	51	37.36	8.50	Dec	0.14	Aug.	8.0	73	157	76	133	se.
Carthage	Dallas	297	5	62.7	114	Aug. 10	6	Jan. 31	31	31.38	5.35	Dec.	0.13	Aug.	8.1	62	137	179	50	s.
Clarendon	Monroe	172	...	...	...	...	...	...	32	32.73	6.65	July	0.33	Aug.	5.8	93	164	62	140	n.
Clinton	Van Buren	516	...	...	...	...	...	...	15	33.55	6.70	Sept.	0.03	Aug.	5.0	70	185	115	66	n.
Conway	Faulkner	309	40	63.0	115	Aug. 10	4	Feb. 18	53	41.27	9.26	July	0.20	Aug.	6.2	71	234	67	65	s.
Cornerstone	Jefferson	195	21	61.8	...	...	5	Jan. 31	25	36.31	10.98	July	0.30	Sept.	4.5	81	231	77	58	s.
Corning	Clay	293	36	59.7	113	June 20	−6	Feb. 18	43	34.84	7.23	July	0.44	Aug.	10.5	70	220[a]	43[a]	102[a]	...
Cotter	Baxter	440	...	...	...	...	...	...	9	32.64	8.56	Sept.	0.61	Jan.	6.0	51	219	50	97	...
Crossett	Ashley	175	13	64.2	108	June 20	2	Jan. 31	24	39.85	7.29	July	0.76	June	7.1	74	166	92	108	n.
Danville	Yell	327	...	...	...	...	...	...	20	33.75	5.90	Oct.	0.15	Aug.	6.5	74	173	103	90	...
Dardanelle	Yell	330	27	63.0	113	Aug. 10	8	Feb. 18	50	34.80	6.57	July	0.27	Aug.	2.8	80	92	181	93	se.
De Queen	Sevier	426	1	63.1	114	Aug. 10	...	...	1	36.85	8.88	July	0.09	Aug.	...	..	...	...	...	...
Dumas	Desha	162	22	64.4	112	Aug. 10	7	Jan 31	31	41 08	11.69	July	0.20	Aug.	11.0	81	133	135	98	s.
Dutton	Madison	1590	33	56.8	109	July 18	−6	Feb 18	34	42.38	13.22	Sept.	0.20	Aug.	7.5	80	137[a]	169[a]	59[a]	s.
El Dorado	Union	270	32	66.0	112	Aug. 10	11	Feb. 18	36	36.41	7.22	Dec.	0.47	June	5.5	93	177	82	107	n.
England	Lonoke	229	29	62.6	111[b]	Aug. 9	6[1]	Feb. 18	30	36.83	6.03	Mar.	0.25	Aug.	...	..	...	...	...	s.
Eureka Springs	Carroll	1465	35	60.4	112	Aug. 9†	−8	Feb. 18	36	33.59	10.37	Sept.	0.30	Jan.	3.0	76	216	87	63	sw.
Fayetteville	Washington	1451	45	60.2	110	July 18	−4	Feb. 18	49	29.28	10.92	Sept.	0.13	Jan.	2.2	94	148	144	74	sw.
Fort Smith	Sebastian	448	55	63.0	113	Aug. 10	3	Feb. 18	55	24.84	8.08	Sept.	0.22	Jan.	3.1	75	150	127	89	e.
Freeman Springs‡‡	Pope	2240	...	...	...	...	...	...	12	41.86	13.52	Sept.	0.49	Aug.	6.6	76	222	53	91	sw.
Fulton	Hempstead	260	...	...	...	...	...	...	51	25.55	4.49	Dec.	0.10	Aug.	5.0	59	173	72	121	...
Georgetown	White	200	...	...	...	...	...	...	24	37.38	6.45	Oct.	0.00	Aug.	3.7	78	196	64	106	...
Gilbert	Searcy	600	1	...	113	Aug. 10†	...	...	10	30.72	8.16	Sept.	0.00	Aug.	3.0	64	230	35	101	...
Glenwood	Pike	547	...	...	...	...	...	...	1	36.86	6.15	Sept.	0.82	Jan.	4.8	78	199	75	92	...
Grannis	Polk	900	16	61.3	115	Aug. 10	5	Feb. 18	17	42.65	7.75	Sept.	0.27	June	6.6	110	168	115	83	se.
Gravette	Benton	1250	38	58.6	114	July 18	−5	Feb. 18	39	23.91	8.07	Sept.	0.20	Aug	1.7	53	205	92	69	s.
Harrison	Boone	1052	35	59.7	112	July 18	−6	Feb. 18	36	35.94	11.67	Sept.	0.01	Aug.	6.5	80	267	35	64	sw.
Heber Springs	Cleburne	...	...	...	...	...	...	...	1	34.74	6.25	Sept.	0.15	Aug.	4.5	71	163	60	143	...
Helena	Phillips	300	38	62.7	103	June 20	4	Feb. 18	64	40.48	7.07	July	0.11	Aug.	10.0	80	178	53	135	ne.
Higden	Cleburne	445	...	...	...	...	...	...	17	37.64	6.52	Dec.	0.31	Aug.	5.9	54	237	47	82	sw.
Highland	Pike	491	7	64.9	116	Aug. 10	5	Feb. 18	17	29.36	5.20	Sept.	0.15	Aug.	2.9	51	64	238	64	s.
Hope [Evap]	Hempstead	375	30	63.8	115	Aug. 10	9	Feb. 18	66	32.04	4.91	Oct.	0.50	Jan.	5.9	69	194[t]	77[t]	74[t]	...
Hot Springs	Garland	600	39	64.7	115	Aug. 10	7	Feb. 18	45	38.82	5.91	April	0.41	Aug.	3.0	79	89	224	53	s.
Index‡‡	Little River	275	...	...	...	...	...	...	19	19.11	3.30	Dec.	T.	June	7.0	45	195	46	125	..
Jessieville	Garland	750	...	...	...	...	...	...	10	34.89	5.38	Dec.	0.45	June	4.7	64	96	189	81	sw.
Jonesboro	Craighead	345	40	61.2	109	June 20	−1	Feb. 18	41	33.39	7.25	Sept.	0.64	Jan.	8.3	82	197	81	88	sw.
Lead Hill	Boone	650	19	59.2	112	Aug. 10	−15	Feb. 18	30	22.46	6.67	Sept.	0.22	Aug.	1.2	69	233	72	61	s.
LITTLE ROCK	Pulaski	324	57	62.5	110	Aug. 10	5	Feb 18	57	34.88	7.51	July	0.27	Aug.	5.5	77	156	96	114	e.
Lutherville‡‡	Johnson	775	38	62.1	116	Aug. 10	−2	Feb. 18	87	43.85	8.65	Oct.	T.	Aug.	10.8	68	180	94	92	se.
Madison	St. Francis	209	...	...	...	...	...	...	6	41.23	7.13	July	0.14	Aug.	12.2	70	176	14	176	...
Magnolia	Columbia	315	17	65.9	110	Aug. 10	11	Jan. 31†	20	30.23	6.30	Dec.	T.	Aug.	7.0	50	96[f]	204[f]	60[f]	...
Mammoth Spring	Fulton	600	31	59.9	107	July 14†	−8	Feb. 18	32	35.45	6.68	Oct.	0.32	Aug.	6.3	67	187	109	70	se.
Marianna	Lee	235	24	62.6	107	June 20	4	Feb. 18	25	33.87	6.32	July	0.16	Aug.	9.0	75	190	112	64	s.
Marked Tree	Poinsett	229	20	60.1	107	June 20	0	Feb. 18	32	36.71	5.72	July	0.25	Aug.	7.9	75	172	118	76	s.
Mena	Polk	1207	44	62.4	112	Aug. 10	2	Feb. 18	48	35.68	5.72	Oct.	0.02	Aug.	4.1	89	157	108	101	sw
Morrilton	Conway	315	14	62.9	114[i]	Aug. 10	5	Feb. 18	17	27.60	5.11	Oct.	0.46	Aug.	3.9	56	186[i]	73[i]	98[i]	se.
Mountain Home	Baxter	800	19	60.0	112	Aug. 9	−9	Feb. 18	24	34.23	8.29	Sept.	0.14	Jan.	0.5	60	185	73	108	s.
Mount Ida	Montgomery	650	21	60.8	116	Aug. 10	3	Feb. 9	37	32.72	6.07	July	0.05	Aug.	7.2	52	193	75	98	w.
Nail	Newton	2233	1	...	107	Aug. 10	−9	Feb. 18	28	...	...	...	...	...	...	..	...	...	...	...
Newport	Jackson	231	48	61.3	108	June 20	0	Feb. 18	53	31.99	4.62	Dec.	0.04	Aug.	3.9	86	184	98	84	n.
Norman	Montgomery	750	...	...	...	...	...	...	8	32.34	6.22	Sept.	0.00	Aug.	6.7	..	...	...	...	s.
Okay	Howard	288	8	64.2	116	Aug. 10	8	Jan. 31†	8	25.89	4.52	Dec.	0.09	June	5.0	71	180[h]	106[h]	72[h]	s.
Ozark	Franklin	396	39	62.6	120	Aug. 10	0	Feb. 18	41	32.07	7.63	Sept.	0.36	Aug.	6.7	67	222	34	110	...
Paragould	Greene	275	...	...	...	...	...	...	13	37.73	8.64	Oct.	0.25	Jan.	12.9	62	229	64	73	s.
Parkin	Cross	222	...	...	...	...	...	...	6	43.68	7.90	Sept.	0.55	Aug.	5.3	67	171	45	144	...
Patterson	Woodruff	204	...	...	...	...	...	...	20	42.88	8.20	July	0.16	Aug.	3.9	59	236	57	73	sw.
Pine Bluff	Jefferson	215	48	64.3	108	Aug. 10	9	Feb. 18	49	40.18	14.16	July	0.22	June	7.5	87	163	115	88	sw.
Pine Ridge	Montgomery	840	...	...	...	...	...	...	12	36.72	5.41	Oct.	0.53	Jan.	5.0	53	195	73	98	sw.
Pocahontas	Randolph	309	42	59.7	109	June 20	−5	Feb. 18	43	34.32	6.56	July	0.75	June	7.6	76	171	73	122	sw.
Portland	Ashley	122	30	63.8	106	June 20	−1	Jan. 31	30	32.52	5.53	Nov.	0.21	June	10.0	76	166	105	95	sw.
Prescott	Nevada	318	47	64.9	112	Aug. 10	9	Feb. 18	48	31.55	9.06	July	0.27	June	5.0	82	170	90	106	s.
Rogers (near)	Benton	1300	43	60.0	112	July 18†	−5	Feb. 18	46	30.31	9.66	Sept.[e]	0.04	July	2.3	61	213	63	90	sw.
Rosebud ‡‡	Faulkner	600	...	...	...	...	...	...	2	33.96	5.67	Sept.	0.16	Aug.	1.5	52	159	121	86	s.
St. Francis	Clay	290	...	...	...	...	...	...	9	47.88	8.86	Sept.	0.08	June	11.6	82	245	14	107	...
Searcy	White	245	23	62.3	112	Aug. 9	2	Feb. 18	26	37.79	7.76	Sept.	0.27	Aug.	3.6	93	221	47	98	ne.
Springbank ‡‡	Miller	240	...	...	...	...	...	...	27	35.22	8.61	Dec.	0.47	June	7.0	76	176	47	143	...
Story	Montgomery	650	...	...	...	...	...	...	12	29.61	6.13	July	0.36	June	3.7	47	229	80	57	n.
Stuttgart	Arkansas	214	46	62.8	108	June 20	5[d]	Feb. 18	49	39.54	10.22	July	0.18	Aug.	7.5	83	243	65	58	n.
Subiaco	Logan	750	39	63.5	117	Aug. 10	1	Feb 18	39	32.69	6.45	Oct.	0.64	Aug.	7.9	68	176[a]	111[a]	78[a]	ne.
Texarkana	Miller	332	50	65.2	117	Aug. 10	7	Feb. 18	51	28.39	5.18	Dec.	T.	June	6.5	60	204	71	91	n.
Thornburg	Perry	650	14	60.1	113	Aug. 10	2	Jan. 28†	16	31.67	5.60	July	0.41	Jan.	6.1	70	175[b]	111[b]	78[b]	s.
Waldron	Scott	675	...	...	...	...	...	...	17	38.94	7.20	Sept.	0.11	Aug.	...	..	...	...	...	...
Whitecliffs	Little River	290	...	...	...	...	...	...	30	26.48	5.25	Dec	T.	June	...	..	...	...	...	...
Wilson	Mississippi	237	11	60.8	102[e]	July 14	0	Feb. 18	11	43.02	7.04	July	0.30	Aug.	4.5	72	250	18	98	s.
Wynne	Cross	250	28	...	...	...	...	...	28	40.54	6.64	July	0.41	Aug.	...	..	...	...	...	s.
Yancopin	Desha	167	...	...	...	...	...	...	12	43.31	10.93	July	0.27	Sept.	8.8	89	184	48	134	...

Departures from normal temperature are computed from averages of entire period for stations having 10 or more years record. Departures of precipitation with 15 years or more record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive. T., less than 0.01 inch rain or melted snow. Reference letters [a], [b], [c], appearing in the table indicate number of days missing: † Also on later dates. ‡‡Post-office addresses of these stations as follows:-Big Lake Outlet, Manilla, Ark.; Freeman Springs, Dover, Ark.; Index, Route 5, Texarkana, Ark.; Lutherville, R. F. D. No. 1, Lamar, Ark.; Rosebud, Route 2, Mount Vernon: Springbank, Doddridge, Ark.

Monthly and Annual Mean Temperatures for the Year 1936, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Amity	39.2	-4.2	36.7	-8.1	56.2	+2.2	59.2[a]	-2.6	72.0*	+2.8	81.6[a]	+4.2	83.7	+2.7	87.6[d]	+6.9	80.3[a]	+5.5	62.4	-1.0	50.6[c]	-1.6	46.2*	+3.3	62.0	+0
Batesville	33.6	-4.8	33.4	-7.4	54.8	+4.6	57.0	-1.8	68.2	+1.2	77.2	+1.8	82.4	+2.6	82.7	+3.7	75.8	+3.2	58.6	-2.0	46.2	-3.0	42.1	+2.1	59.3	0
Bee Branch	36.2	-4.8	35.4	-7.4	57.3	+5.5	59.4	-1.6	70.0	+1.7	80.2	+3.3	83.1	+2.5	85.2	+5.5	78.4	+4.2	60.0	-2.5	49.2	-1.6	43.9	+1.9	61.5	+0
Bentonville	32.0	-4.2	31.5	-8.1	53.0	+4.6	56.6	-1.0	68.9	+3.9	77.9	+4.5	84.5	+7.1	85.8	+9.0	76.0	+5.2	57.6	-1.3	44.5	-3.7	43.7	+5.7	59.3	+1
Blytheville	33.6	-8.4	34.1	-11.1	54.2	+2.6	56.0	-5.6	69.4	-0.8	78.8	+1.0	81.6	-0.4	81.8	+2.2	76.6	+2.2	61.2	-2.2	46.2	-5.2	42.6	0.0	59.7	-2
Booneville	38.0	-3.8	37.4[b]	-8.8	58.2	+5.0	61.1	-1.1	72.1	+2.3	81.4	+5.2	85.6	+3.6	88.1	+6.0	80.9	+5.3	61.4	-2.6	47.7[a]	-4.9	45.6	+1.8	63.1	+0
Brinkley	38.0	-4.4	37.4	-6.8	58.2	+4.9	60.2	-1.8	73.0	+3.0	82.0	+4.2	82.8	+1.7	84.2	+3.8	80.0	+5.2	61.9	-0.7	49.0	-2.9	46.0	+2.2	62.7	+0
Calico Rock	34.0	-3.0	34.2	-7.4	55.8	+7.6	58.5	-0.4	71.2	+4.5	81.0	+4.8	85.8	+5.2	85.8	+6.6	79.6	+6.9	60.6	0.0	48.8	-0.7	45.2	+5.9	61.7	+2
Camden	41.2	-2.8	41.4	-5.8	60.3	+5.3	62.8	-0.6	72.0*	+1.2	79.9*	+1.5	82.8*	+1.6	84.0	+3.4	81.9	+6.4	64.0[b]	+0.1	52.2	0.0	49.4*	+4.4	64.3	+1
Carthage	39.4	-5.4	39.8	-5.0	57.8	+0.8	61.4	-0.6	71.3	+2.8	80.0	+2.6	82.0	+1.2	84.6	+3.6	80.1	+5.7	61.0	-1.2	49.0	-3.2	46.5	+3.2	62.7	+0
Center Point	39.5	-5.7	40.0	-7.3	58.4	+2.4	60.5	-2.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Conway	38.2	-4.0	37.6	-6.8	58.4	+4.6	61.3	-0.8	72.0	+2.0	80.4	+2.1	84.4	+2.4	85.6	+4.0	80.8	+5.5	62.0	-1.5	49.4	-2.5	45.7	+2.9	63.0	+0
Cornerstone	39.2	-5.4	38.2	-6.0	56.7	+3.4	58.7	-4.2	69.1	-2.2	78.6	+0.5	81.2*	+0.2	82.6*	+1.9	79.5	+4.4	61.2	-1.8	49.4	-3.3	46.6	+2.3	61.8	-0
Corning	33.0	-5.2	32.6	-7.4	52.2[a]	+4.5	56.6	-3.4	70.6	+2.6	79.4	+3.4	82.6	+2.8	84.2	+5.7	76.7	+4.1	59.2	-0.8	44.4	-4.2	41.6	+1.7	59.7	+0
Crossett	41.8	-4.4	43.3	-6.1	59.7	+4.3	62.2	-2.6	71.0	-0.8	79.8	+0.4	82.0	-0.4	83.4	+1.4	81.0	+5.5	65.0	-0.8	51.8	-2.2	49.2	+2.6	64.2	-0
Dardanelle	37.6	-3.8	36.9	-7.9	58.4	+5.6	61.6	-0.7	72.4	+2.6	81.4	+3.2	83.9	+1.9	85.9	+5.1	80.4	+5.2	62.0	-1.4	49.6	-2.3	45.8	+3.4	63.0	+0
De Queen	39.8*	...	39.8*	...	59.8	...	62.0	...	72.2	...	80.0	...	82.0	...	85.4	...	81.1	...	62.1	...	50.9[a]	...	43.0	...	63.1	...
Dumas	40.8	-4.1	40.4	-8.6	60.2	+4.9	63.0	-0.6	73.2	+2.0	82.2	+2.8	83.9	+1.6	85.9	+4.4	82.4	+6.3	63.2	-2.0	50.2	-3.5	47.8	+1.2	64.4	+0
Dutton	33.4[g]	-2.6	32.6	-6.2	51.2	+4.2	53.8[a]	-2.4	64.2	+1.0	72.7	+1.3	78.8	+3.4	79.7	+5.1	73.5	+4.8	55.6	-1.8	44.4	-3.0	41.2	+3.8	56.8	+0
El Dorado	43.6	-2.8	43.6	-5.4	62.0	+5.8	64.8	0.0	73.6	+2.2	82.8	+3.2	84.2	+1.8	87.0	+4.8	82.6	+5.4	65.0	-1.0	52.9	-2.3	49.8	+3.0	66.0	+1
England	39.0*	-4.4	37.9*	-8.9	56.2[b]	+1.8	59.4[a]	-3.4	69.2[a]	-0.6	80.6*	+2.6	81.6*	0.0	84.6[b]	+3.8	81.6[d]	+6.2	62.6[c]	-1.4	50.5	-2.7	47.4	+3.4	62.6	-0
Eureka Springs	33.5	-5.1	33.0	-8.2	54.7	+4.6	57.6	-1.4	69.2	+2.8	79.2	+4.8	85.3	+6.7	86.9	+8.5	76.1	+4.1	57.6	-3.2	47.2	-3.7	44.3	+4.5	60.4	+1
Fayetteville	33.8	-4.6	33.2	-7.2	54.8	+5.3	57.2	-1.2	68.9	+2.7	79.0	+4.6	84.3	+5.9	85.9	+7.7	76.5	+4.4	58.2	-2.6	46.3	-3.2	44.3	+4.3	60.2	+1
Fordyce	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	50.6	...	47.4	...	...	...
Fort Smith	37.0	-2.5	35.9	-6.9	57.8	+5.2	60.8	-1.0	73.1	+3.5	82.2	+4.7	86.4	+4.9	88.4	+7.9	79.8	+5.4	61.6	-1.2	47.8	-3.2	45.8	+3.7	63.0	+1
Gilbert	...	...	...	...	...	...	...	...	...	...	77.0	...	82.4	...	81.8	...	75.4	...	57.2	...	44.6	...	42.2	...	...	...
Grannis	38.6	-3.4	38.3	-7.3	56.8	+5.4	59.4	-1.0	69.6	+2.6	77.8	+2.4	80.2	+0.8	83.2	+3.8	78.1	+4.5	59.8	-3.0	48.6	-2.4	45.6	+1.0	61.3	+0
Gravette	30.4	-6.7	28.9	-10.2	51.2	+5.2	55.8	-1.4	69.2	+3.8	79.0[a]	+5.3	85.6	+7.8	86.4	+8.8	75.4	+4.6	55.6	-4.1	42.9[a]	-6.1	43.2*	+5.0	58.6	+1
Harrison	33.4	-3.5	32.6	-6.4	53.2	+4.6	55.8	-1.7	69.0	+3.2	78.7	+5.3	84.8	+7.4	86.0	+9.0	76.4	+6.2	57.9	-1.5	45.4	-3.3	43.0	+5.0	59.7	+2
Helena	38.8	-4.4	39.7	-5.4	59.4	+5.8	60.6	-2.1	72.4	+1.6	79.8	+1.4	80.8	-0.8	83.0	+2.4	79.3	+3.9	62.2	-1.4	49.5	-3.5	47.2	+2.6	62.7	0
Highland	41.4	...	39.2	...	59.2	...	59.4	...	72.4	...	82.2	...	83.3	...	86.1	...	81.3	...	64.0	...	51.2[b]	...	48.2	...	64.0	...
Hope	40.8	-4.9	41.0	-7.4	60.0[g]	+3.4	63.0	-1.0	71.0[i]	0.0	82.0	+3.0	82.7	+0.9	86.3*	+3.9	79.8[a]	+3.2	62.6	-3.3	49.6	-4.6	47.4	+0.4	63.8	-0
Hot Springs	41.8	-1.8	40.2	-6.8	59.2	+5.5	62.4	-0.4	73.4	+3.6	83.8	+5.6	85.0	+3.2	88.4	+7.8	81.0[d]	+5.8	63.4[b]	-1.0	50.6*	-2.2	47.4	+3.3	64.7	+1
Jonesboro	35.1	-5.5	34.2	-8.2	57.0	+4.8	58.6	-2.8	71.2	+1.7	80.6	+2.9	83.8	+3.2	84.4	+4.3	77.2	+2.7	60.6	-2.0	48.0[d]	-3.2	43.8	+2.4	61.2	0
Lead Hill	31.8	-6.6	30.7	-7.7	52.3	+3.5	56.3	-3.1	67.9	+0.5	78.5	+3.1	84.6	+4.4	85.0	+6.2	77.2	+5.0	59.0	-1.8	45.0	-3.4	41.8	+2.0	59.2	+0
LITTLE ROCK	38.2	-3.2	36.8	-8.1	58.0	+5.0	59.8	-2.3	72.2	+1.9	80.7	+3.3	82.6	+1.7	84.9	+5.1	79.4	+5.3	62.2	-1.4	49.6	-2.5	46.1	+1.9	62.5	+0
Lutherville	36.4	-3.9	35.5	-6.9	57.0	+5.4	59.7	-0.6	70.8	+2.8	79.9	+3.8	85.0	+4.9	87.0	+7.3	79.6	+5.6	61.0	-1.3	48.6	-2.4	45.0	+3.6	62.1	+1
Magnolia	45.4	-2.2	45.0	-6.4	62.5	+5.7	64.8[a]	+0.2	73.0	+1.6	81.0[c]	+1.6	83.2	+0.6	85.6	+3.1	82.0	+5.4	64.4	-2.5	52.8[b]	-2.2	51.0	+3.0	65.9	+0
Malvern	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	49.4	-2.6	...	...	...	...
Mammoth Spring	33.2	-4.6	31.8	-8.5	55.2	+5.4	57.2	-2.0	69.4	+3.4	78.2	+3.8	83.8	+5.2	83.6	+6.1	77.4	+6.0	59.8	+0.6	46.0	-2.7	43.2	+3.8	59.9	+
Marianna	38.6	-3.9	37.8	-8.0	58.2	+4.2	60.7	-1.6	72.8	+2.6	80.8	+2.2	82.5	+1.3	83.4	+3.4	79.3	+5.2	61.3[c]	-2.2	48.4*	-3.9	47.5*	+3.8	62.6	+
Marked Tree	33.8	-5.7	33.4	-10.2	55.6	+5.2	56.5	-4.7	71.6	+2.6	79.8	+1.8	81.8	+0.7	82.7	+3.5	76.7	+3.1	59.9	-1.3	46.5	-2.7	43.2	+2.0	60.1	-
Marshall	...	...	31.6[c]	-11.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mena	38.6	-3.0	37.6	-6.6	57.9	+5.6	60.6	-0.9	70.4	+1.8	80.7	+4.1	82.2	+2.0	86.6	+6.7	79.0	+5.0	60.4	-2.6	48.5	-3.7	46.0	+3.4	62.4	+
Morrilton	37.8*	-3.5	36.0	-9.4	58.2	+7.4	61.0	-1.2	70.7	+1.7	80.8	+2.2	83.8[c]	+0.9	86.7[f]	+5.0	79.6	+4.6	63.8	+0.6	50.6	-0.3	45.6	+1.9	62.9	+
Mountain Home	32.7	-5.4	31.4	-10.9	54.0	+4.0	56.2	-2.7	69.8	+3.7	79.4	+4.4	85.5	+6.3	85.0	+7.0	77.4	+5.7	59.2	-1.3	46.3	-2.3	42.8	+2.4	60.0	+
Mount Ida	37.5	-3.9	37.8	-7.8	56.6	+4.4	58.8	-2.4	68.8	+0.8	78.2	+2.2	80.6	+0.6	83.1[b]	+3.7	78.6	+5.4	59.4	-2.4	46.4	-4.2	44.3	+1.5	60.8	-
Nail	31.2	-5.0	30.6	-6.1	...	...	...	...	...	...	...	...	79.2	+3.7	81.4	+5.0	71.8	+2.1	...	...	...	...	...	...	...	...
Newport	35.8	-4.0	35.8	-6.2	57.0	+4.7	59.4	-2.6	70.7	+0.9	79.2	+1.3	83.3	+2.0	84.2	+4.2	77.9	+3.7	60.8	-1.2	48.0	-3.0	44.0	+1.8	61.3	+
Okay	40.6	...	40.5	...	59.8	...	62.4	...	71.6	...	79.6	...	83.1[b]	...	87.0*	...	82.0*	...	65.0[d]	...	50.6[b]	...	48.7	...	64.2	...
Ozark	36.2	-4.6	36.2	-7.2	57.6*	+5.2	60.5	-1.5	71.8	+2.2	81.4	+3.5	86.6	+4.5	88.0	+6.8	79.4	+3.7	61.4	-2.1	47.6	-3.8	44.6	+3.4	62.6	+
Pine Bluff	41.2	-2.7	40.2	-6.3	59.9	+5.1	62.9	-0.7	72.5	+1.1	82.2	+3.0	82.2	-0.2	85.1	+3.3	82.0	+6.8	64.1	-0.5	51.8	-1.5	47.8	+2.7	64.3	+
Pocahontas	32.9	-6.0	32.2	-9.4	55.2	+4.2	56.9	-3.3	69.6	+1.3	79.4	+2.8	82.8	+2.4	83.0	+3.6	76.6	+3.2	59.7	-2.0	46.6	-3.5	41.8	+1.6	59.7	-
Portland	41.2	-5.8	40.8	-8.9	59.8	+3.1	62.5	-2.1	72.2	+0.6	80.6	+1.2	82.0	+0.2	83.2	+1.8	80.1	+3.8	63.3	-1.6	51.0	-3.3	49.0	+1.4	63.8	-
Prescott	42.0	-2.6	42.0	-5.4	60.9	+5.3	64.0	+0.5	73.2	+2.8	82.4	+3.6	83.2	+1.1	85.8	+4.2	81.2	+5.0	63.6	-1.3	51.2	-3.0	48.8	+3.0	64.9	+
Rogers	32.8	-4.6	33.1	-6.4	54.3	+5.3	58.0	-0.5	68.9	+3.1	78.2	+4.6	85.2	+7.6	85.9	+8.5	76.4	+5.2	57.8	-2.0	46.0	-3.0	43.6	+4.6	60.0	+
St. Charles	...	...	...	...	...	...	...	...	...	...	80.5	...	83.2[a]	...	83.4	...	...	...	61.6	...	49.5	...	46.8	...	...	...
Searcy	37.2	-3.6	36.4	-8.7	57.4	+5.2	59.8	-1.9	71.6	+3.1	80.0	+2.7	83.8	+2.8	85.6	+5.5	79.4	+5.1	61.6	-1.0	48.9	-2.1	45.6	+2.8	62.3	+
Stuttgart	39.0	-4.0	37.9[b]	-7.3	58.2	+4.4	60.7	-1.7	72.0	+2.1	80.6	+2.6	81.6	+0.4	83.7	+3.0	80.8	+5.7	62.4	-1.0	50.2	-2.2	46.8	+2.8	62.8	+
Subiaco	38.0	-3.7	36.9	-6.9	58.1	+5.1	60.7	-1.1	72.8[a]	+2.9	83.0	+5.2	86.4	+4.4	88.7	+7.1	80.2	+5.9	61.5	-2.1	49.2	-3.6	46.5	+3.8	63.5	+
Sunset	32.7	...	32.0[a]	...	53.2	...	56.5[t]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Texarkana	41.1	-5.2	41.2	-7.2	60.6	+4.4	62.4	-1.8	73.2	+1.8	82.8	+3.7	84.0	+1.5	88.5	+6.2	82.9	+6.1	63.5	-2.3	52.2	-3.0	50.1	+3.2	65.2	+
Thornburg	36.0	-4.7	35.6	-8.8	54.6	+2.9	56.6[b]	-3.6	68.4	+1.0	77.1	+1.7	80.0[a]	+0.2	84.2	+5.0	79.3	+6.7	59.1	-2.6	46.7	-4.1	43.8	+2.7	60.1	-
Warren	40.6[c]	-4.8	...	...	...	...	64.4[c]	+0.8	73.0[c]	+1.6	81.8[i]	+2.5	82.7	+0.3	86.2	+4.6	...	...	...	...	...	...	...	...	...	...
Wilson	35.4	-6.3	35.4	-9.8	56.2	+4.1	57.5	-3.5	70.8	+1.4	78.8	+1.9	83.0[b]	+2.2	82.7	+4.1	77.4	+3.6	60.8	-2.0	47.1	-3.4	43.9	+2.1	60.8	-
Wynne	...	...	...	...	...	...	59.2	-2.2	70.8	+1.5	78.2	+0.4	...	...	...	...	77.6	+3.1	61.2	-1.3	...	...	45.2	+3.2	...	...

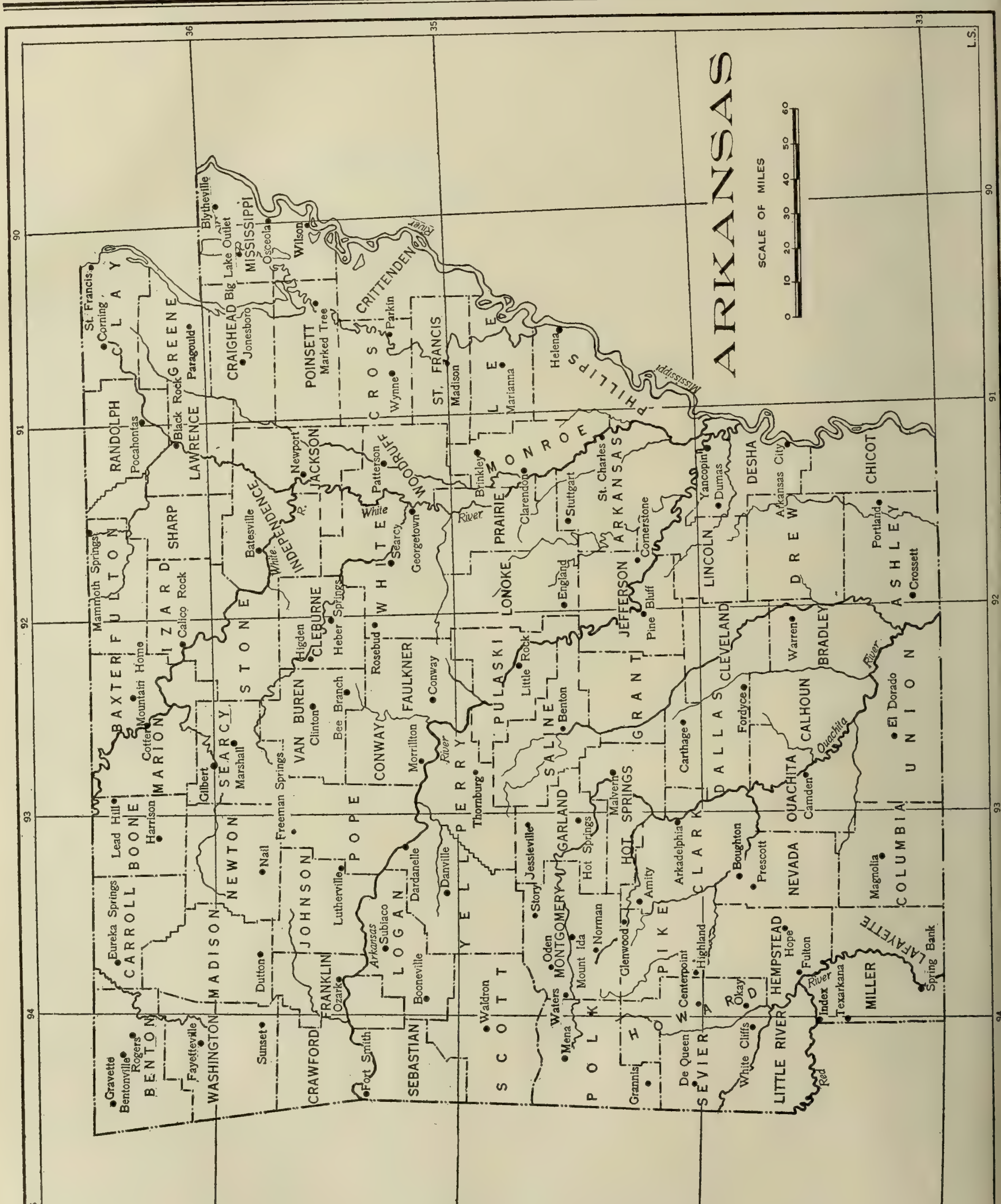
Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers	Stations	Observers	Stations	Observers
Amity	J. W. Campbell	Danville	J. M. Patterson	Index	W. E. McDowell	Patterson	W. E. Baker
Arkadelphia	Mrs. Ted R. Carpenter	Dardanelle	Geo. N. Goodier	Jessieville	U. S. Forest Service	Pine Bluff	Miss Theresa Sch
Arkansas City	Herbert Neff	De Queen	E. B. Smith	Jonesboro	Benedictine Sisters	Pine Ridge	J. R. Huddleston
Batesville	Mrs. C. M. Barnwell	Dumas	Ben Johnson	Lead Hill	J. H. Crosswhite	Pocahontas	Benedictine Siste
Bee Branch	J. E. Scanlan	Dutton	J. M. Ricketts	Little Rock	U. S. Weather Bureau	Portland	W. E. Edmiston
Benton	S. A. Burks	El Dorado	E. W. Gaston	Lutherville	H. G. Lenhardt	Prescott	Craig Williams
Bentonville	U. S. Weather Bureau	England	Dr. R. H. Hardin	Madison	J. W. Eppes	Rock Springs	Soil Cons. Service
Big Lake Outlet	C. J Brooks	Eureka Springs	Geo. W. Nichoalds	Magnolia	State Agr. School	Rogers	Carl A. Starck
Black Rock	Vernon C. Howe	Fayetteville	University of Ark.	Mammoth Spring	S. F. Whittaker	Rosebud	Miss Clarice Madd
Blytheville	Samuel Norris	Fordyce	M. G. Taylor	Marianna	C. N. Houck	St. Charles	U. S. Biol. Survey
Booneville	F. H. Randolph	Fort Smith	U. S. Weather Bureau	Marked Tree	Chas. Walton	St. Francis	A. Boyce Boyd, J
Boughton	Harry Buie	Freeman Springs	R. J. McCuiston	Mena	E. W. St. John	Searcy	Walter Smith
Brinkley	Robt. J. Torry	Fulton	T. J. Logan	Monticello	Soil Cons. Service	Springbank	Henry Field
Calico Rock	William Jones	Georgetown	Mrs. W. R. Owens	Montongo	Soil Cons. Service	Story	S. C. Story
Camden	J. M. Knight	Gilbert	F. J. King	Morrilton	Mrs. Freda Ashcraft	Stuttgart	Mrs. B. E. Swim
Carthage	P. K. Wylie	Glenwood	C. A. Price	Mountain Home	B. S. Halbert	Subiaco	New Subiaco Abb
Center Point	John C. Floyd	Grannis	W. E. McVay	Mount Ida	G. A. Whittington	Texarkana	H. S. Brashear
Clarendon	R. M. Wheatley	Gravette	Max W. Schmidt	Nail	Charles Paxton	Thornburg	Edward E. Holme
Clinton	A. L. Stephens	Harrison	Louis R. Keck	Newport	J. D. Henderson	Waldron	Dr. Cheves Bevil
Conway	E. E. Cordrey	Heber Springs	R. L. Black	Norman	U. S. Forest Service	Warren	Miss Sue Hoyle
Cornerstone	P. B. Hutchens	Helena	James A. Burnett	Oden	U. S. Forest Service	Whitecliffs	L. M. Snead
Corning	Winfred D. Polk	Higden	Trumon Brown	Okay	Charles R. Jackson	Wilson	D. O. Anderson
Cotter	O. B. McSpadden	Highland	J. O. Cooley	Ozark	Orkney O. Milton	Wynne	B. M. Eddins
Crossett	R. R. Reynolds	Hope	Experiment Farm	Paragould	W. R. Heagler	Yancopin	W. E. Barton
		Hot Springs	National Park Service	Parkin	Carroll King		

Monthly and Annual Precipitation for the Year 1936, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Preci	Departure
Amity	0.68	-3.76	1.32	-2.08	1.50	-2.60	3.13	-1.97	2.74	-2.66	1.97	-2.84	3.37	+0.12	0.00	-3.95	4.02	+0.54	4.50	+1.24	2.72	-0.77	5.41	+1.24	31.36	-17.49
Arkadelphia	1.02	-3.81	1.58	-2.03	2.80	-1.67	2.09	-2.78	2.18	-2.95	0.41	-4.17	2.68	-1.01	0.10	-3.53	1.71	-1.63	4.49	+1.07	2.86	-0.69	4.94	+0.06	26.89	-23.14
Arkansas City	3.50	-1.05	2.28	-2.04	3.87	-1.33	4.24	-0.96	2.46	-2.51	1.49	-2.13	5.39	+1.75	0.09	-3.87	0.60	-2.35	3.79	+1.17	3.92	+0.14	6.08	+0.10	37.71	-13.08
Batesville	0.93	-3.75	2.28	-1.16	2.89	-1.39	2.71	-2.04	2.03	-2.96	1.12	-2.80	3.98	+0.16	0.45	-3.96	5.53	+1.78	5.06	+1.87	1.37	-2.06	5.88	+1.96	34.23	-14.25
Bee Branch	0.42	-4.13	2.19	-0.85	1.42	-2.95	2.45	-2.40	1.74	-3.32	0.69	-3.80	4.75	+1.34	0.05	-3.98	4.10	+0.90	5.73	+2.17	1.52	-2.14	5.80	+1.63	30.86	-17.54
Benton	1.24	......	1.81	......	3.11	......	2.41	......	1.27	......	1.52	......	2.27	......	0.69	......	2.16	......	4.39	......	3.32	......	5.11	......	29.30	......
Bentonville	0.32	-2.42	1.34	-0.81	1.16	-2.41	1.45	-3.41	2.75	-2.18	1.59	-3.73	0.18	-3.52	0.08	-4.10	10.32	+6.54	4.13	+0.63	2.31	-0.83	3.25	+0.88	28.88	-15.36
Big Lake Outlet ‡‡	1.26	......	1.97	......	2.87	......	2.98	......	1.44	......	1.51	......	5.91	......	0.35	......	4.29	......	5.86	......	3.82	......	4.77	......	37.03	......
Black Rock	0.36	-4.25	1.58	-1.67	2.97	-1.39	2.92	-2.10	2.88	-1.85	1.75	-2.00	5.43	+1.69	1.78	-2.32	5.77	+1.82	4.78	+1.40	2.11	-1.80	4.64	+0.54	36.97	-11.94
Blytheville	0.94	-4.98	1.87	-0.91	3.27	-2.07	2.84	-1.72	3.34	-0.58	0.59	-3.47	6.14	+2.92	0.32	-4.59	6.46	+3.01	5.77	+2.25	3.94	-0.29	4.45	+0.11	39.93	-10.32
Booneville	0.81	-2.79	1.26	-1.34	1.85	-2.18	1.58	-2.72	2.56	-3.12	1.10	-3.10	1.88	-1.67	0.13	-3.95	5.19	+2.16	7.51	+4.23	3.10	-0.14	4.35	+1.31	31.32	-13.31
Boughton	1.26	......	1.74	......	1.60	......	2.45	......	1.90	......	0.70	......	4.94	......	0.32	......	2.40	......	4.27	......	2.51	......	4.87	......	28.96	......
Brinkley	1.15	-4.04	1.65	-2.55	2.94	-2.35	2.02	-3.44	1.49	-3.90	0.44	-3.29	9.28	+5.00	0.13	-3.54	1.55	-2.43	6.61	+3.09	4.39	+0.43	5.60	+0.49	37.25	-16.53
Calico Rock	0.53	-3.94	1.63	-1.13	1.37	-2.67	4.23	-0.13	1.35	-3.30	0.54	-3.04	3.45	+0.51	0.59	-3.86	7.66	+4.29	7.77	+4.88	2.45	-1.06	5.00	+1.42	36.48	-8.03
Camden	1.30	-3.44	1.56	-2.29	3.31	-1.32	1.82	-2.96	3.79	-0.93	1.54	-2.67	4.49	+0.48	0.14	-3.14	1.61	-1.60	4.45	+1.46	4.85	+0.91	8.50	+3.33	37.36	-12.17
Carthage	1.19	-3.69	1.68	-1.98	2.75	-1.95	1.95	-3.19	4.16	-0.52	0.46	-3.64	3.69	-0.33	0.13	-2.65	2.56	-0.89	4.72	+1.65	2.74	-0.70	5.35	+0.23	31.38	-17.86
Center Point	0.15	-4.07	1.70	-1.76	0.51	-4.09	2.03	-3.10	2.36	-3.65	1.21	-2.62	......	......	......	......	......	......	......	......		......	......	......	......	......
Clarendon	1.50	-3.14	1.36	-2.56	2.96	-1.98	2.26	-3.05	1.92	-2.64	0.97	-2.62	6.65	+3.06	0.33	-3.35	2.11	-1.33	3.39	+0.15	3.65	-0.20	5.63	+0.58	32.73	-17.08
Clinton	0.53	-4.04	2.10	-0.87	2.24	-2.32	2.78	-1.68	1.29	-3.54	0.66	-3.03	3.84	+1.27	0.03	-4.55	6.70	+3.02	5.49	+1.14	1.49	-1.95	6.40	+2.41	33.55	-14.14
Conway	1.07	-3.64	2.57	-0.89	1.68	-2.60	3.50	-1.55	2.33	-2.73	3.23	-0.65	9.26	+5.72	0.21	-3.36	2.65	-0.82	5.11	+1.69	4.11	+0.51	5.56	+1.32	41.27	-7.00
Cornerstone ‡‡	1.32	-3.81	0.88	-2.91	2.71	-2.00	2.15	-2.36	0.86	-3.24	0.69	-3.26	10.98	+6.98	0.61	-2.16	0.30	-3.29	3.80	+0.46	5.98	+2.35	6.03	+0.43	36.31	-12.81
Corning	0.91	-3.82	1.07	-2.28	1.99	-2.37	4.59	+0.51	0.91	-3.82	0.70	-3.37	7.23	+3.83	0.44	-3.85	3.43	-0.21	6.23	+2.85	2.78	-0.98	4.56	+0.69	34.84	-13.84
Cotter	0.61	......	2.26	......	1.13	......	4.58	......	1.21	......	1.00	......	2.04	......	0.80	......	8.56	......	6.12	......	1.26	.	3.07	......	32.64	......
Crossett	4.59	-0.19	1.92	-1.82	2.11	-3.03	2.14	-3.55	1.94	-2.71	0.76	-3.16	7.29	+2.84	1.91	-1.41	1.22	-1.40	3.96	+0.46	6.41	+2.53	5.60	-0.46	39.85	-11.90
Danville	0.65	-3.29	1.69	-1.18	1.72	-2.02	3.18	-1.19	2.07	-3.72	2.15	-2.14	5.53	+2.07	0.15	-3.89	3.01	-0.38	5.90	+2.06	2.09	-0.98	5.70	+2.21	33.75	-12.45
Dardanelle	0.41	-3.21	1.87	-1.01	2.24	-1.74	2.20	-1.95	2.18	-3.01	1.92	-1.76	6.57	+3.48	0.27	-3.36	3.17	-0.12	5.94	+2.54	1.97	-1.34	6.06	+2.49	34.80	-8.99
De Queen	*0.36	......	1.08	...	0.05	......	2.03	......	7.48	......	0.55	......	8.88	......	0.09	......	5.60	......	3.84	......	2.43	. .	4.46	..	36.85	......
Dumas	3.45	-1.57	2.11	-2.50	3.18	-2.58	1.58	-3.22	0.79	-2.68	0.57	-3.24	11.69	+7.08	0.20	-3.39	0.29	-2.60	4.86	+1.64	3.77	-0.43	8.59	+2.30	41.08	-11.19
Dutton	0.68	-3.10	1.80	-1.07	1.50	-2.51	2.81	-2.89	5.65	-0.16	2.29	-3.21	1.47	-2.56	0.20	-4.06	13.22	+9.09	5.75	+2.02	2.79	-0.54	4.22	+0.57	42.38	-8.42
El Dorado	1.90	-2.83	1.17	-2.43	3.49	-1.47	1.39	-3.84	4.36	+0.88	0.47	-3.22	5.81	+1.77	1.76	-1.24	0.92	-2.23	3.47	+1.15	4.45	+0.39	7.22	+1.61	36.41	-13.06
England	*0.66	-4.24	*1.69	-2.11	6.03	+1.19	2.90	-2.67	2.14	-2.35	0.91	-2.92	5.67	+2.38	0.25	-3.39	0.83	-2.94	5.57	+2.44	4.27	+0.48	5.91	+0.97	36.83	-13.16
Eureka Springs	0.30	-2.90	1.59	-0.87	1.57	-2.41	2.49	-2.43	4.00	-1.59	1.84	-3.54	1.06	-3.24	0.66	-4.31	10.37	+6.15	5.32	+1.61	1.25	-1.85	3.14	+0.34	33.59	-15.04
Fayetteville	0.13	-2.87	1.54	-0.66	0.94	-2.76	1.85	-2.74	2.32	-2.97	0.74	-4.00	1.76	-2.15	0.95	-3.09	10.92	+7.37	3.73	+0.03	1.57	-1.30	2.82	+0.12	29.28	-15.02
Fordyce	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	5.28	......	7.21	......	......	......
Fort Smith	0.22	-2.32	0.87	-1.77	0.75	-2.26	0.73	-3.21	1.96	-2.86	2.39	-1.33	1.12	-2.25	0.50	-2.78	8.08	+5.09	4.03	+1.04	1.09	-1.78	3.10	+0.34	24.84	-14.09
Freeman Springs ‡‡	0.97	-3.59	1.66	-1.36	1.26	-3.23	1.74	-3.52	2.06	-3.66	2.24	-2.66	2.69	-1.04	0.49	-3.54	13.52	+8.37	6.41	+1.10	2.74	-1.07	6.08	+1.83	41.86	-12.37
Fulton	1.08	-3.55	1.18	-2.25	0.89	-3.45	1.65	-3.02	3.65	-1.00	0.46	-3.70	2.41	-1.34	0.10	-3.10	4.27	+1.62	3.64	+0.78	1.73	-1.77	4.49	+0.27	25.55	-20.51
Georgetown	1.40	-3.62	2.19	-1.49	2.36	-2.33	2.30	-2.91	2.60	-2.15	0.75	-3.71	8.29	+1.93	0.00	-3.71	4.10	+0.21	6.45	+3.06	4.13	+0.34	5.81	+1.86	37.38	-13.05
Gilbert	0.41	......	1.84	......	1.45	......	3.40	......	1.74	......	1.46	......	2.21	......	0.00	......	8.16	......	5.60	......	0.10	......	4.35	......	30.72	......
Glenwood	0.82	......	1.84	......	1.70	......	2.92	......	2.16	......	2.00	......	6.03	......	0.92	......	6.15	......	4.26	......	2.29	......	5.77	......	36.86	......
Grannis	0.56	-4.24	2.14	-2.12	1.52	-3.42	2.53	-3.77	6.25	-0.18	0.27	-4.75	5.51	-0.71	0.36	-3.28	7.75	+2.93	6.02	+1.80	3.34	-0.78	6.40	+1.52	42.65	-17.03
Gravette	0.67	-2.11	0.96	-0.93	1.19	-2.43	1.42	-3.14	1.87	-3.55	0.90	-4.65	0.30	-3.87	0.20	-3.93	8.07	+4.36	3.92	+0.19	1.68	-1.48	2.73	+0.32	23.91	-21.22
Harrison	0.44	-2.73	1.62	-0.88	1.25	-2.34	3.08	-1.86	2.75	-2.46	3.41	-0.99	1.87	-2.24	0.01	-4.02	11.67	+7.64	5.28	+2.15	1.44	-1.37	3.12	+0.20	35.94	-8.84
Heber Springs	0.81	......	1.34	......	2.05	.	3.97	......	1.19	......	1.64	......	4.69	......	0.15	......	6.25	......	5.27	......	2.35	......	5.03	......	34.74	......
Helena	2.93	-2.20	1.54	-2.35	3.94	-1.77	2.27	-2.83	1.41	-3.28	1.37	-1.99	7.07	+3.37	0.11	-3.71	2.70	-0.38	5.44	+2.46	4.77	+0.33	6.90	+1.47	40.48	-10.88
Higden	0.98	-3.60	1.99	-0.69	1.13	-3.13	3.00	-1.90	1.76	-3.56	4.02	+0.05	4.24	+0.79	0.31	-4.08	5.88	+2.19	6.06	+2.61	1.75	-2.81	6.52	+2.63	37.64	-11.50
Highland	0.46	......	0.91	......	1.98	......	3.03	......	2.45	......	1.25	......	2.98	......	0.15	......	5.20	......	3.30	......	2.85	......	4.80	......	29.36	......
Hope	0.50	-4.30	1.60	-2.22	2.02	-2.66	2.55	-2.44	3.78	-1.42	1.55	-1.97	4.04	-0.32	0.75	-2.22	3.49	+0.08	4.91	+2.00	2.15	-1.61	4.70	-0.07	32.04	-17.15
Hot Springs	0.86	-4.00	1.65	-1.86	1.85	-2.58	5.91	-0.08	4.61	-1.40	1.46	-3.19	5.22	+0.62	0.41	-3.41	4.72	+1.22	4.60	+1.17	2.99	-0.91	4.54	-0.15	38.82	-14.55
Index ‡‡	0.79	-2.85	0.77	-2.04	1.20	-2.84	1.13	-3.05	2.80	-1.62	T.	-2.88	1.88	-1.46	0.75	-2.54	1.85	-0.93	3.19	+0.29	1.45	-1.45	3.30	-0.41	19.11	-21.78
Jessieville	0.60	......	1.79	......	2.04	......	3.09	......	2.61	......	0.45	......	5.08	......	1.58	......	4.02	......	4.69	......	3.56	......	5.38	......	34.89	......
Jonesboro	0.64	-4.38	1.93	-1.71	2.88	-1.68	2.02	-2.77	1.11	-3.08	0.80	-3.14	3.80	+0.51	0.73	-2.99	7.25	+3.84	4.39	+0.93	3.65	+0.26	4.19	-0.44	33.39	-14.65
Lead Hill	0.26	-2.45	1.25	-0.99	0.84	-2.80	2.36	-1.58	1.46	-3.37	0.77	-4.48	2.40	-1.05	0.22	-4.02	6.67	+3.61	3.01	-0.13	1.08	-1.68	2.14	-0.55	22.46	-19.49
LITTLE ROCK	0.93	-3.80	1.30	-2.70	2.35	-2.27	3.10	-2.09	1.24	-3.54	3.27	-0.49	7.51	+4.01	0.27	-3.48	1.92	-1.25	4.42	+1.71	3.67	-0.52	4.90	+0.76	34.88	-13.66
Lutherville ‡‡	0.58	-3.35	2.36	-0.72	2.30	-1.71	1.98	-2.86	5.06	-0.21	3.42	-1.08	2.06	-1.69	T	-3.85	7.22	+3.31	8.65	+4.65	3.74	+0.33	6.48	+2.54	43.85	-4.64
Madison	2.00	......	1.99	......	3.31	......	2.04	......	2.79	......	1.89	......	7.13	......	0.14	......	5.39	......	4.66	......	4.20	......	5.69	......	41.23	......
Magnolia	1.10	-3.46	1.10	-2.69	3.30	-1.16	0.69	-4.24	5.23	+0.76	0.27	-3.55	4.67	+1.21	T.	-3.04	1.44	-0.99	3.53	+0.68	2.69	-1.34	6.30	+1.01	30.23	-16.81
Malvern	......	......	......	......	......	......	......	......	......	......	......	......	4.70	+0.41	0.00	-3.70	......	......	......	......	2.67	-1.34	......	......	......	......
Mammoth Spring	0.38	-3.08	1.63	-1.31	1.54	-2.12	6.17	+1.31	0.61	-3.98	1.95	-2.37	3.65	-0.17	0.32	-3.95	4.64	+1.11	6.68	+3.35	2.60	-0.67	5.28	+1.90	35.45	-9.98
Marianna	2.24	-2.65	1.56	-2.38	3.28	-1.39	1.43	-3.12	1.02	-3.26	1.49	-1.98	6.32	+2.85	0.16	-3.10	1.72	-1.79	5.14	+1.89	3.98	+0.48	5.53	+0.74	33.87	-13.71
Marked Tree	0.92	-4.77	2.14	-1.68	2.89	-2.00	2.94	-2.04	1.41	-3.29	0.53	-2.69	5.72	+2.22	0.25	-3.38	5.69	+2.73	4.89	+0.94	3.64	-0.51	5.69	+1.05	36.71	-13.42
Marshall	0.42	-3.13	1.49	-1.15	1.22	-2.50	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Mena	0.74	-3.20	1.70	-1.62	3.29	-0.94	2.27	-3.44	4.59	-1.65	0.65	-4.35	3.98	+0.18	0.02	-4.32	5.14	+1.22	5.72	+1.64	2.50	-1.12	5.08	+1.11	35.68	-16.49
Monticello	......	......	......	......	......	......	......	......	......	......	.	......	......	......	0.00	......	0.70	......	4.85	......	......	......	7.07	......	......	......
Montongo	......	......	......	......	......	......	......	......	......	......	2.81	......	8.51	......	0.01	......	2.32	......	4.86	......	4.27	......	7.89	......	......	......
Morrilton	0.51	-3.35	1.92	-0.82	1.01	-2.67	4.00	-0.22	0.90	-4.01	1.75	-2.05	4.33	+1.63	0.46	-3.14	2.19	-0.80	5.11	+1.73	0.83	-2.45	4.59	+0.71	27.60	-15.44
Mountain Home	0.14	-3.19	1.82	-0.93	1.40	-2.11	4.87	+0.13	0.75	-4.26	1.04	-3.40	2.82	-1.02	0.18	-4.10	8.29	+3.99	6.29	+2.45	1.67	-1.16	4.96	+1.60	34.23	-11.95
Mount Ida	0.41	-3.93	1.88	-1.66	2.05	-2.11	2.52	-3.37	1.08	-4.85	0.66	-3.63	6.07	+2.34	0.05	-3.45	4.93	+0.81	5.19	+1.51	2.90	-1.53	4.98	+0.88	32.72	-18.99
Nail	0.33	-3.64	1.23	-1.67	......	......	.	......	......	......	......	......	1.66	-3.40	0.62	-4.00	11.94	+7.04	......	......	.	......	......	......	......	......
Newport	0.68	-4.56	1.81	-1.43	2.83	-1.59	1.92	-3.06	3.30	-1.06	2.83	-1.09	3.50	+0.41	0.04	-3.88	2.96	-0.77	4.01	+0.48	3.49	-0.15	4.62	+0.41	31.99	-16.29
Norman	0.87	......	1.91	......	1.85	......	2.82	......	1.57	......	*0.66	......	4.51	......	0.00	......	6.22	......	4.38	......	2.59	......	4.96	......	32.34	......
Oden	0.70	......	1.39	......	......	......	2.77	......	1.57	......	1.45	......	4.08	......	......	......	......	......	......	......	......	......	......	......	......	......
Okay	0.71	......	2.30	......	1.11	......	1.87	......	2.32	......	0.09	......	2.47	......	0.78	......	3.76	...	3.81	......	2.15	......	4.52	......	25.89	......
Ozark	0.92	-1.98	1.55	-0.82	1.52	-1.64	1.80	-2.28	4.43	-0.36	1.66	-2.37	1.76	-1.26	0.36	-3.37	7.63	+4.82	5.59	+2.40	1.12	-1.67	3.73	+0.72	32.07	-7.81
Paragould	0.25	-5.03	1.87	-1.86	2.59	-3.19	3.65	-1.07	1.33	-3.47	0.89	-3.17	4.01	+0.93	1.80	-2.17	3.91	+1.14	8.64	+5.69	3.13	-0.32	5.66	+1.13	37.73	-11.39
Parkin	1.50	-3.44	2.20	......	3.76	......	2.01	......	1.99	......	2.02	......	7.06	......	0.55	......	7.90	. .	4.55	......	3.73	......	6.41	......	43.68	......
Patterson	1.28	-4.04	1.86	-2.12	2.18	-2.68	2.77	-2.45	3.46	-1.60	1.95	-2.51	8.20	+4.67	0.16	-3.37	4.15	+0.95	6.39	+2.87	4.18	-0.23	6.30	+1.64	42.88	-8.87
Pine Bluff	1.28	-3.91	1.60	-2.31	3.37	-1.80	2.52	-2.99	1.70	-2.97	0.22	-3.70	14.16	+10.60	0.33	-3.10	0.91	-2.70	3.54	+0.24	4.55	+0.55	6.00	+0.44	40.18	-11.65
Pine Ridge	0.53	-4.07	1.63	-1.91	4.14	-0.61	2.76	-2.70	4.25	-1.02	1.32	-3.17	4.47	+0.84	0.80	-1.58	4.10	+1.13	5.41	+0.73	2.42	-1.83	4.89	+0.44	36.72	-13.75
Pocahontas	1.11	-3.44	1.73	-1.61	1.63	-2.73	3.28	-1.57	2.13	-2.75	0.75	-3.61	6.56	+2.45	2.02	-2.83	4.37	+0.69	5.11	+1.67	1.30	-2.21	4.33	+0.30	34.32	-15.64
Portland	3.55	-1.14	2.25	-1.92	3.50	-1.67	1.65	-3.08	1.58	-3.77	0.21	-3.26	3.25	-0.85	0.96	-2.25	1.35	-1.14	3.37	+0.52	5.53	+1.60	5.32	-0.85	32.52	-17.81
Prescott	0.83	-3.91	1.65	-2.05	2.54	-1.96	2.26	-2.66	2.70	-2.35	0.27	-3.98	9.06	+5.07	0.33	-2.98	0.54	-2.81	3.76	+0.66	2.41	-1.22	5.29	+0.65	31.55	-17.54
Rock Springs	......	......	......	......	......	......	......	......	......	......	1.38	......	6.84	......	0.00	......	1.06	......	5.70	......	4.69	......	7.51	......	......	......
Rogers (near)	0.18	-2.48	1.40	-0.47	0.85	-2.55	3.54	-0.90	3.54	-1.52	3.39	-1.73	0.04	-4.40	0.31	-3.59	9.66	+5.87	2.98	-0.25	1.04	-1.88	3.38	+1.04	30.31	-12.86
Rosebud ‡‡	0.25	......	2.39	......	1.97	......	3.26	......	1.75	......	2.62	......	2.82	......	0.16	......	5.67	......	4.32	......	3.85	......	4.89	......	33.96	......
St. Charles	......	......	......	......	......	......	......	......	......	......	0.98	......	7.44	......	0.00	......	1.43	......	4.20	......	5.59	......	5.40	......	......	......
St. Francis	1.22	......	3.73	......	3.67	......	4.16	......	1.27	......	0.08	......	7.98	......	0.70	......	8.86	......	7.15	......	3.65	......	5.41	......	47.88	......
Searcy	1.22	-3.57	1.98	-1.35	1.80	-2.26	3.26	-1.07	2.33	-2.11	1.19	-2.81	4.11	+1.20	0.27	-3.78	7.76	+4.53	4.61	+1.47	4.55	+0.67	4.71	+0.47	37.79	-8.81
Springbank	1.24	-2.77	1.44	-1.96	1.71	-2.68	2.47	-2.78	6.73	+2.20	0.47	-3.19	3.08	-1.12	2.37	-0.73	1.62	-1.35	3.33	+0.66	2.15	-1.66	8.61	+3.69	35.22	-11.69
Story	0.73	-3.29	1.69	-1.77	1.87	-2.41	3.66	-2.50	1.04	-4.03	0.35	-3.27	6.13	+2.53	0.77	-2.07	2.53	-0.41	3.81	-0.04	1.69	-2.27	5.33	+0.24	29.61	-19.29
Stuttgart	1.31	-3.73	1.77	-2.21	3.41	-1.58	2.31	-2.76	2.53	-1.09	1.21	-2.54	10.22	+6.78	0.18	-3.21	1.67	-1.83	4.75	+1.30	4.29	+0.47	5.89	+0.80	39.54	-9.60
Subiaco	1.17	-2.44	1.86	-0.99	1.41	-2.32	1.97	-2.61	2.18	-3.09	1.44	-2.59	2.02	-1.35	0.64	-3.15	5.98	+2.55	6.45	+2.99	2.76	-0.33	4.81	+1.54	32.69	-11.79
Sunset	0.26	......	1.13	......	1.20	......	1.85	......	......		......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Texarkana	1.87	-2.21	1.28	-2.10	1.71	-2.55	1.59	-3.37	4.51	-0.09	T.	-3.86	2.68	-1.48	1.33	-2.29	2.75	+0.01	3.83	+0.40	1.66	-1.76	5.18	+0.83	28.39	-18.47
Thornburg	0.41	-3.99	1.53	-1.89	0.91	-2.95	3.56	-1.70	2.25	-3.49	0.60	-4.30	5.60	+1.35	1.00	-3.05	2.67	-0.83	5.57	+2.07	2.89	-0.71	4.68	+0.70	31.67	-18.79
Waldron	0.81	-3.02	1.39	-2.16	1.99	-2.28	2.40	-3.86	4.35	-1.65	1.68	-2.94	4.82	+1.14	0.11	-3.60	7.20	+4.03	6.67	+3.18	*2.80	-0.53	*4.72	+1.09	38.94	-10.10
Warren	3.39	-1.43	......	......	......	......	2.55	-2.62	3.57	-1.13	0.79	-2.93	7.80	+4.03	0.79	-2.74	......	......	......	......	......	......	......	......	......	......
Whitecliffs	*0.75	-3.15	*1.54	-1.61	1.71	-2.48	2.05	-2.99	1.59	-2.79	T.	-3.56	*2.18	-0.87	*0.76	-1.91	4.50	+1.93	3.84	+0.77	2.31	-0.72	5.25	+1.23	26.48	-16.17
Wilson	1.96	-3.71	2.03	-1.12	5.28	-0.13	2.23	-3.06	2.89	-2.11	1.03	-2.28	7.04	+3.02	0.30	-3.62	5.63	+3.47	4.43	+1.12	4.48	+0.34	5.72	+0.70	43.02	-7.38
Wynne	1.40	-3.76	*1.83	-2.85	*2.81	-2.04	2.32	-2.90	1.89	-2.83	1.88	-2.02	6.64	+2.92	0.41	-3.30	5.70	+2.19	6.22	+2.53	3.40	-0.51	6.04	+1.19	40.54	-10.38
Yancopin	3.36	-1.63	2.18	-2.04	2.43	-3.16	3.21	-0.54	1.19	-3.45	0.70	-2.68	10.98	+7.34	0.43	-2.43	0.27	-2.46	5.62	+2.50	3.68	-1.79	9.31	+2.76	43.31	-7.58


ARKANSAS
SCALE OF MILES
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BENTON
Gravette
Bentonville
Rogers
CARROLL
Eureka Springs
BOONE
Lead Hill
Harrison
BAXTER
Mountain Home
Cotter
FULTON
Mammoth Springs
RANDOLPH
Pocahontas
CLAY
St. Francis
Corning
GREENE
Paragould
CRAIGHEAD
Jonesboro
Big Lake Outlet
MISSISSIPPI
Blytheville
Osceola
Wilson
POINSETT
Marked Tree
CRITTENDEN
CROSS
Parkin
Wynne
ST. FRANCIS
Madison
LEE
Marianna
PHILLIPS
Helena
Mississippi
River
LAWRENCE
Black Rock
SHARP
IZARD
Calico Rock
MARION
WASHINGTON
Fayetteville
MADISON
NEWTON
Nail
SEARCY
Gilbert
Marshall
STONE
INDEPENDENCE
Batesville
White
R.
JACKSON
Newport
WOODRUFF
Patterson
MONROE
Brinkley
Clarendon
PRAIRIE
WHITE
Searcy
Georgetown
River
CLEBURNE
Higden
Heber Springs
VAN BUREN
Clinton
Bee Branch
Freeman Springs
JOHNSON
Lutherville
Dutton
CRAWFORD
Sunset
FRANKLIN
Ozark
POPE
CONWAY
Morrillton
FAULKNER
Conway
Rosebud
LONOKE
England
ARKANSAS
Stuttgart
St. Charles
Cornerstone
JEFFERSON
Pine Bluff
PULASKI
Little Rock
SALINE
Benton
PERRY
Thornburg
YELL
Danville
Dardanelle
LOGAN
Subiaco
Booneville
Arkansas
SEBASTIAN
Fort Smith
SCOTT
Waldron
POLK
Mena
Waters
MONTGOMERY
Oden
Mount Ida
Story
GARLAND
Jessieville
Hot Springs
Norman
HOT SPRINGS
Malvern
GRANT
PIKE
Glenwood
Amity
CLARK
Arkadelphia
Highland
HOWARD
Centerpoint
Okay
SEVIER
De Queen
Gravelly
LITTLE RIVER
White Cliffs
HEMPSTEAD
Hope
Fulton
River
Red
MILLER
Index
Texarkana
LAFAYETTE
Spring Bank
NEVADA
Prescott
Boughton
DALLAS
Carthage
Fordyce
CLEVELAND
OUACHITA
Camden
Ouachita
CALHOUN
COLUMBIA
Magnolia
UNION
El Dorado
BRADLEY
Warren
River
DREW
ASHLEY
Crossett
Portland
CHICOT
DESHA
Arkansas City
Dumas
LINCOLN
Yancopin

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1936

Stations	Jan.			Feb.			Mar.			Apr.			May.			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	7.7	4.4	6.3	6.3	4.0	5.2	8.2	4.3	6.2	8.6	3.9	6.1	7.3	3.1	4.6	5.0	3.3	3.8	5.5	3.4	3.9	4.8	3.2	3.7	5.8	3.3	4.1	6.4	3.5	4.1	6.8	4.3	5.3	12.9	4.2	7.6
ArkansasCity	25.1	3.7	15.6	16.3	8.0	13.1	29.3	17.2	25.6	41.4	29.8	37.0	40.5	12.0	21.7	11.6	4.3	8.1	7.1	0.1	3.3	-0.1	-5.0	-3.0	1.0	-4.5	-2.4	8.9	1.6	7.0	17.5	3.8	10.9	11.6	1.4	6.3
Batesville ..	6.5	4.8	5.7	6.8	5.0	5.4	7.0	5.5	6.3	15.5	6.1	7.7	8.3	5.0	6.2	5.0	3.9	4.5	5.4	3.4	4.0	3.5	3.2	3.4	18.0	3.2	5.8	17.6	6.3	10.7	17.6	5.2	9.1	12.4	5.0	7.0
Big Lake Out	4.7	4.0	4.4	4.7	4.0	4.3	6.2	4.7	5.2	10.8	5.8	8.0	6.1	4.3	5.2	4.3	3.0	3.6	6.0	2.9	4.3	3.1	2.4	2.7	4.6	2.3	3.4	4.3	2.9	3.5	8.8	4.4	6.2	6.9	4.6	5.7
Black Rock..	3.2	2.1	2.9	5.2	2.0	2.6	4.6	2.9	3.4	16.4	2.8	7.1	3.6	1.7	2.5	2.0	1.1	1.5	2.0	0.9	1.2	1.0	0.6	0.8	6.1	0.6	2.0	11.0	1.7	4.1	14.2	2.2	5.8	12.2	2.0	3.3
CalicoRock..	1.6	0.2	1.1	1.8	0.5	0.8	2.2	0.8	1.5	9.5	1.2	2.5	3.4	0.4	1.5	0.5	-0.5	0.0	1.2	-1.0	-0.5	-0.9	-1.2	-1.0	12.0	-1.2	1.2	10.8	1.6	4.8	10.8	0.5	3.7	5.8	0.5	2.1
Camden......	9.3	4.9	6.9	7.1	4.6	5.5	12.2	5.0	7.4	7.5	4.4	5.9	9.4	3.9	6.0	4.0	3.0	3.7	5.6	3.6	4.3	4.2	3.5	3.7	4.9	3.6	4.1	6.0	4.6	4.4	6.3	4.4	5.2	21.0	4.1	9.4
Clarendon...	13.1	10.0	11.8	10.4	9.5	10.0	14.4	11.2	13.2	20.8	14.0	18.4	19.7	9.4	13.7	9.2	6.5	7.7	9.6	5.7	7.3	5.6	4.7	5.1	13.6	4.6	6.4	19.1	11.7	15.6	22.8	12.0	19.3	19.7	10.4	14.7
Cotter	4.4	3.2	3.5	3.5	3.2	3.4	4.0	3.0	3.6	4.7	3.4	3.7	5.1	2.8	3.6	3.2	2.6	2.8	3.6	2.5	2.8	2.6	1.5	2.3	12.0	1.0	4.1	11.0	4.0	6.1	11.3	3.6	5.6	4.4	3.6	3.9
Danville	4.0	3.0	3.4	9.1	2.8	3.7	14.0	3.5	5.4	3.6	2.5	3.1	5.6	2.2	3.1	2.3	1.7	1.9	3.9	1.3	1.9	1.5	1.2	1.4	1.4	...	...	20.4	2.1	5.3	20.3	2.4	5.7	22.5	3.2	9.8
Dardanelle..	6.5	4.2	5.5	5.2	3.4	4.3	6.4	4.1	5.1	6.0	3.3	4.0	9.6	3.2	5.8	14.9	3.6	7.1	6.0	2.2	3.2	2.1	1.3	1.6	17.0	1.4	4.0	18.2	6.0	11.2	14.5	3.6	6.5	11.0	3.5	5.3
Fort Smith..	6.0	5.0	5.4										11.1	5.0	7.1	16.1	5.0	8.2							20.0			19.3	6.3	11.8	16.0	5.3	7.9	...	....	....
Van Buren..	7.2	5.7	6.5	6.3	4.8	5.3	7.1	5.0	5.8	5.3	4.2	4.6	12.2	4.2	7.3	17.4	4.7	8.2	7.8	3.2	4.4	3.2	2.6	2.9	21.0	2.8	5.9	20.3	6.4	11.7	16.5	4.4	7.0	10.7	4.3	5.6
Fulton	7.0	5.7	6.3	6.9	5.2	5.5	9.2	5.6	6.9	6.1	4.2	4.8	19.2	4.5	9.4	14.3	5.3	8.8	6.2	3.8	4.6	3.7	2.7	3.1	21.3	2.5	6.4	23.7	7.7	13.0	15.2	6.0	8.9	16.1	6.0	9.3
Georgetown .	7.7	5.8	7.1	5.4	3.1	3.2	6.8	3.8	5.5	13.7	4.7	8.8	7.2	1.8	4.6	1.8	-0.2	0.8	1.2	-0.7	0.1	-0.7	-1.7	-1.2	9.9	-1.7	0.7	16.2	4.4	9.9	17.8	8.7	11.4	13.9	2.6	6.4
Gilbert	3.6	3.3	3.5	3.6	3.3	3.4	3.9	3.3	3.6	8.5	3.6	4.5	4.1	3.0	3.5	3.1	2.7	2.9	2.9	2.4	2.6	2.4	2.3	2.4	11.3	2.3	3.6	9.8	3.3	4.4	6.8	3.2	4.0	6.9	3.1	4.4
Helena	32.4	6.9	21.1	24.6	11.9	18.3	38.6	27.2	33.3	50.6	39.2	47.1	43.6	14.8	22.0	14.3	7.6	10.8	11.3	4.4	7.0	4.1	-0.2	1.6	5.8	1.1	3.0	11.0	5.3	8.9	22.2	5.9	14.2	16.2	4.8	10.2
ndex	7.2	6.2	6.6	6.2	5.7	6.0	7.6	5.8	6.5	6.4	5.0	5.3	18.2	5.0	9.3	15.8	6.3	9.8	6.5	4.8	5.6	4.7	4.0	4.3	22.6	3.9	8.2	23.8	8.1	12.6	12.5	6.0	8.0	15.2	5.9	7.8
ittle Rock..	2.9	1.2	2.1	2.0	0.4	1.0	3.8	1.0	2.0	1.4	0.2	0.7	5.7	0.5	2.4	10.7	0.4	3.3	2.0	-0.9	0.0	-1.1	-1.7	-1.5	8.3	-1.8	-0.3	15.1	2.6	8.3	11.4	0.3	3.5	7.2	0.1	2.3
Madison.....	11.5	3.2	6.0	4.6	2.6	2.9	17.5	6.6	12.4	29.8	18.1	26.1	26.7	3.2	8.2	3.2	1.6	2.3	4.6	1.6	2.6	1.7	0.4	1.0	2.0	0.3	1.4	2.1	1.0	1.7	7.0	1.9	5.6	8.7	5.4	6.4
Marked Tree.	3.8	3.6	3.7	3.7	3.6	3.6	4.0	3.7	3.9	4.6	4.0	4.3	4.4	3.5	3.8	3.5	2.1	3.0	3.3	1.9	3.0	2.5	0.5	1.3	3.3	0.5	2.3	3.9	1.6	2.9	4.1	2.6	3.6	3.1	1.6	2.5
Morrilton ...	1.5	-0.9	0.4	0.2	-2.0	-1.0	1.8	-1.0	-0.1	-0.3	-2.0	-1.3	5.0	-2.1	0.8	11.0	-1.6	2.2	0.9	-3.1	-2.1	-3.2	-4.0	-3.7	11.9	-4.0	-1.7	14.9	1.7	7.7	11.2	-1.6	2.1	7.4	-1.9	0.8
Newport	3.3	1.1	2.4	4.3	1.1	1.7	4.1	2.0	3.2	12.9	2.6	6.4	4.1	1.0	2.6	0.9	-0.4	0.2	0.7	-1.0	-0.4	-1.0	-1.4	-1.2	12.5	-1.4	1.6	16.1	2.9	8.1	18.2	1.9	8.1	8.3	1.2	3.6
Ozark	2.7	1.3	1.8	1.4	0.7	0.9	2.4	1.0	1.4	1.2	0.3	0.7	6.8	0.3	2.6	12.2	0.6	3.8	2.8	-0.1	0.5	-0.1	-0.5	-0.3	16.0	-0.5	1.9	16.0	2.3	7.7	11.8	0.8	3.2	7.4	0.7	1.9
Parkin	4.4	3.2	3.8	3.7	3.4	3.5	8.8	3.7	5.6	20.9	9.3	17.1	18.6	3.3	6.0	3.2	2.1	2.8	4.8	2.1	3.1	2.4	0.8	1.4	2.6	0.8	1.9	3.2	1.4	2.5	6.1	2.7	4.9	8.2	3.8	5.3
Pine Bluff ..	6.1	4.2	5.2	4.2	2.8	3.7	7.2	3.7	5.0	4.7	2.6	3.3	9.2	3.2	5.5	14.4	3.0	6.6	4.8	1.4	2.6	1.4	0.1	0.5	9.1	0.1	1.4	18.0	5.8	11.9	14.7	3.0	7.0	9.9	2.9	5.1
St. Francis ..	5.8	4.5	5.5	9.8	4.6	5.7	12.5	6.8	8.4	17.4	6.7	12.3	6.9	3.7	5.3	3.6	2.7	3.1	8.1	2.5	3.0	2.8	2.2	2.4	13.8	2.3	6.6	15.7	4.0	9.4	19.1	5.1	11.7	12.9	4.8	7.6
Whitecliffs ..	2.8	1.4	2.3	7.5	1.4	2.5	11.3	2.3	4.7	2.6	0.8	1.5	18.6	1.2	6.1	3.7	0.0	1.0	....	....	....	....	....	....	14.4	-0.3	1.7	19.1	0.5	6.7	15.7	0.9	4.9	23.1	0.9	8.5

Continued from page 50

from 2.98 inches at Rogers to 8.65 inches at Lutherville. Except for the period from the 7th to the 10th, the picking of cotton and the gathering of other crops progressed rapidly until the 21st, but thereafter very little was accomplished due to the continued damp, rainy weather. Cotton picking was much farther advanced than usual at the opening of the month and was about completed in many localities before the rains began on the 21st. However, in the eastern lowlands a considerable amount remained in the fields at the close of the month. The soil was too wet in the northern portion for fall plowing the last of the month but generally in good condition elsewhere. There was little damage from frost and freezing temperatures.

November:—The first freeze of the season occurred on the 3d or 4th but little damage resulted as most crops were mature. Precipitation was 0.69 inch below the average, with monthly amounts ranging from 0.10 inch at Gilbert to 6.41 inches at Crossett. The first ten days of the month were generally either too wet or too cold for farm work but thereafter until about the 24th the weather was favorable. Most of the cotton which remained in the fields at the opening of the month was picked before the freezing weather the latter part. Nearly all corn has been gathered and the threshing of rice has been completed. Wheat, oats, rye, and winter pastures were sown during the month and all are in good to excellent condition. Considerable fall plowing has been done and orchards have been pruned and prepared for winter spraying.

December:—Temperatures were generally somewhat below normal the first half of December, nearly continuously above the latter half. The weather was favorable for out-door activities the first seven days of the month and during the latter part, very favorable the remainder of the time. Wheat, oats, rye, and winter truck made good growth because of the unusually mild weather, particularly during the latter half of the month. Stock was still on the range even at the close of the month and in good condition. Not much plowing was done even in upland sections, the soil being too wet most of the time. The heavy rains of the 5th and 6th caused rapid rises in the Petit Jean, Ouachita, and Little Red rivers but flood stage was reached only on the Petit Jean.

Corrections: 1936

The following precipitation departures should be inserted in respective months: Arkansas City, January −1.05; Dardanelle, October +2.54; England, October +2.44; Ft. Smith, February −1.77; Index, January −2.85; February −2.04; Lead Hill, January −2.45. Total precipitation Dutton, January, should be 0.68 inch; Pine Ridge, March 4.14 inches.

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1936

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	37.1	-4.2	83	-1	1.05	-3.17	4.59	3.5	5	14	7	10	n.
February	36.5	-7.0	89	-15	1.70	-1.59	3.73	2.4	7	12	5	12	n.
March	57.1	+4.5	88	22	2.19	-2.55	6.03	T.	7	16	7	8	s.
April	59.7	-1.8	96	17	2.64	-2.20	6.17	T.	6	15	7	8	s.
May	70.9	+1.8	96	35	2.50	-2.52	7.48	0.0	7	16	9	6	s.
June	80.0	+2.9	113	44	1.26	-2.76	4.02	0.0	3	23	5	2	sw.
July	83.3	+2.8	114	42	4.90	+1.10	14.16	0.0	6	17	9	5	s.
August	85.0	+5.0	120	43	0.44	-3.14	2.37	0.0	2	19	10	2	s.
September	78.9	+4.5	109	38	4.75	+1.35	13.52	0.0	7	12	10	8	s.
October	61.1	-1.5	93	24	5.00	+1.83	8.65	0.0	7	16	5	10	s.
November	48.5	-2.9	87	12	3.00	-0.69	6.41	0.2	5	17	5	8	n.
December	45.5	+2.8	78	13	5.32	+1.04	9.31	T.	9	11	6	14	s.
Annual	62.0	+0.6	120	-15	34.75	-13.31	14.16	6.1	71	188	85	93	s.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	-14	57.75	8.7	98	159	98	109
1893	60.7	103	-13	47.91	6.4	75	185	95	85
1894	61.3	108	-22	49.05	5.9	75	176	97	92
1895	59.8	105	-17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	-2	46.13	3.9	76	178	96	91
1898	61.4	108	-4	56.82	3.0	89	158	106	101
1899	60.6	112	-25	41.49	6.6	76	170	105	90
1900	62.0	108	-5	49.03	2.2	92	150	120	95
1901	61.1	116	-6	35.27	2.9	65	175	111	79
1902	60.5	108	-2	51.70	8.3	81	150	121	94
1903	59.3	105	-12	44.62	4.3	84	162	107	96
1904	60.5	105	-5	43.45	2.9	78	169	112	85
1905	59.6	106	-29	62.17	12.1	103	146	107	112
1906	60.3	101	-7	55.99	4.3	95	156	96	113
1907	61.9	113	-8	49.73	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	-19	44.05	6.5	83	176	93	96
1910	61.0	105	-13	45.21	11.0	84	172	109	84
1911	62.8	107	-9	49.54	1.7	95	152	117	96
1912	59.8	106	-16	45.83	7.8	81	171	110	85
1913	61.6	108	-1	54.01	5.6	89	158	107	100
1914	61.4	110	-11	42.85	8.6	82	149	109	107
1915	60.6	107	-3	53.08	4.7	82	163	81	121
1916	61.9	107	-16	42.18	6.3	75	191	76	99
1917	59.2	106	-21	40.72	12.1	75	187	74	104
1918	61.4	115	-23	44.64	18.3	75	174	76	115
1919	61.6	113	-10	54.52	3.4	91	166	75	124
1920	60.7	105	-2	54.28	2.5	90	174	74	118
1921	64.2	107	-3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	-8	37.03	7.9	74	193	68	105
1925	63.0	113	-6	42.19	2.2	74	184	81	100
1926	61.3	110	-17	49.24	6.0	88	175	79	111
1927	63.1	105	-2	65.85	2.4	99	161	85	119
1928	61.1	105	-10	50.50	0.9	86	183	76	107
1929	60.5	110	-20	46.10	13.9	98	162	83	120
1930	61.7	115	-28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	-5	51.11	4.4	95	175	85	106
1933	63.2	109	-13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	-11	57.01	3.7	93	154	90	121
1936	62.0	120	-15	34.75	6.1	71	188	85	93
Period	61.4	120	-29	48.06	5.5	85	170	92	103

EXCESSIVE PRECIPITATION FOR 1936

Station and date	Maximum amounts of precipitation										
	5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
LITTLE ROCK, ARK., June 7	0.30	0.51	0.91	1.05	1.10	1.14	1.42	1.48	1.57	1.61	1.62
July 21	0.35	0.64	1.15	1.47	2.19	2.38	2.42	2.44	2.46	2.50	2.51
Memphis, Tenn., May 11	0.44	0.58	0.66	0.66	0.66	0.66	0.66	0.66	0.66		
Sept. 3	0.35	0.46	0.71	1.03	1.50	2.09	2.47	2.59	2.69	2.86	3.07

KILLING FROSTS, 1936

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Amity	Apr. 3	Nov. 4	215	Jessieville	Apr. 7	Nov. 4	211
Arkadelphia	Apr. 3	Nov. 4	215	Jonesboro	Apr. 3	Nov. 4	215
Arkansas City	Apr. 3	Nov. 5	216	Lead Hill	Apr. 17	Nov. 4	201
Batesville	Apr. 9	Nov. 5	210	LITTLE ROCK	Apr. 3	Nov. 4	215
Bee Branch	Apr. 7	Nov. 5	212	Lutherville	Apr. 7	Nov. 4	211
Benton	Apr. 8	Nov. 5	211	Madison	Apr. 7	Nov. 4	215
Bentonville	Apr. 7	Nov. 3	210	Magnolia	Apr. 3	Nov 4	215
Big Lake Outlet	Apr. 7	Oct. 29	205	Malvern	Apr. 7	Nov. 4	211
Black Rock	Apr. 3	Nov. 4	215	Mammoth Spring	Apr. 7	Nov. 4	211
Blytheville	Apr. 3	Nov 4	215	Marianna	Apr. 3	Nov. 4	215
Booneville	Apr. 7	Nov. 4	211	Marked Tree	Apr. 3	Oct. 29	209
Boughton	Apr. 3	Nov. 4	215	Mena	Apr. 7	Nov 4	211
Brinkley	Apr. 3	Nov. 4	215	Monticello	....	Nov. 4	...
Calico Rock	Apr. 7	Nov. 4	211	Montongo	....	Nov. 4	...
Camden	Apr. 3	Nov. 4	215	Morrilton	Apr. 3	Nov. 4	215
Carthage	Apr. 3	Nov. 4	215	Mountain Home	Apr. 8	Oct. 27	202
Centerpoint	Apr. 7	....	...	Mount Ida	Apr. 24	Nov. 4	194
Clarendon	Apr. 3	Nov. 4	215	Newport	Apr. 3	Oct. 29	209
Clinton	Apr. 7	Nov. 5	212	Norman	Apr. 23	Nov. 4	195
Conway	Apr. 7	Nov. 4	211	Oden	Apr. 3	....	...
Cornerstone	Apr. 3	Nov. 4	215	Okay	Apr. 7	Nov. 4	211
Corning	Apr. 7	Nov. 4	211	Ozark	Apr. 7	Nov 4	211
Cotter	Apr. 3	Nov. 5	216	Paragould	Apr. 7	Nov. 4	211
Crossett	Apr. 3	Nov. 5	216	Parkin	Apr. 7	Nov. 4	211
Danville	Apr. 7	Nov. 4	211	Patterson	Apr. 7	Nov. 5	212
Dardanelle	Apr. 7	Nov. 4	211	Pine Bluff	Apr. 3	Nov. 5	216
De Queen	Apr. 7	Nov. 4	211	Pine Ridge	Apr. 23	Nov. 4	195
Dumas	Apr. 3	Nov. 5	216	Pocahontas	Apr. 7	Nov. 4	211
Dutton	Apr. 23	Oct. 29	189	Portland	Apr. 3	Nov.	216
El Dorado	Apr. 3	Nov. 5	216	Prescott	Apr. 3	Nov. 4	215
England	Apr. 3	Nov. 4	215	Rock Springs	....	Nov. 4	...
Eureka Springs	Apr. 6	Oct. 26	203	Rogers	Apr. 7	Nov. 3	210
Fayetteville	Apr. 7	Nov. 3	210	Rosebud	Apr. 7	Nov. 5	212
Fordyce	....	Nov. 4	...	Russellville	....	Nov. 4	...
Fort Smith	Apr. 3	Nov. 4	215	St. Charles	....	Nov. 5	...
Freeman Spr.	Apr. 6	Oct. 27	204	Saint Francis	Apr. 7	Nov. 4	211
Fulton	Apr. 7	Nov. 4	211	Searcy	Apr. 7	Nov. 5	212
Georgetown	Apr. 3	Nov. 5	216	Springbank	Apr. 3	Nov. 4	215
Gilbert	Apr. 3	Oct. 27	207	Story	Apr. 23	Nov. 5	196
Glenwood	Apr. 3	Nov. 4	215	Stuttgart	Apr. 3	Nov. 5	216
Grannis	Apr. 7	Nov. 4	211	Subiaco	Apr. 3	Nov. 4	215
Gravette	Apr. 7	Nov. 3	210	Sunset	Apr. 7	......	...
Harrison	Apr. 23	Nov. 3	194	Texarkana	Apr. 7	Nov. 4	211
Heber Springs	Apr. 7	Nov. 5	212	Thornburg	Apr. 23	Nov. 4	195
Helena	Apr. 3	Nov. 5	216	Waldron	Apr. 7	Nov. 4	211
Higden	Apr. 8	Nov. 4	210	Warren	Apr. 3	....	...
Highland	Apr. 3	Nov. 4	215	Whitecliffs	Apr. 3	Nov. 4	215
Hope	Apr. 3	Nov. 4	215	Wilson	Apr. 3	Nov. 4	215
Hot Springs	Apr. 3	Nov. 4	215	Wynne	Apr. 7	Nov. 4	211
Index	Apr. 7	Nov. 4	211	Yancopin	Apr. 3	Nov. 5	216

MISCELLANEOUS PHENOMENA, 1936

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Flood Damage			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January	....	....	....	....	....	28	8	35	9	49	14	5	4	....	....	....	....	....	....	....	....	....	....	....	....	....
February	....	....	....	....	....	24	1	33	8	56	16	56	7	....	....	....	....	....	....	....	....	....	....	....	....	....
March	4	4	3	3	$ 500	91	15	9	6	1	1	....	....	3	3	$ 5,600	4	2	0	4	$ 37,000	....	....	....	....	....
April	5	3	1	1	....	72	15	1	1	7	2	....	....	....	....	....	1	1	1	4	40,000	....	....	....	....	....
May	1	1	2	2	$ 50,000	136	19	6	4	....	....	....	....	1	1	$ 5,000	2	1	2	20	20,500	....	....	....	....	....
June	1	1	4	4	$ 50,000	130	11	2	2	....	....	....	....	3	2	$ 1,000	....	....	....	....	....	....	....	....	....	$ 5,700
July	....	....	2	1	$ 30,000	221	23	4	3	....	....	....	....	6	5	$ 16,300	2	2	0	0	9.000	....	....	$ 50,000	4	$ 9,000
August	....	....	....	....	....	110	23	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	$ 1,000
September	....	....	....	....	....	187	26	5	4	....	....	....	....	1	1	$ 200	....	....	....	....	....	....	....	....	1	....
October	....	....	....	....	....	51	11	21	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
November	....	....	....	....	....	22	3	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
December	....	....	....	....	....	28	5	75	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	$ 500
Year	11	9	12	11	$130,500	1100	160	196	68	113	33	61	11	14	12	$ 28,100	9	6	3	28	$ 106,500	....	....	$ 50,000	5	$ 16.200

W B.O., Little Rock, Ark.-3-18-37-1300.

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1937

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII Little Rock, Ark., January, 1937 No. 1

Price: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

This was the wettest January on record, being considerably wetter than the correspondingly wet months of 1916, 1930 and 1932. Rainfall was heavy in southeastern, east-central, and some southwestern sections on the 1st or 2d and nearly continuous from the 5th to the 25th. The average precipitation for the State for the 95 stations reporting was 12.61 inches which is 8.22 inches above the 47-year mean. Monthly totals ranged from 4.41 inches at Ft. Smith to 21.26 inches at Big Lake Outlet. The northwestern portion of the State received from 7.00 inches to 8.00 inches rainfall, while stations in the St. Francis River basin had from 15.00 inches to 20.00 inches. The greatest amount measured in any 24-hour period was 4.83 inches at Searcy on the 21st. The average number of days with 0.01 inch or more was 17, with a number of stations reporting more than 20 days, while the State average for any preceding wet January was 12.

Freezing rain and sleet occurred in the northwestern portion on the 8th and 9th. Ice covered the ground, timber and shrubbery were severely damaged, power and communication lines broken. The damage to telephone, telegraph, and power lines was estimated at $100,000. This was probably the worst ice storm in the history of the northwestern portion of the State.

From the 22d to the 24th freezing rain in connection with sleet was exceptionally heavy in the northern portion. The ground was coated with ice as deep as 4.0 inches in some sections. Glaze was unusually heavy in central and northern sections and was as thick as 1 1-4 inches on timber in Perry and some adjoining counties. Growing timber, shadetrees, and shrubbery were severely damaged. Telephone, telegraph, and power lines were broken and some sections were without lights and communication service for two or three days. Damage was more than $906,000 during this period.

The excessive rain from the 20th to the 25th caused rapid rises in the White, Ouachita, and St. Francis rivers. The Ouachita River at Camden reached a stage of 41.5 feet which is 0.5 foot higher than that of 1927. On the lower White River stages were considerably lower than the 1927 flood while on the St. Francis and its tributaries a serious flood was in progress at the close of the month with crest stages in February the highest ever recorded. Thousands of people were forced to leave their homes in the eastern part of the State. Refugee camps were established on Crowley's Ridge and in towns along the Mississippi River. Livestock and household goods were moved in most instances but losses were heavy as many had to be rescued in boats to escape the rapidly rising water. The National Guard and some regular Army units were called out to supervise the assembling of the refugees and the distribution of food and clothing in the camps. Losses from flood in all sections of the State will appear in the February issue.

Temperature averaged above normal in central and eastern sections but were generally somewhat below in the northwestern portion. The coldest weather occurred either about the 3d or 23d with 9° reported at Eureka Springs and Gravette on the 22d and at Lead Hill on the 27th, while temperatures were as high as 80° at Portland in a southeastern border county on the 8th. The average temperature for the State, based on the records of 61 stations, was 41.8° which is 0.5° above the 47-year mean. Of the stations for which normals have been computed, 26 had negative departures and 26 positive. Monthly means ranged from 32.4° at Gravette to 51.0° at Crossett and Portland. The greatest daily range was 46° at Eureka Springs and Fayetteville on the 8th.

T. A. M.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	1	3	.	.	4	7	5	2	2	1	9	8	13	6	1	1	5	5	8	9	2	.		.	5	.	.	1	14	12	.
Light Hail	.	..		.	.	.	.	.	.		.	..	.	.	.	.	.	.	.	.	.			.	.	.	.	.	..	.	..
Moderate Hail	..	.	.	.	.	.	.	.	.	.	.	.	.				.	..	.	..	.	.		.	.	..		.	.	.	
Thunderstorms	5	2	.		..		4	1	1	.	.	1	.		.	1	1	1	6	8	8	6	3	.	..	.	.	.	.	2	1

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level) Mean	Highest	Date	Lowest	Date	Wind Aver. hourly veloc.	Max veloc.	Direc.	Date	Relative humidity 7 a.m.	12 noon	7 p.m.	Percentage of sunshine
Bentonville	.....	30.54	10	29.48	17	7.5	24	w	8	..	..	..	35
Fort Smith	30.09	30.55	10	29.60	17	8.9	25	w	2	83	77	78	21
Little Rock	30.11	30.50	10	29.60	17	8.4	24	nw	8	88	82	84	18
Memphis	30.11	30.50	10	29.63	17	8.5	34	nw	14	88	81	84	10

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	3.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48.6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3.19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42.7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.86	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.8	80	9	12.61	0.7	17	4	3	24
Period	41.3	90	−28	4.39	1.8	7	12	6	13

Climatological Data for January, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Amity	Clark	500	42	42.6	− 0.8	72	7	22	3	35	11.91	+7.47	2.97	0.0	18	2	8	21	e.	J. W. Campbell
Arkadelphia	Clark	200	42	....	....	....	....	....	....	....	15.62	†10.79	2.45	0.0	19	2	4	25	ne.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	53	....	....	....	....	....	....	....	12.92	+8 37	2.62	T.	21	7	0	24	....	Herbert Neff
Batesville	Independence	277	38	38.4	0 0	67	7	14	27	32	13.85	+9.17	3.05	0.0	21	4	6	21	nw.	Mrs. C. M. Barnwell
Bee Branch	Van Buren	700	45	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. E. Scanlan
Benton	Saline	285	2	....	....	....	....	....	....	....	15.91	....	3.78	0.0	21	3	4	24	....	S. A. Burks
Bentonville	Benton	1295	32	33.1	− 3.1	59	20	10	22	29	7.05	+4.38	2.07	8.9	14	3	8	20	e.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	7	....	....	....	....	....	....	....	21.26	....	4.55	1.5	17	2	3	26	....	C. J. Brooks
Black Rock	Lawrence	259	36	....	....	....	....	....	....	....	13.35	+8.74	2.80	0.0	18	6	2	23	n.	Vernon C. Howe
Blytheville	Mississippi	252	12	41.2[a]	− 0.8	72[a]	14	15	23	30[a]	20.06	†14.14	4 50	0.0	18	6	6	19	n.	Samuel Norris
Booneville	Logan	465	23	39.6	− 2.2	63	14	21	23	30	5.83	+2 23	1.02	1.3	15	2	6	23	e.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	....	....	....	....	....	....	....	13 68	....	2.35	0.0	18	3	4	24	....	Harry Buie
Brinkley	Monroe	205	50	44.8	+ 2.4	71	8†	19	23	33	17.38	†12.19	4.05	0.0	21	3	1	27	se.	R. J Torry
Calico Rock	Izard	361	33	40.0	+ 3.0	69	7	16	23	32	8.51	+4.04	2.08	1.2	15	5	2	23	e.	William Jones
Camden	Ouachita	116	52	48.2[d]	+ 4.2	76	8	25[h]	23	39[h]	11.78	+7 04	2.00	0.0	21	2	2	27	se.	J M. Knight
Carthage	Dallas	297	32	44 6	− 0.2	74	8	21	23	31	16.55	†11.67	2 00	0.0	15	2	7	22	n.	P. K. Wylie
Center Point	Howard	591	38	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	John C. Floyd
Clarendon	Monroe	172	33	....	....	....	....	....	....	....	14.04	+9.40	2.70	0.0	21	1	2	28	ne.	R. M. Wheatley
Clinton	Van Buren	516	16	....	....	....	....	....	....	....	10.80	+6.23	1.72	0.0	17	2	7	22	n.	A L. Stephens
Conway	Faulkner	309	54	41.0	− 1.2	75	7	19	23	34	14.81	†10.10	2.42	0 0	17	5	4	22	e.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	26	45.2	+ 0.6	74	20	24	23	35	15.34	†10.21	2.90	0.0	16	4	6	21	n.	P. B. Hutchens
Corning	Clay	293	44	38.3	+ 0.1	67	7	14	23	29	13.23	+8.50	3.20	0.0	13	8	2	21	w.	Winfred D. Polk
Cotter	Baxter	440	10	....	....	....	....	....	....	....	7.41	+4.05	1.50	5.2	11	8	1	22	....	O. B. McSpadden
Crossett (near)	Ashley	175	25	51.0	+ 4.8	79	13	23	4	34	16.03	†11.25	3.60	0.0	20	1	4	26	n	U. S. Forest Service
Danville	Yell	327	21	....	....	....	....	....	....	....	9.46	+5.52	2 44	0.0	17	1	8	22	....	J. M. Patterson
Dardanelle	Yell	330	51	40.6	− 0 8	71	7	19	23	34	9.42	+5.80	2.52	0.0	18	2	2	27	e.	Geo. N. Goodier
De Queen	Sevier	426	2	44.5	....	71	7†	22	3	30	7.89	....	1.41	0.0	18	5	4	22	ne.	E. B. Smith
Dumas	Desha	162	32	48.0	+ 3.1	78	14	21	23	37	10.43	+5.41	1.65	T	20	3	3	25	n.	Ben Johnson
Dutton	Madison	1590	35	36 2	+ 0.2	62	7†	13	22†	36	7.13	+3.35	2.71	....	16	3	8	20	n.	J. M. Ricketts
El Dorado	Union	270	57	44.7	− 1.7	78	13*	26	23	39	13.65	+8.92	2.20	0.0	23	3	1	27	n.	E. W. Gaston
England	Lonoke	229	31	44.6	+ 1.2	75	14	20	23	40	17.16	†12.26	3.47	0.0	22	5	2	24	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	35.2	− 3.4	64	8	9	22†	46	7.65	−4.45	1.59	0.0	14	7	4	20	n.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	36.5	− 1 9	64	8	11	22	46	6.76	+3.76	1.34	7.4	15	3	8	20	ne	University of Arkansas
Fordyce	Dallas	190	9	46.2	....	74	8	23	23	32	15.88	....	3.50	0.0	22	8	0	23	n.	M. G. Taylor
Fort Smith	Sebastian	448	56	37.7	− 1 8	62	20	19	23	27	4.41	+1.87	1.04	2.1	13	3	4	24	e.	U. S. Weather Bureau
Freeman Springs ‡‡	Pope	2240	13	....	....	....	....	....	....	....	10.11	+5 55	1.91	0.0	16	6	4	21	ne.	R. J. McCuiston
Fulton	Hempstead	260	52	....	....	....	....	....	....	....	14.01	+9.38	3.87	0.0	17	4	1	26	....	T. J. Logan
Georgetown	White	200	25	....	....	....	....	....	....	....	18.87	†13.85	3.30	0.0	16	4	3	24	....	Mrs. W. R. Owens
Gilbert	Searcy	600	12	36.5	....	69	8	12	23	37	7.52	....	1.69	0.0	13	7	3	21	....	F. J. King
Glenwood	Pike	547	2	....	....	....	....	....	....	....	13.08	....	1.90	0.0	18	4	0	27	....	C. A. Price
Grannis	Polk	900	18	42.0	0.0	68	7†	18	3	33	10.53	+5.73	2.05	0.0	22	3	3	25	e.	W. E. McVay
Gravette	Benton	1250	40	32.4[a]	− 4.7	59[a]	5†	9	22†	36[a]	7.00	+4.22	....	7.0	13	8	4	19	s.	Max W. Schmidt
Harrison	Boone	1052	37	35.1	− 0.8	64	17	12	23	36	8.94	+5.77	2.30	4.0	15	9	2	20	e.	Louis R. Keck
Heber Springs	Cleburne	....	2	....	....	....	....	....	....	....	11.46	....	2.30	2.0	17	3	5	23	....	Valena Black
Helena	Phillips	300	65	46.6	+ 3.4	76	14	21	23	35	17.25	†12.09	2.26	0.0	19	3	2	26	n.	James A. Burnett
Higden	Cleburne	445	18	....	....	....	....	....	....	....	13.42	+8.84	2.44	2.5	14	5[a]	4[a]	21[a]	ne.	Trumon Brown
Highland	Pike	491	18	44.3	....	72	7	23	3†	31	10.75	+6.17	1.80	0.0	16	2	3	26	e	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	44.2	− 1.5	75	7	24	3†	32	13.04	+8.24	2 60	0.0	19	1	12	18	ne.	Experiment Farm
Hot Springs	Garland	600	46	42.8	− 0.8	70	7	19	23	30	15.10	†10.24	2.65	0.0	17	2	6	23	s.	National Park Servic
Index ‡‡	Little River	275	20	....	....	....	....	....	....	....	11.28	+7.64	3.40	0.0	15	5	2	24	....	W. E. McDowell
Jessieville	Garland	750	11	....	....	....	....	....	....	....	13.61	+7.45	....	0.0	19	0	3	28	ne.	U. S. Forest Service
Jonesboro	Craighead	345	42	40.0	− 0.6	68	7†	16	23	30	18.95	†13.93	4.41	1.0	19	4	1	26	ne.	Benedictine Sisters
Lead Hill	Boone	650	31	34.4	− 0.4	66	8	9	27	41	7.84	+5.13	2.40	5.7	15	6	7	18	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	58	41.8	+ 0 4	71	7	20	23	38	18.04	†13.31	4.56	T.	19	3	1	27	e.	U. S. Weather Burea
Lutherville ‡‡	Johnson	775	38	38.6	− 1.7	66	7	16	23	33	13.31	+9.38	3.15	T.	17	1	5	25	e.	H. G. Lenhardt
Madison	St. Francis	209	7	....	....	....	....	....	....	....	16.39	....	4.05	T	18	3	0	28	....	J. W. Eppes
Magnolia	Columbia	315	21	49.8[b]	+ 2.2	75[b]	7	25[b]	23	37[b]	10.44	+5.88	1.80	0 0	15	0[b]	5[b]	24[b]	n.	State Agri. School
Malvern	....	277	51	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	
Mammoth Spring	Fulton	600	33	38.4	+ 0 6	71	7	14	23	29	8.62	+5.16	1.62	3.0	13	6	4	21	se.	S. F. Whittaker
Marianna	Lee	235	26	47.2	+ 4.7	77	14	21	23	36	15.01	†10.12	3.55	0 0	17	3	7	21	n.	C. N. Houck
Marked Tree	Poinsett	229	33	41.0	+ 1 5	71	14	19	23†	36	20.78	†15.09	4.21	0.0	18	5	1	25	s.	Charles Walton
Mena	Polk	1207	49	40 6	− 1 0	66	8	19	3	33	9.45	+5.51	2.27	0.0	18	4	2	25	ne.	E. W. St. John
Monticello	Drew	....	2	....	....	....	....	....	....	....	8.86	....	1.74	0.0	17	.	..	..	....	Soil Conservation Ser
Montongo	Drew	....	2	....	....	....	....	....	....	....	10.69	....	1.50	0.0	14	2	2	27	n.	Soil Conservation Ser
Morrilton	Conway	315	18	41.8	+ 0 5	70	7	19	23	32	9.56	+5.70	1.60	0.0	16	3	8	20	e.	Mrs. Freda M. Ashcra
Mountain Home	Baxter	800	25	36.4	− 1.7	67	8	12	23	39	7.81	+4.48	2.56	4.2	11	4	1	26	e.	B. S. Halbert
Mount Ida	Montgomery	702	38	40.4	− 1.0	71	7	17	4	40	12.90	−8.56	2.40	0.0	17	3	2	26	e.	G. A. Whittington
Newport	Jackson	231	54	41.0	+ 1.2	70	7	22	22†	26	16.59	†11.35	4.52	T.	20	3	5	23	s.	J. D. Henderson
Norman	Montgomery	687	9	....	....	....	....	....	....	....	11.75	....	3.00	0.0	13	3	4	24	ne.	U. S. Forest Service
Okay	Howard	288	9	44.8	....	76	7	25	4	29	10.48	....	1.71	0.0	21	3	3	25	n.	Charles R. Jackson
Ozark	Franklin	396	42	39.3	− 1 5	60	20†	20	4†	30	5.79	+2.89	0 91	0.1	14	2	6	23	se.	Orkney O. Milton
Paragould	Greene	275	14	....	....	....	....	....	....	....	19.11	†13.83	4.64	T.	16	5	8	18	sw.	W. R. Heagler
Parkin	Cross	222	7	....	....	....	....	....	....	....	16.56	....	3.35	0.0	17	3	4	24	....	Carroll King
Patterson	Woodruff	204	21	....	....	....	....	....	....	....	17.87	†12.55	3.82	0.0	17	3	3	25	n.	W. E. Baker
Pine Bluff	Jefferson	215	50	45.4	+ 1.5	74	8†	21	23	32	15.50	†10.31	3.84	0.0	22	2	6	23	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	13	....	....	....	....	....	....	....	10.04	+5.44	2.76	0.0	14	5	1	25	e.	J R. Huddleston
Pocahontas	Randolph	300	44	39.5[a]	+ 0 6	68	7	13	23	30	11.51	+6.96	1.90	0.0	15	4	1	26	n.	Benedictine Sisters
Portland	Ashley	122	31	51.0	+ 4.0	80	8	26	23	41	12.10	+7 41	2.15	0.0	19	3	3	25	nw.	W E. Edmiston
Prescott	Nevada	318	49	45.2	+ 0.6	75	7	22	23	29	14.76	†10.02	2.40	0.0	21	2	1	28	n.	Craig Williams
Rock Springs	Drew	....	2	....	....	....	....	....	....	....	13.70	....	2.80	0.0	14	6	0	25	s.	Soil Conservation Ser
Rogers (near)	Benton	1300	47	36.9	− 0.5	61	7†	19	22	40	6.03	+3.37	1.46	8.0	8	8	5	18	n.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	3	....	....	....	....	....	....	....	13.98	....	3.72	2.7	14	6	2	23	n.	Miss Clarice Maddox
Russellville [Evap]	Pope	526	25	40.8	+ 1.2	70	7	20	23	35	9.94	+6.49	2.00	0.0	17	6	0	25	se.	U. S. Forest Service
St. Charles	Arkansas	175	4	46.0	....	75	14	21	24	31	17.71	....	2.20	0.0	20	4	3	24	n.	U.S. Biological Surv
St. Francis	Clay	290	10	....	....	....	....	....	....	....	16.14	....	3.75	0.0	16	9	3	19	....	A Boyce Boyd, Jr.
Searcy	White	245	27	41.0	+ 0.2	72	7	18	23	30	17.29	†12 50	4.83	0.0	21	3	3	25	ne.	Walter Smith
Springbank ‡‡	Miller	240	28	....	....	....	....	....	....	....	10.55	+6.54	1.42	0.0	21	1	1	29	....	Henry Field
Story	Montgomery	650	13	....	....	....	....	....	....	....	8.82	+4.80	1.95	0.0	14	4	3	24	ne.	S. C. Story
Stuttgart	Arkansas	214	50	44.2	+ 1 2	73	14	21	23	32	15.86	†10.82	2.75	0.0	20	5	2	24	n.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	2	44.2	....	74	14	21	4	34	16.20	....	2.82	0.0	22	..	..	..	....	Rice Experiment Sta
Subiaco	Logan	750	40	40.0	− 1 7	70	8	20	23	39	6.39	+2.78	1.53	0.0	14	4	7	20	ne.	New Subiaco Abbey
Texarkana	Miller	332	52	45 7	− 0.6	76	7	26	3†	30	14.97	†10.89	3.40	0.0	21	6	0	25	n.	H. S. Brashear
Thornburg	Perry	650	17	39.4	− 1.3	72	7†	19	23†	37	11.29	+6.89	1.90	0.0	21	3	3	25	s.	Edward E. Holmes
Waldron	Scott	675	18	....	....	....	....	....	....	....	8.65	+4.82	1.37	....	13	2	3	26	nw.	Dr. Cheves Bevill
Whitecliffs	Little River	290	31	....	....	....	....	....	....	....	10.44	+6.54	1.81	0.0	19	3	6	22	....	L. M. Snead
Wilson	Mississippi	237	12	42.8	+ 1.1	71	14	20	23	32	17.38	†11.71	3.62	T	16	7	2	22	n.	D O. Anderson
Wynne	Cross	250	29	43.4	+ 2.4	70	8†	15	23	39	17.29	†12.13	3.50	0.0	18	4	2	25	n.	B. M. Eddins
Yancopin	Desha	167	13	....	....	....	....	....	....	....	11.43	+6.44	2 04	0.0	21	4	1	26	....	W. E. Barton
State Means				41.8	+ 0.5	80	8	9	22†	46	12.61	+8.22	4.83	0.7	17	4	3	24	n	

Daily Precipitation for January, 1937

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Amity	Ouachita	....	1.06	....	....	....	.12	.46	....	1.05	1.03	.05	.04	.08	.32	.70	....	.17	.53	....	.67	2.97	1.02	.54	....	.84	....	....	....	....	....	.26	11.91
Arkadelphia	Ouachita	....	1.77	....	....	....	.09	.50	.02	1.86	1.17	....	.06	.02	.05	.66	....	.42	1.15	....	.50	2.31	2.45	1.60	.06	.68	....	....	....	....	....	.25	15.62
Arkansas City	Mississippi	.11	2.62	....	....	.36	.04	.31	T.	.04	.98	.45	.54	.10	T.	.86	....	.32	.31	.05	1.65	.23	.15	1.86	.54	1.18	....	....	....	....	....	.27	12.92
Batesville	White	.02	.55	....	....	....	.07	.83	.08	1.20	1.92	T.	.15	.14	.17	1.59	....	.02	.22	....	.50	3.05	1.15	1.03	.01	1.09	....	....	....	....	.03	.12	13.85
Bee Branch	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Benton	Saline	....	1.19	....	....	....	.12	.50	.10	1.53	1.05	.05	.05	.15	.18	.89	....	.16	1.40	....	.26	3.78	2.08	1.30	15	.83	....	....	....	....	.04	.10	15.91
Bentonville ***	Arkansas	.43	....	....	....	....	.04	.89	2.07	.53	....	T.	.02	.02	.95	T.	....	....	....	.05	....	.16	.98	T.	.27	....	....	....	T.	....	.56	.08	7.05
Big Lake Outlet	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Black Rock	White	....	1.40	....	....	....	.04	.56	T.	1.12	1.80	....	.10	.12	1.00	1.35	....	.02	23	....	.43	2.80	.96	.40	.02	.88	....	....	....	....	....	.12	13.35
Blytheville	St Francis	....	.28	....	....	....	.01	.75	....	1.76	.80	....	.09	.19	.06	.32	....	.54	3.94	....	.35	4.50	3.51	.96	.94	.60	....	....	....	....	....	.46	20.06
Booneville	Arkansas	.63	.10	....	....	....	.10	29	.33	.98	.02	....	.24	.02	1.02	....	....	....	....	....	.02	.38	1.01	....	.57	....	....	....	....	....	.12	....	5.83
Boughton	Ouachita	....	1.29	....	....	T.	.05	.60	....	1.49	1.13	.03	.01	.04	....	68	....	.46	1.13	....	.29	2.20	2.35	1.25	.06	.54	....	....	....	....	....	.13	13.68
Brinkley	White	.16	.40	....	....	....	.10	.11	.14	1.15	.55	.13	.18	.02	.42	.15	....	1.92	1.00	....	1.20	3.20	4.05	.18	2.00	.12	....	....	....	....	....	.29	17.38
Calico Rock	White	....	.44	....	....	....	.02	1.25	.05	85	65		.03	....	.96	.57	....	....	....	....	.21	.30	2.08	.45	T	.50	....	....	....	....	....	15	8.51
Camden	Ouachita	.10	2.00	....	....	.17	.24	.04	.13	.55	1.17	.25	.23	....	....	.20	....	.50	1.40	.02	.66	1.12	.95	1.22	.40	.34	....	....	....	....	....	.09	11.78
Carthage	Ouachita	1.28	....		....	.20	38	....	.50	1.30	1.04	1.12		....	.45	....	....	2.00	1.35	T	1.25	2.00	1.90	T.	1.35	....	....	....	....	....	....	.43	16.55
Clarendon	White	....	.95	....	....	.09	.21	.07	.02	.60	97	.10	.25	.11	.02	21	....	.22	1.85	....	.90	1.87	2.70	1.05	.58	.91	....	....	....	....	....	.36	14.04
Clinton	White	.75	....		....	.11	.26	57	23	1.62	....	T.	.95	.35	.84	....	....	.02	....	.01	.83	1.72	1.35	.28	.64	....	....	....	....	....	.27	T	10.80
Conway	Arkansas	.44	....	....	....	....	1.62	....	.29	1.65	.79	.04	.31	.06	1.38	....	....	33	....	....	2.28	2.42	1.85	.06	.94	....	....	....	....	....	.14	.21	14.81
Cornerstone	Arkansas	2.04	....	....	24	....	.17	....	.91	....	.90	.10	.13	T.	.13	....	....	....	2.17	1.02	2.20	2.90	.10	.90	1.41	....	....	....	....	....	.02	....	15.34
Corning	White		.57	....	....	....	....	.79	....	1.00	2.30	....	....	....	.28	1.44	....	T.	.34	....	.38	3.20	1.41	.40	T.	.66	....	....	....	....	....	.46	13.23
Cotter	White	....	1.05	....	....	....	....	.73	T.	.60	.66	....	....	....	.98	1.50	....	....	....	....	.17	....	1.14	.14	....	.32	....	....	....	....	....	.12	7.41
Crossett [near]	Ouachita	3.60	1.06	....	....	2.05	.19	....	.30	.15	.80	.28	.72	....	.48	1.03	....	.15	.11	.25	2.00	....	.20	75	1.10	.10	....	....	....	....	....	.80	16.03
Danville	Arkansas	....	.78	....	....	....	.03	.80	.02	.56	1.48	....	.21	.12	.18	.36	....	....	....	....	.21	.24	2.44	1.04	.35	.48	....	....	....	....	....	.16	9.46
Dardanelle	Arkansas	....	.37	....	....	....	.02	.97	.04	.49	1.33	....	37	.28	.35	.18	....	....	.02	....	.07	.38	2.52	1.06	.13	.68	....	....	....	....	....	.16	9.42
De Queen	Red	.85	03	....	....	....	.18	.14	.16	1.22	.61	.03	.08	.34	.41	....	....	.23	T.	.01	.45	1.41	1.16	T.	.56	....	....	....	....	....	.07	....	7.89
Dumas	Mississippi	1.05	.83	....	....	.30	.16	....	.16	.22	.85	.40	.14	.02	.52	.10	....	.36	30	.02	1.65	.34	1.35	.20	1.46	....	....	....	....	....	T.	....	10.43
Dutton	White	.43	.47	....	....	....	.14	.03	.34	.26	T.	....	T.	.19	2.71	....	....	.02	....	....	.11	.77	.11	.62	.72	....	....	....	....	....	.18	.03	7.13
El Dorado	Ouachita	.46	1.97	....	....	.21	.05	.06	.17	1.28	1.28	.36	.29	.01	.02	.22	....	.33	.35	.02	2.20	1.31	1.39	.48	.62	.39	....	....	....	....	....	.18	13.65
England	Arkansas	.62	.29	....	....	.05	.71		.13	1.75	.61	.10	.14	.05	.36	.08	....	3.44	.12	05	1.03	3.47	2.08	.04	1.60	.17	....	....	....	....	T.	.27	17.16
Eureka Springs	White	.32	.26	....	....	....	....	1.02	1.25	.42	....	.04	....	.03	1.59	....	....	.05	....	....	.03	.71	1.15	....	.25		....	....	....	....	.53	....	7.65
Fayetteville	White	.24	.04	....	....	....	....	.91	1.34	.47	.20	....	.06	.02	1.19	T	....	T	....	....	.04	.56	1.11	T.	24	....	....	....	T	....	.31	.03	6.76
Fordyce	Ouachita	3.50	....	....	....	.21	.09	.01	.16	.82	.86	.18	.13	.04	.11	.01	....	1.44	.74	.02	1.76	1.10	3.44	20	.96	.01	....	....	....	....	....	.09	15.88
Fort Smith ***	Arkansas	.43	T.	....	....	....	.27	.48	.36	.26	....	T.	.06	.01	.78	....	....	T.	....	T.	T.	.74	.56	T.	.32	....	....	....	....	....	.12	.02	4.41
Freeman Sprgs.	Arkansas	....	.72	....	....	....	....	.55	.02	1.17	1.04	....	04	.16	1.91	.79	....	....	.04	....	.18	.36	1.96	.64	T.	.36	....	....	....	T	T.	.17	10.11
Fulton	Red	T.	1.32	....		T.	.03	.55	....	1.90	1.43	T.	.05	T.	.07	.85	....	.30	.70	....	.61	3.87	.71	.95	.12	.43	....	....	....	....	....	.12	14.01
Georgetown	White	....	.62	....	....	....	.03	.78	T	2.56	.50	....	T.	.43	.06	1.25	....	.28	4.25	....	T.	3.30	2.65	.75	1.00	.15	....	....	....	....	....	.26	18.87
Gilbert	White	....	.66	....	....	....	....	.31	....	.65	.94		....	02	.79	1.21	....	....	T.	....	.21	.12	1.69	.23	T.	61	....	....	....	....	....	.08	7.52
Glenwood	Ouachita	.05	1.25	....	....	....	....	1.02	....	1.20	1.28	.12	....	.20	.53	.80	....	.20	.42	....	.70	1.90	1.18	1.08	.30	.65	....	....	....	....	....	.20	13.08
Grannis	Red	1.20	.06	....	....	.04	.42	.23	.30	1.57	.27	.03	.07	.58	1.06	....	.03	15	.02	.05	.40	2.05	.96	T.	.79	....	....	....	....	....	.23	.02	10.53
Gravette	Arkansas	....	.55	....	....	....	....	*	*	2.00	....	....	....	*	*	1.20	....	....	....	....	.60	....	.60	.70	1.30	....	....	....	.10	....	.65	....	7.70
Harrison	White	.68	.02	....	....	....	.09	2.07	.68	.46	T.	....	.03	.03	2.30		....	.01	....	....	.10	.87	1.15	....	.33	....	....	....	....	....	.12	....	8.94
Heber Springs	White	....	.50	....	....	....	....	.86	.14	.80	1.70	....	.12	.27	.27	.89	....	.05	.19	....	.45	2.30	1.02	.83	....	.89	....	....	....	....	....	.27	11.46
Helena	Mississippi	....	1.80	....	....	.16	.42	.22	....	.18	1.71	.34	.57	.29	....	1.62	....	88	.81	....	2.26	1.26	.67	.89	2.23	.70	....	....	....	....	....	.24	17.25
Higden	White	.26	.73	....	....	....	.60	.22	.37	.46	2.40	....	.67	.12	.86	....	....	....	....	....	2.44	2.17	1.15	....	....		....	....	....	....	.97	....	13.42
Highland	Ouachita	.70	.20	....	....	....	.45	.10	.25	1.50	.50	....	.15	.30	.95	....	....	.65	....	....	1.80	1.49	1.00		.49	....	....	....	....	....	.22	....	10.75
Hope [Evap]	Red	.04	1.21	....	....	02	.05	.48	....	1.60	1.33	....	.07	.02	.04	.74	....	.48	.86		.18	2.60	1.62	1.00	T.	.54	....	....	....	....	....	.16	13.04
Hot Springs	Ouachita	1.05	.05	....	....	....	1.30	....	.23	1.46	75	.09	.05	.13	1.25	....	....	.78	....	T	2.65	2.42	1.90	....	.82	....	....	....	....	....	.10	.07	15.10
Index	Red	T.	1.10	....	....	T.	.10	.60	1.60	T.	.65	T	.10	.05	.10	.75	T.	....	.85	T.	.70	3.40	.20	.60	T	.48	....	....	....	....	....	T.	11.28
Jessieville	Ouachita	*	1.58	....	....	....	.75	....	*	*	2.75	.05	*	*	1.60	....	....	*	.33	*	*	*	*	*	6.24	....	....	....	....	....	....	.34	18.61
Jonesboro	White	....	.58	....	....	....	.09	.88	.05	1.72	.89	....	.12	.35	.14	1.15	....	.10	2.30	....	.20	4.41	3.10	1.29	.27	.85	....	....	....	....	....	.46	18.95
Lead Hill	White	.25	.21	....	....	....	.08	1.65	.54	.32	.07	....	T.	.02	2.40	....	....	T.	....	T.	.05	1.00	.78	T.	.32	....	....	....	....	....	.13	.02	7.84
Little Rock ***	Arkansas	.79	....	....	....	.04	81	.03	.83	1.59	.46	04	.16	.04	1.00	....	.09	2.05	....	.11	3.60	3.49	1.59	T.	.86	....	....	....	....	....	.16	T.	18.04
Lutherville	Arkansas	.70	.54	....	....	....	.78	.73	.43	1.52	.41	.21	.20	.34	3.15	.17	....	....	....	....	.20	.60	1.86	T.	1.27	....	....	....	....	....	.20	....	13.31
Madison	St. Francis	....	.62	....	....	....	....	.10	T.	.85	.67	.17	.32	.19	.03	.36	T.	.73	1.66	....	1.04	1.91	4.05	.78	1.18	1.38	T	....	....	....	....	.35	16.39
Magnolia	Red	1.00	.70	....	....	....	.28	....	....	1.80	.23	....	.43	.01	.25	....	....	1.60	.20	.10	1.20		1.50	....	1.10	....	....	....	....	....	.04	....	10.44
Mammoth Spg	White	....	.90	....	....	....	....	1.18	....	40	.60	....	....	T.	1.62	.73	....	....	....	....	.14	.46	1.33	.64	....	.47	....	....	....	....	.04	.11	8.62
Marianna	St. Francis	30	1.44	....	....	.10	.35	....	.17	28	.55	.55	25	....	.50	.05	....	2.13	....	....	.94	3.55	2.05	....	1.70	.10	....	....	....	....	....	....	15.01
Marked Tree	St. Francis	....	.32	....	....	....	....	.79	.08	1.36	.76	....	.26	.17	.16	.54	....	.76	4.21	....	.25	3.86	3.99	.97	.96	.93	....	....	....	....	....	.41	20.78
Mena	Ouachita	....	.47	....	....	....	.04	.86	.26	.82	1.70	T.	.05	.13	.70	.60	T.	.03	T.	....	.75	.10	2.27	.28	.20	....	....	....	....	....	.02	17	9.45
Monticello	Ouachita	1.74	....	....	....	.16	....	.20	.04	.30	.70	.40	.30	....	.62	....	....	.70	....	.64	.96	....	1.04	.35	.50	.20	....	....	....	....	....	.05	8.86
Montongo	Ouachita	1.34	.91	....	....	.20	....	*	*	*	1.50	.42	....	.20	.50		....	.40	.45	....	1.15	1.10	.95	1.45	....	....	....	....	....	....	.12	....	10.69
Morrilton	Arkansas	....	.98	....	....	....	.03	.54	....	.92	.96	.13	T.	38	.03	.40	....	....	.25	....	.29	1.30	1.60	.85		.77	....	....	....	....	....	13	9.56
Mountain Home	White	.50	.30	....	....	....	.10	.45	.30	1.00	....	T.	T	T	2.56	....	....	T.	....	....	....	1.10	1.10	....	.25	....	....	....	....	....	.15	....	7.81
Mount Ida	Ouachita	.80	.48	....	....	....	.21	.88	.27	1.45	1.08	.05	.18	.15	.73	....	....	.05	....	.05	1.48	2.40	1.98	....	.66	....	....	....	....	....	....	....	12.90
Newport	White	....	.67	....	....	....	.03	.62	.02	1.21	.21	....	44	.22	.14	1.23	....	.03	1.52	....	09	4.52	2.92	1.32	.01	1.10	....	....	....	....	.02	.27	16.59
Norman	Ouachita	....	1.63	....	....	....	.05	....	.38	*	3.00	....	.12	.16	.80	.28	....	....	.12	....	.79	1.12	2.50	.80	....	....	....	....	....	....	....	....	11.75
Okay	Red	.92	07	....	....	....	.46	.03	.16	1.71	.48	.02	.06	.20	.82	....	....	.79	.07	02	1.63	1.35	1.02	01	.49	....	....	....	....	....	.11	.06	10.48
Ozark	Arkansas	....	.70	....	....	....	T.	.36	.10	.88	.33	....	.42	.09	.91	.71	....	....	....	....	T.	....	.53	.11	.09	.06	....	....	....	....	T.	.50	5.79
Paragould	St. Francis	....	....	.47	T.	....	....	.54	....	1.49	1.75	.08	.07	.39	.11	1.27	....	....	1.33	....	.13	4.64	2.88	2.19	T.	1.27	....	....	....	....	....	.50	19.11
Parkin	St. Francis	....	.43	....	....	....	T	.41	.08	1.00	.75	T.	.15	.13	....	.30	....	.54	2.70	....	.75	2.85	3.35	.85	.96	.96	....	....	....	....	....	.35	16.56
Patterson	White	....	.58	....	....	....	.79	....	.86	1.21	.92	.71		....	.27	.82	....	3.82	.43	....	1.99	2.57	*	*	*	2.00	....	....	....	....	90	....	17.87
Pine Bluff	Arkansas	.03	1.94	....	....	.30	.25	.04	.11	.74	.84	.12	21	.05	.03	.28	....	.42	1.38	....	1.06	2.04	3.84	.63	.28	.74	....	....	....	....	....	.17	15.50
Pine Ridge	Ouachita	....	1.07	....	....	....	.34	....	.09	.64	1.65	....	*	.51	*	.31	....	....	....	....	*	*	1.96	2.76	.71	....	....	....	....	....	....	....	10.04
Pocahontas	White	....	.53	....	....	....	.75	.06	.25	1.90	1.20	....	.10	.22	1.25	.10	....	.23	....	....	1.90	1.42	1.30	....	....	....	....	....	....	....	....	30	11.51
Portland	Ouachita	2.15	1.15	....	....	.85	.11	....	....	.25	.75	.35	.68	....	.28	.52		.17	.12	.11	1.04	.10	78	.50	1.47	....	....	....	....	....	....	.72	12.10
Prescott	Ouachita	.08	1.32	....	....	.01	.04	.57	....	1.47	1.00	.06	.07	.02	.05	.67	....	.52	1.39	....	.20	2.20	2.40	1.46	.07	1.02	....	....	....	....	....	.14	14.76
Rock Springs	Ouachita	*	2.55	....	....	....	.56	....	.26	.60	.90	.51	.10	....	.20	....	....	.55	.30	....	1.60	1.52	1.25	....	2.80	....	....	....	....	....	....	....	13.70
Rogers (near)	White	.17	....	....	....	....	....	1.46	.87	1.01	....	....	....	....	.97	....	....	....	....	....		.75	.75	....	....	....	....	....	....	....	.05	....	6.03
Rosebud	Arkansas	.65	....	....	....	....	.85	....	1.05	1.15	....	....	.35	.26	1.65	....	....	.45	....	.40	3.72	.35	1.80	.95	....	....	....	....	....	....	.35	....	13.98
St. Charles	White	1.60	1.50	....	....	1.41	.32	T.	T.	1.00	.70	.20	.35	.10	.40	.20	.30	1.15	.40	T.	1.65	2.20	2.00	.55	1.53	....	....	....	....	....	....	.15	17.71
St. Francis	St. Francis	....	.51	....	....	....	.04	.67	....	1.41	1.09	....	....	.11	.41	1.26	....	.08	1.22	....	.10	3.75	2.48	1.51	T.	.98	....	....	....	....	....	.52	16.14
Searcy	White	....	.70	....	....	....	.06	.69	.09	1.35	.96	30	.08	21	.09	1.23	....	.11	1.41	....	.15	4.83	2.29	1.49	.06	.79	....	....	....	....	.01	39	17.29
Springbank	Red	.06	1.27	....	....	.12	.02	.30	....	.72	1.25	.10	.04	.02	.02	.52	....	.25	1.34	....	.30	1.42	.98	1.02	.20	.42	....	....	....	....	....	.18	10.55
Story	Ouachita	....	.98	....	....	....	.30	.37	.42	.84	....	....	....	.58	.18	....	....	....	.45	.93	1.95	1.18	....	*	.46	....	....	....	....	....	....	18	8.82
Stuttgart	Arkansas	....	1.37	....	....	.20	.19	.03	.16	.60	1.08	.12	.30	.10	....	.30	....	.92	1.15	1.28	2.30	2.75	....	1.16	.90	.70	....	....	....	....	....	.25	15.86
Subiaco	Arkansas	.23	.17	....	....	....	.11	.51	.33	.85	.25	....	.23	.01	1.53	....	....	T.	....	T.	T.	.42	.85	....	.75	....	....	....	....	....	.15	T.	6.39
Texarkana	Red	....	1.30	....	....	....	.20	.60	.12	2.03	1.73	.08	.12	.08	.40	.61	.05	.35	.50	T.	1.10	3.40	.30	1.93	.26	.33	....	....	....	....	....	.38	14.97
Thornburg	Arkansas	.95	.40	....	....	.02	33	.12	.23	1.75	.52	....	.38	.08	.69	....	....	.02	.24	.03	1.55	1.90	*	*	2.00	....	....	....	....	....	.02	.06	11.29
Waldron	Arkansas	.35	....	....	....	....	....	.44	.73	1.37	....	....	.43	T.	1.20	....	....	....	....	T.	.20	.78	1.31	1.20	.57	....	....	....	....	T.	.03	.04	8.65
Warren	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Whitecliffs	Red	....	.83	T.	T.	T.	.23	.43	....	1.43	63	.03	.09	.25	.20	.86	.10	.12	.50	....	.48	1.81	1.03	.85	.26	.31	....	....	....	....	T.	....	10.44
Wilson	Mississippi	.60	.45	....	....	....	....	....	.35	.80	....	20	.05	....	.55	....	....	1.90	2.20	....	.98	2.95	3.62	.95	1.10	.23	....	....	....	....	....	.45	17.38
Wynne	St. Francis	....	*	....	....	....	*	1.10	.25	.85	.57	.01	....	.30	.35	.05	....	....	3.50	.45	3.30	3.50	1.00	.01	1.70	....	....	....	....	....	....	.35	17.29
Yancopin	Arkansas	.46	.93	....	....	.36	.11	.04	.04	.14	.93	.51	.42	.04	....	1.15	....	.91	.27	.03	1.61	.17	.72	....	2.04	.36	....	....	....	....	....	.19	11.43

Daily temperatures for January, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	52	59	49	48	52	67	72	68	60	44	40	46	63	64	53	45	53	50	49	57	50	33	33	30	33	40	55	63	64	55	49	51.5
	Minimum	33	43	22	23	24	41	49	64	30	30	31	33	37	44	32	30	31	41	33	34	47	32	23	23	28	29	27	28	32	32	35	33.6
Batesville	Maximum	46	58	42	48	45	53	67	66	40	32	34	36	59	65	50	41	51	51	39	58	55	35	26	34	36	42	46	57	42	49	50	46.9
	Minimum	30	40	23	19	31	44	50	39	28	27	29	32	34	49	32	23	39	38	28	34	32	20	17	22	22	18	14	25	25	35	32	30.0
Bee Branch	Maximum	63	45	42	47	45	57	69	67	46	35	33	35	48	62	52	38	46	48	42	56	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	36	38	21	20	31	44	31	41	24	29	29	32	23	42	29	25	36	36	28	34	..	..	..	..	..	..	..	..	..	..	..	....
Bentonville ***	Maximum	51	47	35	48	58	56	35	41	22	27	34	41	54	53	35	41	47	40	46	59	33	14	26	36	37	43	51	46	58	50	32	41.8
	Minimum	38	21	18	27	31	33	24	14	14	19	27	31	37	24	21	25	35	25	29	33	14	10	14	22	11	17	22	35	34	26	24	24.4
Blytheville	Maximum	49	62	48	47	49	58	65	66	54	40	36	38	62	72	52	44	..	54	40	69	55	35	26	33	33	35	46	59	51	53	52	49.4
	Minimum	34	47	24	24	36	46	56	52	31	25	29	33	34	50	32	25	40	35	32	39	33	20	15	25	28	22	23	35	32	30	34	32.9
Booneville	Maximum	53	47	40	52	53	55	56	42	30	31	34	39	60	63	50	38	49	50	42	58	57	37	27	40	37	44	50	60	58	55	54	47.1
	Minimum	42	32	22	22	33	45	35	27	22	26	30	33	38	50	31	27	38	33	33	35	35	26	21	26	25	29	29	35	39	43	31	32.0
Brinkley	Maximum	51	60	50	47	53	59	70	71	52	37	38	40	63	70	67	43	52	53	54	71	62	41	42	42	43	45	54	63	60	57	56	53.7
	Minimum	39	45	25	24	37	51	58	52	33	30	31	35	38	52	35	26	41	50	35	38	38	30	19	32	30	26	25	35	31	32	37	35.8
Calico Rock	Maximum	53	55	46	51	52	53	69	68	46	37	38	38	52	65	55	42	58	54	43	62	61	41	26	38	38	42	46	55	53	53	53	49.8
	Minimum	35	41	23	22	29	44	45	36	25	25	29	33	34	50	30	24	37	35	27	34	32	19	16	24	22	22	19	26	27	37	31	30.1
Camden	Maximum	60	60	54	51	55	65	73	76	64	66	53	47	65	75	56	48	52	57	51	73	75	72	41	39	42	52	54	59	61	60	58	58.5
	Minimum	..	..	..	..	..	..	..	..	38	35	34	39	44	54	39	34	42	45	39	42	52	33	25	28	29	31	30	40	38	41	42	38.0
Carthage	Maximum	55	59	46	49	59	64	72	74	43	48	38	44	63	69	52	45	54	55	44	69	59	42	34	35	38	43	53	62	59	60	57	53.0
	Minimum	38	46	23	22	38	49	64	43	34	33	32	37	41	52	37	28	42	43	35	38	42	31	21	25	29	28	26	34	32	35	40	36.1
Center Point	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Conway	Maximum	48	53	38	49	47	54	75	67	40	35	37	40	63	66	51	42	51	51	41	56	53	36	27	33	37	48	50	63	58	54	51	48.8
	Minimum	37	35	24	22	36	46	52	40	29	29	32	36	39	51	33	24	39	40	32	36	35	26	19	24	30	25	21	29	30	41	34	33.1
Cornerstone	Maximum	54	60	51	44	53	61	72	72	49	39	38	43	64	73	54	44	53	54	46	74	65	49	33	37	39	43	51	60	56	59	59	53.2
	Minimum	41	48	27	26	39	49	60	47	36	32	32	37	41	53	39	29	42	44	37	40	30	30	24	27	31	30	29	36	35	37	41	37.1
Corning	Maximum	47	59	39	50	50	51	67	66	47	29	33	33	60	64	48	39	52	46	46	64	55	35	25	33	33	38	48	58	37	48	48	46.7
	Minimum	33	38	22	22	31	45	49	47	25	23	26	31	31	46	31	25	35	31	28	38	30	17	14	22	26	20	20	32	30	31	29	29.9
Crossett	Maximum	60	62	54	52	56	65	71	72	71	46	41	47	79	77	55	49	74	72	59	77	78	78	38	41	42	48	60	64	62	64	55	60.3
	Minimum	38	52	27	23	41	47	63	64	43	35	34	40	45	55	44	34	45	46	43	48	72	36	26	34	32	31	28	45	38	42	40	41.6
Dardanelle	Maximum	52	51	41	51	48	54	71	69	36	35	37	40	52	64	51	40	49	49	44	56	52	36	29	34	39	46	47	62	58	53	52	48.3
	Minimum	40	33	24	26	30	45	42	35	26	30	32	36	38	50	36	29	40	38	32	36	34	25	19	26	29	26	24	30	34	41	33	32.9
De Queen	Maximum	51	51	47	47	52	56	71	71	41	43	42	43	60	64	52	44	49	50	48	57	56	43	35	38	45	56	54	66	64	57	53	51.8
	Minimum	44	40	22	23	41	50	55	41	35	32	35	39	43	52	32	32	42	43	38	41	41	32	27	29	30	28	26	37	42	44	38	37.2
Dumas	Maximum	55	60	52	46	56	62	72	64	56	41	41	50	65	78	58	58	76	58	55	74	74	55	34	38	40	48	52	61	58	63	58	56.7
	Minimum	43	50	28	26	40	52	60	54	38	33	33	37	43	52	39	46	39	47	40	45	54	33	21	29	27	30	29	38	36	37	41	39.4
Dutton	Maximum	48	48	34	46	49	50	62	62	26	31	35	39	53	59	47	39	54	48	40	60	55	31	32	32	41	42	52	54	53	48	48	45.7
	Minimum	37	26	15	18	22	43	39	26	19	20	28	33	35	45	26	23	36	29	24	38	31	13	13	25	18	20	18	28	30	27	26	26.8
El Dorado	Maximum	57	60	50	52	57	63	72	76	54	42	40	46	78	76	56	46	75	73	51	78	75	74	36	39	42	53	56	62	65	60	57	58.7
	Minimum	45	46	28	29	45	51	55	54	37	35	34	39	45	54	41	36	44	46	41	48	60	35	26	30	34	30	29	42	38	41	45	40.7
England	Maximum	63	60	59	47	51	57	73	74	55	51	38	42	62	75	53	43	54	52	43	68	56	52	38	32	36	46	51	65	58	57	56	53.8
	Minimum	47	46	26	27	37	48	55	43	34	30	32	37	40	51	36	27	40	40	35	39	36	31	20	26	26	29	29	25	29	36	38	35.5
Eureka Springs	Maximum	50	48	36	50	57	56	55	64	22	26	35	36	55	56	40	44	50	45	34	61	49	21	25	35	37	43	46	48	59	51	51	44.7
	Minimum	35	24	16	27	30	46	30	18	13	19	23	32	34	39	22	23	40	26	26	31	20	9	9	20	19	18	19	30	32	40	23	25.6
Fayetteville	Maximum	52	50	34	48	58	57	55	64	21	28	36	39	54	56	47	43	48	45	46	59	53	25	29	35	39	45	55	48	56	51	50	46.
	Minimum	38	26	19	28	28	46	29	18	15	19	25	32	34	46	24	25	40	28	28	40	22	11	12	25	13	16	20	33	32	41	25	27.
Fordyce	Maximum	55	53	48	50	53	63	71	74	53	40	39	45	64	73	54	46	55	57	47	72	73	58	34	36	41	48	52	62	61	61	58	54.7
	Minimum	38	27	25	26	42	49	63	52	36	33	33	38	44	53	38	30	43	46	37	40	52	33	23	27	31	29	26	38	38	39	42	37.8
Fort Smith***	Maximum	47	47	39	53	52	54	49	38	29	34	36	41	61	60	38	40	48	45	39	62	45	25	28	39	38	46	49	53	58	49	40	44.6
	Minimum	42	27	23	26	34	47	32	22	23	24	29	34	39	38	28	28	39	34	34	39	25	19	19	28	23	28	30	38	40	33	31	30.8
Gilbert	Maximum	57	48	52	38	52	53	55	69	46	40	33	36	45	61	61	40	61	62	42	58	66	40	24	28	42	43	45	45	54	58	55	48.7
	Minimum	30	32	15	15	21	35	38	35	18	18	23	26	30	41	27	19	24	31	20	21	33	16	12	20	16	19	15	21	22	35	26	24.3
Grannis	Maximum	49	50	47	45	51	55	68	68	37	41	39	42	60	63	49	46	48	49	45	59	55	39	31	38	45	58	55	65	62	51	51	50.4
	Minimum	39	36	18	20	34	44	53	35	30	28	33	37	41	48	30	31	38	36	36	39	37	27	23	26	25	25	25	33	38	41	34	33.5
Gravette§§	Maximum	51	32	35	49	59	56	34	32	23	28	40	41	52	53	33	45	46	40	54	59	28	15	29	39	38	47	48	56	59	49	..	42.3
	Minimum	28	31	17	19	29	32	23	19	13	14	18	27	32	40	22	21	26	25	24	29	26	9	9	14	9	12	12	22	32	37	23	22.4
Harrison	Maximum	48	47	34	42	51	53	54	62	28	29	35	35	55	59	58	39	64	48	49	62	56	27	24	41	36	37	41	48	50	52	48	45.5
	Minimum	36	29	19	25	26	44	33	26	18	21	28	33	34	46	25	22	37	29	25	32	27	13	12	21	19	16	16	27	28	35	26	26.7
Helena	Maximum	50	60	52	48	53	61	67	74	71	37	38	43	64	76	53	49	71	57	44	71	69	45	33	35	39	45	54	56	49	59	59	54.3
	Minimum	42	49	27	27	41	50	60	61	36	31	30	37	40	53	38	27	45	43	38	42	45	30	21	26	32	31	30	43	43	43	42	38.8
Highland	Maximum	54	56	49	50	53	57	72	70	44	40	39	44	62	65	55	47	56	54	49	59	58	49	40	37	41	54	54	64	62	59	54	53.
	Minimum	42	43	23	25	39	47	53	39	31	31	32	37	41	51	31	30	37	42	34	36	44	31	23	25	28	27	27	37	39	41	35	35.8
Hope §§	Maximum	56	55	46	50	52	67	75	68	37	40	39	49	61	65	41	46	55	49	52	60	74	38	32	38	40	52	50	60	62	60	50	52.
	Minimum	34	42	24	24	28	44	52	67	34	33	34	34	39	49	35	34	34	44	38	36	52	37	24	24	30	28	27	28	36	38	38	36.
Hot Springs	Maximum	50	53	46	47	49	58	70	68	41	38	36	41	59	63	52	42	52	52	47	60	55	42	32	36	35	48	53	65	64	52	55	50.
	Minimum	40	45	24	24	38	48	58	40	31	31	31	35	40	50	33	28	39	41	33	37	41	29	19	25	29	27	28	35	35	38	36	35.
Jonesboro	Maximum	47	59	46	48	46	56	68	68	47	32	34	36	61	66	52	41	52	51	38	66	60	33	29	32	33	36	43	57	48	51	51	48.
	Minimum	36	43	23	23	35	44	53	45	29	26	28	32	34	51	33	26	38	35	30	36	33	21	16	22	22	23	23	32	33	32	34	32.
Lead Hill	Maximum	59	50	34	46	55	53	54	66	27	32	35	37	56	56	48	38	47	47	37	55	55	31	24	34	34	39	39	39	41	52	52	44.
	Minimum	32	28	19	11	21	43	33	25	18	22	25	31	34	45	24	29	31	28	22	32	27	13	12	21	12	12	9	23	27	35	25	24.
Little Rock.***.	Maximum	50	56	41	48	49	63	71	71	34	35	37	40	66	66	46	40	53	49	41	66	50	35	25	33	34	43	47	59	54	56	53	48.
	Minimum	42	31	26	27	40	49	63	33	32	31	32	37	40	46	33	30	40	36	32	41	35	22	20	25	31	28	28	37	38	40	36	34.
Little Rock [Airway]	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Lutherville	Maximum	47	48	37	48	47	51	66	65	35	34	35	38	52	61	48	37	46	47	42	56	54	34	27	32	37	49	51	63	56	52	49	46.
	Minimum	34	32	20	21	31	43	38	32	24	27	30	33	35	36	31	26	37	35	30	36	33	21	16	26	23	26	25	34	38	40	31	30.
Magnolia	Maximum	58	61	50	54	54	67	75	73	54	42	52	54	68	71	70	70	68	60	50	71	73	70	40	42	44	53	53	..	..	64	68	59.
	Minimum	43	47	27	30	45	51	65	50	36	34	35	36	44	51	45	35	45	47	40	42	55	33	25	28	33	29	28	..	..	40	40	40.
Malvern	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mammoth Spring	Maximum	51	58	46	54	53	51	71	64	52	39	40	36	51	54	51	45	51	43	40	53	57	46	26	32	39	39	45	57	54	45	46	48.
	Minimum	32	31	21	17	26	45	48	38	24	25	29	34	33	49	26	24	35	30	24	34	31	17	14	22	20	21	21	31	27	34	29	28.
Marianna	Maximum	53	63	62	59	56	63	70	70	65	40	42	42	65	77	57	49	60	60	48	74	75	46	40	37	37	42	53	58	56	61	58	56.
	Minimum	40	43	32	28	40	50	62	65	36	35	31	37	40	52	37	29	44	43	37	41	39	31	21	25	32	32	32	40	40	38	36	38.
Marked Tree§§	Maximum	55	61	43	46	51	53	66	68	35	33	36	46	64	71	38	48	53	45	62	70	54	31	31	33	35	37	45	59	45	52	39	48.
	Minimum	34	39	25	26	30	44	48	60	33	27	28	32	35	45	36	27	27	43	33	34	44	27	19	19	29	25	26	29	35	34	37	33.
Mena	Maximum	48	49	41	46	51	53	65	66	34	32	36	41	59	62	45	44	48	48	40	60	54	37	27	34	45	50	50	65	62	53	50	48.
	Minimum	40	30	19	23	36	47	53	33	25	26	29	34	40	45	31	29	39	37	32	38	34	24	21	26	26	27	27	36	38	44	32	32.
Morrilton	Maximum	50	51	46	48	46	53	70	69	59	55	50	41	54	65	53	47	50	49	43	53	51	43	40	35	35	45	46	60	56	54	51	50.
	Minimum	39	37	25	24	34	45	50	37	27	29	31	35	38	50	35	26	38	39	31	35	33	25	19	24	29	26	25	30	31	40	35	33.
Mountain Home	Maximum	46	51	38	50	52	52	64	67	30	33	33	35	54	56	47	35	52	49	36	64	64	38	24	35	37	38	45	59	54	45	50	46.
	Minimum	35	30	18	20	27	41	38	28	20	20	26	31	32	45	26	23	34	31	26	32	29	13	12	21	20	20	16	26	28	32	27	26.
Mt. Ida	Maximum	48	48	36	42	48	54	71	69	35	34	36	42	62	62	50	42	52	52	42	58	51	38	33	35	36	49	41	67	56	54	52	48.
	Minimum	34	35	20	17	30	47	54	34	26	28	32	35	41	49	34	28	40	37	34	38	37	30	22	26	29	20	27	27	29	36	34	32.
Newport	Maximum	48	59	45	49	47	54	70	69	44	32	34	38	60	66	52	42	51	51	40	59	59	45	27	33	34	40	47	52	48	51	53	48.
	Minimum	37	43	25	26	35	46	53	43	31	29	30	34	36	51	34	28	40	39	32	37	34	22	22	22	27	25	24	31	32	36	34	33.
Okay	Maximum	58	55	50	49	53	57	76	74	47	42	40	45	64	60	41	47	53	54	48	57	71	58	37	39	41	55	53	62	63	62	56	53.
	Minimum	43	34	26	25	41	42	48	45	34	34	35	39	40	34	37	34	41	46	36	32	46	34	26	28	30	28	28	39	38	33	38	35.
Ozark	Maximum	51	49	40	50	50	52	55	42	31	38	38	40	50	57	57	39	49	49	44	60	56	39	30	35	42	48	50	60	59	55	50	47.
	Minimum	39	29	21	20	29	44	35	28	28	27	30	34	37	45	28	30	37	34	30	36	35	20	22	25	24	25	36	34	39	41	29	31.
Pine Bluff	Maximum	51	61	47	50	52	64	73	74	44	38	38	43	62	74	54	45	54	54	46	73	60	42	37	36	37	47	51	63	59	61	57	53.
	Minimum	43	45	27	27	41	49	64	44	35	33	33	37	43	54	37	30	43	45	36	41	39	34	21	27	31	30	28	38	37	37	41	37.
Pocahontas	Maximum	50	58	48	48	49	51	68	66	..	46	34	38	54	64	52	39	50	51	40	61	59	40	25	50	44	41	46	55	54	46	49	49.
	Minimum	34	41	21	18	30	43	48	43	..	23	25	30	30	50	29	24	34	34	26	32	31	20	13	25	25	20	21	31	31	30	31	29
Portland	Maximum	55	63	55	51	58	65	71	80	74	46	41	47	70	76	54	50	76	72	55	75	76	75	36	41	42	49	57	61	60	66	64	60
	Minimum	44	52	30	27	43	49	61	64	41	35	34	39	45	54	44	35	46	46	42	46	67	34	26	30	35	31	29	45	39	41	48	42
Prescott	Maximum	57	56	48	48	51	59	75	73	44	41	39	44	65	63	53	46	54	55	47	60	73	49	35	37	40	52	53	59	64	60	55	53
	Minimum	41	47	24	24	40	49	57	44	34	32	33	37	42	51	33	32	40	45	35	39	49	32	22	25	29	28	36	34	36	39	40	37

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding

Weather Bureau Office, Little Rock, Ark. 3-5-37-1300

Daily temperatures for January, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
ogers	Maximum	55	50	36	51	59	56	61	60	24	27	34	38	54	56	49	44	48	48	41	61	56	38	38	36	39	45	50	49	58	55	50	47.3
	Minimum	37	29	17	25	24	46	28	20	15	20	24	32	34	46	23	24	42	26	27	36	20	10	12	22	13	16	20	33	32	42	25	26.5
ussellville [Evap]	Maximum	54	49	40	50	47	55	70	69	36	36	37	41	51	65	54	43	49	48	43	56	53	36	28	34	40	49	49	65	61	54	51	48.8
	Minimum	39	34	25	22	29	46	43	36	27	30	33	36	39	49	35	27	37	38	32	36	34	25	20	26	28	26	24	30	33	42	34	32.7
t. Charles	Maximum	65	58	55	45	59	60	68	65	52	49	45	42	64	75	54	46	66	57	45	72	72	48	33	33	38	45	50	57	59	54	65	54.7
	Minimum	39	44	28	25	42	45	59	40	35	30	32	37	41	53	34	31	45	45	39	41	47	32	22	21	33	31	31	41	38	36	42	37.4
earcy	Maximum	49	56	43	47	47	54	72	68	45	33	36	40	59	66	51	41	51	51	40	63	55	34	25	33	35	40	48	61	55	53	52	48.5
	Minimum	40	42	22	23	37	46	53	45	31	29	30	35	37	51	35	28	39	40	32	37	34	25	18	23	24	26	24	31	31	39	34	33.6
tuttgart	Maximum	50	59	53	49	53	61	72	65	45	37	35	42	62	73	54	42	52	54	46	70	61	45	38	37	39	44	51	64	61	59	55	52.5
	Minimum	34	48	27	26	39	50	51	45	36	31	31	31	40	52	37	28	41	45	37	38	31	30	21	26	30	35	27	36	35	36	38	35.9
tuttgart. . [Evap]	Maximum	60	62	44	50	56	68	71	70	40	35	38	49	66	74	42	50	55	48	65	71	56	34	33	36	39	44	52	61	58	58	42	52.5
	Minimum	39	44	28	21	34	46	50	62	36	32	32	32	38	44	41	29	31	46	36	37	50	32	22	22	31	30	28	32	34	36	40	36.0
ubiaco	Maximum	51	49	39	53	50	56	54	76	32	33	36	41	50	64	52	38	47	48	43	59	58	35	27	36	40	47	52	60	61	55	51	48.0
	Minimum	40	32	22	22	32	44	37	31	24	28	31	34	38	48	33	28	37	35	32	35	35	25	20	26	26	27	29	33	38	42	32	32.1
exarkana	Maximum	54	53	51	52	54	62	76	71	41	40	40	45	62	65	50	47	55	54	47	63	72	45	37	39	41	49	50	61	65	60	58	53.5
	Minimum	44	44	26	28	41	52	60	41	35	33	34	38	43	50	33	35	41	40	38	41	44	34	26	28	30	28	28	41	39	39	40	37.9
hornburg	Maximum	47	52	43	50	45	54	72	72	36	33	34	39	60	64	50	44	53	52	41	61	53	35	27	27	38	34	45	61	60	55	52	48.0
	Minimum	32	32	22	26	32	44	52	35	24	27	30	32	37	49	33	20	37	37	30	35	34	20	19	20	24	28	19	28	28	39	34	30.9
arren	Maximum																																
	Minimum																																
ilson	Maximum	53	59	51	50	49	56	63	64	64	35	52	52	62	71	52	44	53	51	46	67	67	37	35	35	34	34	48	55	53	51	51	51.4
	Minimum	30	41	25	22	36	45	48	59	32	28	30	37	38	48	33	26	42	36	34	39	37	32	20	25	25	27	27	37	33	32	37	34.2
inslow	Maximum																																
	Minimum																																
ynne	Maximum	51	50	61	48	50	60	69	70	56	49	47	47	62	70	57	45	52	55	48	70	60	38	43	43	35	41	50	69	53	56	56	53.6
	Minimum	36	40	22	24	37	46	55	46	31	26	27	38	38	49	32	24	39	38	32	34	34	26	15	30	29	23	21	39	31	31	34	33.1

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January, 1937

[See precipitation data in table on preceding page]

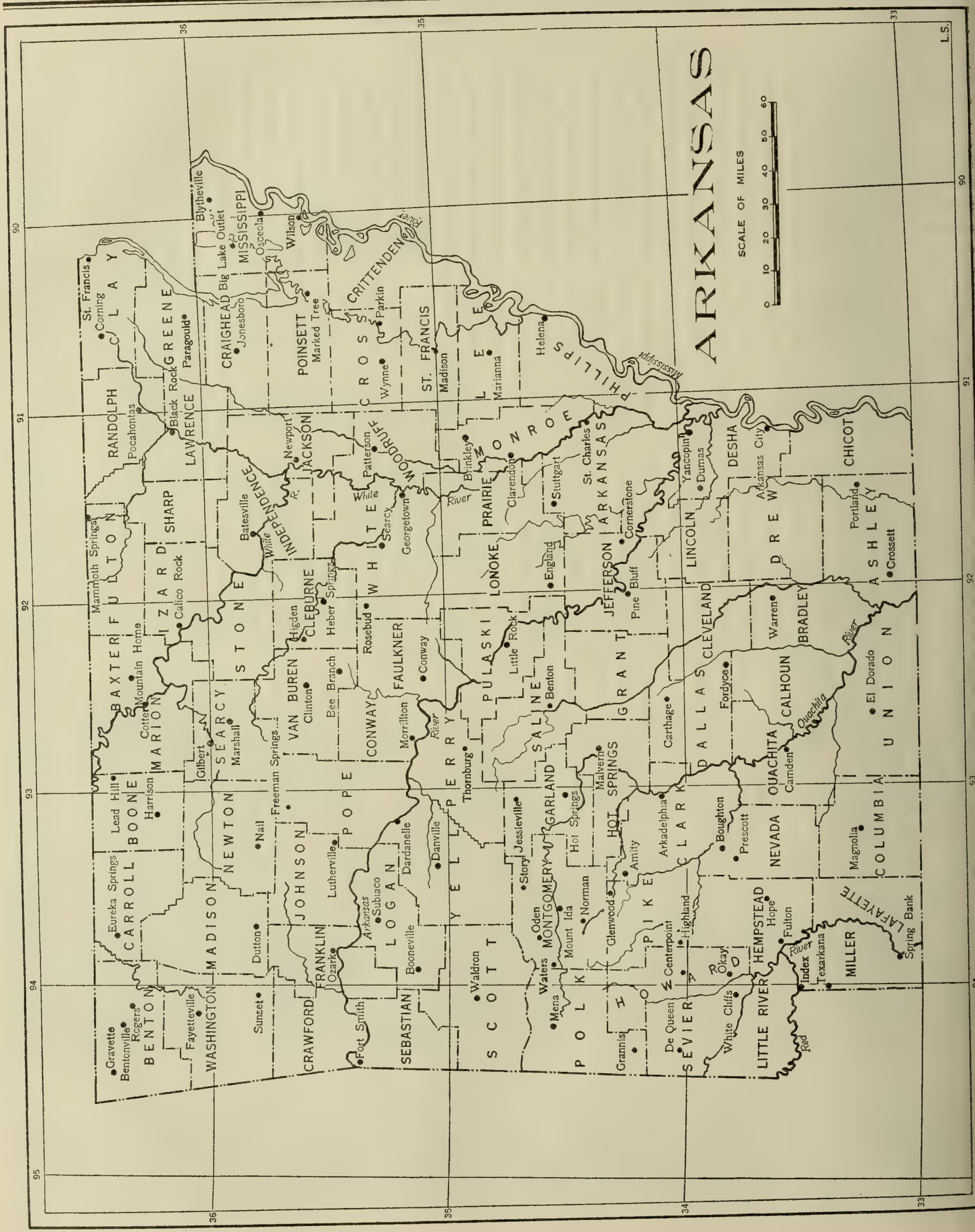
Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ope [Exp. Farm]	Evap.	.061	....	.025	*	.096	.100	...	.098	....	....	. . .	.107	.004	....	.060	.049	.024	....	. ..	.001	....	. . .	....	....	....	. . .	....	. . .	.040	.062	.071	. . . .
	Mean tem.	45	48	35	37	40	56	64	68	36	36	36	42	50	57	38	40	44	46	45	48	63	38	28	31	35	40	38	44	49	49	44	44.2
	Wind move	28	49	77	17	20	27	40	85	81	80	59	20	18	54	39	51	29	31	60	46	34	76	108	45	28	58	44	27	23	22	49	1,125
ussellville [Ozark Nursery]	Evap.	.036	.114	.104	.016	.020	.006	.046	.096	.010	.180	.012	.008	.002	.030	.058	.018	.004	.030	.032	.016	.048	.026	*	*	.002	.006	.018	.022	.050	.038	.040	1.088
	Mean tem.	46	42	32	36	38	50	56	52	32	33	35	38	45	57	44	35	43	43	38	46	44	30	24	30	34	38	36	48	47	48	42	40.8
	Wind move	40	65	125	34	33	39	43	124	70	39	29	13	6	90	60	20	38	54	48	30	48	48	15	11	16	14	11	5	20	40	65	1,293
tuttgart [Rice Exp. Farm]	Evap.	.05	. .	*	*	.13	.01	.00	.10	.04	...	.01	.01	...	.03	.11	*	.06	.03	.08	.05	.02	.13	....	....	....	..	....	....	.03	.07	.04	1.00
	Mean tem.	50	53	36	36	45	57	60	66	38	34	35	40	52	59	42	40	43	47	50	51	53	33	28	29	35	37	40	46	46	47	41	44.2
	Wind move	21	79	168	48	58	114	115	195	153	97	77	20	18	183	155	44	33	41	80	77	151	100	137	44	42	62	45	14	14	30	99	2,514

Daily River Stages for January, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ort Smith	..Arkansas	22	9.3	9.4	9.4	9.0	8.3	7.7	7.8	9.6	10 3	10.3	11.0	11.3	10.8	10.8	16.4	20.0	21.4	19.8	15.8	13.0	11.3	10.7	12.4	13.0	11.1	10.8	10.6	10.4	10.5	11.5	15.3
Van Buren	.... do	22	9.8	10.0	10 0	9.6	8 8	8.3	8.4	10.5	11.1	11.1	11.6	11.7	11.5	11.5	17.1	20.6	22.0	20.4	16.8	14.0	12.0	11.4	13.2	13.8	11.8	11.5	11.2	11.0	11.1	12.0	15.4
Danville	.Petit Jean.	20	16.3	16 3	18.3	17.0	13.3	10.7	10.6	13.8	16.4	20.8	22.3	22.1	22.0	22.4	22.8	23.5	23.3	22.1	20.5	18.1	16.0	20.9	24.3	23.2	22.8	22.6	22.2	21.2	20.0	18 1	16.0
Ozark	..Arkansas.	22	6.4	6.0	6 6	6.3	5.5	5.0	4.8	6.6	8.6	6.8	7.8	7.9	8.1	8.1	11.0	15.4	17.0	16.8	14.4	11.0	7.9	8.4	9.4	9.4	9.0	8.1	7.7	7.4	7.3	7.0	9.7
Dardanelle	......do	22	10.6	10.6	10.8	10.1	9.5	8.6	8.4	9.8	10.4	12.9	11.8	11.6	11.8	12.1	16.0	17.6	19.2	19.4	17 5	15.0	13.0	13.7	13.4	13.0	13.3	12.4	11.5	11.1	10.8	10.8	11.5
Morrilton	.... .do	20	8.1	7 6	8 4	7.8	7.0	6.1	5.4	5.6	7.4	10.1	10.3	9.1	9.8	10.0	13 1	15.2	17.0	17.8	16.4	14.2	12.4	12.1	12.6	12.1	12.3	11.8	10.9	10 3	9.8	9.6	9.8
Little Rock.	......do	23	8.9	9.2	9.2	9.6	8.8	7.8	7.1	6.7	7 8	10.1	12 2	11 9	11.6	11.7	12.6	15.7	17.3	18.7	18.2	16.3	15.4	14.4	15.2	14.9	14.9	15 0	14.2	13.4	12.6	11.9	11.3
Pine Bluff	......do .. .	25	11.4	22.8	12.8	13.1	13.0	12.1	11.4	10.9	10.8	12.5	14.8	15.7	15.5	15.2	15.5	17.4	19.6	21.3	22.1	21.0	19.8	19.3	19.4	19.5	19 3	19.3	19.0	18.3	17.6	17.0	16.5
Gilbert	..Buffalo...	30	6.1	6.2	7 0	6.1	5.9	5.4	5.2	7 6	7.5	7.1	6.5	6.0	5 9	13.3	14.1	8.3	7.0	6.7	6 0	5.6	5.3	7.3	6.6	6.0	6.2	6.0	5.9	5 9	6.3	6 5	7.0
Doniphan, Mo.	..Current ..	10	3.1	2.2	2.3	4.1	5.3	6.2	6.4	7.2	10.2	8.7	7.3	6.2	5.7	10.2	15.5	14.2	9.2	8.0	6.6	6 2	6.3	8.4	8.1	6.0	6.1	5.4	5.3	5.2	5.2	5.4	6.4
Black Rock.	...Black. ...	14	12.9	11.8	11.1	10.5	9.7	9.0	10.0	12.2	14.2	17.0	17.2	17.4	18.0	18.9	23.2	26.1	23.4	23.8	24.0	24.1	25.0	25.5	25.7	24.9	24.7	24.2	23.7	23.2	22.6	22.7	22.6
OzarkBeachMo	...White ...	30	4.8	6.0	6.2	5.7	5.6	5.0	4.6	7.2	11.8	13 8	11.0	8 1	7 5	8.1	15.2	17.7	16 0	10.9	8.5	7 4	6.4	6.0	5.8	5.4	5.6	5.4	5.5	5.6	5.4	6.8	13.0
Cotter	. .. do	21	5 5	5.9	6.5	7.1	7.1	6.8	6.8	9.1	10.7	13.9	14.5	11.1	9.5	9.8	15.8	17.3	18.5	16.0	11.4	9.4	7.3	7.5	7.3	7.0	7 0	7.3	7.0	7.0	8.4	7.8	11.6
Calico Rock. .	......do	18	6.1	6 7	7.5	7.3	6.4	6.0	5.7	10.4	10.6	12.9	13.5	11.9	9 6	11.0	27.3	21.8	18.8	17.6	12.8	9.8	8.5	11.0	9.2	7.7	7.5	7.7	7.4	7.2	7.5	8 2	10.5
Batesville	......do	23	12.5	12.7	13.5	13.9	13.0	12.1	12.1	12.6	17.8	20.3	21.1	20.9	19.0	19.4	28.0	31.2	27.7	25 8	23.4	18 9	20.3	21.0	19.8	16.4	16.4	15.6	15.2	14.5	14.7	15.4	17.2
Newport.	......do	26	11.8	13.8	14.9	15 4	15.6	14.9	14.2	14.6	17.0	20.0	22.2	23.2	23.8	23 7	25.4	27.8	29.6	30.5	30.5	29.7	29.4	29.7	30.1	29.7	29.4	28.9	28.3	27.7	27.0	26.5	26 4
Georgetown	......do	21	13.5	16 5	17.1	17.7	17.9	18.0	18.1	18.5	19.0	20.0	20.8	21.5	21.8	22.2	22.9	23.8	24.5	25.7	26.5	27.2	28.2	29 5	30.0	30.3	30 3	30 0	29.5	29.0	28.4	27.8	27 4
Clarendon	......do	26	13.7	16.7	19.0	20.2	21.0	21.6	22.1	22 6	23.1	23.7	24.3	24.9	25.4	25.8	26 8	26.8	27.4	28.4	29.2	30 0	30.9	32.0	33.0	33.9	34 7	35.2	35 6	35.7	35.7	35.5	35.3
Arkadelphia	.Ouachita..	17	8.9	11 4	13.3	13.0	12.5	11.7	11.1	10.0	12.6	18.8	21.9	19.1	14.6	13 1	17.6	16.8	14.9	16.5	13.1	11.5	22.5	25.6	26.0	24.1	21.4	17.4	15.6	12.6	11.9	11.3	10.2
Camden	.Ouachita ..	26	10.9	14.4	18.5	20.8	23.9	24.6	24.3	23.2	22.4	22.4	24.6	27.3	29.4	31.1	32 0	32 4	32.5	32.7	32.9	33.3	33.8	34.4	36.3	39.8	41.5	41.4	40.1	38.3	36.5	35 3	33.7
Whitecliffs	Little River	25	17.9	19 7	19.9	20.6	20.0	18.0	16.0	14.1	14.8	18.1	22.1	24.6	25 4	25.4	25.0	25.3	25.3	25.3	24.8	23.8	22.8	22 3	23 7	25.6	26.4	26.0	25 4	24.8	24.0	22.4	20.8
Index	....Red.....	25	13.3	13.1	12.8	12.0	11.2	10.5	9.8	9.2	9.8	14 8	16.6	16.4	15.0	13.6	13.9	17.6	18.2	17.6	16.3	15.0	15.0	15.4	15 4	15 0	14.1	14.2	14.6	14.9	14.6	14.1	14.0
Fulton	... ..do.....	25	15 9	15.7	15.6	15.3	14.9	14.4	13.9	13.1	12 7	16.1	18.3	19.1	18.8	18.3	18 3	20.7	22.4	22.0	21.4	20.7	2 .8	20.8	20.9	20.8	20.8	21.0	21.3	21.5	21.2	20.6	20.9
Big Lake Outl't	Little River.	10	6.0	6.9	8.2	9.0	9.5	9.8	9.9	9.9	10 1	10.5	11.0	11 8	12.6	13.2	13.7	14 3	14.9	15.9	16.6	17.4	18.4	19.5	20.4	20.7	20.8	20.9	20 9	20.9	20.8	20.7	20.6
St. Francis...	St. Francis.	18	14.5	16.0	16.7	17.3	17.9	19.4	20 6	20.5	20.3	20.4	20 7	21.3	22.0	22.5	22.9	22.8	23.3	25.8	26.6	25.9	25.7	25.1	23.9	23.1	22.6	22.1	21.6	21.1	20.9	20.6	20.6
St. Francis L.L.	......do	..	21.6	21.6	21.7	21.9	22.1	22.3	22.6	22.8	23.1	23.4	23.7	24 0	24.4	24.9	25 2	25.5	25.8	26.5	27.0	27.4	28.1	28.8	29.5	30.1	30.6	31.0	31.1	31.1	31.0	30.8	30 4
Marked Tree .	......do .. .	17	2.0	2.1	2 0	2.0	1.9	1.8	2.0	2.1	2.7	3.6	4 6	5.0	4 9	4.7	5.0	5.2	5.4	8.5	9 7	10.1	11.5	14 1	15.3	15.9	16.7	17.2	17.6	17.9	18.0	18.0	18.1
Parkin	... ..do	28	6.6	7.5	7.9	7.5	6.9	6.2	5 9	6.1	7.2	9.2	11.2	12.7	13.8	14.4	15.0	15 6	16.4	19.9	22.0	23.3	25.6	28.1	29.4	30.2	31.1	31.6	32.2	32.7	33.1	33.4	33.8
Madison	.... .do	32	7.1	7.9	8.3	8.3	8.0	7.6	7.7	8.7	10.5	12.7	14.8	16.5	17.9	18.9	19 8	20.6	21.6	24.0	25.3	26.7	28.8	32.0	31 9	33.2	34 1	34.9	35.6	36.1	36.6	37.0	37.4
Helena	Mississippi .	42	12.5	13.5	15.0	16.8	18.7	21.0	24.0	27.1	29.6	31.6	33.6	35.0	36.0	37.2	38.0	38 6	39.4	40.2	41 1	42.1	43.1	44 5	46.0	48.0	49 7	51.3	52.8	53.9	54.6	55.2	55.8
Arkansas City.	......do .	42	7 1	8.7	10.4	12.1	13.8	15.3	17.0	19.0	20.8	22.7	24.4	25.9	27.1	28.1	28.9	29.6	30.6	31.4	32.3	33.2	34.2	34.9	35.7	37.1	38.3	39.8	41.7	43.3	44 6	46.1	47.2

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated ***24 hours ending midnight. |||| 24 hours ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.


ARKANSAS
SCALE OF MILES
0 10 20 30 40 50 60
BENTON
CARROLL
BOONE
MARION
BAXTER
FULTON
RANDOLPH
CLAY
GREENE
LAWRENCE
SHARP
IZARD
STONE
SEARCY
NEWTON
MADISON
WASHINGTON
CRAWFORD
FRANKLIN
JOHNSON
POPE
VAN BUREN
CLEBURNE
INDEPENDENCE
JACKSON
CRAIGHEAD
MISSISSIPPI
POINSETT
CRITTENDEN
CROSS
ST. FRANCIS
WOODRUFF
WHITE
FAULKNER
CONWAY
LOGAN
SEBASTIAN
SCOTT
YELL
PERRY
PULASKI
LONOKE
PRAIRIE
MONROE
LEE
PHILLIPS
ARKANSAS
JEFFERSON
LINCOLN
DESHA
DREW
CHICOT
ASHLEY
BRADLEY
CLEVELAND
GRANT
SALINE
GARLAND
HOT SPRING
MONTGOMERY
POLK
SEVIER
HOWARD
PIKE
CLARK
DALLAS
CALHOUN
OUACHITA
NEVADA
HEMPSTEAD
LITTLE RIVER
MILLER
LAFAYETTE
COLUMBIA
UNION
Gravette
Bentonville
Rogers
Fayetteville
Eureka Springs
Lead Hill
Harrison
Cotter
Mountain Home
Mammoth Springs
Corning
St. Francis
Pocahontas
Black Rock
Paragould
Jonesboro
Big Lake Outlet
Blytheville
Osceola
Wilson
Marked Tree
Parkin
Wynne
Madison
Marianna
Helena
Brinkley
Clarendon
Stuttgart
St. Charles
Cornerstone
Pine Bluff
England
Yancopin
Dumas
Arkansas City
Portland
Crossett
Warren
Fordyce
El Dorado
Camden
Magnolia
Spring Bank
Texarkana
Index
Fulton
Hope
Prescott
Boughton
Arkadelphia
Carthage
Malvern
Benton
Little Rock
Hot Springs
Amity
Glenwood
Norman
Highland
Centerpoint
Okay
White Cliffs
De Queen
Gramsis
Mena
Waters
Mount Ida
Oden
Story
Jessieville
Thornburg
Danville
Dardanelle
Booneville
Subiaco
Waldron
Fort Smith
Ozark
Lutherville
Nail
Freeman Springs
Marshall
Gilbert
Calico Rock
Batesville
Newport
Patterson
Searcy
Georgetown
Rosebud
Heber Springs
Higden
Clinton
Bee Branch
Conway
Morrilton
Dutton
Sunset
Mississippi River
White River
Arkansas River
Ouachita River
Red River
L.S.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII Little Rock, Ark., February, 1937 No. 2

Price: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

Temperatures averaged somewhat above normal while precipitation was considerably below but February 1937 was not as dry as February 1936. Temperatures were highest either the 7th or 8th while they were considerably below normal on the 2d, 10th, and the last week of the month. The mean temperature for the State, based on the records of 61 stations, was 44.2° which is 0.7° above the 47-year average. Monthly means ranged from 36.0° at Gravette in the extreme northwestern portion to 51.8° at Magnolia in a southern border county. The highest temperature reported was 84° at El Dorado on the 8th; the lowest, 12° at both Eureka Springs and Gilbert on the 2nd. The greatest daily range was 51° at Gilbert on the 6th.

Precipitation was light to moderate in most sections of the State either the 8th or 9th and about the 14th but more general from the 18th to the 21st and on the 27th and 28th, a number of stations reporting an inch or more either the 19th or 20th. Snowfall was comparatively light, the greatest depth reported being 2.0 inches at a number of stations in the northern portion. The ground was warm and the snow soon melted. The average precipitation for the 95 stations reporting was 2.11 inches which is 1.15 inches below the 47-year mean. Of the stations for which normals have been computed, only three had positive departures. Monthly amounts ranged from 0.22 inch at Thornburg to 3.69 inches at Texarkana. The greatest amount measured in any 24-hour period was 2.21 inches at Higden on the 19th.

The high water in the lower White and St. Francis River basins continued during the first half of the month. Over 32,000 families in nineteen eastern counties were effected by the flood and more than 60% of the buildings in Phillips, Lee, and St. Francis counties damaged. In Lee County alone 1,600 houses were washed from their foundations. Losses from flood in the State during the latter part of January and the month of February were as follows: On the Arkansas River, $35,500; the Black River, $20,500; the Ouachita River, $12,500; the White River, $381,000; the St. Francis River, $2,678,936.

The soil was too wet the first half of the month for much plowing but conditions were more favorable the latter half. In the eastern lowlands thousands of acres of land were inundated most of the month. Early gardens, potatoes, truck, and spring oats were planted in the southern half of the State about the middle of the month. Peaches were blooming in some southeastern counties by the 10th but the cool weather the latter part of the month retarded their development in most other sections. Wheat, oats, meadows, and winter truck were in good condition at the close of the month. T.A.M.

Miscellaneous Phenomena
Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	1	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.
Thunderstorms	.	.	.	.	.	.	.	10	.	.	.	.	3	.	.	.	.	.	3	16	.	.	2	.	.	.	1	.	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30 08	30.67	1	29.32	7	8.9	25	s	12	..	..	..	54
Fort Smith	30.07	30.63	1	29 35	7	12.2	31	w	20	72	48	46	59
Little Rock	30.10	30.66	2	29.48	7	9.9	31	nw	15	70	56	52	55
Memphis	30.09	30.64	2	29.47	8	10.2	37	nw	8	67	61	62	47

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.5	80	6	2.92	....	8	10	9	9
1892	49.0	78	18	3 47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0 7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2 7	6	12	6	10
1900	39.7	74	− 5	5 06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2 7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	5	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	6	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4 31	0.3	9	9	8	11
1912	37.9	78	− 7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1 93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.34	2 5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47 8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1 9	8	11	4	13
1924	42 9	82	− 7	2.26	0.4	7	12	4	13
1925	49 3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35 4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3 92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	11
1932	52.0	86	9	4.72	T.	9	13	5	11
1933	41.5	82	−13	3 53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44.2	84	12	2.11	0.2	6	11	7	10
Period	43 5	93	−29	3.26	1.7	7	11	6	11

Corrections: January, 1937

Mean temperature at El Dorado should be 49.7°; departure +3.3°; State mean 41.9°; departure +0.6°. River stages at Big Lake Outlet from 24th to 31st should be 20.8; 20.9; 21.2; 21.4; 21.4; 21.3; 21.2; 21.1

Climatological Data for February, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	...	...	...	...	...	...	...	2.25	...	0.98	T.	8	11	12	5	...	L. R. Water Works
Amity	Clark	500	42	45.2	+ 0.4	79	7	25	2†	39	2.75	−0.65	1.06	0.0	7	11	10	7	...	J. W. Campbell
Arkadelphia	Clark	200	42	...	...	...	...	...	...	...	3.25	−0.36	1.20	0.0	7	12	5	11	ne.	Mrs. Ted R. Carpent
Arkansas City	Desha	145	53	...	...	...	...	...	...	...	2.91	−1.41	0.68	T	9	10	2	16	...	Herbert Neff
Batesville	Independence	277	38	41.3[a]	+ 0.5	73[a]	8	17[a]	2	37[a]	2.39	−1.05	1.30	2.0	8	..	..	..	...	Mrs. C. M. Barnwe
Benton	Saline	285	2	...	...	...	...	...	...	...	3.15	...	0.99	0.0	9	14	3	11	...	S. A. Burks
Bentonville	Benton	1295	32	38.4	− 1.2	71	7	15	1	43	1.10	−1.04	0.51	0.8	5	7	7	14	s.	U. S. Weather Bure
Big Lake Outlet. ‡‡	Mississippi	239	7	...	...	...	...	...	...	...	2.20	...	0.82	0.0	5	6	4	18	...	C. J. Brooks
Black Rock	Lawrence	259	36	...	...	...	...	...	...	...	2.18	−1.07	0.92	T	6	14	3	11	n.	Vernon C. Howe
Blytheville	Mississippi	252	12	40.3[d]	− 4.9	74	8	19[i]	2	33[i]	1.83	−0.95	0.95	0.2	5	16	4	8	n.	Samuel Norris
Booneville	Logan	465	23	43.4	− 2.8	76	7	22	11	40	1.14	−1.46	0.86	0.4	7	12	10	6	w.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	...	...	...	...	...	...	...	2.24	...	0.79	0.0	7	13	1	14	...	Harry Buie
Brinkley	Monroe	205	50	44.1	− 0.1	77	8	22	2*	33	2.41	−1.79	1.69	0.0	6	15	2	10	ne.	R J Torry
Calico Rock	Izard	361	33	43.0	+ 1.4	73	8	13	2	37	2.09	−0.67	1.07	2.0	7	10	3	15	n.	William Jones
Camden	Ouachita	116	52	51.6	+ 4.4	81	7	29	2†	48	2.22	−1.63	0.93	0.0	8	10	4	14	w.	J M. Knight
Carthage	Dallas	297	32	46.6	+ 1.8	80	7	24	5†	39	2.52	−1.14	1.45	0.0	6	5	18	5	n.	P. K. Wylie
Clarendon	Monroe	172	33	...	...	...	...	...	...	...	2.86	−1.06	1.55	0.0	9	8	6	14	ne.	R. M. Wheatley
Clinton	Van Buren	516	16	...	...	...	...	...	...	...	1.77	−1.20	1.36	T.	6	10	9	9	n	A L. Stephens
Conway	Faulkner	309	54	45.5	+ 1.1	80	7	21	2	38	2.04	−1.42	1.31	1.5	5	13	8	7	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	26	44.8	+ 0.6	78	7	26	2†	30	2.13	−1.66	0.97	0.0	7	14	6	8	n.	P. B. Hutchens
Corning	Clay	293	44	39.5	− 0.5	77	8	17	2	44	1.53	−1.82	0.46	1.0	5	15	3	10	nw.	Winfred D. Polk
Cotter	Baxter	440	10	...	...	...	...	...	...	...	1.64	...	0.65	0.5	4	13	5	10	...	O. B. McSpadden
Crosset (near)	Ashley	175	25	49.8	+ 0.4	80	7†	21	11	37	2.48	−1.26	0.80	0.0	6	8	10	10	s.	U. S. Forest Servic
Danville	Yell	327	21	...	...	...	...	...	...	...	1.37	−1.41	0.98	0.2	8	13	3	12	...	J. M. Patterson
Dardanelle	Yell	330	51	45.7	+ 0.9	79	7	22	2	39	1.24	−1.64	1.05	0.0	6	6	13	9	nw.	Geo. N. Goodier
De Queen	Sevier	426	2	47.6	...	80	7	22	11	40	1.79	...	1.16	0.0	6	18	6	4	ne.	E. B. Smith
Dumas	Desha	162	32	46.2	− 2.8	82	8	26	5†	35	3.49	−1.12	0.95	T.	7	11	7	10	n.	Ben Johnson
Dutton	Madison	1590	35	39.2	+ 0.4	68	7†	14	2	40	1.04	−1.83	0.73	T.	6	9	11	8	n.	J. M. Ricketts
El Dorado	Union	270	37	49.3	+ 0.3	84	8	28	11	39	2.87	−0.73	1.22	T	8	9	10	9	n.	E. W. Gaston
England	Lonoke	229	31	44.7[e]	− 2.1	78[e]	7	24[e]	2	39[f]	2.50	−1.30	1.52	T.	7	12[e]	3[e]	8[e]	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	39.2	− 2.0	71	7	12	2	43	1.42	−1.04	0.35	1.0	8	12	8	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	40.2	− 0.2	70	7	17	1†	42	0.94	−1.26	0.41	1.0	6	9	10	9	nw.	University of Arkai
Fordyce	Dallas	190	9	48.4	...	80	7	27	11	42	2.49	...	1.08	0.0	8	16	1	11	s.	M. G. Taylor
Fort Smith	Sebastian	448	56	43.4	+ 0.6	77	7	23	1	41	0.89	−1.67	0.40	0.3	4	9	9	10	e.	U. S. Weather Bur
Freeman Springs‡‡	Pope	2240	13	...	...	...	...	...	...	...	1.77	−1.25	0.71	0.7	6	12	2	14	sw.	R. J. McCuiston
Fulton	Hempstead	260	52	...	...	...	...	...	...	...	2.86	−0.57	1.10	0.0	4	12	1	15	...	T. J. Logan
Georgetown	White	200	25	...	...	...	...	...	...	...	2.05	−1.63	1.42	0.0	7	10	5	13	...	Mrs. W. R. Owens
Gilbert	Searcy	600	12	39.1[a]	...	70[b]	7	12[b]	2	51[b]	1.20	−1.03	0.89	1.0	4	15	4	9	...	F. J. King
Glenwood	Pike	547	2	...	...	...	...	...	...	...	2.40	...	1.06	T.	7	7	8	13	...	C. A. Price
Grannis	Polk	900	18	44.8	− 0.8	78	7	22	14†	43	1.87	−2.39	1.24	T.	6	12	9	7	w.	W. E. McVay
Gravette	Benton	1250	40	36.0	− 3.1	72	7	14	2	37	2.12	+0.23	0.74	T	5	17	8	3	nw.	Max W. Schmidt
Harrison	Boone	1052	37	39.3	+ 0.3	69	7	14	2	39	1.77	−0.73	0.72	1.0	6	14	5	9	sw.	Louis R. Keck
Heber Springs	Cleburne	...	2	...	...	...	...	...	...	...	2.42	...	1.06	T.	6	9	9	10	...	Valena Black
Helena	Phillips	300	65	...	...	77	8	...	...	...	2.45	−1.44	0.60	T.	8	8	6	14	n.	James A. Burnett
Higden	Cleburne	445	18	...	...	...	...	...	...	...	2.74	+0.06	2.21	T.	4	14	2	12	n.	Trumon Brown
Highland	Pike	491	18	48.0	...	78	7	25	2	36	2.64	...	1.81	0.0	5	6	15	7	e.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	46.2	− 2.2	80	7	26	5	44	2.92	−0.90	1.20	0.0	7	7	11	10	sw.	Experiment Farm
Hot Springs	Garland	600	46	47.4	+ 0.4	80	7	23	2	37	2.79	−0.72	1.74	T.	9	6	15	7	n.	National Park Ser
Index ‡‡	Little River	275	20	...	...	...	...	...	...	...	2.35	−0.46	0.95	0.0	3	13	2	13	...	W. E. McDowell
Jessieville	Garland	750	11	...	...	...	...	...	...	...	1.84	−1.12	1.28	T.	9	8	10	10	sw.	U. S. Forest Servic
Jonesboro	Craighead	345	42	41.7	− 0.7	75	8	19	2	33	2.18	−1.46	0.89	T.	6	6	9	13	sw.	Benedictine Sisters
Lead Hill	Boone	650	31	38.3	− 0.1	70	7†	13	2	47	1.64	−0.60	0.78	T.	5	11	9	8	nw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	58	44.2	− 0.7	78	7	23	2	36	2.00	−1.84	1.60	T	7	8	8	12	s.	U. S. Weather Bu
Little Rock Airway	Pulaski	257	1	45.2	...	79	7	23	3†	37	2.12	...	1.79	T.	7	8	8	12	s.	Airway Observer
Lutherville ‡‡	Johnson	775	38	43.2	+ 0.8	75	7	18	2	37	0.76	−2.32	0.41	1.0	5	11	6	11	sw.	H. G. Lenhardt
Madison	St. Francis	209	7	...	...	...	...	...	...	...	2.04	...	1.05	T.	6	10	2	16	...	J. W. Eppes
Magnolia	Columbia	315	21	51.8[c]	+ 0.4	80[c]	7†	28[c]	11	38[c]	...	...	...	0.0	..	6[c]	14[c]	5[c]	sw.	State Agri. School
Malvern	...	277	51	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	
Mammoth Spring	Fulton	600	33	40.4	+ 0.1	72	8	18	2†	38	1.73	−1.21	0.81	2.0	6	10	11	7	se.	S. F. Whittaker
Marianna	Lee	235	26	46.4	+ 0.6	80	7†	27	2†	35	2.25	−1.69	0.77	0.0	7	10	13	5	s.	C. N. Houck
Marked Tree	Poinsett	229	33	40.4	− 3.0	70	8	22	2	32	2.20	−1.62	0.80	T	6	6	11	11	s.	Charles Walton
Mena	Polk	1207	49	44.4	+ 0.2	76	7	23	2†	39	1.95	−1.37	1.55	0.2	6	17	5	6	sw.	E. W. St. John
Monticello	Drew	...	2	...	...	...	...	...	...	...	2.21	...	0.98	0.0	6	.	..	..	...	Soil Conservation
Montongo	Drew	...	2	...	...	...	...	...	...	...	2.50	..	0.95	0.0	5	16	3	9	s.	Soil Conservation
Morrilton	Conway	315	18	45.4	0.0	76	7	21	2	39	1.63	−1.11	0.77	0.0	7	6	17	5	s.	Mrs. Freda M. Ash
Mountain Home	Baxter	800	25	40.7[a]	− 1.6	70[a]	7†	13[a]	2	45[a]	1.45	−1.30	1.05	T.	3	9[a]	5[a]	13[a]	w.	B. S. Halbert
Mount Ida	Montgomery	702	38	43.8	− 1.8	78	7	16	11	43	2.04	−1.50	1.30	T.	4	12	6	10	w.	G. A. Whittington
Newport	Jackson	231	54	43.6	+ 1.6	73	7	21	2	36	2.22	−1.02	1.22	1.3	7	11	7	10	s.	J. D. Henderson
Norman	Montgomery	687	9	...	...	...	...	...	...	...	1.83	...	1.83	0.0	1	13	1	14	nw.	U. S. Forest Servi
Okay	Howard	288	9	49.8[a]	...	81	7	24[b]	11	40[b]	2.93	...	2.00	0.0	5	14	7	7	s.	Charles R. Jackson
Ozark	Franklin	396	42	42.8	− 0.6	75	7	20	2†	40	1.60	−0.77	0.44	T.	7	7	8	13	se.	Orkney O. Milton
Paragould	Greene	275	14	...	...	...	...	...	...	...	1.81	−1.92	0.58	T.	5	9	7	12	se.	W. R. Heagler
Parkin	Cross	222	7	...	...	...	...	...	...	...	1.48	...	0.81	T	3	10	3	15	...	Carroll King
Patterson	Woodruff	204	21	...	...	...	...	...	...	...	1.94	−2.04	1.41	0.0	3	12[j]	4[j]	2[j]	sw.	W. E. Baker
Pine Bluff	Jefferson	215	50	47.0	+ 0.5	79	8	27	2†	35	2.26	−1.65	0.73	0.0	8	12	6	10	nw.	Miss Theresa Sche
Pine Ridge	Montgomery	840	13	...	...	...	...	...	...	...	1.70	−1.84	1.33	0.0	2	11	12	5	nw.	J R. Huddleston
Pocahontas	Randolph	300	44	41.4	− 0.2	70	8	17	2	29	2.74	−0.60	1.10	2.0	6	12	5	11	n.	Benedictine Sister
Portland	Ashley	122	31	48.4	− 1.3	82	8	25	11	34	2.78	−1.39	1.12	0.0	8	14	3	11	sw.	W E. Edmiston
Prescott	Nevada	318	49	49.4	+ 2.0	81	7	26	2	37	3.11	−0.59	1.07	0.0	7	14	4	10	e.	Craig Williams
Rock Springs	Drew	...	2	...	...	...	...	...	...	...	2.53	...	0.95	0.0	5	15	3	10	sw.	Soil Conservation
Rogers (near)	Benton	1300	47	40.6	+ 1.1	72	7	14	2	43	0.62	−1.25	0.19	1.2	6	12	9	7	ne.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	3	...	...	...	...	...	...	...	2.09	...	1.74	T	4	10	4	14	s.	Miss Clarice Mad
Russellville[Evap]	Pope	526	25	45.4	+ 5.5	78	7	22	2	38	1.83	−1.45	1.40	0.0	5	18	0	10	se.	U. S. Forest Servi
St. Charles	Arkansas	175	4	45.8	...	74	8	25	28	32	2.55	...	0.80	T	6	9	11	8	s.	U. S. Biological Su
St. Francis	Clay	290	10	...	...	...	...	...	...	...	1.59	−1.84	0.43	1.0	6	14	4	10	...	A Boyce Boyd, J
Searcy	White	245	27	44.1	− 1.0	77	7	20	2	36	2.04	−1.29	1.57	0.0	8	14	2	12	ne.	Walter Smith
Springbank ‡‡	Miller	240	28	...	...	...	...	...	...	...	2.87	−0.53	0.97	T.	9	9	3	16	...	Henry Field
Story	Montgomery	650	13	...	...	...	...	...	...	...	1.98	−1.48	1.40	T.	4	12	8	8	n.	S. C. Story
Stuttgart	Arkansas	214	50	44.6	− 0.6	78	7	25	2†	33	3.23	−0.75	0.78	T.	8	15	7	6	n.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	2	44.1	...	77	8	25	2	38	2.55	...	0.93	T.	10	..	..	..	...	Rice Experiment
Subiaco	Logan	750	40	44.7[c]	+ 0.9	77[c]	7	22[c]	2	39[c]	1.20	−1.65	1.08	T.	3	8[c]	8[c]	9[c]	...	New Subiaco Abb
Texarkana	Miller	332	52	49.8	+ 1.4	81	7	29	2	35	3.69	+0.31	1.87	0.0	2	14	8	6	n.	H. S. Brashear
Thornburg	Perry	650	17	43.6	− 0.8	78	7	20	2†	42	0.22	−3.20	0.12	0.2	5	12	7	9	s.	Edward E. Holm
Waldron	Scott	675	18	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	Dr. Cheves Bevill
Whitecliffs	Little River	290	31	...	...	...	...	...	...	...	2.35	−0.80	1.40	0.0	3	15	7	6	...	L. M. Snead
Wilson	Mississippi	237	12	42.7	− 2.5	70	8	21	2	33	1.02	−2.13	0.46	T.	4	13	2	13	s.	D. O. Anderson
Wynne	Cross	250	29	43.3	− 1.0	75	8	18	2	43	2.22	−1.46	1.05	T.	6	15	6	7	s.	B. M. Eddins
Yancopin	Desha	167	13	...	...	...	...	...	...	...	3.12	−1.10	0.72	T.	9	13	2	13	...	W. E. Barton
State Means				44.2	+ 0.7	84	8	12	2	51	2.11	−1.15	2.21	0.2	6	11	7	10	s	

Daily Precipitation for February, 1937

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser	Ouachita									.40					.06				.02	.98	.51	.04			.03			.21					2.25
Amity	Ouachita									.20					.15					.65	1.06	.14			.35				.20				2.75
Arkadelphia	Ouachita									.51					T.					.60	1.20	.10			.32			.38	.14				3.25
Arkansas City	Mississippi									35					17				.03	.17	.41	.45			.35		T.	.68	.30				2.91
Batesville	White								.02	.53				T.	.20					.02	1.30	.18			T.			.03	.11				2.39
Bee Branch	Arkansas																																....
Benton	Saline									.40				.02	.04					.79	.99	.44			.22			.18	.07				3.15
Bentonville ***	Arkansas	T.							.22											30	.51	.02				T	T	05					1.10
Big Lake Outlet	St. Francis						T.	T.		.75					.82				.05		.50	T.							.08				2.20
Black Rock	White									66			T.	.09	.25				T.		.92	.18							.08				2.18
Blytheville	St. Francis									.38					.95				.05		.30								.15				1.83
Booneville	Arkansas	.01							.02					.01					.08	.86	.06							.10					1.14
Boughton	Ouachita									.15										.61	.79	.11			.09			.45	.04				2.24
Brinkley	White								.11					.28					T.	1.69	.03				.08			.22					2.41
Calico Rock	White									.15					.17				.02	.33	1.07	.15							.20				2.09
Camden	Ouachita													.03	.02					.48	.31	.08			.31			.93	.06				2.22
Carthage	Ouachita													.18						1.45	.10				.23		.25	.31					2.52
Clarendon	White									.39				.04	.25				.07	.02	1.55	T.			.30			.16	.08				2.86
Clinton	White								.15					.06				.01		1.36	.09							.10					1.77
Conway	Arkansas								.51					.04						1.31	.03							.15					2.04
Cornerstone	Arkansas							T.	.18					.13				T.		.97	.16				.35		*	.34					2.13
Corning	White									.36					.43						46	.11							.17				1.53
Cotter	White																			.65	.36	.45							18				1.64
Crossett [near]	Ouachita	.80																	30	.48	.25						.50	.15					2.48
Danville	Arkansas	.03													.04				.04	.98	.12	.01						.06	09				1.37
Dardanelle	Arkansas									.01									.05	1.05		.06						.03	.04				1.24
De Queen	Red								.06					.04						1.16	.04				.25			.24					1.79
Dumas	Mississippi								95					.20				T		.92	.25				.47		.10	.60					3.49
Dutton	White	T.							04					.03					T.	.73	.21	.02				T.	T.	.01					1.04
El Dorado	Ouachita							T.		.33	T.				.04					.58	.18	.22			.13			1.22	.17				2.87
England	Arkansas						T		.21					.10				T.		1.52	.07			T.	.24		.05	.31					2.50
Eureka Springs	White	.22							.35					.07					.03	.35	.27	.03						.10					1.42
Fayetteville	White	.12		T.					.41					T.				T.	T.	.16	.17	.04				T.	T.	.04					0.94
Fordyce	Ouachita								.06					.10				T.		1.08	.17			.03	.40		18	.47					2.49
Fort Smith ***	Arkansas	T.							.05					T.				T.		.40	.40						T.	.04					0.89
Freeman Sprgs	Arkansas									.07					.18					.71	.34	.44						T.	.03				1.77
Fulton	Red														T.					.88	1.10	T.			.08			.80					2.86
Georgetown	White	T.								.08				.09	.17				T.	T.	1.42	.07			.05			T.	.17				2.05
Gilbert	White									.10										.89	.06								.15				1.20
Glenwood	Ouachita							.10						.15						1.06	.56	.08			.10			.35	T				2.40
Grannis	Red							T.	.10					.05					T.	1.24	.14			T.	T.		.16	.18					1.87
Gravette	Arkansas	.22							.36										.18	.74	.62							T.					2.12
Harrison	White		.02						.28					.06						.72	.60							.09					1.77
Heber Springs	White									.50					.18					.28	1.06	.27						T.	.13				2.42
Helena	Mississippi							.01		.60					29						.26	.45			.50			.11	.23				2.45
Higden	White													.14						2.21	.36							.03					2.74
Highland	Ouachita								.11											1.81					.20		.28	.24					2.64
Hope [Evap]	Red									.05				T.						.46	1.20	.07			.30			.74	.10				2.92
Hot Springs	Ouachita								.17					.19					.02	1.74	.13				.25		.05	.23	.01				2.79
Index	Red													T.	T.					.90	.95							.50	T				2.35
Jessieville	Ouachita								.12					.02				.04		1.28	.04			*	.08		*	.26					1.84
Jonesboro	White									.50				.09	.52				T.		.89	.10							.08				2.18
Lead Hill	White	T							30					T						.45	.78	.04						.07					1.64
Little Rock ***	Arkansas							T.	.09					.05				T.		1.60	.07			.10			.04	.05					2.00
LittleRock Airway	Arkansas							T.	.06					.04				T.		1.79	.01	.03		T.	.11		T	.08					2.12
Lutherville	Arkansas								.02					.10						.41	.16							.07					0.76
Madison	St. Francis									.57				T.	.30				.03		1.05	T.			.04			.05	T.				2.04
Magnolia	Red													.08						.50	.26												....
Mammoth Spg	White									.04					.11					.16	.81	.20	T.						.41				1.73
Marianna	St. Francis								.55					.10					.10	.77	.15	.05						.53					2.25
Marked Tree	St. Francis								03		.50				.70			.05			.80								.12				2.20
Mena	Ouachita	T.							T.	.10				T.					T.	1.55	.05	.04			T.			.20	.01				1.95
Monticello	Ouachita									.05				.08						98	.20			.20				.70					2.21
Montongo	Ouachita													.30						.95	.30			.35				.60					2.50
Morrilton	Arkansas	.04								.20				.03	.08					.77	.41								.10				1.63
Mountain Home	White													30						1.05	T.							.10					1.45
Mount Ida	Ouachita																			1.30					.24		05	.45					2.04
Newport	White									.25				.02	.42				03		1.22	.17			T.				.11				2.22
Norman	Ouachita																			1.83													1.83
Okay	Red								T.					T						2.00	.09				.13		.30	.41					2.93
Ozark	Arkansas	.05								.23				T.	.06				T	.31	.44	31						T.	20				1.60
Paragould	St. Francis								T.	33				.34	37						.58								.19				1.81
Parkin	St. Francis							T.		.20				T	.47				T.		.81	T.			T.				T.				1.48
Patterson	White								*					.53						1.41													1.94
Pine Bluff	Arkansas							T	.11	T.				T.	.19				T.	.32	.73	.08			.45			.30	.08				2.26
Pine Ridge	Ouachita																				1.33	T.						.37					1.70
Pocahontas	White								1.10					.33						.90	.09	.12						.20					2.74
Portland	Ouachita									.02					.12				.06	.57	.35				.09			.45	1.12				2.78
Prescott	Ouachita									.04					T.					.53	1.07	.12			.57			.70	.08				3.11
Rock Springs	Ouachita													.20						.95	.25				.46			.67					2.53
Rogers (near)	White	.09							.11									T.		.19	.13	.05						.05					0.62
Rosebud	Arkansas									.11										1.74	.17							.07					2.09
Russellville	Arkansas													.04						1.40	.08	.23						.08					1.83
St. Charles	White							T.	.15	T.				.22	T.			T.		.62	.01				.80		T.	.75					2.55
St. Francis	St. Francis								T	.36				.05	.43				.07		.32								.36				1.59
Searcy	White	.02						.02		.16				T	.06				T.	.05	1.57				.01				.15				2.04
Springbank	Red	.02					T.			.02	T.			T.	.02					.88	.55	.26			.02		T.	.97	.13				2.87
Story	Ouachita																			1.40	.22				.12			.24					1.98
Stuttgart	Arkansas									.78					.08				.12	.63	.70				.46			.35	.11				3.23
Stuttgart [Evap]	Arkansas	T.						T.		.27				.05	.25				.01	.14	.93	.13			.43			.23	.11				2.55
Subiaco	Arkansas													T.					T.	1.08	.02	T.					T.	.10					1.20
Texarkana	Red																			1.87								1.82					3.69
Thornburg	Arkansas	T.							.05					.01				T			.02			T.			.02	T	.12				0.22
Waldron	Arkansas																																...
Warren	Ouachita																																....
Whitecliffs	Red								T.					T.						1.40	.32							.63					2.35
Wilson	Mississippi							.07		.40									.09		.46							T.					1.02
Wynne	St. Francis									.55					.32						1.05	.10			.07				.13				2.22
Yancopin	Arkansas									72					.19				.01	.07	.67	.30			.47			.35	.34				3.12

Daily temperatures for February, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	44	34	50	55	62	65	79	73	59	51	60	61	68	62	69	60	56	67	60	65	60	66	59	62	55	50	45	47				58.
	Minimum	37	25	26	30	25	26	49	50	33	27	26	25	36	28	30	30	31	29	29	49	34	28	32	36	34	29	29	28				31.
Batesville	Maximum	40	32	44	45	55	59	62	73	52	43	56	58	56	58	67	51	47	..	50	61	49	59	53	57	37	37	34	37				50.
	Minimum	31	17	26	32	18	39	37	43	28	21	23	39	48	21	47	31	29	..	46	49	36	29	32	30	28	23	28	27				31.
Bee Branch	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				..
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				..
Bentonville ***	Maximum	32	34	38	39	57	52	71	66	43	40	55	55	55	53	49	51	55	59	60	66	38	62	50	47	30	35	33	37				48.
	Minimum	15	16	30	17	28	41	43	23	22	17	31	41	32	29	29	26	36	32	45	32	27	31	31	30	20	22	25	18				28.
Blytheville	Maximum	36	30	46	41	52	56	70	74	49	34	53	58	52	53	65	48	40	58	51	62	60	54	49	53	45	40	36	37				50.
	Minimum	28	19	27	30	22	40	37	48	..	..	..	..	..	25	43	28	..	..	..	..	35	30	33	30	25	22	31	27				30.
Booneville	Maximum	41	33	42	48	62	57	76	74	51	47	61	59	60	59	56	55	59	66	60	59	59	59	59	54	50	34	35	41				54.
	Minimum	26	23	29	31	25	44	45	34	28	24	22	37	52	26	46	29	39	28	45	49	34	27	34	30	28	28	30	25				32.
Brinkley	Maximum	42	36	50	52	55	57	75	77	53	42	56	62	57	56	69	55	50	61	55	62	62	61	56	58	53	40	38	37				54.
	Minimum	33	22	27	28	22	41	45	52	32	25	23	36	43	26	45	32	32	34	39	50	38	31	37	33	30	26	33	28				33.
Calico Rock	Maximum	53	36	45	47	58	58	72	73	47	48	60	58	61	60	65	51	53	51	64	65	65	60	62	56	52	39	43	40				55.
	Minimum	27	13	27	27	22	36	38	40	27	21	23	39	50	28	46	31	32	30	29	50	34	28	31	29	25	24	30	27				30
Camden	Maximum	52	40	51	57	62	72	81	80	78	78	59	63	70	69	75	73	62	67	66	68	72	65	66	63	63	59	48	47				64
	Minimum	38	29	32	32	30	50	56	58	37	30	29	36	52	30	46	33	43	31	49	58	39	31	43	40	37	33	32	32				38
Carthage	Maximum	45	37	48	55	59	69	80	76	62	43	63	64	71	61	71	61	56	65	61	66	68	55	55	60	49	35	37	45				57
	Minimum	36	25	28	28	24	49	49	54	34	27	24	33	46	26	44	31	42	27	45	57	37	28	37	37	32	29	31	30				35
Center Point	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				..
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				..
Conway	Maximum	42	35	46	54	61	64	80	76	51	48	62	65	63	61	69	53	54	64	56	65	61	65	61	60	56	55	36	47				57
	Minimum	34	21	26	30	24	43	45	48	31	24	26	33	45	26	44	31	35	28	44	55	35	27	36	31	29	27	32	27				33
Cornerstone	Maximum	42	37	47	45	55	64	78	73	57	44	50	59	55	55	69	54	47	56	57	60	61	58	58	58	55	36	35	39				53
	Minimum	36	26	29	31	26	46	48	55	34	28	26	36	46	29	45	32	33	31	44	55	39	30	41	38	33	30	32	29				36
Corning	Maximum	31	31	45	43	49	56	66	77	43	36	53	60	51	55	57	48	42	62	52	59	59	56	47	52	38	41	35	38				49
	Minimum	24	17	26	27	21	35	33	33	26	19	26	37	37	32	40	30	29	33	38	48	34	27	32	28	22	20	30	25				29
Crossett	Maximum	58	48	54	57	60	72	80	80	68	49	57	63	66	69	74	71	57	63	62	68	65	64	72	66	59	56	40	42				62
	Minimum	36	30	32	35	30	47	62	45	38	26	21	26	50	42	52	36	38	29	48	57	40	26	44	29	34	31	33	30				37
Dardanelle	Maximum	41	34	46	51	61	64	79	75	52	48	62	62	64	59	66	56	58	64	61	70	67	67	61	59	55	38	37	44				57
	Minimum	33	22	28	32	25	43	46	44	32	25	26	34	49	27	43	30	38	30	43	54	35	28	36	32	32	28	31	28				34
De Queen	Maximum	49	40	48	58	61	70	80	75	55	53	60	60	70	60	67	65	59	66	63	70	67	66	63	64	61	46	38	49				60
	Minimum	34	27	30	26	27	42	43	51	35	30	22	30	53	26	38	31	44	29	49	60	35	26	35	36	38	30	31	27				
Dumas	Maximum	41	36	45	55	57	66	78	82	56	42	45	64	64	60	72	56	48	68	58	62	59	55	62	62	52	41	37	38				
	Minimum	35	28	30	32	26	45	47	54	37	28	26	34	45	31	45	33	37	33	45	54	39	35	42	40	30	30	33	31				
Dutton	Maximum	41	32	41	49	54	58	68	68	45	41	51	53	54	53	55	50	51	56	53	64	54	57	56	50	44	33	32	40				
	Minimum	20	14	26	22	21	34	45	28	21	17	20	37	46	20	42	24	28	21	42	52	31	23	48	25	22	22	26	19				
El Dorado	Maximum	51	40	52	59	63	72	83	84	60	50	60	63	69	67	75	62	54	67	65	69	58	65	71	64	55	46	38	46				
	Minimum	40	31	32	30	31	49	63	59	39	30	28	34	33	31	36	34	44	33	41	40	39	32	45	43	37	33	33	33				
England	Maximum	42	35	49	53	59	63	78	..	..	..	..	63	63	..	70	55	48	63	56	62	60	65	55	58	51	42	36	44				
	Minimum	33	24	28	31	28	45	..	..	26	..	..	36	47	..	31	31	36	30	43	55	38	30	39	34	32	29	32	28				
Eureka Springs	Maximum	32	33	40	42	56	54	71	68	45	43	55	56	56	55	53	53	54	62	60	66	44	61	57	49	38	34	32	39				
	Minimum	15	12	26	18	27	39	41	25	19	13	31	43	43	28	40	24	26	32	44	44	26	31	29	30	18	20	26	16				
Fayetteville	Maximum	34	34	38	41	56	54	70	68	42	40	54	55	54	53	53	57	54	58	58	65	49	60	59	49	44	35	34	37				
	Minimum	17	17	30	20	26	42	45	26	23	19	31	41	48	30	44	26	35	32	46	49	27	32	32	29	20	23	27	19				
Fordyce	Maximum	47	38	49	57	61	70	80	78	60	47	69	63	65	61	70	66	62	64	63	62	61	65	61	59	58	45	36	43				
	Minimum	38	28	29	32	28	46	58	58	36	29	27	34	50	29	52	54	31	35	41	41	39	30	42	39	35	31	31	31				
Fort Smith***	Maximum	39	33	41	45	63	62	77	71	50	44	59	60	61	57	57	51	61	64	59	71	43	66	55	56	39	34	36	41				
	Minimum	23	24	30	27	29	47	43	30	29	25	28	42	42	33	35	32	42	34	44	38	33	32	40	38	28	29	30	25				
Gilbert	Maximum	50	38	30	46	40	68	70	..	..	45	51	59	60	54	61	62	53	52	64	58	67	50	54	59	55	36	38	33				
	Minimum	29	12	23	24	15	17	40	50	23	15	24	30	43	21	40	27	27	23	35	41	27	19	20	23	22	18	26	20				
Grannis	Maximum	46	41	48	57	60	66	78	70	54	52	58	60	68	58	64	62	63	64	60	68	62	65	58	65	52	43	35	58				
	Minimum	23	23	29	27	23	41	40	43	31	25	29	26	50	22	34	30	29	25	44	57	31	22	31	29	31	27	28	24				
Gravette§§	Maximum	23	36	37	35	57	51	72	40	41	42	55	56	54	53	48	52	60	60	61	40	61	51	48	30	33	32	38	38				
	Minimum	17	14	17	18	22	35	40	37	20	17	18	34	39	22	23	26	26	29	47	27	27	30	26	20	20	24	17	18				
Harrison	Maximum	48	27	42	39	54	51	69	66	42	38	55	55	55	57	55	48	53	59	54	64	52	50	53	49	40	32	32	42				
	Minimum	20	14	25	22	28	36	41	27	23	18	25	39	43	28	42	27	32	31	43	50	29	28	29	28	20	21	29	22				
Helena	Maximum	42	38	50	47	56	61	73	77	51	37	52	60	55	56	66	55	45	60	55	63	60	59	55	55	51	40	38	38				
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
Highland	Maximum	51	40	49	57	60	70	78	70	60	52	58	60	68	63	73	65	58	66	62	67	69	60	65	62	67	48	36	49				
	Minimum	31	25	28	36	30	44	52	51	32	27	27	33	50	34	41	29	41	34	45	57	33	29	39	36	33	29	29	28				
Hope §§	Maximum	44	36	50	58	62	73	80	74	51	50	58	61	69	61	68	62	54	66	66	68	51	65	57	61	52	36	36	46				
	Minimum	39	28	28	29	26	29	52	55	36	28	29	32	35	30	44	30	31	32	32	55	36	33	37	39	35	32	31	30				
Hot Springs	Maximum	44	35	49	54	62	68	80	79	55	53	61	64	66	62	67	67	61	65	66	63	66	65	64	62	58	42	34	48				
	Minimum	31	23	28	34	29	47	49	51	33	27	27	34	50	28	45	30	39	31	44	57	35	34	40	32	31	28	29	28				
Jonesboro	Maximum	38	32	46	43	51	53	68	75	50	39	55	60	52	54	65	49	45	61	50	60	60	56	50	56	48	39	36	34				
	Minimum	29	19	27	33	24	38	35	49	29	22	26	35	45	32	46	31	30	36	38	48	35	31	33	32	26	23	31	26				
Lead Hill	Maximum	35	30	44	39	53	53	70	70	44	36	50	64	54	58	57	40	50	59	55	66	53	56	56	46	43	35	36	37				
	Minimum	20	13	25	20	18	32	40	29	22	17	20	17	46	25	39	28	27	27	41	45	30	23	28	26	19	19	28	33				
Little Rock.***	Maximum	40	30	46	50	59	62	78	73	46	43	56	61	60	56	66	52	50	61	58	63	49	62	50	56	43	35	35	42				
	Minimum	29	23	29	35	32	49	47	37	32	27	28	37	45	32	48	32	40	34	47	49	35	31	39	39	31	28	32	28				
Little Rock [Airway]	Maximum	42	35	47	52	60	65	79	75	50	44	58	62	62	59	69	52	48	62	56	63	61	64	57	57	53	37	35	44				
	Minimum	35	24	23	34	23	50	47	49	33	27	24	34	43	29	47	32	35	32	42	54	37	30	38	36	34	28	32	28				
Lutherville	Maximum	42	32	47	49	58	57	75	71	51	49	58	60	62	55	63	51	55	62	54	65	63	64	57	55	51	37	35	41				
	Minimum	29	18	26	28	28	42	45	42	28	20	25	37	48	29	42	27	37	30	41	52	32	27	34	32	27	24	28	25				
Magnolia	Maximum	56	55	52	57	62	72	80	80	60	50	60	62	75	69	79	60	59	66	67	70	73	65	72	66	..	..	..	40				
	Minimum	37	29	31	30	30	50	57	60	37	30	28	36	51	31	47	33	44	35	49	59	37	32	44	41	..	..	..	31				
Malvern	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
Mammoth Spring	Maximum	43	35	45	42	51	54	52	72	43	46	52	62	54	50	64	50	56	63	53	59	62	58	56	51	43	44	41	35				
	Minimum	27	18	28	24	19	34	33	34	26	18	26	30	38	31	41	30	34	33	37	42	32	24	33	34	21	22	30	25				
Marianna	Maximum	40	48	48	50	58	59	80	80	55	44	55	62	60	60	70	64	49	58	58	65	65	65	59	58	55	40	42	50				
	Minimum	34	27	32	34	28	43	45	45	34	29	27	36	47	32	39	34	35	36	43	50	30	30	40	41	34	30	34	30				
Marked Tree§§	Maximum	48	34	47	42	51	49	68	70	39	42	52	55	52	53	65	47	44	59	52	61	46	52	53	46	35	40	35	35				
	Minimum	30	22	24	32	29	32	39	38	30	26	25	35	44	30	36	33	32	32	41	46	38	31	36	33	29	25	27	27				
Mena	Maximum	42	35	49	52	60	60	76	70	49	48	57	58	65	59	61	57	59	67	59	67	58	63	57	59	49	30	33	45				
	Minimum	29	23	28	30	28	48	45	37	29	25	28	37	51	27	42	29	40	28	46	56	32	29	40	33	30	26	27	23				
Morrilton	Maximum	48	44	45	50	58	60	76	74	69	64	59	60	60	57	65	57	53	62	60	65	67	64	58	58	52	45	41	43				
	Minimum	32	21	27	33	26	43	45	46	30	25	27	35	45	28	46	32	37	30	42	36	35	28	35	34	31	26	30	28				
Mountain Home	Maximum	36	31	45	41	55	54	70	70	65	41	60	58	58	58	60	52	50	62	53	64	62	70	52	50	39	37	35	..				
	Minimum	23	13	25	22	21	36	35	30	25	17	17	31	46	26	42	27	32	28	40	48	30	25	28	26	29	21	26	..				
Mt. Ida	Maximum	43	36	51	48	59	65	78	75	44	44	57	56	62	58	66	51	50	65	59	64	63	60	60	62	52	47	35	48				
	Minimum	30	21	29	30	19	40	48	40	32	18	16	42	55	21	50	30	35	22	42	56	35	23	29	29	25	28	29	26				
Newport	Maximum	40	35	42	44	55	59	73	72	47	41	55	60	55	59	67	50	47	60	55	61	61	57	55	57	53	47	37	41				
	Minimum	33	21	28	34	26	42	37	47	30	24	29	38	47	32	47	32	34	36	42	50	37	30	35	33	29	25	32	27				
Okay	Maximum	50	40	51	60	62	74	81	80	63	55	59	62	72	79	71	65	64	67	66	70	71	66	65	60	61	52	40	47				
	Minimum	38	28	31	28	27	48	50	61	31	29	24	29	52	..	..	33	45	27	49	61	35	29	41	39	37	31	32	30				
Ozark	Maximum	42	33	42	51	61	62	75	70	52	45	60	61	62	55	60	55	58	62	59	70	52	65	57	59	52	36	35	44				
	Minimum	28	20	28	29	24	43	45	33	28	20	20	30	38	25	40	28	37	27	42	50	32	25	35	29	28	27	30	23				
Pine Bluff	Maximum	44	35	57	56	62	66	68	79	53	45	60	65	65	60	72	56	51	67	59	63	61	65	54	59	48	41	37	43				
	Minimum	33	27	30	33	27	48	49	52	35	29	28	37	49	30	48	33	39	33	48	57	39	31	45	38	35	30	32	30				
Pocahontas	Maximum	40	35	40	42	50	58	53	70	46	45	54	58	57	56	65	59	48	58	57	59	59	55	50	54	50	40	43	36				
	Minimum	29	17	27	29	21	36	35	45	27	21	29	33	45	29	45	31	32	35	37	47	35	28	33	29	24	22	31	26				
Portland	Maximum	48	42	52	56	61	71	77	82	59	45	56	63	64	62	74	67	50	63	59	65	60	65	73	66	54	44	38	40				
	Minimum	41	30	30	36	28	46	61	58	37	27	25	31	45	31	41	36	38	35	38	55	41	31	42	43	37	30	33	33				
Prescott	Maximum	50	37	50	58	63	73	81	76	61	60	63	64	70	68	70	64	60	67	65	68	66	64	61	60	58	51	36	47				
	Minimum	36	26	29	30	27	49	53	57	35	29	34	39	51	31	42	31	44	31	47	58	39	29	43	38	34	30	30	30				

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to precedi

Daily temperatures for February, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Rogers	Maximum	36	35	40	42	58	58	72	59	46	43	57	57	56	55	54	52	56	62	61	68	51	61	62	50	47	35	35	38				52.0
	Minimum	16	14	28	18	22	40	42	26	21	16	29	42	50	26	44	25	33	30	45	49	26	31	30	26	20	21	27	18				29.1
Russellville [Evap]	Maximum	44	35	48	50	61	65	78	75	52	50	61	61	64	63	65	55	55	64	64	70	66	65	63	58	58	38	37	44				57.5
	Minimum	34	22	29	32	25	37	47	45	32	25	23	29	46	26	38	31	36	29	44	54	35	28	36	31	29	28	31	29				33.2
St. Charles	Maximum	42	38	45	49	54	57	70	74	53	44	54	58	58	54	66	65	45	56	56	58	60	55	58	55	55	37	41	40				53.5
	Minimum	37	27	30	34	31	49	50	53	34	30	30	40	49	31	48	33	37	36	48	52	44	48	34	49	37	31	28	25				38.1
Searcy	Maximum	41	36	50	52	57	52	77	76	52	47	58	62	58	59	70	56	51	65	54	61	51	63	61	60	53	37	36	41				54.9
	Minimum	34	20	28	29	24	39	41	51	30	24	23	33	48	26	41	30	36	32	40	51	37	29	35	33	31	25	31	28				33.3
Stuttgart	Maximum	40	37	48	50	58	64	78	71	43	46	58	63	62	58	69	58	48	62	55	62	62	63	54	58	52	40	36	37				54.7
	Minimum	35	25	28	33	32	42	49	41	27	29	25	33	43	30	43	32	35	32	41	52	39	31	40	31	32	28	32	29				34.6
Stuttgart..[Evap]	Maximum	40	34	50	51	52	74	76	77	44	42	55	61	61	56	68	52	46	62	55	62	48	61	52	56	41	40	36	36				53.1
	Minimum	36	25	26	32	26	36	48	67	31	28	26	35	34	31	42	32	34	32	44	49	38	30	40	37	33	28	31	30				35.1
Subiaco	Maximum	42	34	44	48	61	62	77	75	50	..	63	..	..	59	61	53	58	65	62	71	66	66	61	56	56	35	37	42				56.2
	Minimum	29	22	27	31	26	41	46	40	30	..	24	..	..	34	41	30	39	34	42	50	33	29	37	33	30	27	30	26				33.2
Texarkana	Maximum	49	41	52	59	52	75	81	75	54	57	58	63	73	63	70	63	56	68	67	72	66	67	70	63	56	50	38	49				61.0
	Minimum	37	29	32	30	32	43	50	54	36	37	30	36	53	32	50	31	41	33	49	60	35	33	44	40	38	31	31	30				38.5
Thornburg	Maximum	40	31	50	51	58	63	78	74	49	46	59	60	62	61	66	54	54	56	58	66	61	63	56	58	51	35	33	44				54.9
	Minimum	30	20	25	31	29	48	44	42	30	20	20	35	49	21	37	29	29	47	43	56	34	21	31	25	24	26	28	27				32.2
Warren	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
Wilson	Maximum	38	32	45	43	51	50	68	70	64	39	50	57	54	52	64	61	58	55	54	60	60	60	55	53	39	48	46	37				52.2
	Minimum	32	21	29	30	24	43	40	46	31	25	26	38	46	36	32	28	31	35	43	48	38	31	31	28	28	32	32	27				33.2
Winslow	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
Wynne	Maximum	44	37	50	45	52	52	73	75	65	54	56	59	55	56	68	54	46	59	53	60	61	58	55	54	56	50	42	38				54.6
	Minimum	29	18	25	28	20	42	39	45	22	23	24	35	38	39	42	33	33	31	40	47	35	32	31	33	29	29	30	25				32.0

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.057	*	*	*	*	.301	.060	.131	.049	*	*	.288	.124	.088	.110	.202	.110	.077	..	..	.141	.140	.140	.068	.011	.150	.069	.089	....	....	....	2.405
	Mean tem.	42	32	39	44	44	51	66	64	44	39	44	46	52	46	56	46	42	49	49	62	44	49	47	50	44	34	34	38	....	....	..	46.2
	Wind move	44	78	37	17	41	39	15	98	84	44	35	38	56	57	33	102	28	39	30	34	118	58	46	56	41	73	53	79	..	....	....	1,473
Russellville [Ozark Nursery]	Evap.	.054	.056	.036	.060	.064	.060	.080	.220	.073	.090	.070	.144	.062	.120	.160	.160	.074	.110	.118	.042	.274	.104	.118	.098	.108	.080	.014	.078	..	..	..	2.727
	Mean tem.	39	28	38	41	43	51	62	60	42	38	42	45	55	44	52	43	46	46	54	62	50	46	50	44	44	33	34	36	....	....	....	45.4
	Wind move	50	45	23	77	34	26	57	193	83	37	25	70	63	42	70	130	50	70	30	79	185	55	50	30	50	70	40	80	....	....	..	1,805
Stuttgart [Rice Exp. Farm]	Evap.	.05	*	*	*	*	.38	.11	.13	.14	*	*	.31	.09	.08	.13	*	.27	.02	.13	.03	.26	.11	.05	.01	.10	*	.10	*	....	....	...	2.50
	Mean tem.	38	30	38	42	39	55	62	72	39	35	40	48	48	44	55	42	40	47	50	56	43	46	46	46	37	34	34	33	....	....	..	44.1
	Wind move	69	110	35	45	60	161	81	201	174	56	65	155	155	99	110	185	123	125	82	144	275	155	119	54	51	91	58	102	..	..	....	3,140

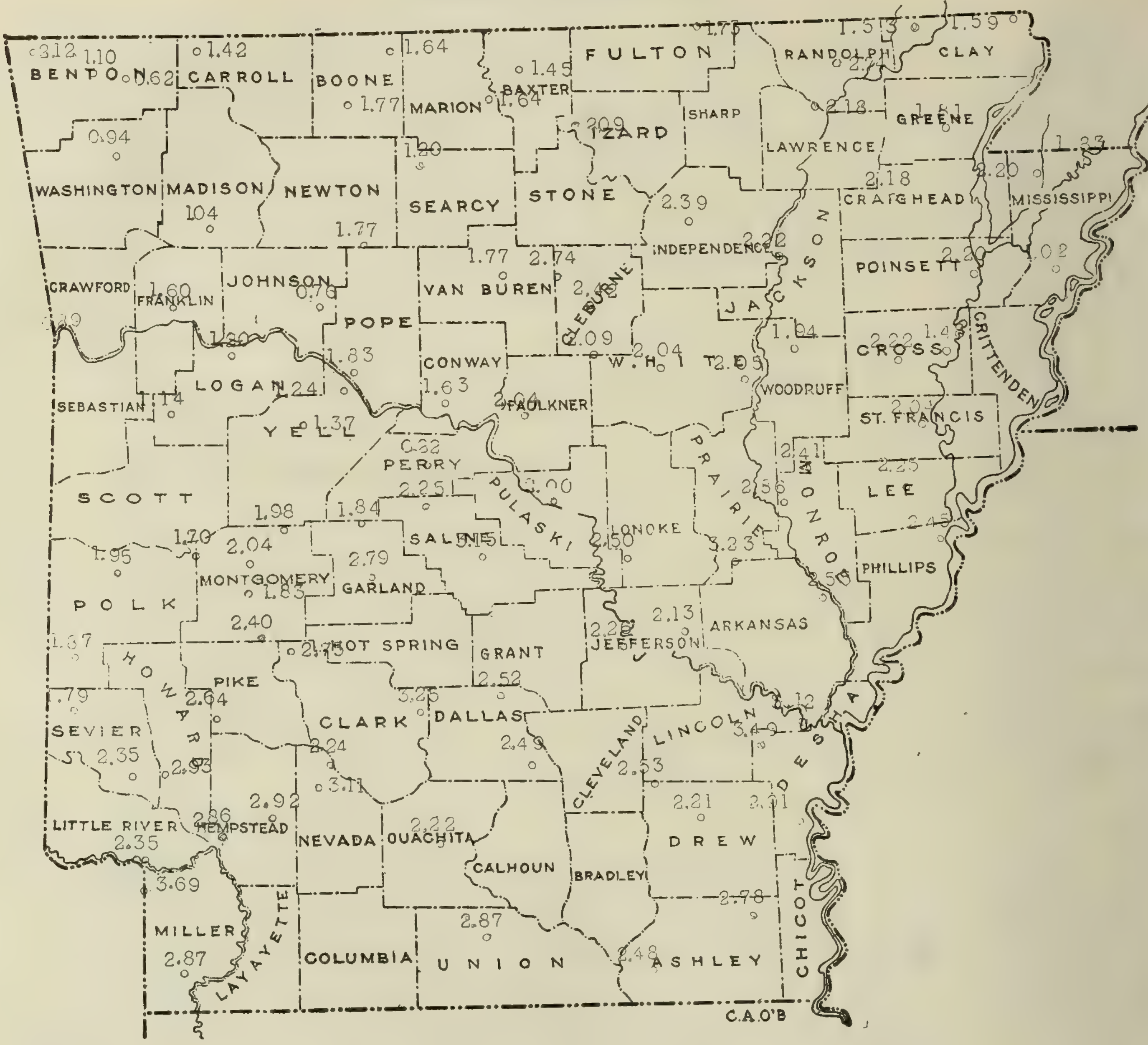
Daily River Stages for February, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	19.3	20.8	18.1	14.3	12.5	11.3	10.7	10.6	10.2	9.8	10.2	10.4	10.0	9.7	9.4	9.6	9.1	8.5	8.0	7.7	7.8	8.6	7.8	7.8	9.0	8.4	7.5	7.1			
Van Buren	do	22	19.8	21.1	19.0	15.1	13.2	12.0	11.3	11.1	10.7	10.4	10.5	11.0	10.5	10.1	9.8	9.9	9.4	8.8	8.4	8.0	8.0	8.8	8.3	8.0	9.3	8.8	7.8	7.4			
Danville	Petit Jean.	20	13.9	11.8	10.1	9.0	8.3	7.7	7.2	6.8	6.4	6.0	5.6	5.2	5.0	4.9	4.8	4.5	4.4	4.2	4.2	8.8	10.7	10.4	8.6	7.6	6.7	6.2	5.8	5.5			
Ozark	Arkansas.	22	13.8	16.0	13.8	12.0	9.8	8.4	7.6	7.3	6.8	6.3	5.9	6.8	6.6	6.1	5.8	5.6	5.4	5.0	4.8	4.3	4.0	4.0	4.0	4.0	3.9	5.0	4.5	3.7			
Dardanelle	do	22	14.9	18.0	18.8	16.9	13.8	12.2	11.0	10.4	10.1	9.6	9.4	9.3	9.6	9.3	9.0	8.7	8.6	8.4	8.0	8.0	7.9	7.7	8.0	7.8	7.3	7.9	7.9	7.2			
Morrilton	do	20	11.9	15.3	16.6	15.5	12.8	10.9	9.1	8.3	7.6	7.2	6.6	6.2	6.4	6.3	5.8	5.5	5.1	5.0	4.6	4.8	4.8	4.8	4.7	4.9	4.3	4.1	4.1	4.1			
Little Rock.	do	23	11.2	14.7	17.1	17.3	14.7	12.1	10.2	8.9	8.0	7.5	7.0	6.5	6.3	6.4	6.3	5.8	5.6	5.4	5.2	5.3	5.9	5.9	5.7	5.6	5.6	4.9	4.9	5.1			
Pine Bluff	do	25	16.1	16.3	19.6	20.7	20.0	18.0	16.3	14.9	14.0	13.4	12.6	12.1	11.4	11.4	11.4	11.3	10.9	10.5	10.3	10.3	10.1	10.8	10.8	10.5	10.5	10.2	9.6	9.5			
Gilbert	Buffalo	30	6.5	6.1	5.8	5.5	5.1	5.1	5.0	4.8	4.8	4.7	4.5	4.3	4.3	4.0	4.0	4.0	4.0	3.9	4.0	4.6	4.8	5.7	5.3	4.9	4.5	4.5	4.7	4.6			
Doniphan, Mo.	Current	10	8.5	8.0	6.6	5.9	5.5	5.2	5.0	4.8	5.0	5.0	5.1	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	4.1	4.6	5.1	5.3	5.0	4.7	4.4	4.4	4.0			
Black Rock.	Black.	14	22.5	22.1	21.6	21.2	20.8	20.5	19.9	19.4	19.2	18.5	17.9	17.3	16.6	16.0	15.2	14.4	13.3	12.4	11.5	13.4	13.9	14.0	13.6	13.0	12.5	11.9	11.2	10.5			
OzarkBeachMo	White	30	14.6	12.3	9.5	8.0	7.1	6.4	5.2	5.5	5.6	5.6	5.7	5.2	4.8	4.6	4.4	4.3	1.0	1.5	2.6	2.2	4.2	4.4	5.4	5.6	5.0	4.6	4.4	4.4			
Cotter	do	21	15.0	15.4	12.6	10.3	9.0	8.1	7.5	7.0	6.8	6.6	6.2	6.8	6.6	6.5	6.0	5.8	5.8	5.6	5.6	5.8	5.8	6.5	6.5	6.2	6.2	6.5	6.0	5.8			
Calico Rock.	do	18	15.0	15.0	13.6	10.6	8.9	7.8	7.1	6.6	6.2	6.0	6.0	5.9	5.5	5.1	4.8	4.5	4.3	3.9	3.1	4.4	4.9	6.5	6.4	5.9	6.2	5.7	5.1	4.8			
Batesville	do	23	20.8	22.5	22.1	19.7	17.0	15.4	14.1	13.3	12.8	12.3	12.1	11.9	11.7	11.3	10.9	10.4	10.0	9.8	9.1	11.8	11.7	12.2	13.2	12.5	12.2	12.1	11.4	10.9			
Newport	do	26	26.6	27.4	27.8	27.8	26.9	25.9	24.9	23.9	23.0	22.2	21.3	20.6	19.9	19.3	18.6	17.9	17.1	16.3	15.4	15.2	15.9	16.0	16.3	17.0	16.7	16.4	15.8	15.0			
Georgetown	do	21	26.9	26.6	26.1	26.1	25.9	25.7	25.5	25.2	24.5	24.4	23.9	23.4	23.0	22.6	22.3	22.0	21.7	21.4	21.1	21.0	20.9	21.0	20.9	20.7	20.6	20.4	20.3	20.0			
Clarendon	do	26	35.1	34.8	34.5	34.2	33.9	33.7	33.5	33.4	33.4	33.2	33.1	33.0	32.8	32.6	32.5	32.2	31.9	31.7	31.4	31.3	31.1	30.7	30.4	30.2	29.9	29.6	89.3	29.0			
Arkadelphia	Ouachita	17	9.1	8.6	8.5	8.4	8.3	8.0	7.9	7.3	7.8	7.6	7.0	6.3	7.6	6.6	5.0	7.3	6.6	7.2	7.2	11.2	9.1	7.5	8.1	7.8	7.9	7.4	7.9	7.1			
Camden	Ouachita	26	32.2	30.7	29.0	26.7	24.3	21.8	19.8	18.6	17.1	16.0	15.3	14.4	13.4	13.0	12.5	11.7	10.9	10.0	9.5	9.2	15.8	18.5	19.9	18.9	18.5	18.0	16.5	15.1			
Whitecliffs	Little River	25	18.9	16.9	16.0	14.1	12.0	10.2	8.1	6.7	5.9	5.4	5.0	4.6	4.2	3.8	3.4	3.2	3.2	3.2	3.2	5.1	8.6	9.7	9.7	7.5	6.5	5.7	5.4	5.2			
Index	Red	25	13.8	13.9	14.0	13.5	12.9	12.2	11.3	10.2	9.6	9.2	9.0	8.6	8.3	8.2	8.1	7.9	7.8	7.7	7.6	7.4	7.7	8.0	7.8	8.0	7.5	7.4	7.3	7.4			
Fulton	do	25	19.4	18.6	18.1	17.2	16.0	14.8	13.5	12.4	11.3	10.6	10.2	9.8	9.5	9.2	8.9	8.7	8.5	8.3	8.1	9.5	10.3	10.8	10.6	10.0	9.4	8.9	8.9	8.9			
Big Lake Outl't	Little River.	10	20.9	20.7	29.5	20.1	19.7	19.2	18.7	18.2	17.8	17.4	17.0	16.6	16.2	15.9	15.6	15.4	15.1	14.8	14.5	14.3	14.0	13.7	13.4	13.1	12.9	12.6	12.3	12.0			
St. Francis	St. Francis.	18	20.5	20.4	20.7	20.9	21.1	21.0	20.6	20.3	20.0	19.7	19.4	19.3	19.2	19.1	19.4	19.4	19.2	18.9	18.6	18.4	17.5	16.8	15.9	15.3	14.8	14.6	14.4	14.3			
St. Francis L.L.	do	..	30.1	30.1	29.9	29.6	29.3	29.0	28.8	28.5	28.3	28.1	27.9	27.7	27.5	27.4	27.2	27.0	26.9	26.8	26.7	26.6	26.4	26.3	26.2	26.0	25.9	25.8	25.5	25.4			
Marked Tree	do	17	18.1	18.2	18.5	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.6	18.4	18.1	18.0	17.8	17.6	17.3	17.0	16.7	16.5	16.3	15.9	15.6	15.2	14.8	14.3	13.8	13.4			
Parkin	do	28	34.0	34.2	34.2	34.3	34.3	34.3	34.2	34.2	34.2	34.1	34.0	33.9	33.9	33.8	33.7	33.5	33.3	33.2	33.0	32.8	32.6	32.3	32.0	31.7	31.4	31.1	30.7	30.3			
Madison	do	32	37.7	38.0	38.3	38.6	38.9	39.3	39.5	39.9	40.1	40.3	40.4	40.6	40.7	40.5	40.5	40.2	40.1	39.7	39.4	39.1	38.5	38.2	37.8	37.3	36.9	36.4	35.9	35.5			
Helena	Mississippi.	42	56.5	57.1	57.6	58.0	58.4	58.7	59.2	59.5	59.9	60.2	60.3	60.2	60.2	60.2	60.0	59.9	59.6	59.2	58.6	58.2	57.5	56.9	56.2	55.5	54.7	53.8	52.9	51.9			
Arkansas City	do	42	48.1	49.0	49.9	50.6	51.3	51.7	52.2	52.6	53.1	53.4	53.7	53.8	53.8	53.8	53.8	53.7	53.5	53.4	53.1	52.7	52.3	51.9	51.5	51.1	50.9	50.3	49.7	49.0			

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24 hours ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for February, 1937



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XLII LITTLE ROCK, ARK., MARCH, 1937 No. 3

PRICE: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

This was the coldest March since 1932. Temperatures were mostly above normal the first week of the month but thereafter fluctuations were frequent with negative departures predominating during the latter half of the month. The warmest weather occurred from the 19th to the 24th, while it was coldest in most sections on the 1st. Departures were more than 20° below normal in all sections from the 26th to the 28th. The mean temperature for the State, based on the reports of 63 stations, was 48.7° which is 3.8° below the 47-year average. Monthly means ranged from 42.8° at Gravette in the extreme northwestern portion to 53.2° at Camden in the extreme southern portion. The highest temperature reported was 48° at Magnolia on the 19th; the lowest, 14° at Gilbert on the 1st. The greatest daily range was 47° at Amity on the 2d.

Precipitation was well distributed during the month with the heaviest rainfall occurring in nearly all sections on the night of the 23d-24th. Snowfall was heaviest in central and southwestern sections on the 15th and in the northwestern portion on the 30th. The greatest depth reported was 2.5 inches at Mount Ida on the 15th, while the average for the 96 stations was 0.3 inch. The average precipitation for the State was 3.04 inches which is 1.66 inches below the 47-year mean. Of the stations for which normals have been computed, only 11 had positive departures. Monthly totals ranged from 0.73 inch at Mountain Home to 5.79 inches at El Dorado. The greatest amount measured in any 24-hour period was 2.78 inches at Arkansas City on the 24th. The average number of rainy days was 8.

A duststorm followed the rain on the morning of the 24th. Visibility was low in all sections of the State varying from one-half mile in the northwestern portion to one and one-quarter miles in the central.

The light rainfall was favorable for plowing and the preparation of land but the temperature was too low most of the time, especially the latter half of the month for planting and growth of early crops. Peaches, pears, and plums were severely damaged by the low temperatures the latter part of the month but damage was not uniform in the State. Gardens and spring truck were also damaged and growth has been slow. Some corn was planted in the southern portion the latter part of the month but in most sections farmers are waiting for warmer weather. Spring oats were badly frozen in some northern localities but the weather was favorable most of the month for winter truck. T.A.M.

WINDSTORMS

Hope (6 miles north of), 23d, moderate hail in connection with windstorms, several houses and barns unroofed, 2 hogs killed, 100 acres of radishes damaged, loss $1,000.

Pike City, 23d, buildings and sheds unroofed, loss $3,000.

Damaged by lightning:--Heber Springs, 24th, 3 people injured, $300 damage to house and barn.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog													1					2	7												
Light Hail																			2				1								
Moderate Hail																							1								
Thunderstorms			5	12			1				4	8	10			1	2	1	14			1	18	4							

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	......	30.47	15	29.37	19	7.8	25	sw	19	..	.	.	56
Fort Smith	30.07	30.38	15	29.45	19	9.0	30	sw	19	72	51	51	52
Little Rock	30.10	30.40	28	29.52	24	8.8	30	sw	24	77	52	53	62
Memphis	30.08	30.40	1	29.46	24	9.2	24	w	23	72	57	51	52

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1.3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.8	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	83	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	56.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3.04	0.3	8	13	7	11
Period	52.5	98	1	4.70	0.5	8	13	7	11

Climatological Data for March, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	......	L. R. Water Works
Amity	Clark	500	42	49.6	− 4.4	78	19	23	2	47	3.70	−0.40	1.40	1.0	7	12	13	6	n.	J. W. Campbell
Arkadelphia	Clark	200	42	...	...	...	...	...	...	...	2.77	−1.70	0.82	0.4	9	7	13	11	ne	Mrs. Ted R. Carpe
Arkansas City	Desha	145	53	...	...	...	...	...	...	...	5.02	−0.18	2.78	T	9	17	0	14	...	Herbert Neff
Batesville	Independence	277	38	47.0	− 3.2	74	19†	20	1	39	1.96	...	0.96	T.	6	10	10	11	n.	Airway Observer
Bee Branch	Van Buren	700	45	48.0	− 3.8	79	24	21	1	34	2.40	−1.98	1.10	T	5	17	4	10	n.	J. E. Scanlan
Benton	Saline	285	2	...	...	...	...	...	...	...	3.43	...	0.99	0.5	11	18	5	8	...	S. A. Burks
Bentonville	Benton	1295	32	44.3	− 4.1	70	19	20	15	32	3.71	−0.32	1.79	1.4	9	8	13	10	sw.	U. S. Weather Bur
Big Lake Outlet ‡‡	Mississippi	239	7	...	...	...	...	...	...	...	1.70	...	0.51	T.	8	14	5	12	...	C. J. Brooks
Black Rock	Lawrence	259	36	...	...	...	...	...	...	...	1.65	−2.71	0.43	T.	7	18	4	9	n.	Vernon C. Howe
Blytheville	Mississippi	252	12	46.0	− 5.6	75	23	22	1	36	1.86	−3.48	0.48	T	9	17	7	7	s.	Samuel Norris
Booneville	Logan	465	23	49.4	− 3.8	76	19	22	1	38	2.46	−1.57	0.55	T.	12	12	10	9	w.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	...	...	...	...	...	...	...	2.92	...	0.72	T.	10	11	5	15	...	Harry Buie
Brinkley	Monroe	205	50	47.8	− 5.5	74	19	15	28	37	2.37	−2.92	0.73	T.	5	15	4	12	ne.	R. J. Torry
Calico Rock	Izard	361	33	48.2	0.0	78	20	20	1	41	2.15	−1.89	0.99	T	7	12	6	13	e.	William Jones
Camden	Ouachita	116	52	53.2	− 1.8	80	23†	25	1	40	4.03	−0.60	1.60	T.	8	8	5	18	se.	J. M. Knight
Carthage	Dallas	297	32	49.8	− 7.2	78	23	22	1	40	2.69	−2.01	1.00	0.6	7	9	17	5	n.	P. K. Wylie
Clarendon	Monroe	172	33	...	...	...	...	...	...	...	2.44	−2.50	0.75	0.2	8	11	8	12	ne.	R. M. Wheatley
Clinton	Van Buren	516	16	...	...	...	...	...	...	...	3.07	−1.49	0.93	0.0	8	14	8	9	n	A. L. Stephens
Conway	Faulkner	309	54	49.5	− 4.3	78	19	22	1	43	2.47	−1.81	1.04	0.6	5	16	8	7	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	26	48.2	− 5.1	74	12	25	1	33	2.60	−2.11	0.92	T.	7	20	6	5	nw.	P. B. Hutchens
Corning	Clay	293	44	45.4	− 5.3	73	28	19	1	39	2.24	−2.12	0.87	T	5	18	4	9	w.	Winfred D. Polk
Cotter	Baxter	440	10	...	...	...	...	...	...	...	1.79	−1.34	0.62	0.0	5	12	7	12	...	O. B. McSpadden
Crossett (near)	Ashley	175	25	51.4	− 4.0	80	23	21	1	40	5.44	+0.30	1.80	0.0	11	11	11	9	n.	U. S. Forest Servic
Danville	Yell	327	21	...	...	...	...	...	...	...	3.81	+0.07	0.89	T.	12	6	14	11	...	J. M. Patterson
Dardanelle	Yell	330	51	50.0	− 2.8	81	19	23	1†	40	3.11	−0.87	0.91	T.	13	8	10	13	nw.	Geo. N. Goodier
De Queen	Sevier	426	2	51.5	...	78	19	23	1	39	5.12	...	1.43	0.7	10	15	5	10	ne.	E. B. Smith
Dumas	Desha	162	32	49.8	− 5.5	81	12	24	1	36	3.02	−2.74	0.94	1.0	11	11	8	12	n.	Ben Johnson
Dutton	Madison	1590	35	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	J. M. Ricketts
El Dorado	Union	270	37	52.8	− 3.4	79	23	28	1†	34	5.79	+0.83	2.68	T.	10	14	5	12	n.	Mrs. E. W. Gasto
England	Lonoke	229	31	49.8[a]	− 4.6	78[a]	23	24[a]	1	37[a]	2.54	−2.30	0.76	T.	9	15[a]	5[a]	10[a]	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	45.0	− 5.1	72	19	19	15†	33	3.19	−0.79	1.36	2.0	9	13	11	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	45.4	− 4.1	70	11†	21	15†	36	2.49	−1.21	0.59	1.8	10	14	7	10	n.	University of Arkan
Fordyce	Dallas	190	9	51.0	...	77	23	25	1	34	3.22	...	0.90	0.0	9	20	5	6	s.	M. G. Taylor
Fort Smith	Sebastian	448	56	48.6	− 4.0	75	19	26	28	35	2.37	−0.64	1.11	T.	10	11	12	8	e.	U. S. Weather Bur
Freeman Springs ‡‡	Pope	2240	13	...	...	...	...	...	...	...	2.26	−2.23	0.72	1.0	8	17	2	12	ne.	R. J. McCuiston
Fulton	Hempstead	260	52	...	...	...	...	...	...	...	5.18	+0.84	1.20	T.	9	9	9	13	...	T. J. Logan
Georgetown	White	200	25	...	...	...	...	...	...	...	2.36	−2.33	0.79	0.0	5	12	11	8	...	Mrs. W. R. Owens
Gilbert	Searcy	600	12	43.0	...	78	20	14	1	44	1.93	−0.79	0.77	0.0	7	16	2	13	...	F. J. King
Glenwood	Pike	547	2	...	...	...	...	...	...	...	4.16	...	1.37	1.0	9	5	6	20	...	C. A. Price
Grannis	Polk	900	18	48.7	− 2.7	77	19	20	1	41	4.10	−0.84	1.24	1.7	14	15	7	9	se	W. E. McVay
Gravette	Benton	1250	40	42.8	− 3.2	71	11	18	1	41	3.07	−0.55	1.40	T	5	11	9	11	nw.	Max W. Schmidt
Harrison	Boone	1052	37	44.5	− 4.1	73	19	20	1	36	1.56	−2.03	0.50	1.0	9	19	4	8	sw.	Louis R. Keck
Heber Springs	Cleburne	...	2	...	...	...	...	...	...	...	2.47	...	1.07	T.	8	9	9	13	...	Volena Black
Helena	Phillips	300	65	49.2	− 4.4	76	23	24	16†	30	2.15	−3.56	0.98	0.4	8	15	4	12	n.	James A. Burnett
Higden	Cleburne	445	18	...	...	...	...	...	...	...	3.02	−1.24	0.80	0.0	6	18	3	10	n.	Trumon Brown
Highland	Pike	491	18	51.0	...	75	7	24	28	32	...	...	...	...	..	12	9	10	sw.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	49.5	− 7.1	77	19†	25	1	40	4.91	+0.23	1.34	T.	9	7	13	11	ne.	Experiment Farm
Hot Springs	Garland	600	46	51.0	− 2.7	81	19	24	1†	40	4.08	−0.35	1.40	1.2	12	11	11	9	s.	National Park Serv
Index ‡‡	Little River	275	20	...	...	...	...	...	...	...	4.11	+0.07	...	T	10	13	5	13	...	W. E. McDowell
Jessieville	Garland	750	11	...	...	...	...	...	...	...	3.95	−0.36	1.40	0.5	10	4	17	10	nw.	U. S. Forest Service
Jonesboro	Craighead	345	42	47.4	− 4.8	76	23	24	1†	33	1.79	−2.77	0.77	T.	8	7	11	13	ne.	Benedictine Sisters
Lead Hill	Boone	650	31	43.6	− 5.2	76	19	17	1	42	1.06	−2.58	0.44	T.	10	16	5	10	nw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	58	48.8	− 4.2	78	19	26	28	32	2.22	−2.40	0.93	1.2	9	9	8	14	ne.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	1	49.4	...	78	19	23	1	37	2.50	...	1.02	1.0	9	9	8	14	ne.	Airway Observer
Lutherville ‡‡	Johnson	775	38	47.4	− 4.2	75	19	20	28	34	3.31	−0.70	0.93	0.3	10	12	3	16	se.	H. G. Lenhardt
Madison	St. Francis	209	7	...	...	...	...	...	...	...	2.72	...	1.03	T.	7	11	2	18	...	J. W. Eppes
Magnolia	Columbia	315	21	53.0	− 3.8	84	19	27	1†	33	3.52	−0.94	...	0.0	7	11	10	10	se.	State Agri. School
Malvern	...	277	51	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	
Mammoth Spring	Fulton	600	33	46.4	− 3.4	73	7†	18	1	37	1.86	−1.80	0.68	T.	4	14	8	9	nw.	S. F. Whittaker
Marianna	Lee	235	26	51.2	− 2.8	77	24	25	1	34	2.68	−1.99	1.12	0.7	8	15	12	4	s.	C. N. Houck
Marked Tree	Poinsett	229	33	46.6	− 3.8	75	23	25	28	37	2.26	−2.63	0.65	T	8	12	10	9	s.	Charles Walton
Mena	Polk	1207	49	49.4	− 2.9	76	19	22	28	37	3.27	−0.96	0.92	0.5	10	16	2	13	sw.	E. W. St. John
Monticello	Drew	...	1	52.1	...	78	12†	25	1	34	3.83	...	1.80	T.	12	10	10	11	sw.	Airway Observer
Monticello (a)	Drew	...	2	...	...	...	...	...	...	...	3.08	...	0.91	T	8	..	.	..	...	Soil Conservation Se
Montongo	Drew	...	2	...	...	...	...	...	...	...	3.10	...	0.75	0.0	7	16	1	14	s.	Soil Conservation Se
Morrilton	Conway	315	18	49.4	− 1.4	77	19	24	1	40	2.60	−1.08	0.90	0.0	9	12	9	10	e.	Mrs. Freda M. Ashcr
Mountain Home	Baxter	800	25	45.4	− 4.6	72	19	20	1	40	0.73	−2.78	0.45	0.0	3	17	2	12	s.	B. S. Halbert
Mount Ida	Montgomery	702	38	47.2	− 5.0	79	19	17	1	44	4.50	+0.34	2.03	2.5	8	11	8	12	sw.	G. A. Whittington
Newport	Jackson	231	54	48.4	− 3.9	75	23	21	1	35	1.84	−2.58	0.83	T.	7	10	11	10	s.	J. D. Henderson
Norman	Montgomery	687	9	...	...	...	...	...	...	...	4.75	...	2.28	0.0	7	11	1	19	s.	U. S. Forest Service
Okay	Howard	288	9	52.2	...	78	19†	25	1	39	3.99	...	1.41	T	11	13	9	9	n.	Charles R. Jackson
Ozark	Franklin	396	42	47.8	− 4.6	75	19	20	1	40	2.62	−0.54	0.98	T.	8	13	6	12	se.	Orkney O. Milton
Paragould	Greene	275	14	...	...	...	...	...	...	...	2.05	−3.73	0.74	T.	6	12	5	14	n.	W. R. Heagler
Parkin	Cross	222	7	...	...	...	...	...	...	...	2.79	...	0.81	T.	5	18	1	12	...	Carroll King
Patterson	Woodruff	204	21	...	...	...	...	...	...	...	2.99	−1.87	0.94	T	4	17	3	11	n.	W. E. Baker
Pine Bluff	Jefferson	215	50	51.4	− 3.4	78	23	24	1	36	2.17	−3.00	0.52	T	9	12	8	11	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	13	...	...	...	...	...	...	...	3.30	−1.45	1.30	0.5	9	3	16	12	w.	J. R. Huddleston
Pocahontas	Randolph	300	44	46.2	− 4.8	72	23	21	1	40	2.41	−1.95	0.82	0.0	7	14	2	15	n.	Benedictine Sisters
Portland	Ashley	122	31	51.6	− 5.1	79	12	24	1	35	4.08	−1.09	0.75	0.2	10	13	5	13	sw.	W. E. Edmiston
Prescott	Nevada	318	49	52.1	− 3.5	79	19†	25	1	36	3.98	−0.52	1.22	0.7	9	13	7	11	n.	Craig Williams
Rock Springs	Drew	...	2	...	...	...	...	...	...	...	2.10	...	0.80	0.0	6	19	2	10	sw.	Soil Conservation Ser
Rogers (near) ‡‡	Benton	1300	47	46.0	− 3.0	73	11†	20	1†	43	3.30	−0.10	1.04	2.0	9	16	5	10	ne.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	3	...	...	...	...	...	...	...	2.64	...	1.22	T.	6	13	12	6	n.	G. A. Maddox
Russellville [Evap]	Pope	526	25	49.6	− 2.7	79	19	23	1†	43	3.50	−1.38	1.01	0.0	8	20	0	11	sw.	U. S. Forest Service
St. Charles	Arkansas	175	4	51.0	...	73	23*	28	1	31	2.20	...	1.10	T.	5	13	12	6	n.	U.S. Biological Surve
St. Francis	Clay	290	10	...	...	...	...	...	...	...	2.61	−2.79	0.98	0.0	5	15	5	11	...	A. Boyce Boyd, Jr.
Searcy	White	245	27	48.4	− 3.8	77	23	21	1	41	2.85	−1.21	1.14	T.	9	17	4	10	ne.	Walter Smith
Springbank ‡‡	Miller	240	28	...	...	...	...	...	...	...	5.17	+0.78	1.53	0.2	10	13	4	14	...	Henry Field
Story	Montgomery	650	13	...	...	...	...	...	...	...	4.51	+0.23	2.08	0.9	10	15	9	7	n.	S. C. Story
Stuttgart	Arkansas	214	50	49.5	− 4.3	77	24	22	1	36	2.89	−2.10	0.97	T.	8	19	5	7	n.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	2	48.4	...	76	23	24	1	35	2.58	...	0.99	T.	8	..	..	..	...	Rice Experiment Sta.
Subiaco	Logan	750	40	50.0	− 3.0	76	19	23	28	35	3.09	−0.64	0.80	T	11	17	6	8	w.	New Subiaco Abbey
Texarkana	Miller	332	52	52.3	− 3.9	80	22	26	1	36	4.70	+0.44	0.80	T.	11	8	8	15	n.	H. S. Brashear
Thornburg	Perry	650	17	46.4[b]	− 5.3	78[b]	23	16[b]	1	45[b]	3.03	−0.83	1.12	0.4	8	13[b]	8[b]	8[b]	n.	Edward E. Holmes
Waldron	Scott	675	18	...	...	...	...	...	...	...	4.35	+0.08	1.43	0.0	8	..	..	..	...	Dr. Cheves Bevill
Whitecliffs	Little River	290	31	...	...	...	...	...	...	...	2.92	−0.27	1.08	0.0	8	13	8	10	...	L. M. Snead
Wilson	Mississippi	237	12	48.2	− 3.9	75	23	24	16†	32	1.90	−3.51	0.88	T.	7	16	1	14	n.	D. O. Anderson
Wynne	Cross	250	29	47.7	− 3.9	75	28	18	1	38	2.65	−2.20	0.85	0.3	5	17	6	8	s.	B. M. Eddins
Yancopin	Desha	167	13	...	...	...	...	...	...	...	3.26	−2.33	1.16	0.2	10	14	5	12	...	W. E. Barton
State Means				48.7	− 3.8	84	19	14	1	47	3.04	−1.66	2.78	0.3	8	13	7	11	n.	

Daily Precipitation for March, 1937

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
lum Fork Reser	Ouachita																																....
mity.	Ouachita				.96	.22		.81						.18		.04			.09						1.40		T.						3.70
rkadelphia	Ouachita				.70	45		.35	.12					.11	T.	.04			.11						.82			.07					2.77
rkansas City	Mississippi				.03	.49		T.							.62	.32			.38		.17				2.78		T.	.13			.10		5.02
atesville	White				.20			.39					.01	.31	T.			T.		.09					.96		T						1.96
ee Branch	Arkansas				.60								.10	.35	T.					.25					1.10		T.						2.40
enton	Saline				.61	.30		.18	.31					.18	.74	.02			.03						.99			.04			.03		8.43
entonville ***	Arkansas			.10	.25							T.		1.17	.02			T.	.01	.25				1.79		T.	T.	T.		.07	.05		3.71
ig Lake Outlet	St. Francis				.05	.24			.27				T.	.12	.42	.05					.04				.51			T.	T.				1.70
lack Rock	White				.12	.16		T.	.12				.07		.43	T.					.40				.35			T.					1.65
lytheville	St Francis				.12	.14			.26				.14	.16	.48	.02					.07				.47			T.					1.86
ooneville	Arkansas			.10	.42			.45					T.	.39	.02			.01	.02	.31			.01	.55	.16		.02			T.			2.46
oughton	Ouachita				.57	.42		.38	.07					.21	.11	.19			.19						.72			.06					2.92
rinkley	White				.45			.70						.32	.17										.73		T.						2.37
alico Rock	White				.20	.15			.20					.03	.30	T.					.28				.99		T.	T.			T.		2.15
amden	Ouachita				.53	.34		63							.36	.24			.25						1.60			.08					4.03
arthage	Ouachita				1.00			62						.10		.04			.23						63		.07						2.69
larendon	White				.19	.32		T	.61					.22	.33	.01									.75			.01					2.44
liuton	White				45			.31					.23	.03	.47			T.		.61					.93		.04			T.			3.07
onway	Arkansas				.81			.25						.31											1.04		.06						2.47
ornerstone	Arkansas				.65			.33						.29	.12			.25	T.						.92		.04	T					2.60
orning	White				T.	.22			.17						.42	T.					.87				.56								2.24
otter	White				.27				.25						.53						.12				.62						T		1.79
rossett [near]	Ouachita				.66			.25						.56	.20	.20			.35	1.80					1.15		.07	.15			.05		5.44
anville	Arkansas				.66	.02		.28	.34				.01	.57	.41	T.			.03		.44				.89			.10			.06		3.81
ardanelle	Arkansas				.58	.07		.44	.10				.12	.16	.43				.01		.25		.02		91			.01			.01		3.11
e Queen	Red			.11	1.43			.48					.42		.14	.07			.12	T.				.80	1.43		.12						5.12
umas	Mississippi				.43			.62						.28	.20	.10		05	.24	T			T.		.94		.06	.06			.04		3.02
utton	White																																....
l Dorado	Ouachita				.13	.72		.54	T.						.59	.45			.27	.10					2.68			.29			.02		5.79
ngland	Arkansas				.76		.63						.06	.19	.07	.05									72		.01	.05					2.54
ureka Springs	White			.26	.20									1.36	.02					.18				.51	.46		T.	T.		.05	.15		3.19
ayetteville	White			.28	.44			T.					T.	.58	.03			T.	.01	.04				.59	.40		T.			.01	.11		2.49
ordyce	Ouachita				.90			.41						.35	.50			.01	.21						.73		.09	.02					3.22
ort Smith ***	Arkansas			.10	.36			.58				T.	T.	.08	.01			.01	T.	.09				1.11			T.			.02	.01		2.37
reeman Sprgs.	Arkansas				.55			.02						.04	.34	T.			T	T.	.53				.72			.04			.02		2.26
ulton	Red			T.	.62	.86		.57	T.					.40	.55	.45			.28						1.20			.25					5.18
eorgetown	White				T.	.31			.74				T	.46	.06	T.									.79								2.36
ilbert	White				.77				.14				T.	.09	.24						.11				.54						.04		1.93
lenwood	Ouachita				1.37	24		.62						.23	.20	.05			.03						1.36		.06						4.16
rannis	Red			.10	1.24		.02	.60					.67	.22	.08	.12		.02	.09	.01			T.	.70	.16		.07	T.		T.			4.10
ravette	Arkansas			.13	.33										1.06	T.				.15					1.40						T.		3.07
arrison	White			.01	.27			.20						.32	T.			.01		04				.10	.50		T.			T	.11		1.56
eber Springs	White				.29	.07			.27				.26	.17	.27	T.					.07				1.07			T.	T.				2.47
elena	Mississippi				.03	.07			.33						.44	.03			.18						.98			.09					2.15
igden	White				.68			.38					.44	.34						.38					.80								3.02
ighland	Ouachita				1.00			.50					.20		.15																		....
ope [Evap]	Red			T.	.41	.90		.70						.36	.29	.36			.34						1.34			.21					4.91
ot Springs	Ouachita			02	1.40	T.		.55					.25	.40	.05	.04	T.		.03	T					1.23	T.	.05	.04		.02			4.08
ndex	Red			*	*	*		*1.76*						.50	.25	.30			.25						75			.30					4.11
essieville	Ouachita			T.	.96			.70				.08	.15	.52	T.	.02								*	1.40		.04			.08			3.95
onesboro	White				.09	.19			.36				T.	T.	.26	.04					.07				.77			.01					1.79
ead Hill	White			.01	.44			.02						.13	.01				.02	.01				.12	.24		T.	T.		T.	.06		1.06
Little Rock ***	Arkansas			.02	.50			.41					.11	.21	.03			T.	T.	T.			T	.92	.01		.01			T.			2.22
ittleRock Airway	Arkansas				61			.39					.07	.26	.02	.10									1.02		.02	.01					2.50
utherville	Arkansas			.12	.93			.57					.12	.55	T.	.02		T.		.24				.07	.68		.01						3 31
adison	St. Francis				.10	.05			.71					.39	T	.37			T.						1.03			.07	T.				2.72
agnolia	Red				*.80*			.75						68	.52				.20	.10							.47						3.52
ammoth Spg	White				T.	.11							T.		.53	T.					.54				.68				T.				1.86
arianna	St. Francis				25			.60						.25	.29	.05			.10						1.12		T.	.02					2.68
arked Tree	St. Francis				.02	.38			.38				.03	.43	.30	T.					.07				.65		T.						2.26
lena	Ouachita				.92	T.		.42					.02	.82	.08	.03			.02	.08					.81			.07			T	T.	3.27
onticello	Ouachita				.61			.34						.20	.31	.08		.01	.26	.04					1.80		.08	.05			.05		3.83
onticello (a) ***	Ouachita				.55			.42						.23	.25	T		.25						.91	.39		.08						3.08
ontongo	Ouachita				.50			.55						.50	.40			.30							75		.10						3.10
orrilton	Arkansas				.47	.10		33	.21					.25	.29				.03						.90			.02					2.60
ountain Home	White							.20						.45						.08													0.73
ount Ida	Ouachita				.94			.60					.17	.48		.09								.12	2.03		.07						4.50
ewport	White				.27	.23			.40					T.	T	.07			.01		T.				.83			.03					1.84
orman	Ouachita				1 50			.50						.11	.22	.08			.06						2.28								4.75
kay	Red			.04	1.36			.47						.12	.27	.04		.05	.13						1.41		*	.10					3.99
zark	Arkansas				.70	.05		.37						.11	.20	T.			T.	T.	.19				.98			T			.02		2.62
aragould	St. Francis				31				.22					.05	.44					T.	.29				.74			T.					2.05
arkin	St. Francis				T.	.33			.63					63	.39	T.									.81			T.					2.79
atterson	White				.47			.94						.72											.86			T.					2.99
ine Bluff	Arkansas				35	.52		.42	.16						.08	.17			.22						.20			.05			T.		2.17
ine Ridge	Ouachita				.86			.39	T				T.	1.30	.11	.10				*	.08				.33			.13					3.30
ocahontas	White				.30			.18					.07	.20	.12					.82					.72								2.41
ortland	Ouachita				.51			.20						.25	.75	.27			.61	.60					.75			.12			.02		4.08
rescott	Ouachita				.54	.56		.51						.16	.26	.33			.25						1.22			.15					3.98
ock Springs	Ouachita				.50			.39						.08	.30			.03							.80								2.10
ogers (near)	White			.26	.24							.28	.06	1.04	T.					.21				.39	.68			T.		.14			3.30
osebud	Arkansas				.55			.37					.14	.28	T.					T.					1.22		.08						2.64
ussellville	Arkansas				61			.50					.11	.41					.83					T.	1.01		.02				.01		3 50
t. Charles	White				.35			.50						.15	T.			T.	.10						1.10		T.	T.					2.20
t Francis	St. Francis				T.	.34			.25				T.		.45	T.					.98				.59				T.				2.61
earcy	White				.40			T	.84				.07	12	.20	.01					.04				1.14			.03					2.85
pringbank	Red			T.	.38	.61		.55	T.						1.53	.61			.31	T	.02				.88			.25			.03		5.17
tory	Ouachita				*	.73		.52					.05	.70	.21	.03		T.	.07						2 98			.12					4.51
tuttgart	Arkansas				.25	.09		.97	T.					.08	.72	T			.03	T.					.73			.02					2.89
tuttgart [Evap]	Arkansas				.28	.01	T	.99	01					.06	.57	T.			.03						.60			T.					2.58
ibiaco	Arkansas			.03	.56			.67					.22	.37	.02			T.		.34				.03	.80		.02			T	.03		3.09
exarkana	Red			20	.32	.40		.78						.30	.25	.80	.35		.15						.80			.35			T.		4.70
ornburg	Arkansas			T.	*	*		1.01					.11	.74	.01	T.		T.			T.			T.	1.12		.04	T.		T.			3.03
aldron	Arkansas			1.43	.46			.19				.36				.46			.20						1.20		.05						4.85
arren	Ouachita																																. ..
hitecliffs	Red			.05	.70	.59		.48							.10	.37			.55						1.08								3.92
ilson	Mississippi				*	*			.74						.88	.02					.19				.07			T.					1.90
ynne	St. Francis				.26			.59						.85	.16	T.									.79			T.					2.65
incopin	Arkansas				.06	.35		.17	.43						.36	.20			.41		.02				1.16			.10			T.		3.26

Daily temperatures for March, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	63	70	67	60	65	73	65	63	64	72	76	71	68	35	43	53	67	72	78	62	67	74	77	71	59	54	48	49	49	48	65	62.
	Minimum	24	23	35	46	46	41	41	45	32	35	39	42	51	32	28	29	30	37	42	44	34	38	43	49	44	35	31	24	26	32	31	36.
Batesville	Maximum	55	68	67	60	66	72	64	69	52	65	65	56	56	38	43	43	56	61	74	71	56	67	74	71	67	46	38	45	46	51	54	58.
	Minimum	20	29	35	47	41	38	42	43	31	42	34	44	37	30	27	24	28	49	41	41	31	35	39	53	41	30	27	23	27	38	30	35.
Bee Branch	Maximum	54	65	65	62	65	67	68	60	60	68	70	64	55	40	41	45	57	67	74	75	59	65	70	79	77	46	41	45	45	47	55	59.
	Minimum	21	49	35	45	45	39	44	45	30	38	37	42	37	30	25	24	27	47	44	43	32	40	40	52	43	30	27	22	27	34	32	36.
Bentonville ***	Maximum	56	64	50	53	63	66	64	51	54	64	69	68	53	34	37	47	62	62	70	52	63	68	67	61	44	33	33	39	40	39	56	54.
	Minimum	26	32	43	43	38	40	45	36	29	43	38	42	29	24	20	25	32	37	46	37	31	41	48	44	31	28	23	24	26	31	31	34.
Blytheville	Maximum	48	64	66	53	63	69	58	59	50	66	61	62	52	38	40	45	54	64	69	63	58	66	75	72	60	38	37	45	48	55	60	56.
	Minimum	22	31	37	46	36	40	48	44	31	34	31	41	33	29	25	24	29	46	43	42	32	34	39	54	36	30	28	25	28	38	34	35.
Booneville	Maximum	58	67	63	60	64	66	65	63	58	73	70	67	56	46	43	49	63	72	76	70	60	70	71	70	64	45	44	46	44	42	66	60.
	Minimum	22	29	45	48	45	39	50	45	31	40	43	48	46	31	26	29	34	48	51	42	31	41	49	53	40	32	30	23	29	35	31	38.
Brinkley	Maximum	54	67	67	58	65	72	62	61	57	70	67	69	65	46	44	50	57	70	74	70	63	69	71	69	69	47	42	45	49	55	60	60.
	Minimum	20	30	35	46	43	37	44	41	32	38	37	45	44	30	27	25	29	44	45	47	32	39	40	55	45	21	19	15	19	30	23	34.
Calico Rock	Maximum	58	68	63	66	66	71	72	62	57	69	71	65	62	46	45	50	63	68	76	78	63	68	73	75	70	47	42	48	48	48	63	62.
	Minimum	20	27	32	48	39	36	40	39	30	38	34	44	39	30	25	23	28	47	38	44	30	32	40	52	40	30	28	25	24	36	27	34.
Camden	Maximum	60	68	68	65	63	73	73	65	65	71	76	78	76	75	50	53	57	74	75	74	67	75	80	80	75	65	47	50	50	50	61	66.
	Minimum	25	29	36	47	45	42	51	44	34	37	45	48	50	35	29	29	34	50	51	48	40	45	42	55	49	38	32	28	31	38	32	40.
Carthage	Maximum	59	68	66	59	64	72	63	63	61	70	75	75	76	49	42	51	53	72	75	70	65	70	78	73	65	52	44	47	47	49	60	62.
	Minimum	22	33	36	46	44	40	48	42	29	32	43	45	48	32	28	27	30	49	49	45	32	41	38	52	45	34	31	25	27	36	28	37.
Center Point	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Conway	Maximum	61	71	68	60	67	73	67	63	60	76	65	64	55	45	47	51	61	72	78	72	63	69	76	69	65	48	47	50	47	54	62	62.
	Minimum	22	28	39	46	42	39	47	43	31	39	39	39	42	31	27	26	30	50	50	45	32	40	43	53	44	32	29	23	26	38	28	36.
Cornerstone	Maximum	53	64	64	59	55	69	59	56	56	65	71	74	61	46	37	46	54	63	72	65	62	65	71	70	66	50	37	44	44	46	58	58.
	Minimum	25	33	37	47	40	41	50	43	33	38	41	46	45	32	30	27	32	48	49	49	34	41	38	56	46	34	31	27	29	38	31	38.
Corning	Maximum	51	65	67	61	68	66	67	59	47	72	63	60	50	35	42	45	59	66	61	61	60	65	73	67	63	39	39	46	48	54	60	57.
	Minimum	19	30	37	45	34	38	40	43	29	33	30	34	28	28	24	22	26	45	40	43	30	35	39	52	37	28	26	25	27	38	31	33.
Crossett	Maximum	58	67	68	63	68	72	69	64	64	68	75	77	76	62	41	52	56	73	75	65	65	68	80	77	75	61	46	50	50	51	61	64.
	Minimum	21	27	33	47	38	40	51	41	32	32	42	42	54	34	30	25	30	48	55	51	36	41	41	54	49	39	32	28	26	37	30	38.
Dardanelle	Maximum	59	69	63	61	66	70	65	64	60	74	67	65	55	44	46	49	62	71	81	76	62	69	75	72	68	49	47	49	47	46	62	61.
	Minimum	23	29	43	47	43	42	48	48	32	41	42	46	42	32	28	29	33	51	50	44	34	41	45	50	44	33	30	23	28	35	29	38.
De Queen	Maximum	61	68	63	58	67	72	67	64	63	72	75	70	65	63	46	53	57	73	78	72	67	72	73	70	65	50	48	52	48	46	60	63.
	Minimum	23	29	45	48	47	44	51	42	30	34	43	50	54	35	30	29	35	49	52	45	35	47	47	50	44	35	34	27	33	37	29	39.
Dumas	Maximum	60	53	67	56	62	60	60	63	60	72	78	81	72	44	42	52	50	68	72	68	61	69	70	70	67	50	42	44	46	54	57	60.
	Minimum	24	34	39	49	45	43	50	43	35	38	43	48	42	32	29	28	32	48	49	46	35	45	42	56	48	35	31	29	27	40	32	39.
Dutton	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
El Dorado	Maximum	62	69	65	57	69	75	65	66	65	71	76	78	71	60	51	55	57	76	73	67	69	74	79	76	66	54	47	50	50	50	61	64.
	Minimum	28	35	43	48	50	45	52	47	34	37	46	50	49	33	29	29	36	50	50	42	37	45	45	55	52	39	33	28	31	37	32	40.
England	Maximum	50	70	66	57	66	73	..	62	60	73	71	74	60	44	44	50	57	71	77	71	61	72	78	74	64	46	44	47	46	52	61	61.
	Minimum	24	33	39	46	41	41	..	45	36	39	40	47	40	31	29	26	32	49	49	46	35	42	41	55	45	32	31	27	30	39	32	38.
Eureka Springs	Maximum	57	64	60	55	67	69	65	55	56	67	66	65	61	34	39	49	60	63	72	64	62	69	71	61	56	31	35	41	42	37	58	56.
	Minimum	23	35	46	47	38	42	46	36	25	43	37	41	31	24	19	22	31	35	41	36	30	36	48	45	31	26	22	19	23	31	29	33.
Fayetteville	Maximum	55	64	59	54	64	68	67	58	54	65	70	68	62	37	37	46	60	64	70	65	64	68	66	60	58	33	35	39	41	38	55	56.
	Minimum	24	32	44	46	38	39	45	37	28	39	38	43	36	25	21	23	34	38	46	38	28	37	49	50	33	27	24	21	24	30	30	34.
Fordyce	Maximum	58	68	65	60	62	72	71	64	62	71	73	74	75	54	43	51	54	72	73	70	70	68	77	75	71	56	45	49	47	49	62	63.
	Minimum	25	34	38	47	42	42	50	44	36	38	39	40	46	33	29	28	34	49	53	48	38	37	43	55	48	36	32	26	29	32	32	38.
Fort Smith***	Maximum	59	70	55	62	63	68	63	57	58	69	71	64	56	39	43	48	64	69	75	58	61	68	65	66	46	40	40	45	40	42	60	57.
	Minimum	27	35	47	48	46	43	52	45	37	43	47	51	37	29	27	31	35	47	51	43	38	47	50	46	39	34	30	26	32	34	35	39.
Gilbert	Maximum	41	59	68	62	62	70	72	63	56	56	70	65	60	45	37	43	50	61	66	78	56	68	68	72	68	43	35	40	44	43	45	57.
	Minimum	14	19	34	44	35	30	38	34	22	27	28	38	38	26	21	17	33	36	31	40	22	24	29	39	36	26	24	20	17	33	24	29.
Grannis	Maximum	61	68	56	60	67	71	68	64	63	70	75	66	64	56	44	52	57	73	77	67	65	76	72	68	60	42	46	51	47	44	60	61.
	Minimum	20	27	41	46	44	41	47	41	26	30	39	50	50	31	26	27	29	43	45	42	31	44	41	43	41	32	29	22	26	32	25	35.
Gravette§§	Maximum	58	65	51	53	63	69	64	52	56	65	71	69	43	34	37	48	62	65	70	53	63	69	68	61	33	34	32	40	41	39	56	54.
	Minimum	18	24	30	47	38	35	35	36	25	28	39	40	40	25	20	20	26	37	37	38	28	35	40	47	31	27	23	23	24	26	28	31.
Harrison	Maximum	56	65	59	58	63	67	59	55	52	66	61	59	59	35	39	44	60	65	73	64	61	67	71	67	59	33	36	41	43	42	60	56.
	Minimum	20	29	36	35	40	37	41	39	28	40	35	43	31	26	22	22	30	42	39	39	28	32	44	48	33	27	25	23	22	32	31	32.
Helena	Maximum	50	63	64	58	59	69	57	59	54	66	67	73	67	49	40	47	55	62	70	65	60	66	76	72	66	47	40	44	46	56	59	58.
	Minimum	28	38	45	52	48	43	49	42	32	38	40	48	47	31	28	24	32	47	50	50	35	42	46	56	46	33	30	24	27	39	32	39
Highland	Maximum	58	66	67	56	64	73	75	67	64	70	73	70	65	60	43	51	53	70	73	74	66	70	70	69	69	49	47	48	54	46	58	62
	Minimum	26	38	45	45	47	43	49	48	36	41	46	51	51	30	26	28	35	42	50	42	39	44	47	50	42	32	31	24	30	35	31	39
Hope §§	Maximum	58	67	62	53	63	73	63	64	63	70	74	75	65	36	44	52	54	73	77	64	66	72	77	67	60	40	46	50	41	47	59	60
	Minimum	25	27	33	46	47	43	42	45	36	40	45	46	51	34	28	30	31	40	52	44	37	44	44	46	46	38	32	26	32	34	30	38
Hot Springs	Maximum	64	71	64	60	68	75	68	61	66	64	77	69	62	48	43	60	54	76	81	73	67	75	78	72	60	55	42	50	45	43	64	63
	Minimum	24	38	42	46	43	43	48	46	32	42	45	48	47	31	28	28	32	48	49	44	35	45	45	52	45	32	31	24	29	36	29	38
Jonesboro	Maximum	54	64	67	57	64	70	64	59	52	69	64	61	58	36	41	46	57	67	71	70	58	67	76	71	66	42	38	44	47	53	60	58
	Minimum	24	34	34	45	42	40	44	45	32	36	32	42	35	28	26	25	27	48	42	47	34	38	44	52	42	29	28	24	30	38	34	36
Lead Hill	Maximum	46	52	55	60	65	69	60	57	55	65	63	64	59	34	42	43	63	62	76	68	63	68	71	69	62	37	37	42	41	40	54	56
	Minimum	17	22	29	48	38	33	36	38	25	39	30	41	31	26	22	20	25	41	34	42	23	27	38	49	35	25	25	24	18	31	25	30
Little Rock.***	Maximum	58	66	66	56	63	70	58	60	56	71	64	63	53	34	41	45	56	69	78	68	60	66	75	71	58	40	40	43	44	47	59	58
	Minimum	27	36	44	46	46	47	48	47	38	39	40	46	35	30	29	30	35	50	49	46	40	46	48	55	40	31	30	26	32	38	34	39
Little Rock [Airway]	Maximum	59	69	67	58	64	70	61	61	57	72	66	65	56	43	43	47	57	70	78	72	62	68	76	73	66	47	43	46	45	50	60	60
	Minimum	23	32	39	47	45	42	48	45	34	38	40	46	42	32	29	27	31	50	46	46	35	43	40	55	46	32	30	26	39	38	32	38
Lutherville	Maximum	55	67	59	60	66	70	63	59	59	68	67	62	55	41	44	49	59	70	75	66	61	66	69	67	61	40	45	47	45	42	60	58
	Minimum	22	33	42	46	39	42	45	45	31	36	43	46	40	27	25	25	32	47	48	41	33	40	46	47	38	28	26	20	28	32	29	36
Magnolia	Maximum	60	67	65	60	66	71	75	65	62	72	73	77	75	63	43	52	57	74	84	77	66	74	79	73	69	52	54	49	51	50	60	65
	Minimum	27	36	43	48	48	44	51	46	35	40	47	50	56	32	29	34	36	50	57	44	40	46	48	53	40	36	32	27	33	37	30	41
Mammoth Spring	Maximum	53	61	65	60	68	67	73	65	67	70	64	63	54	38	42	47	57	67	66	69	63	67	72	73	68	45	54	45	47	50	57	59
	Minimum	18	24	30	40	43	37	38	39	29	37	34	38	36	28	23	20	27	34	37	44	29	34	39	52	37	29	24	24	30	36	28	32
Marianna	Maximum	52	68	64	62	62	72	70	70	70	69	70	73	70	52	52	47	58	66	75	72	70	70	76	77	73	52	40	48	48	56	59	63
	Minimum	25	36	40	47	44	42	46	46	36	38	40	48	47	29	29	27	32	47	50	50	36	36	43	57	47	32	30	27	27	40	36	39
Marked Tree§§	Maximum	52	66	65	52	63	70	50	59	51	69	62	61	50	35	42	46	66	67	71	55	60	67	75	72	46	41	38	45	45	55	60	56
	Minimum	26	33	36	44	41	41	44	45	37	36	35	37	41	30	27	26	29	37	43	50	35	38	40	53	46	30	28	25	28	39	36	36
Mena	Maximum	61	68	55	61	64	72	64	59	63	71	75	66	61	51	40	53	58	73	76	66	63	71	74	67	60	40	47	45	47	40	61	60
	Minimum	24	37	46	46	47	43	47	45	31	42	49	54	51	30	26	27	37	47	48	40	34	44	46	47	39	31	28	22	28	30	28	38
Monticello	Maximum	58	68	66	60	63	73	68	62	60	70	76	78	72	61	40	50	54	70	71	64	64	70	78	74	69	54	42	46	49	53	62	62
	Minimum	25	37	45	49	47	42	50	44	38	42	48	52	56	32	29	28	36	36	52	55	39	45	46	56	52	36	31	28	41	39	31	41
Morrilton	Maximum	56	66	64	59	64	70	67	61	58	71	67	63	56	50	43	48	58	69	77	71	73	67	76	70	64	57	52	47	45	48	60	61
	Minimum	24	31	39	45	43	41	48	47	35	39	39	45	41	31	28	26	32	48	50	35	33	41	45	53	44	31	30	25	28	36	30	37
Mountain Home	Maximum	57	67	63	61	66	70	68	66	53	68	61	62	56	35	40	48	59	65	72	67	62	66	71	68	62	35	38	38	44	49	59	57
	Minimum	20	27	37	47	39	35	41	40	26	37	31	40	32	27	22	21	28	41	40	40	28	33	44	46	34	27	25	23	24	33	34	33
Mt. Ida	Maximum	61	68	60	56	56	70	62	56	55	75	70	70	58	50	39	52	53	71	79	69	60	71	77	70	63	46	38	50	42	41	60	5
	Minimum	17	25	36	47	40	36	45	39	25	31	36	47	48	32	26	24	27	49	43	44	27	36	38	54	44	32	31	18	21	32	27	3
Newport	Maximum	52	67	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	21	32	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Okay	Maximum	59	68	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	25	29	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ozark	Maximum	50	67	62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	20	27	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pine Bluff	Maximum	60	70	68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	24	36	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pocahontas	Maximum	51	67	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	21	27	32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Portland	Maximum	55	68	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	24	34	37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Prescott	Maximum	60	69	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	25	33	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding

Weather Bureau Office, Little Rock, Ark. 5-3-37-1

Daily temperatures for March, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Rogers	Maximum	58	66	66	54	64	69	67	65	55	66	73	69	67	39	39	49	62	67	73	69	64	71	68	62	60	36	34	41	42	37	59	58.4
	Minimum	20	23	38	46	37	35	40	38	25	42	37	43	36	25	20	22	30	39	47	38	37	37	50	50	32	28	23	21	22	31	29	33.6
Russellville [Evap]	Maximum	57	70	67	61	67	72	71	63	61	72	69	65	56	45	45	49	60	71	79	77	62	70	74	71	68	49	48	49	49	46	62	62.1
	Minimum	23	27	39	39	39	41	47	45	34	39	41	45	43	31	28	28	30	50	46	44	34	41	42	53	48	32	30	23	28	35	28	37.2
St. Charles	Maximum	51	63	64	60	60	67	65	66	58	67	69	69	69	52	61	45	52	64	72	71	59	66	73	73	70	51	48	53	46	52	59	61.1
	Minimum	28	37	41	47	45	44	47	41	36	44	45	49	49	30	30	30	35	49	51	49	39	45	45	57	48	35	32	34	31	40	34	40.9
Searcy	Maximum	58	68	68	58	67	72	64	61	60	73	65	62	56	39	43	50	58	71	75	70	62	71	77	72	63	43	44	46	47	53	60	60.5
	Minimum	21	27	33	46	44	40	43	41	32	35	37	45	39	30	28	25	28	48	43	45	34	41	39	54	43	31	28	25	29	40	32	36.3
Stuttgart	Maximum	56	68	66	57	63	67	63	65	57	72	69	75	73	45	42	49	59	69	74	69	66	70	73	77	67	47	42	45	47	53	62	61.5
	Minimum	22	32	37	42	41	45	47	45	35	37	42	42	42	31	29	26	31	46	47	48	35	43	40	43	45	33	30	27	30	38	32	37.5
Stuttgart. . [Evap]	Maximum	54	65	63	54	61	71	56	61	56	70	71	74	62	35	42	49	55	68	73	57	61	69	76	72	56	43	40	46	46	53	59	58.6
	Minimum	24	30	36	44	38	41	48	44	36	38	42	42	52	32	30	27	32	39	50	48	34	42	43	56	45	34	30	26	30	36	32	38.1
Subiaco	Maximum	58	67	66	63	65	68	67	63	60	70	70	66	57	45	44	49	64	71	76	74	63	70	72	70	66	47	47	47	47	45	63	61.3
	Minimum	24	32	46	47	45	43	50	47	36	38	43	48	45	30	27	28	33	48	49	42	35	41	48	53	40	31	29	23	28	34	35	38.6
Texarkana	Maximum	62	70	62	62	65	73	73	66	66	73	77	76	66	60	47	55	53	75	73	70	68	80	78	72	68	58	50	52	42	51	61	64.6
	Minimum	26	34	41	40	43	42	43	42	34	42	49	51	54	32	28	29	38	50	51	49	38	45	50	52	46	35	33	27	34	35	28	40.0
Thornburg	Maximum	61	69	66	57	72	..	60	61	60	..	73	64	54	41	42	51	57	71	77	70	64	70	78	71	64	45	42	46	41	41	59	59.6
	Minimum	16	24	36	45	35	..	39	39	28	..	37	40	40	28	27	29	33	49	43	40	24	31	46	44	43	30	29	22	19	34	22	33.2
Warren	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wilson	Maximum	47	64	63	62	60	67	65	65	57	66	65	64	61	43	38	45	54	63	69	68	58	65	75	72	70	59	47	51	46	53	56	59.3
	Minimum	31	34	42	46	40	43	46	43	30	39	33	41	40	26	25	24	24	47	41	48	32	41	54	54	40	31	28	29	31	39	31	37.2
Winslow	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wynne	Maximum	53	66	66	58	63	73	66	60	54	69	65	66	63	45	42	45	54	68	73	74	69	68	75	73	67	51	44	45	47	56	60	60.6
	Minimum	18	33	39	45	39	40	41	40	26	37	38	33	40	27	25	22	31	45	46	45	31	36	43	52	42	27	27	22	25	35	30	34.8

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.072	.098	.122	.059	.062	.070	....	....	.220	.136	.161	.123	.126	.073	*	*	.207	.024	.110	.329	.190	.131	.170	.447	.391	.249	.081	.092	.109	.069	.078	3.949
	Mean tem.	42	47	48	50	55	58	52	54	50	55	60	60	58	35	36	41	42	56	64	54	52	58	60	56	53	39	39	38	36	40	44	49.5
	Wind move	28	20	26	59	10	25	25	27	83	24	38	30	33	106	53	103	34	60	26	166	76	33	30	116	106	101	113	80	41	53	61	1,786
Russellville [Ozark Nursery]	Evap.	.074	.070	.084	.018	.108	.054	.056	.198	.142	.180	.128	.060	.058	.062	.088	.084	.068	.122	.218	.306	.132	.110	.182	.246	.332	.094	.064	.130	.096	.052	.114	3.730
	Mean tem.	40	48	53	50	53	56	59	54	48	56	55	55	50	38	36	38	45	60	62	60	48	56	58	62	58	40	39	36	38	40	45	49.6
	Wind move	30	20	34	44	15	9	21	95	25	37	40	29	31	110	86	32	42	50	56	164	40	25	54	85	132	87	62	57	36	60	37	1,645
Stuttgart [Rice Exp. Farm]	Evap.	*	.07	.16	.12	.01	.16	.04	.07	.18	.16	.14	.09	.12	.07	*	*	.17	.04	.06	.22	.07	.14	.16	.24	.33	.17	*	*	*	22	.13	3.34
	Mean tem.	39	48	50	49	50	56	52	52	46	54	56	58	57	34	36	38	44	54	62	52	48	56	60	64	50	38	35	36	38	44	46	48.4
	Wind move	37	70	105	97	18	33	54	90	110	81	116	27	56	123	149	72	28	121	79	190	110	89	84	41	182	120	101	101	39	26	110	2,659

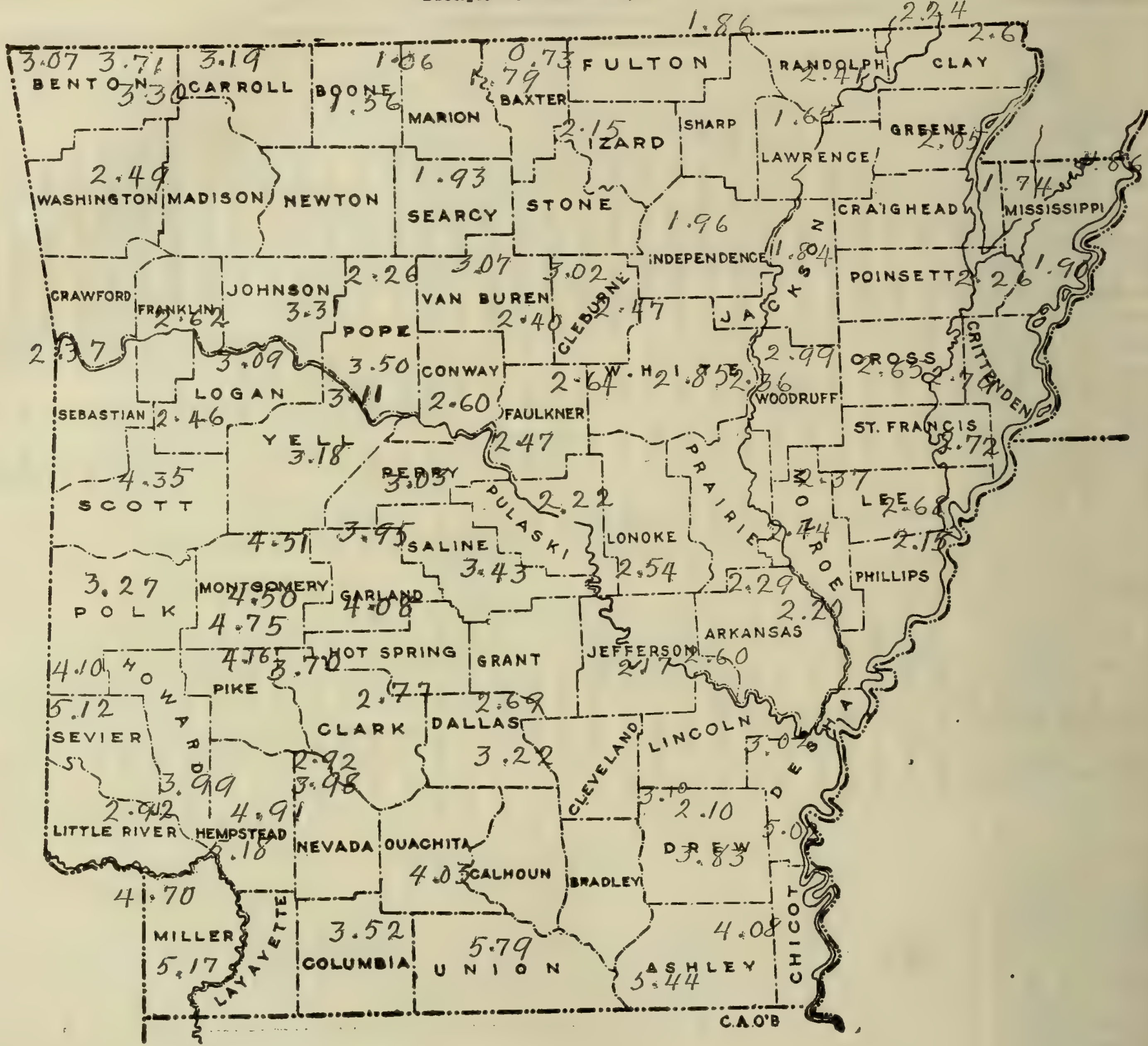
Daily River Stages for March. 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.9	6.6	6.5	6.4	6.8	7.4	7.7	8.2	9.0	8.3	7.6	7.2	7.2	7.0	7.0	8.5	8.7	9.1	8.4	7.8	7.3	7.2	7.0	7.6	9.2	9.7	11.4	12.3	11.4	9.8	8.6
Van Buren	do	22	7.2	6.8	6.7	6.6	7.0	7.5	7.8	8.3	9.3	8.7	7.9	7.5	7.5	7.1	7.0	8.5	8.8	9.3	8.7	8.0	7.5	7.3	7.1	7.7	9.0	9.8	11.3	12.4	11.7	9.9	8.7
Danville	Petit Jean	20	5.4	5.2	5.0	4.9	5.6	6.2	6.2	8.1	10.2	9.4	8.2	7.4	7.4	11.2	12.5	11.2	9.2	8.4	7.8	7.9	7.9	7.0	6.2	7.8	13.6	13.2	10.4	8.6	7.8	7.0	6.6
Ozark	Arkansas	22	3.2	3.0	3.0	2.7	2.3	3.0	3.6	4.0	4.8	5.1	4.4	3.7	3.4	3.3	3.0	3.3	4.4	3.9	4.9	4.4	3.5	3.3	3.1	3.3	4.3	4.4	6.2	8.4	8.1	7.8	5.3
Dardanelle	do	22	6.7	6.4	6.1	6.0	6.0	6.1	6.6	7.0	7.3	8.0	8.0	7.3	6.8	6.7	6.4	6.3	6.2	7.4	7.8	7.8	7.1	6.6	6.3	6.6	6.9	7.6	8.4	9.6	10.9	10.5	9.2
Morrilton	do	20	3.4	2.8	2.4	2.2	2.2	2.3	2.5	3.2	3.7	4.2	4.8	4.3	3.6	3.2	3.2	2.9	2.9	3.7	4.2	4.7	4.1	3.3	2.7	2.6	3.2	4.0	3.9	6.0	7.6	9.0	6.9
Little Rock	do	23	4.6	4.0	3.7	3.4	3.2	3.2	3.8	3.7	4.4	4.7	5.0	5.4	4.8	4.3	4.4	4.4	4.2	4.1	4.5	4.8	5.0	4.6	3.9	3.7	4.0	4.7	5.0	5.6	6.4	7.7	7.6
Pine Bluff	do	25	9.5	9.1	8.6	8.3	8.1	7.9	8.0	8.0	8.4	8.9	9.3	9.6	9.8	9.6	8.9	8.9	8.7	8.6	8.6	8.9	9.4	9.4	8.9	8.4	8.1	8.1	9.1	9.5	10.1	11.1	12.1
Gilbert	Buffalo	30	4.4	4.3	4.3	4.2	4.5	4.4	4.3	4.3	4.3	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.3	4.2
Doniphan, Mo.	Current	16	4.0	3.8	3.7	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.2	3.1	3.0	3.0	3.0
Black Rock	Black	14	9.9	9.4	9.0	8.6	8.4	8.2	7.9	7.7	7.4	7.1	6.8	6.6	6.4	6.2	6.1	5.9	5.8	5.7	5.6	6.8	6.6	6.3	5.8	6.5	7.9	7.4	6.9	6.5	6.2	6.0	5.9
OzarkBeachMo	White	30	2.2	3.3	3.0	2.0	2.8	2.2	2.2	1.7	2.0	2.0	1.8	1.2	1.2	4.4	4.4	4.4	3.8	3.2	3.0	4.2	2.0	2.0	1.1	3.8	3.9	4.4	4.4	4.4	4.4	3.3	4.1
Cotter	do	21	5.8	5.1	5.0	5.0	4.8	4.7	4.7	4.7	4.5	4.5	4.5	4.5	4.5	4.8	4.8	4.6	5.2	5.0	4.9	4.9	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.9	4.9	4.9
Calico Rock	do	18	4.6	4.0	3.8	4.0	3.9	3.7	3.7	3.5	3.0	3.3	3.3	3.2	3.2	3.0	3.3	4.1	4.1	3.9	3.5	3.5	3.2	3.6	2.8	3.2	3.0	3.9	4.0	4.1	4.0	3.9	3.8
Batesville	do	23	10.5	10.2	9.5	9.2	9.4	9.2	9.1	9.1	8.9	8.4	8.8	8.4	8.4	8.5	8.4	9.1	9.4	9.4	9.1	9.1	8.9	8.7	8.5	9.1	9.1	8.9	9.6	9.6	9.4	9.4	9.4
Newport	do	26	14.1	13.2	12.3	11.4	10.6	10.2	9.7	9.7	9.3	8.9	8.3	8.1	7.7	7.5	7.3	7.2	7.7	8.0	7.8	7.7	7.8	7.8	7.7	7.3	8.4	8.8	8.9	9.0	8.8	8.5	8.3
Georgetown	do	21	19.8	19.4	18.9	18.3	17.6	16.9	16.2	15.9	15.4	14.9	14.4	13.7	13.0	12.7	12.4	12.0	11.6	11.4	11.4	11.5	11.1	11.4	11.3	11.3	11.9	12.8	13.1	13.0	12.9	12.6	12.4
Clarendon	do	26	28.7	28.4	28.0	27.7	27.5	27.2	26.8	26.5	26.2	25.8	25.5	25.1	24.7	24.3	23.8	23.4	22.9	22.5	22.1	21.6	21.3	21.0	20.6	20.5	20.3	20.2	20.3	20.4	20.5	20.6	20.5
Arkadelphia	Ouachita	17	6.1	7.0	7.7	7.4	10.4	9.9	8.9	11.4	9.4	8.9	8.4	8.1	8.1	9.1	9.2	9.8	8.2	8.1	8.0	7.9	7.8	7.3	7.6	8.7	12.6	12.3	11.0	8.3	8.0	8.1	8.0
Camden	Ouachita	26	14.9	14.0	13.2	13.2	15.0	15.5	20.2	20.9	21.6	22.6	22.6	22.2	20.5	18.4	17.2	17.1	17.1	15.6	14.5	13.7	13.0	12.6	12.0	11.4	13.0	18.9	21.8	21.7	20.2	19.1	17.1
Whitecliffs	Little River	25	5.2	5.0	4.5	4.4	10.1	13.7	16.4	17.2	17.3	16.1	14.3	12.1	10.2	8.1	11.5	14.5	14.7	13.4	11.7	10.1	8.5	7.0	6.0	9.8	16.3	18.0	17.8	16.2	14.3	12.0	10.0
Index	Red	25	7.2	7.2	7.2	7.1	7.4	7.4	9.9	10.4	11.2	11.0	10.8	10.5	9.8	10.0	12.6	13.5	13.6	12.4	11.4	10.6	10.2	9.9	9.6	10.4	12.2	12.6	12.6	13.0	12.0	10.6	10.0
Fulton	do	25	8.8	8.7	8.5	8.4	9.8	11.7	13.0	13.7	14.3	14.5	14.1	13.5	12.5	12.1	13.9	15.5	16.1	15.4	14.0	12.8	12.0	11.2	10.7	11.4	13.8	15.3	15.7	16.2	15.5	14.1	12.2
Big Lake Outl't	Little River	10	11.7	11.4	11.1	10.7	10.3	10.1	9.9	9.7	9.4	9.1	8.9	8.7	8.5	8.4	8.2	8.1	8.0	7.8	7.7	7.7	7.6	7.6	7.6	7.7	7.8	7.8	7.7	7.6	7.5	7.4	7.3
St. Francis	St. Francis	18	13.9	13.5	13.1	12.7	12.4	12.1	11.9	11.5	11.1	10.9	10.7	10.4	10.1	9.9	9.7	9.5	9.3	9.0	8.8	8.9	9.1	8.9	8.8	10.0	10.5	10.7	10.5	10.9	9.7	9.6	9.5
St. Francis L.L.	do	..	25.2	25.1	24.9	24.8	24.6	25.4	24.3	24.1	24.0	23.9	23.7	23.6	23.5	23.4	23.3	23.2	28.1	23.0	23.0	22.9	22.8	22.7	22.7	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
Marked Tree	do	17	12.9	12.4	11.9	11.5	11.0	10.6	10.0	9.5	8.9	8.3	7.6	6.9	6.3	5.9	5.6	5.4	5.1	4.9	4.7	4.6	4.5	4.2	4.1	4.0	4.0	4.0	4.0	3.9	3.7	3.6	3.5
Parkin	do	28	29.8	29.3	28.8	28.3	27.8	27.2	26.5	25.8	24.9	23.9	22.5	21.3	19.9	18.5	17.1	15.8	14.6	13.6	12.7	12.1	11.4	10.8	10.3	10.0	9.9	9.6	9.3	9.0	8.8	8.5	8.3
Madison	do	32	35.1	34.7	34.2	33.7	33.2	32.6	31.8	31.1	30.0	28.7	27.2	25.6	23.8	22.1	20.5	19.2	18.0	17.1	16.2	15.4	14.7	14.0	13.4	13.0	12.8	12.6	12.3	12.0	11.7	11.3	11.0
Helena	Mississippi	42	50.8	49.7	48.5	47.1	45.6	44.0	42.2	40.3	38.2	35.8	33.5	31.7	30.7	30.3	30.4	30.6	30.7	30.6	30.5	30.2	29.7	29.2	28.7	28.5	28.5	28.5	28.5	28.1	27.6	27.1	26.8
Arkansas City	do	42	48.2	47.5	46.7	45.7	44.8	43.7	42.4	41.4	40.2	38.9	37.4	35.8	34.4	33.1	32.2	31.5	30.9	30.6	30.1	29.5	29.0	28.6	28.0	27.7	27.2	26.8	26.5	26.3	26.1	25.8	25.4

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O: ddresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1. Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana. utherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |||| 24 hours ending 7 a. m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitaion with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for he period to 1935, inclusive

Precipitation or March, 1937



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII Little Rock, Ark., April, 1937 No. 4

Price: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

Temperatures were considerably below normal most of the time from the 4th to the 11th and were freezing or lower on the 6th in most sections of the State except in counties near the southern border and along the Mississippi River. From the 12th to the 23d they were generally above normal but cool weather again overspread the State from the 24th to the 28th, light frost being reported on the 27th in the Ouachita Mountains and the Ozarks and at several stations in the eastern portion. The average temperature for the State, based on the records of 64 stations, was 61.7° which is 0.2° above the 47-year mean. Monthly means ranged from 54.4° at Gravette in the extreme northwestern portion to 65.8° at Magnolia in a southern border county. The highest temperature reported was 96° at Newport on the 17th; the lowest, 20° at Gilbert on the 6th. The greatest daily range was 47° at Brinkley on the 22d.

Though rainfall was somewhat below normal, showers fell at intervals which provided enough soil moisture for growing crops. The average precipitation for the State for the 98 stations reporting was 3.18 inches which is 1.63 inches below the 47-year mean. Of the stations for which normals have been computed, only four had positive departures. Monthly amounts ranged from 1.30 inches at Monticello to 6.23 inches at St. Francis. The greatest amount measured in any 24-hour period was 2.85 inches at Parkin on the 30th. The average snowfall for the State was 0.1 inch, all of which fell in northwestern counties during the night of the 4th-5th, Fayetteville reporting 5.0 inches. Windstorms occurred during the night of the 23d-24th but not much damage was done except at Benton where a small tornado occurred. Dust overspread the State following the rain of the 24th. Visibility was as low as one mile in some sections of the northwestern portion on the 25th and three miles in the southwestern portion on the 26th.

The weather during April was favorable for the preparation of land for planting but too cold the first decade for germination and growth of cotton and corn. Some cotton was planted in the southern portion the first of the month but planting was not general until about the 12th. Early corn which was planted the latter part of March was damaged somewhat by the low temperatures on the 6th and some early cotton had to be replanted. Growth of cotton and corn was checked by the cool weather from the 24th to the 28th but no serious damage resulted. In the southern portion the latter part of the month early corn was being cultivated and in southern, central and eastern portions cotton was coming up to a good stand. The weather was favorable for wheat, oats, meadows, pastures, and truck. Apples were in full bloom by the close of the month and strawberries ripening in the southern portion. T.A.M.

Tornado, Heavy Hail, etc.

Tornado:--Benton, Saline County, 23d, 9:15 p. m., from sw, path 50 to 75 yards wide and 2 miles long, 2 killed, 30 injured, 5 seriously, and $40,000 damage to property.

Heavy Hail:--Coal Hill to Harmony, western Johnson Co., 23d, 7 p. m., path one-half mile wide and 12 miles long, heavy in places, $2,000 damage to crops and $2,000 damage to roofs of buildings.

Southern Montgomery Co., 23d, 7 to 7:45 p.m., Hopper to Greenwood and north to Caddo Gap, considerable damage to gardens.

Newport and vicinity, Jackson Co., 23d, 4 p.m., path 4 miles long, some damage to gardens, $15,000 damage to windows and roofs of buildings. Hailstones as large as hen eggs, some reported larger.

Lightning:--Dumas, (near), 29th, barn destroyed, loss $1,000.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	1	1	.	.	1	.		.	.	.	1	1	3	1	.	.	1	2	.	.	.	.	4	5	..
Light Hail	.	..		1	.	.	.	1	.		.	..	1	.	1	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	..
Moderate Hail	..	.	.	.	.	.	.	.	.	.	.	.	.			.	.	..	.	.	..	.	.	.	.	.		.	.		..
Thunderstorms		.	5	13	3		9	10	.	.	.	.	8	3	3	.		4	4	12	9		20	10	.	.	.	2	13	8	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29.90	30.36	11	29.37	23	8.9	24	s	7	..	..	..	60
Fort Smith	29.82	30.34	11	29 46	23	9.9	37	w	25	73	47	48	57
Little Rock	29.92	30.39	11	29.53	23	9.5	33	w	25	78	46	44	72
Memphis	29.92	30.42	11	29.52	24	9.2	27	sw	24	72	50	44	59

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	62.8	93	22	2.75	.	8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	98	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	8.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.53	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5 54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	96	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0 0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
Period	61.5	99	17	4.81	T.	8	13	8	9

Climatological Data for April, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	L. R. Water Works
Amity	Clark	500	42	60.6	−1.2	87	15†	30	1†	43	3.39	−1.71	1.16	0.0	8	13	13	4	s.	J. W. Campbell
Arkadelphia	Clark	200	42	....	....	....	....	....	....	....	2.34	−2.53	0.97	0.0	9	13	13	4	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	53	....	....	....	....	....	....	....	3.39	−1.81	2.05	0.0	5	21	1	8	....	Herbert Neff
Batesville	Independence	277	38	59.5	+0.7	85	17†	31	6	37	3.00	....	0.95	0.0	9	11	9	10	s.	Airway Observer
Bee Branch	Van Buren	700	45	60.8	−0.2	90	17†	27	6	39	3.30	−1.55	0.90	0.0	6	15	9	6	w.	J. E. Scanlan
Benton	Saline	285	2	....	....	....	....	....	....	....	2.25	....	0.71	0.0	5	17	5	8	....	S. A. Burks
Bentonville	Benton	1295	32	57.6	0.0	87	17	29	6	35	3.64	−0.71	1.80	1.3	10	8	12	10	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	7	....	....	....	....	....	....	....	4.39	....	0.77	0.0	10	14	4	12	....	C. J. Brooks
Black Rock	Lawrence	259	36	....	....	....	....	....	....	....	4.42	−0.60	1.25	0.0	12	16	5	9	s.	Vernon C. Howe
Blytheville	Mississippi	252	12	60.6	−1.0	90	17	36	10†	37	5.98	+1.42	1.71	0.0	11	20	7	3	sw.	Samuel Norris
Booneville	Logan	465	23	62.2	0.0	90	17	28	6	38	3.26	−1.04	1.62	T	8	11	13	6	s.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	....	....	....	....	....	....	....	2.21	....	0.79	0.0	7	14	4	12	....	Harry Buie
Brinkley	Monroe	205	50	59.0	−3.0	91	18	25	10	47	2.53	−2.93	0.86	0.0	6	21	6	3	sw.	R. J. Torry
Calico Rock	Izard	361	33	62.8	+3.5	95	17	30	6†	45	2.81	−1.55	1.12	0.0	7	16	3	11	s.	William Jones
Camden	Ouachita	116	52	65.3	+1.9	89	16	32	6	38	2.15	−2.63	0.57	0.0	7	7	6	17	se.	J. M. Knight
Carthage	Dallas	297	32	61.6	−0.4	87	17†	29	6	40	2.36	−2.78	0.70	0.0	5	9	20	1	sw.	P. K. Wylie
Clarendon	Monroe	172	33	....	....	....	....	....	....	....	2.69	−2.62	0.94	0.0	7	14	5	10	sw.	R. M. Wheatley
Clinton	Van Buren	516	16	....	....	....	....	....	....	....	3.68	−0.78	0.83	0.0	8	12	13	5	se.	A. L. Stephens
Conway	Faulkner	309	54	62.9	+0.8	92	17	29	6	40	3.27	−1.78	0.91	0.0	7	15	10	5	s.	E. E. Cordrey
Cornerstone. ‡‡	Jefferson	195	26	60.6	−2.3	85	17	33	6	35	2.35	−2.16	0.74	0.0	9	20	7	3	s.	P. B. Hutchens
Corning	Clay	293	44	59.4	−0.6	90	17	31	10	40	3.06	−2.04	0.74	0.0	13	15	7	8	w.	Winfred D. Polk
Cotter	Baxter	440	10	....	....	....	....	....	....	....	4.67	+0.86	1.68	0.0	6	13	6	11	....	O. B. McSpadden
Crosset (near)	Ashley	175	25	63.8	−1.0	88	17	31	6	38	1.40	−4.28	0.67	0.0	7	17	11	2	s.	U. S. Forest Service
Danville	Yell	327	21	....	....	....	....	....	....	....	2.48	−1.89	0.97	0.0	9	3	19	8	....	J. M. Patterson
Dardanelle	Yell	330	51	63.6	+1.3	93	17	29	6	40	3.11	−1.04	0.88	0.0	7	5	21	4	nw.	Geo. N. Goodier
De Queen	Sevier	426	2	63.4	....	86	15†	31	6	36	4.62	....	1.50	0.0	6	19	4	7	s.	E. B. Smith
Dumas	Desha	162	32	62.4	−1.2	92	17	33	6	43	3.21	−1.59	0.87	0.0	11	10	15	5	s.	Ben Johnson
Dutton	Madison	1590	35	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. M. Ricketts
El Dorado	Union	270	37	65.5	+0.7	89	29	33	6	34	2.32	−2.91	0.55	0.0	8	16	7	7	s.	Mrs. E. W. Gaston
England	Lonoke	229	31	63.6[a]	+0.8	90[a]	17	33[a]	6	34[a]	1.72	−3.85	0.75	0.0	5	16[a]	8[a]	5[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	58.6	−0.4	87	17	27	6	37	4.31	−0.61	1.07	2.0	9	13	11	6	sw	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	58.6	+0.2	84	17	28	6	39	3.76	−0.84	1.06	5.0	11	11	13	6	sw.	University of Arkansa
Fordyce	Dallas	190	9	64.4	....	90	16	33	6	37	2.32	....	0.56	0.0	8	21	6	3	s.	M. G. Taylor
Fort Smith	Sebastian	448	56	61.6	−0.2	89	17	34	6	34	2.88	−1.06	1.54	T.	7	11	13	6	e.	U. S. Weather Burea
Freeman Springs ‡‡	Pope	2240	13	....	....	....	....	....	....	....	4.33	−0.93	2.15	T.	7	15	5	10	sw.	R. J. McCuiston
Fulton	Hempstead	260	52	....	....	....	....	....	....	....	3.47	−1.20	1.33	0.0	6	14	5	11	....	T. J. Logan
Georgetown	White	200	25	....	....	....	....	....	....	....	2.77	−2.44	0.80	0.0	6	14	8	8	....	Mrs. W. R. Owens
Gilbert	Searcy	600	12	56.0	....	92	18	20	6	44	4.01	−1.10	1.75	0.0	11	18	6	6	....	F. J. King
Glenwood	Pike	547	2	....	....	....	....	....	....	....	2.98	....	1.17	0.0	8	3	12	15	....	C. A. Price
Grannis	Polk	900	18	60.5	+0.1	88	15	2[a]	6	40	3.73	−2.57	1.39	0.0	8	15	8	7	se.	W. E. McVay
Gravette	Benton	1250	40	54.4	−2.8	83	17	27	6	39	3.30	−1.26	1.91	0.0	8	17	7	6	s.	Max W. Schmidt
Harrison	Boone	1052	37	57.8	+0.3	91	17	26	6	46	4.23	−0.71	1.20	2.0	14	20	3	7	sw.	Louis R. Keck
Heber Springs	Cleburne	....	2	....	....	....	....	....	....	....	2.43	....	0.78	0.0	7	10	14	6	....	Voleta Black
Helena	Phillips	300	65	62.4	−0.3	89	17	32	6	33	2.64	−2.46	0.90	0.0	8	13	5	12	s.	James A. Burnett
Higden	Cleburne	445	18	....	....	....	....	....	....	....	2.33	−2.57	0.89	0.0	5	20	5	5	sw.	Trumon Brown
Highland	Pike	491	18	65.1	....	89	23	32	6	33	2.47	−1.67	1.05	0.0	5	8	14	8	sw.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	62.3	−1.7	86	16†	32	6	40	2.39	−2.60	0.70	0.0	6	9	16	5	sw.	Experiment Farm
Hot Springs	Garland	600	46	65.0	+2.2	93	17	30	6	40	3.40	−2.59	1.10	0.0	7	5	21	4	s.	National Park Servic
Index ‡‡	Little River	275	20	....	....	....	....	....	....	....	3.68	−0.50	1.10	0.0	7	14	4	12	....	W. E. McDowell
Jessieville	Garland	750	11	....	....	....	....	....	....	....	4.25	−1.41	1.85	0.0	6	5	17	8	sw.	U. S. Forest Service
Jonesboro	Craighead	845	42	61.2	−0.2	90	17	36	10	39	4.04	−0.75	1.43	0.0	10	5	11	14	sw.	Benedictine Sisters
Lead Hill	Boone	650	31	57.0	−2.4	92	17	23	6	44	3.44	−0.50	1.30	T.	8	14	6	10	se.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	58	62.0	−0.1	90	17	34	6	30	1.90	−3.29	0.77	0.0	8	9	10	11	s	U. S. Weather Burea
Little Rock Airway	Pulaski	257	1	63.1	....	92	17	34	6	39	1.87	....	0.74	0.0	7	9	10	11	s.	Airway Observer
Lutherville ‡‡	Johnson	775	88	61.0	+0.7	91	17	29	6	37	3.18	−1.66	1.80	T.	6	15	9	6	sw.	H. G. Lenhardt
Madison	St. Francis	209	7	....	....	....	....	....	....	....	2.17	....	1.15	0.0	7	12	3	15	....	J. W. Eppes
Magnolia	Columbia	315	21	65.8	+1.2	92	21	33	6	38	2.21	−2.63	0.86	0.0	6	9	18	3	sw.	State Agri. School
Malvern	....	277	51	....	....	....	....	....	....	....	....	....	....	....	..	.	..	.	....	
Mammoth Spring	Fulton	600	35	59.1	−0.1	92	17	30	10	40	3.07	−1.79	0.80	0.0	7	16	8	6	nw.	S. F. Whittaker
Marianna	Lee	235	26	64.6	+2.3	93	17	32	1	35	2.05	−2.50	0.65	0.0	8	13	14	3	s.	C. N. Houck
Marked Tree	Poinsett	229	33	61.1	−0.1	90	17	38	11	38	3.02	−1.96	0.82	0.0	9	8	18	4	n.	Charles Walton
Mena	Polk	1207	49	61.7	+0.2	87	17	30	6	39	4.26	−1.45	1.69	0.0	8	12	10	8	sw.	F. W. St. John
Monticello	Drew	....	1	14.8	....	88	17	32	6	33	1.84	....	0.74	0.0	9	10	18	2	s.	Airway Observer
Monticello (a)	Drew	....	2	....	....	....	....	....	....	....	1.30		0.40	0.0	5	..		..	....	Soil Conservation Se
Montongo	Drew	....	2	....	....	....	....	....	....	....	2.11	....	0.45	0.0	7	20	0	10	s.	Soil Conservation Se
Morrilton	Conway	315	18	62.2	0.0	90	17	31	6	43	3.00	−1.22	0.92	0.0	7	5	20	5	s.	Mrs. Freda M. Ashcra
Mountain Home	Baxter	800	25	58.0	−0.9	92	17	25	6	44	4.52	−0.17	1.70	0.0	6	11	6	13	nw	B. S. Halbert
Mount Ida	Montgomery	702	38	60.6	−0.6	89	17	23	1	44	4.18	−1.71	1.77	0.0	7	12	10	8	sw.	G. A. Whittington
Newport	Jackson	231	54	62.6	+0.6	96	17	34	6	36	3.27	−1.71	0.86	0.0	8	9	10	11	n.	J. D. Henderson
Norman	Montgomery	687	9	....	....	....	....	....	....	....	3.61	....	1.80	0.0	6	14	1	15	nw.	U. S. Forest Service
Okay	Howard	288	9	64.4	....	88	16	32	6	36	3.06	....	1.13	0.0	7	14	9	7	s.	Charles R. Jackson
Ozark	Franklin	396	42	61.1	−0.9	90	17	28	6	39	3.45	−0.63	2.00	0.0	5	13	6	11	se.	Orkney O. Milton
Paragould	Greene	275	14	....	....	....	....	....	....	....	4.59	−0.13	0.95	0.0	9	14	12	4	se.	W. R. Heagler
Parkin	Cross	222	7	....	....	....	....	....	....	....	5.63	....	2.85	0.0	6	12	5	13	....	Carroll King
Patterson	Woodruff	204	21	....	....	....	....	....	....	....	3.40	−1.82	0.97	0.0	7	17	8	5	sw.	W. E. Baker
Pine Bluff	Jefferson	215	50	64.3	+0.7	89	17	34	6	34	2.03	−3.48	0.57	0.0	7	13	12	5	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	13	....	....	....	....	....	....	....	3.71	−1.75	2.00	0.0	3	20	5	5	w.	J. R. Huddleston
Pocahontas	Randolph	300	44	60.2	0.0	90	17	32	1	38	3.03	−1.82	0.70	0.0	9	12	3	15	sw.	Benedictine Sisters
Portland	Ashley	122	31	64.6	0.0	90	17†	34	6	37	1.89	−2.84	0.52	0.0	10	13	9	8	sw.	W. E. Edmiston
Prescott	Nevada	318	49	64.6	+1.1	89	17	32	6	36	2.18	−2.74	0.74	0.0	7	11	8	11	s.	Craig Williams
Rock Springs	Drew	....	2	....	....	....	....	....	....	....	2.92	....	0.75	0.0	8	15	6	9	sw.	Soil Conservation Se
Rogers (near) ‡‡	Benton	1300	47	59.9	+1.4	88	17	27	6	46	3.50	−0.94	1.02	3.0	8	16	5	9	sw.	Carl A. Starck
Rosebud. ‡‡	Faulkner	600	3	....	....	....	....	....	....	....	2.90	....	1.12	0.0	6	10	17	3	w.	G. A. Maddox
Russellville [Evap]	Pope	526	25	62.7	−1.7	93	17	29	6	41	2.80	−1.20	1.05	0.0	7	21	2	7	s.	U. S. Forest Service
St. Charles	Arkansas	175	4	62.8	....	86	19	34	6	33	2.71	....	0.62	0.0	8	11	13	6	s.	U. S. Biological Surv
St. Francis	Clay	290	10	....	....	....	....	....	....	....	6.23	+2.17	1.91	0.0	11	17	2	11	....	A. Boyce Boyd, Jr.
Searcy	White	245	27	61.8	+0.1	91	17	30	6	36	4.39	+0.06	1.79	0.0	9	15	5	10	sw.	Walter Smith
Springbank ‡‡	Miller	240	28	....	....	....	....	....	....	....	3.18	−2.07	1.19	0.0	8	13	2	15	....	Henry Field
Story	Montgomery	650	13	....	....	....	....	....	....	....	3.27	−2.89	1.55	0.0	6	17	9	4	sw.	S. C. Story
Stuttgart	Arkansas	214	50	62.8	+0.4	89	17	32	6	35	3.03	−2.04	1.63	0.0	6	21	6	3	se.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	2	60.8	....	88	29	34	6	42	3.14	....	1.10	0.0	7	..	..	..	....	Rice Experiment Sta
Subiaco	Logan	750	40	63.1	+1.3	91	17	29	6	40	2.75	−1.83	1.29	0.0	6	16	8	6	se.	New Subiaco Abbey
Texarkana	Miller	332	52	64.4	+0.2	88	16	36	10	38	3.99	−0.97	1.41	0.0	6	14	5	11	s.	H. S. Brashear
Thornburg	Perry	650	17	60.5[a]	+0.3	90[a]	17	22[a]	6	45[b]	2.07	−3.19	0.84	0.0	6	10[a]	12[a]	7[a]	s.	Edward E. Holmes
Waldron	Scott	675	18	....	....	....	....	....	....	....	5.34	−0.42	2.54	0.0	8	5	12	13	sw.	Dr. Cheves Bevill
Warren	Bradley	206	43	64.6[d]	+1.0	89[d]	17†	36[d]	10	37[d]	2.39	−2.78	1.32	0.0	7	9[d]	6[d]	11[d]	sw.	C. N. Turner
Whitecliffs	Little River	290	31	....	....	....	....	....	....	....	2.60	−2.44	1.25	0.0	4	16	8	6	....	L. M. Snead
Wilson	Mississippi	237	12	61.6	+0.6	89	17†	34	10	36	3.20	−2.09	0.85	0.0	8	18	3	9	s.	D. O. Anderson
Wynne	Cross	250	29	61.0	−0.4	90	17	29	11	43	3.91	−1.31	1.68	0.0	5	11	14	5	s.	B. M. Eddins
Yancopin	Desha	167	13	....	....	....	....	....	....	....	3.92	+0.17	1.79	0.0	9	14	8	8	....	W. E. Barton
State Means				61.7	+0.2	96	17	20	6	47	3.18	−1.63	2.85	0.1	7	13	9	8	s	

Daily Precipitation for April, 1937

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser	Ouachita																																
Amity	Ouachita				.17	.19			.60						.39						.06	1.16			.35						47		3.39
Arkadelphia	Ouachita				.16	21			.07	T.					.55						.01	.97			.05					.30	.01		2.34
Arkansas City	Mississippi					.85	T.								T.		T.					.06	.24		2.05				T.	T.	.19		3.39
Batesville	White				.09	.95			.83					.11						.10		64		.04	.23				.01	T.	T.		3.00
Bee Branch	Arkansas				.25	.30			.90										T.	.80	T	.75			.30								3.30
Benton	Saline				.32	.33			.37													.71			52								2.25
Bentonville ***	Arkansas				.04	.13		.56	.01	T.	T.			T.	.01				.39		1.59	.21		.52					T	.18			3.64
Big Lake Outlet	St. Francis				.41	.77			.45	T.					.50	T.				.57		.29	.10		.51				T.	.05	.74		4.39
Black Rock	White				.20	.75	.04		.83	.16				.05	.40	.20				.15		.35			1.25					.04			4.42
Blytheville	St Francis				.42	1.18			.44						.60	.02				.86		.20	.03		.49		T.			.03	1.71		5.98
Booneville	Arkansas				.02	.12			.69										T.	.01	.52	1.62			.14						.14		3.26
Boughton	Ouachita				.49	.13	T.		.38						.15		T.					.79			.04					.22			2.21
Brinkley	White				.56	86			36											.28					.08				T.		.39		2.53
Calico Rock	White					.06			.36	.08	T.				.12					.34		1.12			.73								2.81
Camden	Ouachita				.57	.20			.37	.02					.53							.39			.07								2.15
Carthage	Ouachita				T.	.50			.70					30								.55			.31				T.				2.36
Clarendon	White				.36	.94			.26													.20	.03		.28					T.	.62		2 69
Clinton	White				.16				.83		T.			.03					.29			.80			.81				.06	.70			3.68
Conway	Arkansas				.29	.49			.91										.02		.11	.89			.56								3.27
Cornerstone	Arkansas				.33	.74			.48	.04				T.	T.					T.	.33	.01		*	18				T.		.24		2.35
Corning	White		.01		.32	.45	.05		.74					.01	.03					.35	.09	.41			.23					.02	.35		3.06
Cotter	White								.61	.10					.28					.60		1.68			1.40								4.67
Crossett [near]	Ouachita				.32	.10			.15	.02					.10							.67							.04				1.40
Danville	Arkansas				.04		.02		.55						.03					.41	.08	97	.20		.18								2.48
Dardanelle	Arkansas				.05	T.			.67	T.										.80	.05	.88			.39						.27		3.11
De Queen	Red				76	T.			.70					1.50	T.						.15	1 32			.19								4.62
Dumas	Mississippi				.20	.30			.45					.10		.15						.12		.42	.55				.03	.02	.87		3.21
Dutton	White																		.48		92	.20			.07					.12	1.02		
El Dorado	Ouachita				.45	.49	.01		.01	T.					.55							.43			.15				.20				2.32
England	Arkansas				.26	.75			.25													.25		T.	.18				T.	T.			1.72
Eureka Springs	White				.19	.45			.82		.03								.40		1.05	1.07			.15						.15		4.31
Fayetteville	White				.03	.46			82	T	.01			T.		.02			.41	.02	1.06	.78			.11						04		3.76
Fordyce	Ouachita				.32	.48			.56					.45								.30			.18				.01	.02	T.		2.32
Fort Smith ***	Arkansas	T.		T.	.39	.10		.69	T.					T.					.09		1.51	.03		.07					T	T.			2.88
Freeman Sprgs.	Arkansas					T.	T.				.75				.02					.03	.02	2.15			.21					1.15			4.33
Fulton	Red				.65	.09			.66						.54							1.20			33			T.			T.		3.47
Georgetown	White				.49	.60			.35											T.		.80	.02		.51					T.			2.77
Gilbert	White					.12			.68	05	.05	.05			.27					.24	.02	1 75			.75						.03		4.01
Glenwood	Ouachita				.23	.16			.50				.10						.06			1.17			.52						.24		2 98
Grannis	Red				.64	T.			.90					.21					.06	T.	.16	1.39		T.	.35				T.	T.	.02		3.73
Gravette	Arkansas				.47				.43					.04		.05				.10		1.91			.12						.18		3.30
Harrison	White	.01			.07	45			.57	.05	.01			.06		.01			.28		90	1.20			.35					.02	.25		4.23
Heber Springs	White				.20	.26			.78											.30		.61			.18					.10			2.43
Helena	Mississippi				.90	.52			.60													.20	.10		.22					.05	.05		2.64
Higden	White								.89		.08											.58			.32					46			2.33
Highland	Ouachita				.20				.71					.20								1.05			.31								2.47
Hope [Evap]	Red				.54	.06			.53						.39							.70			.17								2.39
Hot Springs	Ouachita				28	.35			.38					18					T.			1.06			1.10				T.	T.	.05		3.40
Index	Red				.58	.15			.55						.45						.10	1.10			.75								3.68
Jessieville	Ouachita				.35	.38			.50					T					T		.17	1.00			1.85								4 25
Jonesboro	White				.35	1.43	.02		.70	T.				T.	.18	T.				.48		.40	.07		.38					T.	.03		4.04
Lead Hill	White				T.	.37			.48		T			.02					.19		.72	1.30			.35					.01			3.44
Little Rock ***	Arkansas				.77	03		.29	T.	T.	T.			.01					.04		.24	.18		.34	T.				T.	T			1.90
LittleRock Airway	Arkansas				28	.46			.33					.01					.02			.50			.27				T.				1.87
Lutherville	Arkansas					T.			68	T.									T.	.16	.06	1.80			.20						.28		3 18
Madison	St. Francis				.25	1.15			.17		T.	T.										.25	.05		.10	T.			T.		.20		2.17
Magnolia	Red				.70	.26			.05					.21	.13							.86							T				2.21
Mammoth Spg	White					.47			.38							.65				.18		.80			.55					.04			3.07
Marianna	St. Francis				.25	.35			.08													.15		.08	.65				.02		.47		2.05
Marked Tree	St. Francis				.33	.82			.27							.04				.22		.33	T		.55					.05	.41		3.02
Mena	Ouachita				.29	.01			.64					T.	T.					.07	.47	1.69		T.	.02			T	T.	T.	1 07		4.26
Monticello	Ouachita				.39	35			.08					.09	.02							.29			.25				.03	T.	.34		1.84
Monticello (a) ***	Ouachita				.40	.30								.10								.30									.20		1.30
Montongo	Ouachita				.30	.45			.35					.22								.37			.15						27		2.11
Morrilton	Arkansas				.19	.21			.92											.12	.15	.83			.58						T.		3 00
Mountain Home	White								1.00	.05									.50		.12	1.70			1.15								4.52
Mount Ida	Ouachita								.90					.12					.18		.59	1.77			.12						.50		4.18
Newport	White				.34	.53			.72											.35		.34	.11		.86					.02	T		3.27
Norman	Ouachita				04				.30											.22	.25	1.80									1.00		3.61
Okay	Red				.61	.13			.44					.28	.08							1.13			.39								3.06
Ozark	Arkansas					.56			.66											.12		2.00			.11					T.	T.		3.45
Paragould	St. Francis				95	.54	T		.88	T.				07	.66	.17				.43		.56			.33					T.			4.59
Parkin	St. Francis				.41	1.00			.23													.20			.94						2.85		5.63
Patterson	White				.47	.92			.52			.09					.22					.21			.97								3.40
Pine Bluff	Arkansas				.32	.48			.41	T.					.13						T.	.57	T.		.10					T.	.02		2.03
Pine Ridge	Ouachita								1.00													2.00									.71		3.71
Pocahontas	White	02			.22	.67			.70					.42		.03						.42			.40				.15				3.03
Portland	Ouachita				.09	.05			11	.09				T.			.35				.05	.50	.03		.52					.10			1.89
Prescott	Ouachita				.29	.18			.40	T.					.27							74			.10					.20			2.18
Rock Springs	Ouachita				.75	.45			.25					.21						.02		.45		.04							.75		2.92
Rogers (near)	White				.03	44			.60										.43		.82	1.02				.06					.10		3.50
Rosebud	Arkansas				.14	60			1.12											.20		.56			.28								2.90
Russellville	Arkansas				.02	T.			.69	T.									.77	T.	.09	1.65			.08						.10		2 80
St. Charles	White				.62	.45			.15													.32		.25	.40				.02		.50		2.71
St. Francis	St. Francis				.61	1.91	.09		.88					T.	.11					.41	.20	.36	T.		.45		T.	T.		.08	1.13		6.23
Searcy	White				.15	50	T.		.80	.01					.28					.35		.49	.02		1.79					T.			4.39
Springbank	Red				1.05	.27			.05						.18						.18	1.19			.25				.01	T.			3.18
Story	Ouachita				.20				.53						.20						.67	1.55									.12		3.27
Stuttgart	Arkansas				.08	1.63			.18													.35			.37						.42		3.03
Stuttgart [Evap]	Arkansas				.22	1.10	T.		20	T.											T	.42	T.		.31					.01	.88		3.14
Subiaco	Arkansas					.07			.70										T.	.06	.56	1.29			T.						.07		2.75
Texarkana	Red				.95	.25			.18						.80							1.41			.40								3.99
Thornburg	Arkansas				.12	.34			.84					T.		T.			T.	T	.18	.39			20				T	T			2.07
Waldron	Arkansas				.08	.12			.67										.10	.16		1.51			.06						2.54		5.34
Warren	Ouachita					1.32			.01					.15								.35		.11	.25				T.		.20		2.39
Whitecliffs	Red								.40	.40					.55							1 25											2.60
Wilson	Mississippi				.76	.60			.15											.23		.05			.85					.06	.50		3.20
Wynne	St. Francis					1.68			.25													.41			47						1.10		3.91
Yancopin	Arkansas				.07	.32			.50	.10					.02		.02					.25	T.		.85					T.	1.79		3.92

Daily temperatures for April, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Amity §§	Maximum	70	76	78	75	51	66	73	55	61	67	72	78	60	70	87	83	87	79	82	81	79	83	83	68	69	68	69	80	84	86		74.
	Minimum	30	39	44	51	41	30	30	41	41	35	38	47	51	50	54	58	59	60	62	63	58	49	55	46	42	47	39	43	52	58		47.
Batesville	Maximum	67	70	75	73	57	55	63	63	57	59	61	73	70	77	78	74	85	85	72	77	75	83	78	72	64	60	63	67	80	81		70.
	Minimum	32	37	52	55	38	31	37	50	42	33	34	42	54	56	58	48	61	62	54	60	59	46	61	52	46	45	38	47	62	62		48.
Bee Branch	Maximum	68	73	78	77	71	59	65	66	55	55	63	75	75	78	80	89	90	90	74	75	75	82	83	83	67	65	63	68	80	80		73.
	Minimum	37	40	53	54	37	27	40	48	43	32	37	43	50	49	60	50	60	55	54	62	57	48	60	50	46	46	38	46	57	63		48.
Bentonville ***	Maximum	60	74	75	57	43	64	69	51	54	47	67	69	70	75	75	78	87	70	77	70	71	82	80	60	60	53	60	78	81	75		67.
	Minimum	42	39	57	36	33	29	47	41	39	34	36	51	61	60	57	54	67	52	46	58	55	54	52	42	47	40	36	48	60	52		47.
Blytheville	Maximum	68	74	79	75	61	61	65	60	58	60	61	70	70	78	78	71	90	86	80	84	75	85	86	73	65	60	65	68	87	81		72.
	Minimum	39	37	53	49	41	39	39	48	42	36	36	42	54	54	53	42	53	60	54	58	59	50	57	59	46	48	38	48	64	63		48.
Booneville	Maximum	64	74	78	76	53	65	72	66	58	60	69	75	73	72	78	83	90	83	74	74	65	85	84	82	63	65	64	84	87	83		73.
	Minimum	40	39	60	53	36	28	46	49	39	33	42	50	59	61	55	57	69	64	58	62	58	62	63	44	44	49	38	53	67	56		51
Brinkley	Maximum	70	75	77	76	72	61	68	64	62	60	67	75	73	79	86	86	88	91	78	83	80	85	86	74	68	70	65	70	74	86		75.
	Minimum	29	33	47	45	31	23	27	51	50	25	28	43	33	52	54	50	58	51	49	52	51	38	46	55	41	40	34	49	52	55		43.
Calico Rock	Maximum	72	79	83	83	58	65	67	68	60	58	68	78	80	83	83	78	95	91	78	77	78	88	90	90	68	62	69	68	86	88		76.
	Minimum	34	34	59	54	38	30	49	48	40	30	31	45	54	58	56	50	63	65	49	61	59	45	60	50	46	45	40	45	57	59		48
Camden	Maximum	72	78	80	80	71	66	75	74	63	70	74	79	79	79	87	89	88	85	84	85	84	85	87	87	73	75	72	79	86	84		79.
	Minimum	34	41	55	55	45	32	40	51	43	34	42	46	55	51	59	60	60	61	63	64	60	50	58	53	61	48	45	54	68	60		51
Carthage	Maximum	71	75	78	71	66	64	71	68	58	63	69	77	70	75	86	81	87	83	80	82	79	82	87	76	69	70	65	75	85	86		75
	Minimum	31	39	53	52	46	29	34	50	42	32	43	40	52	48	61	54	60	56	60	60	59	48	52	51	40	41	38	52	67	58		48
Center Point	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		.
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
Conway	Maximum	74	79	82	77	71	62	70	64	62	61	69	80	75	80	88	78	92	89	77	81	79	87	87	83	66	65	66	76	86	86		76.
	Minimum	35	39	56	52	42	29	40	48	44	34	35	44	51	51	60	52	62	60	58	63	59	50	58	49	44	49	37	52	68	61		49.
Cornerstone	Maximum	67	75	71	71	70	68	65	65	54	63	67	75	68	75	81	77	85	80	74	81	73	73	77	75	65	65	56	72	82	76		71.
	Minimum	37	40	53	53	43	33	40	51	45	35	40	46	55	50	59	54	59	55	60	61	60	49	56	52	41	47	35	50	69	63		49.
Corning	Maximum	65	75	80	75	53	59	64	61	56	60	63	73	71	77	74	67	90	86	74	79	72	86	86	80	66	56	68	65	83	85		71.
	Minimum	36	35	55	52	37	33	37	47	40	31	34	43	56	54	57	43	57	62	50	55	55	46	58	54	45	43	36	43	62	59		47.
Crossett	Maximum	72	77	79	80	73	64	72	67	63	69	72	79	76	82	82	86	88	83	83	85	82	84	85	75	73	77	70	74	85	87		77
	Minimum	34	45	51	52	47	31	35	53	42	32	38	42	50	50	56	60	60	56	59	58	59	50	58	60	40	45	48	53	68	74		50.
Dardanelle	Maximum	77	79	84	74	64	65	75	71	59	62	68	81	78	81	87	81	93	84	77	76	77	87	87	84	66	65	64	79	86	89		76
	Minimum	37	40	57	54	41	29	43	49	44	33	37	46	59	56	59	55	62	65	57	64	58	51	60	47	47	51	39	53	66	60		50
De Queen	Maximum	70	75	74	74	68	66	70	68	63	68	71	79	75	73	86	85	86	82	81	78	82	83	83	80	71	74	69	84	85	86		76
	Minimum	34	41	53	49	42	31	43	50	38	34	43	48	57	53	58	63	63	59	64	64	59	49	58	46	44	50	43	55	68	58		50
Dumas	Maximum	74	65	74	84	70	55	76	65	65	55	71	82	71	82	78	84	92	74	73	74	72	89	86	74	71	60	59	72	86	87		74
	Minimum	39	44	53	55	43	33	37	52	46	36	44	39	55	51	59	54	63	58	58	60	57	52	59	52	44	50	42	52	68	67		50
Dutton	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	85	79	73	70	70	80	79	75	58	55	61	73	81	78		..
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	60	60	42	56	55	44	56	40	40	44	29	42	57	47		..
El Dorado	Maximum	72	78	79	82	67	65	75	68	63	70	74	80	74	80	83	86	88	84	83	85	80	84	86	77	72	76	73	80	89	86		78
	Minimum	39	47	52	57	47	33	44	53	41	37	40	50	56	53	60	62	63	60	63	63	60	54	63	55	46	51	47	56	69	70		53
England	Maximum	72	72	80	75	72	61	70	71	..	64	70	78	72	81	85	80	90	84	81	83	79	85	86	76	69	66	64	75	86	87		76
	Minimum	39	41	54	52	42	33	38	52	..	37	39	44	58	53	62	52	61	58	60	63	60	51	59	51	44	51	39	51	68	36		51
Eureka Springs	Maximum	64	73	77	70	42	63	67	64	55	47	67	72	72	73	76	80	87	80	76	70	71	83	82	77	58	54	64	77	86	77		70
	Minimum	41	38	58	38	31	27	45	41	39	33	35	49	59	59	57	52	65	57	47	58	54	54	64	40	39	41	34	47	62	51		47
Fayetteville	Maximum	63	74	75	73	42	62	68	65	53	51	66	70	68	73	74	78	84	82	76	72	70	79	79	76	58	57	61	77	83	80		69
	Minimum	41	35	59	39	30	28	45	43	37	33	36	50	60	61	56	54	65	59	47	57	55	56	62	40	44	43	33	46	63	59		47
Fordyce	Maximum	71	80	78	74	66	65	72	70	61	68	80	76	69	79	87	90	89	89	86	85	85	86	85	83	73	73	71	76	85	81		77
	Minimum	36	43	41	57	45	33	41	51	42	37	45	47	56	52	60	59	57	60	64	62	60	52	61	54	44	44	46	53	69	61		51
Fort Smith***	Maximum	66	79	77	58	48	64	72	55	57	59	68	78	71	76	83	82	89	72	78	71	75	86	85	64	64	61	63	78	88	82		71
	Minimum	43	45	58	40	35	34	47	45	41	39	43	50	62	62	62	58	64	63	57	60	60	55	56	45	49	47	43	54	65	62		51
Gilbert	Maximum	59	70	75	79	48	61	65	65	59	55	51	66	76	72	80	78	84	92	73	77	74	75	84	83	66	62	58	65	75	82		70
	Minimum	27	28	31	44	33	20	37	42	39	25	33	43	45	54	46	44	51	62	45	48	54	49	42	44	39	42	32	50	51	50		41
Grannis	Maximum	70	75	74	73	55	65	69	64	61	65	70	77	63	69	88	83	85	75	80	74	80	82	83	76	69	71	67	83	83	84		73
	Minimum	30	38	48	47	38	26	40	48	33	30	39	42	55	49	67	60	60	57	60	61	55	46	56	42	40	43	36	52	67	52		47
Gravette§§	Maximum	59	75	75	50	40	56	62	55	46	50	60	66	70	65	70	77	83	65	68	69	71	75	82	58	59	50	65	70	75	82		64
	Minimum	30	37	42	40	32	27	33	44	39	31	37	43	52	59	54	55	57	60	48	52	53	54	52	41	43	42	31	41	41	43		43
Harrison	Maximum	67	76	82	66	40	61	67	57	53	49	66	76	75	78	76	79	91	77	76	71	73	83	82	78	58	51	60	72	83	80		70
	Minimum	39	30	59	39	32	26	41	44	41	30	32	45	55	55	59	49	65	60	44	58	41	45	48	44	46	42	36	42	59	54		45
Helena	Maximum	68	75	77	76	73	57	68	64	56	58	65	74	74	78	83	77	89	82	80	83	79	83	84	74	67	62	60	73	85	84		73
	Minimum	43	42	52	56	42	32	41	52	44	35	40	47	55	56	62	51	62	61	59	63	60	53	62	58	43	43	36	50	68	66		51
Highland	Maximum	70	75	77	73	69	65	72	69	63	66	70	77	73	73	84	83	88	79	82	84	80	81	89	77	70	72	67	80	84	85		75
	Minimum	39	45	51	51	41	32	40	48	37	39	43	48	54	51	60	59	60	60	60	63	56	54	58	46	45	50	42	52	66	60		50
Hope §§	Maximum	69	76	78	67	54	65	73	57	62	74	72	78	63	74	84	86	86	82	83	81	81	82	85	69	70	74	70	81	84	85		74
	Minimum	34	42	48	52	44	32	37	48	40	34	39	48	50	50	58	60	61	60	63	64	58	54	61	50	46	51	42	49	58	62		49
Hot Springs	Maximum	74	78	83	78	67	70	75	66	60	67	75	82	79	75	88	87	93	81	82	82	78	87	89	79	67	66	63	79	85	89		77
	Minimum	39	41	55	50	37	30	39	50	42	35	41	45	56	52	60	56	64	60	59	63	56	68	72	53	52	54	47	60	70	72		52
Jonesboro	Maximum	69	76	80	75	68	58	67	63	57	60	63	74	72	78	80	72	90	85	78	82	77	86	87	75	67	58	67	67	86	86		73
	Minimum	39	40	56	55	38	38	37	48	43	36	37	42	55	54	60	45	57	65	54	59	59	47	56	54	47	45	38	45	62	61		49
Lead Hill	Maximum	67	71	84	72	42	63	65	62	56	48	61	75	73	80	71	76	92	80	78	71	73	86	79	79	59	55	68	67	82	75		70
	Minimum	30	27	51	39	31	23	38	44	41	27	26	43	54	56	51	44	61	59	45	59	57	42	53	45	46	42	34	42	51	52		43
Little Rock.***	Maximum	69	75	80	71	48	59	71	55	56	59	65	74	66	76	84	78	90	82	77	81	77	85	86	65	65	62	62	75	85	85		72
	Minimum	40	48	57	45	40	34	43	47	45	39	44	49	56	54	63	55	64	63	59	62	60	55	63	49	45	49	41	52	69	66		51
Little Rock [Airway]	Maximum	71	79	82	73	67	59	71	68	59	60	67	79	72	80	86	78	92	86	78	83	79	86	88	76	69	65	63	73	87	87		75
	Minimum	36	40	57	52	42	34	38	51	45	35	40	43	58	50	61	53	57	62	60	63	60	50	60	51	46	52	38	52	69	65		50
Lutherville	Maximum	67	77	81	72	51	63	72	66	58	54	65	78	71	76	83	75	91	81	77	74	75	83	83	78	63	61	64	72	83	83		72
	Minimum	39	40	57	50	36	29	42	46	41	33	38	47	60	53	58	53	62	63	54	62	57	51	62	44	45	46	38	50	65	61		49
Magnolia	Maximum	71	78	79	80	80	64	74	73	61	69	72	79	83	79	83	88	87	87	81	88	92	90	86	89	78	75	79	80	91	90		80
	Minimum	39	47	53	56	44	33	43	51	39	35	40	43	55	53	57	58	61	60	63	62	58	55	63	51	44	52	50	46	69	65		51
Mammoth Spring	Maximum	64	74	80	78	55	63	62	54	53	56	65	74	74	82	76	84	92	90	76	79	76	82	84	80	65	54	64	63	84	84		72
	Minimum	34	40	55	54	37	31	37	35	35	30	32	44	54	55	53	46	52	62	46	54	53	53	62	50	48	40	38	43	50	57		46
Marianna	Maximum	70	77	78	80	77	60	69	71	60	60	75	75	75	81	86	84	93	91	91	84	85	86	86	75	70	70	66	72	86	87		77
	Minimum	42	45	53	53	42	32	40	53	47	38	41	41	56	55	63	52	62	60	60	64	61	53	63	57	46	46	40	50	69	69		51
Marked Tree§§	Maximum	70	75	79	76	51	58	66	58	57	61	64	72	73	79	80	74	90	86	75	83	76	86	85	66	68	55	66	73	85	86		72
	Minimum	40	52	51	56	41	40	39	49	44	39	38	40	52	53	63	46	52	59	55	59	60	49	59	59	46	48	41	48	54	63		49
Mena	Maximum	70	75	75	70	50	69	70	63	57	67	72	78	64	69	88	84	87	75	78	74	78	83	82	75	66	64	67	84	86	83		73
	Minimum	41	40	55	49	37	30	47	47	40	33	41	50	59	56	60	59	63	62	59	62	56	56	62	42	43	42	38	51	69	52		50
Monticello	Maximum	70	76	80	80	72	62	73	66	62	68	71	79	73	80	84	80	88	84	84	82	80	84	85	79	71	73	68	74	88	84		76
	Minimum	42	45	53	56	45	32	40	52	45	37	46	47	58	54	62	56	64	60	61	63	59	57	66	60	41	47	46	54	68	71		52
Morrilton	Maximum	71	73	80	79	77	71	72	67	60	58	65	76	74	79	79	77	90	83	84	82	85	83	85	81	73	69	63	76	85	85		76
	Minimum	35	34	39	36	41	31	41	49	45	35	37	45	55	55	61	53	62	54	51	53	59	52	60	48	51	51	40	52	66	61		48
Mountain Home	Maximum	68	75	80	67	45	62	63	60	54	54	65	76	74	78	77	75	92	80	77	73	73	84	82	75	62	57	66	66	84	81		70
	Minimum	33	31	57	43	35	25	36	45	38	30	29	43	52	55	57	47	60	58	45	59	56	44	58	44	44	41	37	44	56	55		45
Mt. Ida	Maximum	71	77	79	71	55	60	73	64	53	53	67	79	70	70	87	83	89	80	79	75	78	84	85	79	66	61	59	77	85	84		73
	Minimum	33	33	57	49	40	23	39	49	42	28	36	46	54	54	55	54	66	64	60	61	57	43	61	45	39	45	34	52	70	53		48
Newport	Maximum	69	76	80	77	66	57	66	65	58	59	65	73	74	81	83	80	96	90	75	81	79	85	86	77	71	66	67	72	85	88		74
	Minimum	37	40	55	55	39	34	40	54	45	37	37	43	57	53	63	47	61	64	56	60	60	47	57	59	46	49	38	49	67	64		50
Okay	Maximum	70	77	78	78	67	66	72	71	65	68	73	79	79	72	85	88	87	83	82	81	83	83	85	82	72	75	74	84	84	86		77
	Minimum	34	41	53	51	45	32	44	49	39	35	41	50	56	52	58	61	62	59	62	65	58	51	62	49	44	52	45	55	69	62		51
Ozark	Maximum	69	78	80	77	50	62	73	68	61	60	68	75	74	75	85	77	90	86	82	76	76	85	85	82	63	64	59	74	84	81		74
	Minimum	37	39	51	42	37	28	44	47	40	34	36	49	58	56	54	55	65	59	55	62	57	48	56	43	44	48	35	50	62	56		48
Pine Bluff	Maximum	73	78	82	76	55	60	74	68	59	67	69	80	73	80	86	79	89	83	80	84	81	86	86	78	70	68	61	76	85	84		73
	Minimum	40	44	56	55	43	34	40	53	46	37	45	48	56	54	63	55	65	64	62	65	60	57	63	55	46	52	41	53	70	65		52
Pocahontas	Maximum	67	73	78	76	70	59	64	64	59	62	64	71	70	78	77	72	90	88	77	79	77	83	83	77	66	57	69	64	83	84		7
	Minimum	32	37	54	55	38	34	35	48	42	35	36	42	54	54	59	45	55	62	52	58	59	45	52	53	46	45	39	43	61	60		4
Portland	Maximum	72	78	80	82	77	61	75	67	60	67	71	81	80	84	86	83	90	85	85	87	80	85	86	80	72	75	68	75	90	88		7
	Minimum	35	44	49	56	47	34	38	53	46	35	43	44	51	51	56	56	60	56	60	58	59	52	59	61	44	46	45	53	67	72		5
Prescott	Maximum	72	79	79	77	65	67	74	71	63	70	73	80	77	76	85	87	89	87	85	84	82	85	88	85	72	75	74	82	86	85		7
	Minimum	36	44	51	53	45	32	39	50	40	35	42	45	57	50	58	60	62	59	61	64	58	52	58	50	44	50	44	54	63	62		5

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding

Weather Bureau Office, Little Rock, Ark. 5-27-37-115

Daily temperatures for April, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Rogers	Maximum	65	76	78	78	43	66	69	68	55	54	69	72	71	75	76	81	88	83	80	75	73	84	82	80	62	61	64	79	84	82		72.4
	Minimum	39	30	60	40	31	27	46	42	40	30	33	53	60	61	56	55	66	59	48	58	55	48	63	41	46	43	33	48	62	49		47.4
Russellville [Evap]	Maximum	71	79	82	72	57	65	74	71	57	58	68	80	78	80	86	83	93	91	76	75	76	85	86	84	66	65	64	76	87	87		75.7
	Minimum	35	38	52	54	41	29	43	48	44	33	45	47	56	55	56	55	58	60	57	64	59	49	64	42	44	50	37	52	65	58		49.7
St. Charles	Maximum	68	73	76	76	70	58	69	69	55	59	65	74	74	77	82	82	85	83	86	81	81	83	84	72	78	70	62	71	83	83		74.3
	Minimum	42	42	56	52	42	34	42	53	47	37	40	48	57	53	62	53	60	57	60	62	60	50	70	56	48	44	37	50	68	66		51.4
Searcy	Maximum	72	77	80	75	67	62	70	65	59	59	68	78	68	78	84	79	91	87	78	81	79	85	87	73	67	61	66	71	87	87		74.7
	Minimum	36	42	53	54	40	30	37	50	45	33	36	42	50	50	61	51	58	57	57	61	60	49	55	53	44	45	36	50	67	65		48.9
Stuttgart	Maximum	71	76	79	78	70	60	70	66	59	61	69	78	74	80	85	80	89	84	84	83	79	86	87	75	70	66	65	74	88	87		75.8
	Minimum	37	41	53	52	42	32	37	51	41	37	41	43	54	52	62	52	58	58	60	60	59	52	57	54	43	50	38	48	66	64		49.8
Stuttgart ..[Evap]	Maximum	70	76	79	78	51	60	69	59	58	64	68	76	68	79	84	79	88	81	80	83	77	84	85	66	69	65	63	76	88	86		73.6
	Minimum	38	39	51	53	42	34	40	50	45	36	39	46	54	51	60	52	46	51	59	62	60	48	58	54	41	48	36	42	46	62		48.1
Subiaco	Maximum	68	78	80	73	53	69	75	66	60	61	72	79	74	78	85	83	91	82	81	76	75	86	85	80	64	63	65	77	86	84		75.0
	Minimum	39	42	57	53	38	29	47	49	41	35	38	47	63	60	63	55	64	65	55	63	58	50	65	44	47	50	42	52	64	60		51.2
Texarkana	Maximum	72	78	80	70	65	62	72	68	65	70	75	80	75	74	82	88	86	80	81	81	81	84	86	78	72	75	73	83	85	85		76.9
	Minimum	38	40	52	51	42	40	45	50	39	36	43	50	56	55	60	61	62	60	63	63	58	55	61	48	46	53	45	60	65	64		52.0
Thornburg	Maximum	72	75	79	76	63	66	72	67	57	61	69	77	67	76	84	80	90	85	78	77	77	..	84	84	65	65	65	79	85	84		74.4
	Minimum	29	30	57	49	39	22	42	45	43	28	31	45	51	57	59	52	59	62	56	63	56	43	..	44	40	49	30	49	69	53		46.6
Warren	Maximum	..	..	..	..	47	52	58	67	62	71	72	79	75	79	85	84	89	89	84	85	81	85	85	82	82	75	70	77	87	83		76.3
	Minimum	..	..	..	..	45	38	40	46	44	36	46	48	48	59	61	57	63	61	62	62	60	53	61	45	48	49	46	55	70	70		52.8
Wilson	Maximum	67	73	78	74	73	64	65	65	57	57	61	69	72	78	77	72	89	89	80	83	81	83	83	78	63	61	61	65	84	83		72.8
	Minimum	42	37	55	55	44	39	41	49	43	34	43	45	56	54	60	43	59	61	56	57	61	51	60	62	44	44	37	50	65	64		50.4
Winslow	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Wynne	Maximum	69	76	79	78	72	60	69	66	58	60	66	74	76	80	71	88	90	85	78	74	79	86	87	74	68	61	64	70	87	86		74.4
	Minimum	39	38	53	52	39	35	38	49	42	30	29	43	52	51	53	45	58	55	54	69	58	47	57	55	41	40	34	47	64	63		47.7

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.131	.192	.171	.236	.052	.099	.153	.250	.106	.163	.177	.183	.241	.018	.148	.154	.227	.272	.189	.210	.179	.155	.081	.380	.150	.291	.279	.198	.072	.139		5.296
	Mean tem.	52	59	63	60	49	48	55	52	51	54	56	63	56	62	71	73	74	71	73	72	70	68	73	60	58	62	56	65	71	74		62.3
	Wind move	38	66	63	55	55	48	32	102	99	56	69	8	65	35	81	46	48	72	54	34	101	47	49	106	93	78	62	37	55	33		1,782
Russellville [Ozark Nursery]	Evap.	.126	.158	.276	.170	.170	.106	.212	.138	.104	.090	.130	.230	.176	.156	.200	.252	.294	.411	.095	.085	.238	.353	.280	.398	.366	.280	.148	.008	.206	.211		6.067
	Mean tem.	53	58	67	63	49	47	58	60	50	46	56	64	67	68	71	69	76	76	66	70	68	67	75	63	55	58	50	54	76	72		62.7
	Wind move	40	50	90	55	100	30	70	75	82	33	54	56	140	105	75	63	128	72	16	21	60	62	133	153	102	109	35	39	81	21		2,150
Stuttgart [Rice Exp. Farm]	Evap.	.14	.16	.22	.25	.17	.09	.09	.28	.07	.15	.13	.18	.27	.07	.05	.42	.26	.32	.18	.21	.21	.24	.30	.23	.06	.57	.19	.12	.01	....		5.83
	Mean tem.	54	58	65	66	46	47	54	54	52	50	54	61	61	65	72	66	67	66	70	72	68	66	72	60	55	56	50	59	67	74		60.8
	Wind move	66	137	75	118	127	91	30	123	123	66	31	50	133	59	132	98	80	150	89	16	201	83	109	163	129	132	96	60	127	57		2,951

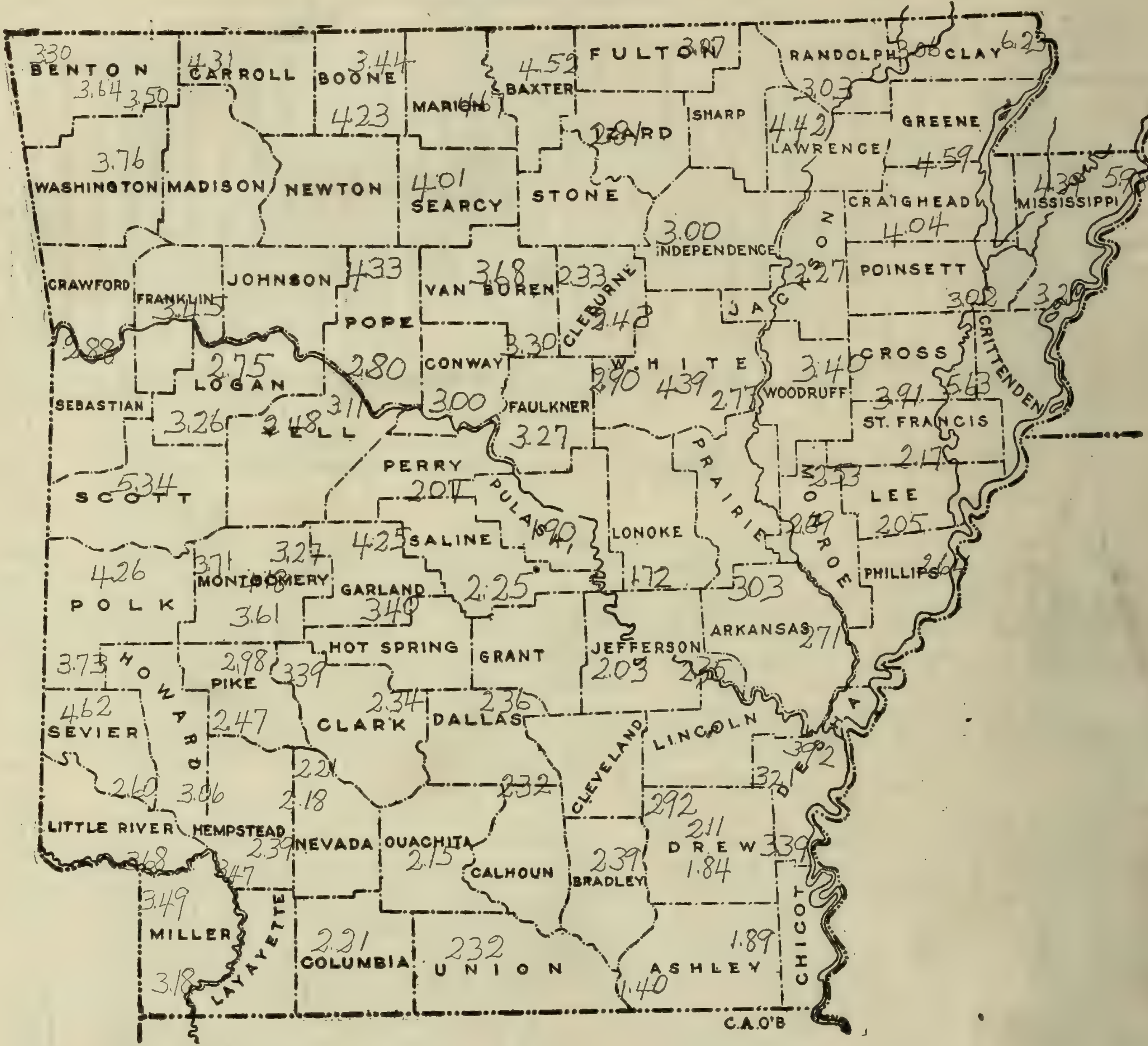
Daily River Stages for April, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	..Arkansas	22	8.1	7.8	7.5	7.3	7.2	7.7	8.3	8.3	9.8	10.1	9.5	9.3	8.9	8.1	7.3	7.0	6.8	7.5	7.3	6.7	7.6	11.8	14.2	15.2	13.2	11.0	9.7	9.0	8.4	7.9	
Van Buren	..... do	22	8.1	7.8	7.5	7.2	7.0	7.6	8.3	8.3	9.8	10.3	9.6	9.3	8.9	8.2	7.4	7.0	6.8	7.5	7.3	6.7	7.6	11.5	14.2	15.4	13.6	11.2	9.8	9.0	8.4	7.9	
Danville	.Petit Jean.	20	6.2	5.9	5.6	5.3	5.0	4.8	5.2	5.1	6.0	7.3	6.2	5.6	5.2	5.0	4.8	4.6	4.4	4.3	4.3	5.2	5.7	17.6	19.8	18.0	13.4	9.4	7.2	6.2	5.7	5.3	
Ozark	..Arkansas.	22	4.3	3.9	3.4	3.1	2.9	3.0	3.8	4.2	4.8	6.2	6.0	5.5	5.2	5.7	3.9	3.1	2.9	2.7	3.2	3.0	3.8	6.4	10.8	11.3	11.8	8.5	6.4	5.5	5.0	4.4	
Dardanelle	......do	22	8.0	7.2	6.9	6.5	6.3	6.0	6.2	6.8	7.2	8.0	7.9	8.6	8.6	8.0	7.5	6.7	6.2	5.9	6.0	6.3	6.3	9.0	10.6	13.1	13.9	12.5	10.6	9.2	8.4	8.0	
Morrilton	.... .do	20	5.2	4.9	3.2	2.8	2.4	2.2	2.0	2.4	3.2	3.6	5.0	5.4	4.8	4.4	4.0	3.3	2.4	3.0	1.8	2.1	2.2	3.7	6.6	9.8	11.4	11.0	8.9	8.0	5.4	4.6	
Little Rock.	......do	23	6.5	5.3	4.4	3.9	3.6	3.2	3.0	3.0	3.5	4.2	4.6	5.5	5.5	5.1	4.8	4.4	3.7	3.1	2.7	2.6	2.9	3.0	4.9	7.6	10.1	11.1	9.9	8.0	6.5	5.4	
Pine Bluff	......do .. .	25	11.7	10.6	9.5	8.4	8.4	7.9	7.5	7.2	7.1	7.7	8.7	8.9	9.7	9.7	9.2	8.9	8.5	7.9	7.5	6.8	6.7	6.5	6.7	9.3	12.4	14.7	15.1	13.5	11.9	10.6	
Gilbert	..Buffalo...	30	4.2	4.1	4.0	4.0	4.0	4.0	4.0	4.1	4.8	4.8	4.7	4.7	4.5	4.5	4.4	4.4	4.3	4.3	4.3	4.2	10.6	8.4	6.9	7.0	6.7	5.5	5.3	5.0	4.9	4.7	
Doniphan, Mo.	..Current ..	10	3.0	2.9	3.0	3.0	2.9	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.9	5.0	5.3	5.0	5.0	4.8	4.2	4.0	4.0	4.8	
Black Rock	...Black....	14	5.7	5.5	5.4	5.3	5.3	5.5	5.5	5.9	6.2	6.0	6.0	6.0	6.0	6.2	6.3	6.3	6.3	6.2	6.0	5.9	5.8	5.9	6.5	7.8	8.8	8.9	8.5	8.2	7.9	7.6	
OzarkBeachMo	...White...	30	2.0	2.0	1.4	2.1	2.1	1.2	1.2	2.8	4.1	4.4	5.1	4.8	4.5	4.4	4.4	4.0	3.8	2.0	1.1	1.1	5.7	10.2	12.2	9.3	7.6	7.0	6.2	5.3	4.8	4.6	
Cotter	. .. .do	21	4.8	4.6	4.5	4.2	4.2	4.2	4.2	4.5	4.3	4.3	4.3	5.5	5.5	5.8	5.8	5.6	5.4	4.8	4.8	5.0	5.4	9.8	11.0	14.0	10.8	9.0	7.8	7.8	7.5	6.2	
Calico Rock	......do	18	3.6	3.5	2.9	2.7	2.4	2.5	2.7	2.3	2.2	3.2	3.7	4.1	4.4	4.1	3.9	3.9	3.7	3.5	3.4	2.4	3.7	12.1	11.0	13.0	12.3	9.1	8.0	7.1	6.2	5.5	
Batesville	..... .do	23	8.9	8.9	8.5	8.2	8.0	7.7	7.6	8.3	7.9	7.7	8.8	9.0	9.5	9.9	9.4	9.1	9.1	8.8	8.6	8.3	7.6	13.3	18.5	18.0	21.9	17.5	15.0	13.8	12.7	11.7	
Newport	..... .do	26	8.0	7.5	7.3	6.7	6.4	6.2	6.0	6.1	7.0	6.9	6.8	7.4	7.6	8.2	8.4	8.1	7.9	7.7	7.5	7.1	6.6	6.4	13.8	16.7	18.0	20.3	19.3	17.8	16.4	14.8	
Georgetown	......do	21	11.9	11.4	11.0	10.6	10.3	10.0	9.7	9.5	10.0	10.4	10.6	10.6	10.6	10.8	11.0	11.2	11.1	11.0	10.8	10.5	10.2	10.0	9.8	14.0	16.1	17.1	17.8	18.3	18.6	18.7	
Clarendon	......do	26	20.4	20.2	20.0	19.7	19.5	19.3	19.0	18.6	18.3	18.2	18.2	18.2	18.3	18.3	18.4	18.4	18.4	18.5	18.4	18.3	18.3	18.1	17.8	17.7	18.4	19.5	20.3	20.9	21.5	22.0	
Arkadelphia	.Ouachita..	17	7.9	7.7	7.7	7.5	6.8	7.6	7.2	7.3	7.6	7.8	5.8	6.0	5.8	6.4	6.0	5.6	6.5	5.4	5.5	5.3	5.2	8.9	9.9	11.2	8.1	8.3	7.9	7.7	7.8	7.7	
Camden	.Ouachita ..	26	15.0	13.2	12.3	11.2	10.6	10.8	11.0	11.2	10.9	10.4	10.2	9.8	9.2	8.5	8.7	8.8	8.6	8.5	8.5	7.5	7.0	6.7	8.7	13.4	15.9	16.9	13.6	11.9	10.5	10.0	
Whitecliffs	Little River	25	8.0	6.1	5.4	3.8	6.0	8.0	9.8	10.8	11.1	13.4	14.3	13.4	11.2	10.1	12.4	13.7	12.1	9.0	6.9	6.7	7.0	14.8	20.4	23.0	23.5	23.1	21.5	18.1	15.0	12.3	
Index	....Red....	25	9.4	8.5	8.5	8.5	8.5	9.5	10.4	12.4	11.4	11.1	11.7	11.6	10.6	9.8	9.3	9.2	8.8	8.6	8.3	8.0	8.0	9.4	16.5	18.2	18.3	15.7	14.6	14.1	13.4	12.1	
Fulton	... ..do.....	25	11.2	10.3	9.4	9.3	9.3	9.9	13.1	13.8	13.2	13.0	13.1	13.8	13.2	12.0	11.2	11.7	11.7	10.6	9.8	9.0	8.8	9.6	16.4	20.2	20.4	19.5	18.6	18.0	17.1	15.2	
Big Lake Outl't	Little River.	10	7.2	7.1	7.0	7.0	7.1	7.2	7.5	8.4	9.3	9.8	10.2	10.4	10.4	10.4	10.3	10.2	9.9	9.6	9.4	9.1	8.7	8.4	8.1	8.0	7.9	7.8	7.7	7.7	7.7	7.7	
St. Francis...	St. Francis.	18	9.3	9.5	9.7	9.4	12.5	15.1	16.0	17.1	17.8	18.1	18.5	18.8	18.8	18.5	17.9	17.3	15.7	13.3	11.8	10.8	10.3	9.9	10.2	12.9	15.2	16.1	16.7	17.1	16.9	17.1	
St. Francis L.L.	......do	..	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.9	23.1	23.2	23.5	23.7	23.7	23.8	23.8	23.9	23.9	23.9	24.0	23.9	23.9	23.8	23.7	23.6	23.4	23.3	23.1	23.0	
Marked Tree	......do .. .	17	3.5	3.4	3.4	3.3	3.4	3.4	3.5	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.9	2.8	2.7	2.7	
Parkin	......do	28	8.1	7.9	7.8	7.7	7.9	8.4	8.6	8.7	8.5	8.4	8.2	8.0	7.8	7.8	7.8	8.1	8.3	8.5	8.9	9.0	9.3	9.4	9.5	9.6	9.7	9.6	9.5	9.4	9.2	9.5	
Madison	.... .do	32	10.7	10.6	10.5	10.4	10.8	10.8	10.8	10.8	10.6	10.4	10.1	9.8	9.6	9.5	9.6	9.8	10.1	10.5	10.7	11.0	11.3	11.5	11.6	11.7	11.8	11.9	12.0	12.0	12.2	12.5	
Helena	Mississippi .	42	26.6	26.8	26.9	26.8	26.5	25.9	25.0	24.1	23.4	22.7	22.0	21.3	20.7	20.4	20.4	20.6	21.0	21.3	21.6	21.8	22.0	22.2	22.2	22.3	23.0	24.0	25.3	26.7	28.0	29.1	
Arkansas City	......do	42	25.2	25.0	24.9	24.8	24.6	24.2	23.8	23.2	22.5	21.7	21.0	20.4	19.8	19.4	19.0	18.9	18.9	18.9	19.1	19.2	19.2	19.3	19.4	19.6	19.6	20.3	21.6	22.9	23.9	24.8	

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters [a], [b], [c], number of days missing. †Also on other dates. ‡‡P. O: addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana. Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ǁǁ 24 hours ending 7 a. m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for April, 1937



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII LITTLE ROCK, ARK., MAY, 1937 No. 5

PRICE: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

Temperatures were below normal the first five or six days of May and again from the 13th to the 15th, with light frost reported in the Ouachita Mountains on the 14th and 15th, while they were nearly continuously above the latter half of the month, with the warmest weather occurring in most sections from the 28th to the 31st. The mean temperature for the State, based on the records of 65 stations, was 71.1° which is 2.0° above the average for the past 47 years. Monthly means ranged from 64.4° at Dutton in the Ozarks to 74.8° at Magnolia in a southern border county. The highest temperature reported was 99° at Dumas and Hot Springs on the 28th and again at Dumas on the 31st; the lowest, 36° at Dutton on the 14th. The greatest daily range was 40° at Lead Hill on the 7th.

Showers were frequent the first half of the month with heavy rains occurring the 1st and 2d and again on the 13th, but thereafter rainfall was light and scattered except on the 22d and 23d when moderate to rather heavy rains occurred in the western portion. The average precipitation for the State for the 98 stations reporting was 3.63 inches which is 1.36 inches below the 47-year mean. Of the stations with records of 10 years or more, only 8 had positive departures. Monthly totals ranged from 1.28 inches at Crossett in the extreme southeastern portion to 6.71 inches at Lutherville on the southern slope of the Ozarks. The greatest amount measured in any 24-hour period was 4.70 inches at Cotter on the 2d. The average number of rainy days was 7.

Light dust was reported in all sections of the State on the 13th but was heaviest in the western portion.

A slight earthquake was felt in the northeastern portion of the State on the 16th at 7:15 p. m.

Farm work was delayed in northern and western portions the first half of the month by the frequent rainfall but the rains were very beneficial in southeastern and some central portions where the soil was becoming dry. Cotton planting was about completed in southern and central portions by the middle of the month and was well advanced in the northern. Considerable replanting was necessary in early plantings. Nights were too cool about the 15th for good growth but no serious damage was done. Cultivation and chopping of cotton progressed rapidly the latter part of the month and the chopping of cotton was almost completed by the close of the month except in later plantings. The planting of early corn was about completed the first week of May and much of it in the southern portion had been cultivated by the middle of the month. Wheat and oats were being harvested rapidly the last of the month and much alfalfa hay was cured under favorable conditions. Worms did considerable damage to oats in some southeastern counties but elsewhere the yield was good. The weather was very favorable for meadows, pastures, rice, fruit, and berries, and all kinds of truck.

T.A.M.

Heavy Hail:---Northeastern Phillips County, 4th, 4 p. m., small area, considerable damage to gardens and small plants. Hailstones 1-4 to 1-2 inch in diameter.

Moderate Hail:--Northeastern Arkansas Co., 2d, no report on damage. Southern Pulaski County, 12th, 3:30 p. m., slight damage to gardens and crops.

Damage by Lightning:---Southeastern Saline County, 12th, during the night, one house and one barn and contents destroyed, loss $2,000.

Correction:--April, 1937, Monticello mean temperature should be 64.8°. Mena, highest temperature should be 88° on the 15th.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	4	.	.	.	7	.	.	.			.	.	.	1		.	.	.	2	1	.	.	.	.	.	.	.
Light Hail	.	..		3	.	.	.	.	1		.	..	.	.	.	.	.	.	.	.	.		.	.	.	.	.	.	..	..	..
Moderate Hail	..	1	.	.	.	.	.		.	.	.	1	.				.	..	.		..	.	.	.	.	..		.	.	.	.
Thunderstorms	19	3	2	17	2	1	.	14	3	1	11	17	9	.	1	4	3	.	.	..	2	18	3		..	.	.	.	1	5	3

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29.93	30.22	14	29.68	29	5.9	19	w	21	..		..	67
Fort Smith	29.94	30.18	14	29 71	29	8.0	22	w	1	79	54	54	62
Little Rock	29.96	30.18	14	29.77	29	7.7	21	nw	22	80	52	54	79
Memphis	29.96	30.14	14	29.80	29	6.9	23	sw	4	76	55	57	65

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67 8	95	36	9.52	0 0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0 0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70 8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67 6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0 0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
Period	69.1	107	24	4.99	T.	8	13	10	8

Climatological Data for May, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	...	...	96[h]	23†	44[h]	15	36[h]	...	...	...	0.0	..	16[h]	3[h]	4[h]	sw.	L. R Water Work
Amity	Clark	500	42	70.5	+ 1.3	91	31	49	3†	35	4.68	−0.72	2.39	0.0	5	11	19	1	s.	J. W. Campbell
Arkadelphia	Clark	200	42	...	...	...	...	...	...	...	5.08	−0.05	4.01	0.0	7	13	14	4	sw.	Mrs. Ted R. Carpe
Arkansas City	Desha	145	53	...	...	...	...	...	...	...	4.14	−0.83	1.24	0.0	7	26	3	2	...	Herbert Neff
Batesville	Independence	277	38	70.3	+ 3.3	96	31	46	14	33	2.59	...	1.61	0.0	8	17	9	5	sw.	Airway Observer
Bee Branch	Van Buren	700	45	70.0	+ 1.7	94	31	44	15	32	4.00	−1.06	2.40	0.0	5	15	9	7	s.	J. E. Scanlan
Benton	Saline	285	2	...	...	...	...	...	...	...	5.03	...	1.69	0.0	9	23	5	3	...	S. A. Burks
Bentonville	Benton	1295	32	67.6	+ 2.6	89	31	42	14	32	2.75	−2.46	1.33	0.0	9	6	18	7	s.	U. S. Weather Bu
Big Lake Outlet. ‡‡	Mississippi	239	7	...	...	...	...	...	...	...	3.64	...	1.24	0.0	6	23	2	6	...	C. J. Brooks
Black Rock	Lawrence	259	36	...	...	...	...	...	...	...	2.86	−1.87	1.85	0.0	8	21	2	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	12	70.7	+ 0.5	97	30	45	15	35	2.78	−1.14	1.58	0.0	7	20	6	5	s.	Samuel Norris
Booneville	Logan	465	23	70.5	+ 0.7	95	31	46	14	31	5.15	−0.53	1.28	0.0	11	12	13	6	s.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	...	...	...	...	...	...	...	2.76	...	1.51	0.0	5	19	4	8	...	Harry Buie
Brinkley	Monroe	205	50	70.6	+ 0.6	97	28†	46	2	38	2.66	−2.73	1.54	0.0	8	14	13	4	se.	R. J Torry
Calico Rock	Izard	361	33	72.2	+ 5.5	98	29†	44	13	36	3.88	−0.77	2.36	0.0	9	18	5	8	s.	William Jones
Camden	Ouachita	116	52	73.8	+ 3.0	94	28†	49	15	34	1.71	−3.01	0.85	0.0	6	11	11	9	se.	J M. Knight
Carthage	Dallas	297	32	71.0	+ 2.5	93	29	46	5	34	2.08	−2.60	1.38	0.0	4	11	20	0	sw.	P. K. Wylie
Clarendon	Monroe	172	33	...	...	...	...	...	...	...	3.07	−1.49	0.96	0.0	9	15	8	8	sw.	R. M. Wheatley
Clinton	Van Buren	516	16	...	...	...	...	...	...	...	4.26	−0.57	2.29	0.0	7	12	13	6	sw.	A L. Stephens
Conway	Faulkner	309	54	71.7	+ 1.7	94	28†	47	14	33	5.14	+0.08	2.06	0.0	8	19	5	7	s.	E. E. Cordrey
Cornerstone. ‡‡	Jefferson	195	26	70.5	− 0.8	95	28†	48	5†	32	2.45	−1.65	0.94	0.0	5	21	9	1	sw.	P. B. Hutchens
Corning	Clay	293	44	69.7	+ 1.7	98	31	43	15	35	2.74	−1.99	0.91	0.0	7	18	7	6	s.	Winfred D. Polk
Cotter	Baxter	440	10	...	...	...	...	...	...	...	6.27	+1.38	4.70	0.0	7	17	4	10	...	O. B. McSpadden
Crosset (near)	Ashley	175	25	72.1	+ 0.3	94	31	41	15	39	1.28	−3.37	0.50	0.0	6	22	4	5	s.	U. S. Forest Servi
Danville	Yell	327	21	...	...	...	...	...	...	...	4.20	−1.59	1.77	0.0	9	5	20	6	...	J. M. Patterson
Dardanelle	Yell	330	51	72.6	+ 2.8	95	31	48	14	32	4.10	−1.09	2.29	0.0	10	5	19	7	s.	Geo. N. Goodier
De Queen	Sevier	426	2	72.2	...	92	30	48	2†	33	4.23	...	1.91	0.0	7	22	6	3	s.	E. B. Smith
Dumas	Desha	162	32	74.0	+ 2.8	99	28	48	15	36	2.33	−1.14	0.95	0.0	7	9	20	2	s.	Ben Johnson
Dutton	Madison	1590	35	64.4	+ 1.2	87	31	36	14	34	5.60	−0.21	1.76	..	10	4	23	4	s.	J. M. Ricketts
El Dorado	Union	270	37	74.2	+ 2.8	97	20	50	15	31	3.08	−0.40	1.47	0.0	5	19	8	4	w.	Mrs. E. W .Gas
England	Lonoke	229	31	72.2	+ 2.4	95	31	50	5†	31	3.10	−1.39	1.30	0.0	7	19	7	5	s.	Dr. R. H. Hardi
Eureka Springs	Carroll	1465	37	67.6	+ 1.2	88	19†	41	14	30	4.44	−1.15	1.32	0.0	8	16	12	3	sw.	Geo. W. Nichoald
Fayetteville	Washington	1451	50	68.1	+ 1.9	89	19†	40	14	33	3.17	−2.12	0.89	0.0	11	6	21	4	s.	University of Ark
Fordyce	Dallas	190	9	73.8	...	96	19	51	5†	33	2.55	...	1.05	0.0	7	22	7	2	s.	M. G. Taylor
Fort Smith	Sebastian	448	56	71.4	+ 1.8	92	27	50	14	30	3.86	−0.96	1.95	0.0	9	10	14	7	e.	U. S. Weather B
Freeman Springs ‡‡	Pope	2240	13	...	...	...	...	...	...	...	4.66	−1.06	2.76	0.0	7	15	11	5	sw.	R. J. McCuiston
Fulton	Hempstead	260	52	...	...	...	...	...	...	...	2.50	−2.15	1.47	0.0	6	12	14	5	...	T. J. Logan
Georgetown	White	200	25	...	...	...	...	...	...	...	3.03	−1.72	1.55	0.0	7	18	7	6	...	Mrs. W. R. Owen
Gilbert	Searcy	600	12	65.2	...	92	29†	39	15	37	4.19	−0.25	2.80	0.0	7	21	2	8	...	F. J. King
Glenwood	Pike	547	2	...	...	...	...	...	...	...	5.94	...	3.02	0.0	7	13	6	12	...	C. A. Price
Grannis	Polk	900	18	68.8	+ 1.8	88	19†	44	14	34	5.74	−0.69	1.81	0.0	9	17	8	6	s.	W. E. McVay
Gravette	Benton	1250	40	67.2[h]	+ 1.8	84°	29†	39	14	35°	3.54	−1.88	1.06	0.0	8	14	12	5	s.	Max W. Schmidt
Harrison	Boone	1052	37	68.0	+ 2.2	94	31	44	14†	38	4.71	−0.50	1.35	0.0	8	25	2	4	sw.	Louis R. Keck
Heber Springs	Cleburne	...	2	...	...	...	...	...	...	...	4.10	...	2.69	0.0	5	13	9	9	...	Volena Black
Helena	Phillips	300	65	72.0	+ 1.2	95	31	48	15	27	3.89	−0.80	1.30	0.0	10	10	11	10	n.	James A. Burnett
Higden	Cleburne	445	18	...	...	...	...	...	...	...	5.05	−0.27	3.27	0.0	4	24	3	4	ne.	Trumon Brown
Highland	Pike	491	18	72.6	...	92	28†	49	14	30	4.79	−0.33	1.98	0.0	7	10	16	5	sw.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	72.2	+ 1.2	92	28†	49	14†	32	2.78	−2.42	1.30	0.0	6	7	20	4	sw.	Experiment Far
Hot Springs	Garland	600	46	73.0	+ 3.5	99	28†	47	14	37	5.04	−0.97	2.45	0.0	11	4	24	3	s.	National Park S
Index ‡‡	Little River	275	20	...	...	...	...	...	...	...	3.45	−0.97	2.30	0.0	8	24	1	6	...	W. E McDowell
Jessieville	Garland	750	11	...	...	...	...	...	...	...	6.35	+0.31	3.00	0.0	9	0	25	6	sw.	U. S. Forest Serv
Jonesboro	Craighead	345	42	71.2	+ 1.7	96	31	46	15	35	3.19	−1.00	1.48	0.0	11	10	12	9	sw.	Benedictine Siste
Lead Hill	Boone	650	31	67.5	+ 0.1	95	26	39	14	40	3.41	−1.42	1.27	0.0	7	20	7	4	w.	J. H. Crosswhite
LITTLE ROCK.	Pulaski	324	58	71.9	+ 1.6	93	31	50	4	24	2.78	−2.00	1.24	0.0	9	10	12	9	sw.	U. S. Weather B
Little Rock Airway	Pulaski	257	1	72.0	...	96	31	59	3†	31	3.05	...	1.31	0.0	8	10	12	9	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	38	70.0	+ 2.0	95	31	45	14	31	6.71	+1.44	2.63	0.0	8	14	11	6	sw.	H. G. Lenhardt
Madison	St. Francis	209	7	...	...	...	...	...	...	...	2.75	...	1.27	0.0	5	15	4	12	...	J. W. Eppes
Magnolia	Columbia	315	21	74.8	+ 3.4	98	27	49	3	37	1.45	−3.02	0.80	0.0	3	4	26	1	s.	State Agri. Scho
Mammoth Spring.	Fulton	600	33	69.2	+ 3.2	94	31	46	3†	36	2.90	−1.69	1.53	0.0	8	16	11	4	s.	S. F. Whittaker
Marianna	Lee	235	26	74.5°	+ 4.3	98°	30†	52°	5†	33°	2.58	−1.70	1.40	0.0	9	14°	13°	1°	s.	C. N. Houck
Marked Tree	Poinsett	229	33	71.5	+ 2.5	96	29†	46	15	35	2.37	−2.33	1.09	0.0	8	8	20	8	n.	Charles Walton
Mena	Polk	1207	49	70.4	+ 1.8	92	31	46	14	56	4.18	−2.06	1.99	0.0	8	14	10	7	sw.	E. W. St. John
Monticello	Drew	...	1	73.7	...	95	31	52	15	28	3.19	...	1.66	0.0	6	9	16	6	sw.	Airway Observer
Monticello (a)	Drew	...	2	...	...	...	...	...	...	...	2.50	...	1.20	0.0	3	..	.	..	...	Soil Conservatio
Montongo	Drew	...	2	...	...	...	...	...	...	...	2.31	...	1.30	0.0	4	22	0	9	s.	Soil Conservatio
Morrilton	Conway	315	18	70.8	+ 1.8	92	28†	50	3†	30	5.13	+0.22	2.95	0.0	9	7	19	5	sw.	Mrs. Freda M. As
Mountain Home	Baxter	800	25	68.8	+ 2.2	96	31	43	14	36	3.78	−1.23	1.30	0.0	8	14	6	11	s.	B. S. Halbert
Mount Ida	Moutgomery	702	38	68.2	+ 0.2	91	28†	43	14	39	4.54	−1.39	2.35	0.0	8	17	7	7	sw.	G. A. Whittingt
Newport	Jackson	231	54	72.4	+ 2.6	97	25	47	15	36	3.25	−1.11	1.78	0.0	7	12	14	5	n.	J. D. Henderson
Norman	Montgomery	687	9	...	...	...	...	...	...	...	5.52	...	2.80	0.0	3	11	14	6	s.	U. S. Forest Serv
Oden	Montgomery	800	10	...	...	...	...	...	...	...	4.31	...	2.18	0.0	4	10	15	6	s.	U. S. Forest Ser
Okay	Howard	288	9	72.5	...	92	28†	46	4	33	3.49	...	1.58	0.0	7	23	6	2	se.	Charles R. Jacks
Ozark	Franklin	396	42	70.4	+ 0.8	94	18	45	3†	35	4.62	−0.17	1.75	0.0	9	18	8	5	e.	Orkney O. Milto
Paragould	Greene	275	14	...	...	...	...	...	...	...	...	...	...	0.0	..	..	..	..	...	W. R. Heagler
Parkin	Cross	222	7	...	...	...	...	...	...	...	2.34	...	1.32	0.0	3	14	6	11	...	Carroll King
Patterson	Woodruff	204	21	...	...	...	...	...	...	...	2.30	−2.76	0.98	0.0	4	23	6	2	sw.	W. E. Baker
Pine Bluff	Jefferson	215	50	73.0	+ 1.6	93	31	52	15	29	2.14	−2.53	1.20	0.0	6	15	12	4	sw.	Miss Theresa Sch
Pine Ridge	Montgomery	840	13	...	...	...	...	...	...	...	5.05	−0.22	2.04	0.0	3	10	13	8	sw.	J R. Huddlesto
Pocahontas	Randolph	300	44	71.0	+ 2.7	96	31	45	15	34	2.56	−2.32	1.05	0.0	6	13	4	14	sw.	Benedictine Sist
Portland	Ashley	122	31	73.0	+ 1.4	95	31	45	7	38	1.35	−4.00	0.70	0.0	4	10	19	2	sw.	W E. Edmiston
Prescott	Nevada	318	49	73.7	+ 3.3	95	28	49	4†	33	2.12	−2.93	0.95	0.0	6	14	7	10	s.	Craig Williams
Rock Springs	Drew	...	2	...	...	...	...	...	...	...	2.22	...	1.35	0.0	4	19	11	1	sw.	Soil Conservatio
Rogers (near) ‡‡	Benton	1300	47	67.8	+ 2.0	89	19†	40	14	37	2.74	−2.32	1.04	0.0	8	6	18	7	sw.	Carl A. Starck
Rosebud. ‡‡	Faulkner	600	3	...	...	...	...	...	...	...	3.39	...	1.62	0.0	6	20	6	5	sw.	G. A. Maddox
Russellville [Evap]	Pope	526	25	72.0	+ 2.4	95	31	48	14	32	5.89	+0.80	3.15	0.0	8	25	0	6	sw.	U. S. Forest Ser
St. Charles	Arkansas	175	4	74.6[f]	...	95[k]	31	52	4	30[k]	3.75	...	1.52	0.0	5	15	15	1	s.	U.S. Biological
St. Francis	Clay	290	10	...	...	...	...	...	...	...	2.36	−1.59	1.15	0.0	6	20	3	8	...	A Boyce Boyd,
Searcy	White	245	27	71.8	+ 3.3	97	31	47	3	34	4.02	−0.42	2.03	0.0	6	22	2	7	sw.	Walter Smith
Springbank ‡‡	Miller	240	28	...	...	...	...	...	...	...	1.33	−3.20	1.10	0.0	4	17	5	9	...	Henry Field
Story	Montgomery	650	13	...	...	...	...	...	...	...	4.61	−0.46	2.12	0.0	4	19	9	3	s.	S. C Story
Stuttgart	Arkansas	214	50	72.7	+ 2.8	97	31	50	5†	31	6.43	−1.58	1.87	0.0	7	22	6	3	sw.	Mrs. B. E. Swi
Stuttgart...(Evap)	Arkansas	210	2	72.0[a]	...	96[a]	31	50[a]	5	31[b]	5.66	...	1.52	0.0	8	..	..	..	...	Rice Experimen
Subiaco	Logan	750	40	71.6	+ 1.7	96	31	48	14	33	4.25	−1.02	1.63	0.0	7	16	11	4	se.	New Subiaco A
Texarkana	Miller	332	52	73.4	+ 2.0	92	28†	50	2†	32	3.42	−1.18	1.70	0.0	4	24	1	6	s	H. S. Brashear
Thornburg	Perry	650	17	68.2	+ 0.8	95	29	40	3†	37	6.47	+0.73	...	0.0	10	17	10	4	s.	Edward E. Hol
Waldron	Scott	675	18	...	...	...	...	...	...	...	...	...	...	...	..	..	...	..	...	Dr. Cheves Bev
Warren	Bradley	206	43	73.5	+ 2.1	95	31	50	15	31	1.75	−2.95	0.70	0.0	7	12	13	6	sw.	C N. Turner
Whitecliffs	Little River	290	31	...	...	...	...	...	...	...	3.05	−1.33	1.25	0.0	4	19	6	6	...	L. M. Snead
Wilson	Mississippi	237	12	70.7	+ 1.3	94	31	47	14†	33	2.18	−2.82	1.01	0.0	3	20	6	5	s.	D. O. Anderson
Wynne	Cross	250	29	70.7	+ 1.4	96	31	45	14	36	2.34	−2.38	1.45	0.0	6	15	13	3	s.	B. M. Eddins
Yancopin	Desha	167	13	...	...	...	...	...	...	...	2.68	−1.96	0.93	0.0	6	17	7	7	...	W. E. Barton
State Means				71.1	+ 2.0	99	28†	36	14	40	3.63	−1.63	4.70	0.0	7	15	10	6	s	

Daily Precipitation for May, 1937

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser	Ouachita											07		2.50									.27										
Amity	Ouachita		1.48			.09							.37	2.39										.35									4.68
Arkadelphia	Ouachita		.55	.10	T.	02							.27	4.01									.02	.11									5.08
Arkansas City	Mississippi		.63		.11	.63				1.24			.19	.94	T.									.40									4.14
Batesville	White	1.40	.21		T.				.17			.09	T.	.44				.09					.17	.02									2.59
Bee Branch	Arkansas	2.40	T.		T.				.35	T.			.25	.75				T					.25										4.00
Benton	Saline	.46	1.69			.35				.81			.10	1.47				.04	.04					.07									5.03
Bentonville***	Arkansas	.56	.03	.03	T.	T			.22				.15			.01	T.	T.				.24	1.09	T.			T.			T.	.42		2.75
Big Lake Outlet	St. Francis		1.24			.32	.60						.47	.85								.16		T.									3.64
Black Rock	White		1.85	.04		.20				.02			.24	.17									.05	.29			T.						2.86
Blytheville	St Francis		1.58			.31	.12						.07	.66	T.									.01			T.			.03			2.78
Booneville	Arkansas	1.23	.23		.73				.01	.83		.02	.65	.45			.15	.25					.60										5.15
Boughton	Ouachita		.85		.14								.13	1.51										.13									2.76
Brinkley	White	21	.12		.18				.33			.05	.02	1.54									.21	T.									2.66
Calico Rock	White		2.36	T.		.30	.06			.34		T.		.17				.01	.02	T.			.02	.60									3.88
Camden	Ouachita		.30		.41	.02							.09	.85										.04									1.71
Carthage	Ouachita	.55	.08		T.							.07		1.38																			2.08
Clarendon	White	.10	.47	.08		.10				.41			.05	.96					.02					88									3.07
Clinton	White	2.29	.05		.03				.30				1.05			T.		.06					.48										4 26
Conway	Arkansas	2.06	.18		.33	06			.30			.06		1.78									37										5.14
Cornerstone	Arkansas	.44		T.	.12				.94	T		T.	.79				T.						T.	.16						T.			2.45
Corning	White		.91	.03			.07						.50	.56									.11				.56						2.74
Cotter	White		4 70	.07		.30				.45			.17	.20									T.	.38									6.27
Crossett [near]	Ouachita	.50			.39					.05		.14		.05										.15									1.28
Danville	Arkansas		1.77			.16			.16	.31	.02			1.11				T.	.01				.56	.10									4.20
Dardanelle	Arkansas	T.	2.29	.05	03	.21				.10	.11			.74					.03				.26	.28									4.10
De Queen	Red	1.20		.19								.05		1.91									.66	.10	.12								4.23
Dumas	Mississippi	.73		T.	.15	.01			.32	.02				.95				T.						.15	T.					T.		T.	2.33
Dutton	White	1.76	1.08	T.	.37	T.			.26	T.		.39	1.05	.05			.04	.06					.54									T.	5.60
El Dorado	Ouachita	T.	1.47		T.					13				.59										.42		.47							3.08
England	Arkansas	1.10	T.	T.	.17				.32			.10	T.	1.30				T.					.08	.03									3.10
Eureka Springs	White	.83	.93	.15	.20				.22				.32										1.32									.47	4.44
Fayetteville	White	.34	.63		.15	T.			.39	T.		.01	.14	.01				.12					.89				T.			T.	.25	.24	3.17
Fordyce	Ouachita	1.05	.02	.02	.03	.02								1.05										.36									2.55
Fort Smith***	Arkansas	86		T.	.03			T	.43			.06	1.96			T.	.01	T.				.05	.39								.07		3.86
Freeman Sprgs.	Arkansas	T.	2.76			.02				.34				1.13				T	.09				.19	.13									4.66
Fulton	Red	T.	.62	T.	.07					T.			.03	1.47				T.						.28		.03							2.50
Georgetown	White	T.	72	.02		.22				.23			.17	1.55									T.	.12									3.03
Gilbert	White		2.80							.51			.07	.20				T.	.04				.07	.50									4.19
Glenwood	Ouachita	.06	1 98		.10								.10	3.02			11						.57										5 94
Grannis	Red	1.09		01	.15			T.		.68		.02	.92	1.81									1.04	.02									5.74
Gravette	Arkansas		.18			.15				18	T.		.10	.40									.65	82								1.06	3.54
Harrison	White	1 35	.85	.02	1.04				.30			.02	.33										.80										4.71
Heber Springs	White		2.69								.36			.87					.06					.12									4.10
Helena	Mississippi	.37	.22		.05	.75				.34			.01	1.30	.04									.62							.19		3.89
Higden	White	3.27							.38				.93										.47										5.05
Highland	Ouachita	1.61		.10								.40		1.98									.37	.30	.03								4.79
Hope [Evap]	Red		1.19	T.	.07	.03							.09	1.30										.10									2.78
Hot Springs	Ouachita	2.45	.18		.27		.01	.01	T.	T.	.01	.06	.08	1.68									.19	.10									5.04
Index	Red		.50											2.30									T.	.65									3.45
Jessieville	Ouachita	*	3.09		.50	T.		.18	.25	T		.37		1.45			T.	.03					.57										6 35
Jonesboro	White		1.48	.02		.03	.48			T.			.02	1.02	T.			.01	.02				.07	.01							.03		3.19
Lead Hill	White	1.27	1 02	.01	T.	03			.33				.09										.66					T.					3.41
Little Rock***	Arkansas	1.21	.03	T.	.10				.17			.03	.72	.45		T.	T.	.01					.06										2.78
LittleRock Airway	Arkansas	1.30	.01		.08				.26			05	.12	1.10				T	T.				.13	T									3.05
Lutherville	Arkansas	2.63	1.10		.13	T.			.14	.18		T.	.88	1.35				T.					.30										6.71
Madison	St. Francis	T	60	T		T.	T.			.30				1.27	.08				T.					.50									2.75
Magnolia	Red	.38												.80										.27	T.								1.45
Mammoth Spg	White		1.53	.09		.03				T.			36	.34				06					.03	46									2.90
Marianna	St. Francis	.16	40		.20				.10	.15		.05		1.40									.02	.10									2.58
Marked Tree	St. Francis		.94	.04			.03			.07				1.09	.01								.11								.08		2.37
Mena	Ouachita	.03	1.99		T	.04				.06			T.	.95									1.04	.03		.04							4.18
Monticello	Ouachita	.76		T.	.04				1.36	.30				.69									T	.04									3.19
Monticello (a)***	Ouachita					.30				1.20				1.00																			2.50
Montongo	Ouachita	.25							1.30					.60									.16										2.31
Morrilton	Arkansas	T.	2.95	.05		.12				.31			.02	1.17					.02				.23	.28									5.13
Mountain Home	White	1.20	1.30	.10	08	.15			.40	T.		T.	.20										.35										3.78
Mount Ida	Ouachita	2 35	.12			03		.06	.03					1.87									.02	.06									4.54
Newport	White		1.78		T.	T.			T.	.10			.12	.84					.15				.25	.01									3.25
Norman	Ouachita		2.80											1.72									1.00										5.52
Oden	Ouachita		1.36	.08						T.				2.18				T.					.69	T.									4.31
Okay	Red	86		.20	.23							.22		1.58									.23	.17									3.49
Ozark	Arkansas		.98	.33	T.	.95	.03			.03			.02	1.75				T.	T.				.25	.28									4.62
Paragould	St. Francis																																
Parkin	St. Francis		.85	T.										1.32										.17									2.34
Patterson	White	.43							.47				.42	.98																			2.30
Pine Bluff	Arkansas		.52		T.	.08				25			.04	1.20										.05									2.14
Pine Ridge	Ouachita	T.	2.04											2.04									.97										5.05
Pocahontas	White	1.05	.70		.06								.62	.03									.10										2.56
Portland	Ouachita		.45			.10				.70														.10									1.35
Prescott	Ouachita		.58		.08	.03							.25	.95										.23									2.12
Rock Springs	Ouachita	.45							1.35					.32									.10										2.22
Rogers (near)	White	.17	.72		.06				.22				.13										1.04								.17	.23	2.74
Rosebud	Arkansas	1.62	.11		.16				.26				1.02										.22										3.39
Russellville	Arkansas	3.15	.71		.31				.22				.36	.69				.03					.42										5.89
St. Charles	White	T.	.90	T.	.43		.05					T.		1 52									T	.85									3.75
St. Francis	St. Francis		1.15	.06		.10	.11						.14	.80									T.	T.									2.36
Searcy	White	T.	1.30			.07				.42			.03	2.03					T.					.17									4.02
Springbank	Red				.05							T	T.	1.10									.08	.10									1.33
Story	Ouachita	T.	2.12			.20								1.23									1.06	T.									4.61
Stuttgart	Arkansas	1.40	.57			.12				90			.12	1.87										1.45									6.43
Stuttgart [Evap]	Arkansas	1.36	.97	.01	T	.02				.72			.14	1.52										.92									5.66
Subiaco	Arkansas	1.63	.17		.36	.01			T.				.85	.76			T.	T.					.47										4.25
Texarkana	Red		.50		.06									1.16									T	1.70									3 42
Thornburg	Arkansas	2.62	.38		.56	.66			.21	T.		.05	.12	1.76			T.	.05					.66										6.47
Waldron	Arkansas																																
Warren	Ouachita	30	T.	.06	T.	.09			.10	.70				.30										.20									1.75
Whitecliffs	Red		.90		.20									1.25										70									3.05
Wilson	Mississippi		.92											1.01	.25																		2.18
Wynne	St. Francis		.46			.05				.10				1.45	.10									.18									2.34
Yancopin	Arkansas		.61		.08	.93	T.			60				.39										.07									2.68

Daily temperatures for May, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	..	..	..	..	..	..	..	..	83	84	85	84	78	73	79	87	84	89	93	92	93	94	96	90	92	88	91	93	95	94	95	....
	Minimum	..	..	..	..	..	..	..	..	60	62	55	58	61	50	44	59	59	56	66	58	66	58	60	55	62	62	60	61	63	70	61	....
Amity §§	Maximum	65	78	67	71	76	82	83	82	84	86	75	85	85	75	79	89	83	77	79	78	84	73	82	86	86	85	88	90	89	89	91	81.5
	Minimum	60	53	49	51	49	52	53	56	59	60	60	63	59	51	51	54	63	63	61	62	65	62	61	63	64	67	67	66	68	67	65	59.5
Batesville	Maximum	78	69	76	71	71	79	81	76	81	80	84	76	77	73	76	86	82	89	85	90	90	84	81	84	92	90	92	93	94	93	96	82.9
	Minimum	58	56	49	54	52	50	50	50	52	57	52	63	61	46	47	56	61	56	66	61	64	63	61	56	60	65	62	64	64	68	64	57.7
Bee Branch	Maximum	80	70	72	73	75	75	80	79	80	82	81	76	76	75	76	84	82	88	90	90	90	85	78	84	89	88	91	92	90	90	94	82.4
	Minimum	58	54	49	54	50	52	50	52	51	60	57	60	61	45	44	54	66	56	65	62	60	62	61	59	65	63	62	64	64	65	62	57.6
Bentonville ***	Maximum	65	70	67	64	69	75	78	74	75	79	76	71	65	71	78	86	80	85	88	87	85	69	78	83	86	81	88	88	89	83	89	78.1
	Minimum	52	52	48	53	50	48	49	58	54	50	62	60	50	42	51	54	62	60	69	65	63	58	54	58	66	64	61	64	65	66	62	57.1
Blytheville	Maximum	73	67	72	71	71	74	78	82	81	74	85	76	76	67	74	86	76	88	83	89	91	82	81	87	92	91	93	94	95	97	94	81.9
	Minimum	57	57	55	53	55	56	50	52	59	59	50	66	62	46	45	59	57	56	65	61	66	67	60	56	60	69	66	66	70	71	72	59.5
Booneville	Maximum	76	75	70	67	75	80	81	77	84	82	80	76	73	74	77	85	81	91	91	87	87	82	81	85	89	84	91	90	88	91	95	82.1
	Minimum	56	52	47	52	49	49	53	59	57	57	61	65	59	46	51	59	64	60	66	62	65	61	60	60	67	65	63	63	64	70	65	58.9
Brinkley	Maximum	77	74	75	76	76	78	84	78	83	80	87	80	79	74	76	89	83	88	90	92	90	84	85	87	92	92	95	97	94	93	97	84.7
	Minimum	50	46	48	50	47	47	48	50	56	58	53	65	60	50	47	55	60	59	60	65	64	66	61	59	64	59	69	64	58	58	59	56.6
Calico Rock	Maximum	88	70	78	78	77	80	84	87	85	87	86	78	76	78	82	88	89	90	92	96	97	87	83	89	93	95	96	97	98	98	98	87.1
	Minimum	55	54	46	55	52	49	49	51	54	55	54	65	44	56	48	55	62	56	66	63	62	63	57	56	61	65	62	63	64	67	63	57.2
Camden	Maximum	77	79	77	76	78	83	87	85	87	88	87	89	89	80	82	90	90	92	92	92	91	90	82	92	92	91	92	94	94	94	94	87.3
	Minimum	59	52	50	52	52	52	53	60	58	59	60	65	62	52	49	60	62	64	60	63	64	67	67	64	67	64	68	66	67	64	64	60.2
Carthage	Maximum	78	77	71	72	76	78	83	84	82	84	85	86	83	74	78	85	84	88	90	90	87	82	81	88	91	91	90	91	93	91	92	84.0
	Minimum	58	51	49	51	46	50	49	56	55	59	57	63	61	50	47	58	61	61	60	62	63	63	65	60	65	66	60	64	64	63	62	58.0
Conway	Maximum	77	75	78	70	76	79	85	82	83	79	85	80	79	74	79	87	78	91	91	92	90	81	81	87	91	90	93	94	93	92	94	84.1
	Minimum	59	54	49	53	49	52	52	56	55	60	57	61	61	47	50	59	65	58	63	65	65	63	63	59	66	66	65	66	67	68	64	59.3
Cornerstone	Maximum	74	72	71	74	70	78	80	76	77	77	83	82	71	71	73	85	86	84	89	93	84	80	80	86	90	92	91	95	87	95	87	81.7
	Minimum	61	55	49	53	48	49	48	53	57	59	59	65	62	52	49	57	65	62	61	62	64	65	64	61	67	66	64	65	66	64	65	59.3
Corning	Maximum	78	67	78	73	71	77	82	82	84	82	82	74	77	71	75	87	76	86	81	87	90	83	78	85	89	91	91	95	94	94	98	82.5
	Minimum	57	56	51	53	53	47	47	50	53	57	47	63	60	44	43	57	54	53	63	59	63	65	59	53	59	68	65	64	66	69	67	56.9
Crossett	Maximum	74	80	83	81	78	81	84	84	81	85	85	86	85	75	80	89	89	89	91	91	91	87	85	90	91	91	92	92	90	93	94	86.0
	Minimum	51	53	52	57	50	59	52	56	60	55	59	61	62	52	41	54	57	61	58	62	61	59	65	63	67	63	63	64	64	61	63	58.2
Dardanelle	Maximum	82	74	76	71	77	78	83	81	83	82	81	78	77	76	82	89	85	91	94	92	92	86	83	87	92	89	94	93	93	94	95	84.8
	Minimum	57	54	49	54	51	53	53	59	55	61	60	63	60	48	53	61	67	59	66	64	65	62	63	60	67	68	66	66	68	71	68	60.4
De Queen	Maximum	82	79	66	72	79	83	85	81	86	87	83	84	80	76	81	85	82	89	89	88	87	84	83	87	88	85	90	91	89	92	90	84.0
	Minimum	58	48	50	50	49	50	55	61	59	60	66	63	61	48	52	60	63	63	63	63	65	62	66	66	69	68	66	67	68	68	67	60.5
Dumas	Maximum	76	78	78	74	63	77	85	87	72	86	90	93	75	75	84	91	90	97	95	97	95	86	84	90	97	97	98	99	97	97	98	87.1
	Minimum	60	55	54	58	51	54	54	57	58	60	60	64	62	49	48	58	65	65	65	65	65	65	64	65	65	68	67	69	69	65	66	61.0
Dutton	Maximum	70	67	68	63	69	75	75	69	77	75	74	72	68	70	75	83	74	83	85	84	83	75	76	79	84	80	84	86	85	85	87	76.8
	Minimum	48	49	40	48	46	41	43	52	48	47	58	59	51	36	44	50	55	56	61	56	62	57	47	49	60	60	56	55	57	61	57	51.9
El Dorado	Maximum	75	78	80	77	79	84	85	87	84	87	86	90	83	77	81	89	90	91	92	97	91	85	80	88	90	90	91	94	90	92	92	86.3
	Minimum	63	52	54	57	53	54	55	61	61	60	59	65	62	54	50	62	65	66	65	67	65	66	66	65	71	66	69	70	70	68	67	62.2
England	Maximum	81	75	76	73	69	79	82	81	79	82	87	81	77	72	71	89	86	89	90	92	90	85	84	91	91	91	93	93	93	93	95	84.2
	Minimum	60	55	52	52	50	53	52	57	56	62	56	65	62	51	50	59	64	62	62	64	66	65	65	61	66	68	66	66	69	67	66	60.3
Eureka Springs	Maximum	70	67	67	64	70	75	78	71	77	78	77	72	67	70	78	86	79	84	88	87	85	77	75	82	85	79	86	88	88	85	87	78.1
	Minimum	53	50	49	53	48	49	49	57	51	51	58	60	51	41	49	56	61	62	68	64	64	57	55	56	66	70	64	64	67	66	61	57.1
Fayetteville	Maximum	72	70	66	64	70	75	78	76	76	79	75	74	68	72	79	86	79	86	89	88	85	84	78	82	87	84	88	89	89	86	87	79.4
	Minimum	51	51	47	53	49	46	47	57	53	51	63	62	49	40	46	54	62	59	67	64	66	59	54	57	68	66	62	61	65	69	62	56.7
Fordyce	Maximum	77	78	73	77	77	82	84	84	83	86	87	89	85	78	81	89	87	92	96	94	92	90	82	90	92	92	93	95	95	94	95	86.7
	Minimum	59	53	52	53	51	53	54	60	58	58	61	64	61	53	51	60	54	64	63	66	65	68	65	65	69	66	69	68	68	68	67	60.8
Fort Smith***	Maximum	67	74	71	68	74	80	80	77	84	80	78	72	71	73	84	85	77	89	91	90	88	72	80	84	91	85	92	92	92	87	89	81.2
	Minimum	55	53	53	56	54	55	59	62	59	61	62	62	57	50	54	63	66	62	70	67	64	63	58	63	69	71	67	68	68	68	67	61.5
Gilbert	Maximum	81	60	74	78	70	75	77	80	68	81	77	81	72	73	74	78	76	74	88	90	89	88	73	75	83	89	91	89	92	91	92	80.0
	Minimum	48	50	41	48	43	43	42	44	50	50	48	57	52	45	39	49	51	49	56	56	54	56	55	52	54	54	54	57	56	57	57	50.5
Grannis	Maximum	71	77	67	69	78	81	84	81	83	84	81	81	77	76	79	87	80	86	88	86	85	75	82	87	86	84	87	88	87	88	88	81.7
	Minimum	55	47	46	52	45	48	50	52	54	56	61	60	56	44	46	54	59	59	67	58	59	59	61	59	64	63	60	60	61	61	61	56.0
Gravette§§	Maximum	70	65	63	60	73	74	81	77	77	81	78	72	65	70	75	78	76	78	86	..	..	..	82	83	91	91	91	92	94	94	94	79.0
	Minimum	49	52	42	45	48	45	46	57	52	50	58	59	50	39	47	52	61	59	66	63	65	58	54	59	63	67	61	62	63	67	62	55.5
Harrison	Maximum	68	67	74	70	74	77	81	76	80	76	81	71	70	74	82	86	76	90	92	92	90	76	75	83	91	84	91	93	93	88	94	81.1
	Minimum	53	51	48	52	49	46	47	45	54	52	54	48	54	44	44	54	60	57	64	60	62	58	56	53	61	63	60	60	61	66	62	54.8
Helena	Maximum	71	76	76	70	72	74	78	82	78	79	85	82	76	71	74	84	80	85	89	91	88	84	80	86	90	88	90	91	91	92	95	82.2
	Minimum	58	56	55	54	51	52	51	56	60	60	59	66	62	52	48	59	65	68	69	72	67	66	62	65	68	70	69	69	69	71	71	61.9
Highland	Maximum	76	76	75	75	79	80	85	83	85	86	80	86	80	75	81	88	85	89	90	90	90	87	82	90	90	89	90	92	90	92	92	84.8
	Minimum	56	54	51	50	51	56	55	60	57	75	60	63	59	49	52	62	63	64	61	66	63	60	63	64	68	63	63	68	65	66	67	60.5
Hope §§	Maximum	68	77	66	72	78	80	85	81	86	86	84	88	78	75	80	86	86	90	90	88	88	78	80	90	90	88	90	92	91	92	92	83.7
	Minimum	63	50	52	50	50	51	53	58	58	60	64	66	60	49	49	58	62	64	66	66	64	67	66	66	68	66	68	66	68	68	68	60.8
Hot Springs	Maximum	81	79	81	74	80	83	84	83	87	87	80	82	85	84	84	93	88	94	94	94	93	90	89	92	96	94	97	99	96	99	98	88.4
	Minimum	57	52	49	49	50	51	52	52	55	61	59	60	60	47	52	60	62	61	62	65	64	61	53	61	65	62	67	65	68	67	65	58.5
Jonesboro	Maximum	80	69	78	73	73	76	79	82	81	78	87	72	78	71	76	85	80	88	83	92	90	85	83	88	90	90	93	93	95	94	96	83.2
	Minimum	56	56	52	52	52	51	50	52	55	59	52	62	61	48	46	59	62	56	67	61	68	63	61	60	61	70	67	68	69	70	69	59.2
Lead Hill	Maximum	68	70	75	71	74	78	83	70	79	78	82	73	70	73	79	86	78	92	89	93	91	79	78	85	92	95	91	92	90	91	93	81.9
	Minimum	45	44	44	52	56	43	43	49	53	47	53	59	55	39	41	51	59	53	63	60	57	57	56	53	59	60	58	57	59	60	60	53.1
Little Rock.*	Maximum	64	75	72	69	74	76	80	77	80	79	83	80	76	72	77	85	78	87	88	89	88	78	80	85	90	88	90	91	90	91	93	81.5
	Minimum	56	54	52	50	51	58	57	62	58	65	60	63	60	53	55	62	65	63	68	68	68	64	64	65	70	68	69	69	71	72	71	62.3
Little Rock [Airway]	Maximum	67	76	76	74	78	78	82	76	82	80	87	83	79	74	78	86	81	89	90	91	90	84	82	87	92	91	94	95	94	94	96	84.1
	Minimum	59	55	50	51	50	55	51	56	57	63	57	64	62	52	50	60	65	60	64	63	67	65	64	61	66	66	65	65	66	67	65	60.0
Lutherville	Maximum	73	69	70	66	72	78	79	74	81	79	78	71	75	72	79	86	78	88	90	89	88	78	80	85	90	86	90	91	91	92	95	81.1
	Minimum	55	52	49	54	47	54	52	57	53	60	58	62	58	45	51	58	66	57	65	64	68	60	59	61	66	67	64	65	66	70	65	59.0
Magnolia	Maximum	77	77	82	87	86	82	85	87	92	95	88	89	86	87	80	88	92	90	91	95	89	90	82	88	90	95	98	93	97	94	94	88.6
	Minimum	59	50	49	50	50	52	54	57	60	60	66	64	60	52	54	62	64	65	64	66	63	66	66	66	70	65	67	68	70	68	68	61.1
Mammoth Spring	Maximum	86	68	77	71	77	71	81	76	80	82	84	79	77	72	81	84	83	84	86	89	91	83	80	84	90	88	87	92	92	93	94	82.6
	Minimum	56	55	46	53	46	49	46	50	47	50	48	64	59	48	46	54	55	59	63	60	63	64	62	53	57	64	60	61	63	64	62	55.7
Marianna	Maximum	78	77	77	73	76	80	85	81	82	82	86	..	..	..	85	90	75	88	91	92	91	90	89	89	94	95	95	94	93	98	98	86.6
	Minimum	59	55	55	55	52	55	53	56	61	61	58	..	..	..	52	60	60	64	66	69	67	70	64	64	68	70	70	71	71	70	70	62.4
Marked Tree§§	Maximum	63	68	78	74	76	77	82	84	82	79	87	78	77	69	74	86	78	88	87	91	82	82	87	93	95	91	92	93	96	94	96	83.2
	Minimum	60	57	52	52	52	53	51	51	56	60	52	66	61	49	46	57	63	58	64	63	68	63	60	62	69	70	67	67	67	70	69	59.8
Mena	Maximum	75	76	71	69	75	79	80	82	80	84	80	75	73	76	85	87	82	89	91	89	87	77	84	87	88	85	90	91	89	91	92	82.5
	Minimum	54	49	49	52	49	50	53	57	59	57	61	64	58	46	48	49	61	60	63	65	67	59	60	62	66	67	64	63	65	65	64	58.3
Monticello	Maximum	74	78	79	76	76	80	84	83	80	86	87	86	80	72	78	86	86	89	90	91	90	84	81	91	92	90	92	93	93	92	95	85.0
	Minimum	60	53	54	58	54	54	63	62	57	60	60	65	62	55	52	61	64	63	65	66	66	65	64	63	68	70	70	72	72	66	70	62.4
Morrilton	Maximum	77	73	75	70	74	76	82	76	80	78	79	81	76	73	78	85	80	88	90	89	89	82	80	84	89	87	91	92	90	90	92	82.1
	Minimum	58	55	50	56	52	54	52	58	56	61	54	52	61	50	51	60	65	57	65	65	65	63	63	60	66	66	65	66	67	68	65	59.5
Mountain Home	Maximum	66	67	76	68	74	78	80	65	80	77	83	73	74	74	78	87	76	90	86	92	90	75	78	85	92	90	95	94	94	93	96	81.5
	Minimum	55	52	45	52	50	45	48	51	52	53	52	61	56	43	46	54	59	55	64	61	60	58	55	54	60	62	60	60	62	63	60	55.1
Mt. Ida	Maximum	71	73	78	68	68	74	84	81	80	82	79	72	71	65	76	87	75	87	88	88	80	79	73	80	88	81	85	91	89	91	91	79.8
	Minimum	56	51	44	48	48	44	45	55	56	54	57	66	58	43	44	68	58	60	57	56	66	61	65	55	63	63	60	59	62	69	61	56.5
Newport	Maximum	84	73	81	73	77	81	85	83	83	78	90	76	79	76	79	86	79	90	87	92	92	81	84	92	97	93	94	96	94	94	95	85.3
	Minimum	58	57	52	54	52	53	52	52	55	61	54	65	63	50	47	57	62	57	65	63	65	64	62	59	62	68	66	66	66	70	67	59.5
Okay	Maximum	86	77	75	72	77	82	85	81	85	87	83	88	83	75	81	86	85	88	89	88	87	83	81	90	89	88	90	92	90	91	92	84.7
	Minimum	58	49	50	46	48	49	53	57	59	62	66	63	61	49	52	62	63	63	62	65	64	63	66	66	68	66	67	67	68	68	68	60.3
Ozark	Maximum	76	76	74	69	75	79	82	74	85	82	80	75	75	75	80	87	80	94	82	91	89	85	80	85	91	87	92	92	91	89	92	82.7
	Minimum	50	52	45	54	48	50	53	59	54	57	60	61	55	45	51	57	65	59	66	62	63	61	55	62	67	65	63	64	64	65	65	58.0
Pine Bluff	Maximum	74	75	75	74	75	77	83	84	77	81	86	84	75	71	76	86	85	88	89	90	89	84	81	89	91	90	91	92	91	92	93	83.5
	Minimum	60	55	55	54	53	54	54	58	59	62	60	66	62	55	52	61	67	65	65	67	67	67	66	66	69	69	69	69	72	69	69	62.5
Pocahontas	Maximum	81	69	79	74	73	78	80	79	82	81	84	87	76	72	74	88	82	88	84	90	90	86	83	86	92	91	92	94	93	93	96	83.8
	Minimum	68	57	59	53	52	52	51	52	52	58	50	62	62	47	45	58	58	55	65	60	62	65	58	58	59	67	62	63	64	69	65	58.3
Portland	Maximum	74	78	80	80	77	81	83	87	80	85	90	89	81	75	79	89	90	91	91	92	91	88	84	91	94	93	93	93	94	93	95	86.5
	Minimum	63	55	50	58	52	52	45	56	59	59	61	62	61	55	47	56	61	63	61	62	61	61	64	65	67	66	65	65	66	62	66	59.5
Prescott	Maximum	84	78	70	75	80	81	85	83	85	88	87	88	86	79	82	89	87	91	92	92	91	88	83	92	92	92	91	95	92	93	94	86.6
	Minimum	63	51	52	49	50	52	54	59	58	61	61	64	60	52	49	61	63	64	63	65	64	68	65	65	69	66	67	67	69	66	69	60.8

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day

Weather Bureau Office, Little Rock, Ark. 6-29-37-1150

Daily temperatures for May, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Rogers	Maximum	75	71	69	68	72	78	82	78	77	82	78	74	69	72	79	86	80	84	89	89	85	84	79	83	87	82	89	89	89	86	88	80.4
	Minimum	50	51	45	53	48	45	45	55	54	50	61	62	51	40	45	52	61	61	64	59	64	58	54	57	56	65	59	60	61	66	61	55.8
Russellville [Evap]	Maximum	82	74	74	71	77	78	83	81	83	81	81	77	77	75	81	91	82	90	93	92	90	87	82	87	92	93	93	93	93	93	95	84.5
	Minimum	58	49	57	56	52	52	58	57	54	59	58	61	61	48	51	59	65	58	65	63	64	62	68	60	66	66	64	64	65	67	66	59.6
St. Charles	Maximum	71	75	74	..	..	..	..	..	..	..	..	..	..	..	85	86	83	87	88	90	87	89	81	86	93	89	92	91	93	90	95	86.2
	Minimum	61	56	54	52	60	61	53	55	56	60	59	68	61	59	55	67	66	64	63	67	70	65	64	65	76	70	68	68	70	69	69	62.9
Searcy	Maximum	81	75	77	72	79	80	85	76	82	79	87	77	79	77	79	88	82	89	92	92	91	80	84	90	93	91	94	95	95	94	97	84.9
	Minimum	58	55	47	53	49	54	51	51	55	61	56	61	62	48	48	57	63	57	63	65	63	64	63	60	63	66	64	66	66	67	66	58.8
Stuttgart	Maximum	79	76	77	74	76	79	82	82	81	82	85	84	78	74	78	88	85	88	89	92	90	89	82	89	91	91	93	93	94	93	97	84.9
	Minimum	60	54	52	51	50	54	53	55	57	60	58	63	63	51	50	59	65	62	63	65	65	65	64	64	66	68	62	68	70	68	69	60.5
Stuttgart...[Evap]	Maximum	66	74	72	73	74	77	81	80	80	84	86	82	77	71	81	88	88	88	90	90	..	89	80	87	91	91	92	93	92	92	96	83.5
	Minimum	60	54	52	51	50	54	52	56	58	60	60	58	62	52	50	60	65	62	64	64	66	..	64	64	68	68	67	66	68	68	68	60.4
Subiaco	Maximum	78	74	73	68	74	81	82	75	84	83	81	74	74	74	83	87	78	90	93	92	91	82	84	88	92	88	94	93	94	94	96	83.7
	Minimum	55	53	51	54	53	51	53	59	55	60	59	60	59	48	50	61	65	58	66	63	70	61	59	59	68	69	64	65	66	70	65	59.6
Texarkana	Maximum	77	79	77	75	78	83	87	81	88	89	86	90	82	75	81	88	88	90	90	89	88	82	78	89	89	90	90	92	90	92	91	85.3
	Minimum	59	50	52	50	50	53	55	58	60	61	65	65	61	50	54	60	62	66	66	65	65	66	66	67	67	68	67	68	70	70	71	61.6
Thornburg	Maximum	64	76	73	65	75	78	79	81	82	81	82	77	76	74	77	82	80	87	89	87	87	79	82	84	88	87	90	93	95	90	92	81.7
	Minimum	54	52	40	52	44	44	45	44	51	54	53	64	60	40	43	58	58	56	58	56	69	60	63	51	56	60	65	59	59	71	57	54.8
Warren	Maximum	76	78	78	77	78	81	84	85	75	85	85	88	84	77	81	88	86	87	91	92	92	86	85	90	93	92	92	94	94	94	95	85.9
	Minimum	55	53	52	56	52	54	53	59	60	59	62	65	63	53	50	61	60	61	64	69	66	65	63	60	69	69	69	69	70	66	67	61.1
Wilson	Maximum	75	66	75	73	71	72	75	80	79	77	83	82	74	73	71	82	82	85	84	86	88	87	81	84	89	89	92	91	91	92	94	81.4
	Minimum	58	54	54	54	52	52	48	51	59	59	50	67	62	47	47	62	60	58	67	63	69	69	58	61	62	70	69	69	67	73	70	60.0
Winslow	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wynne	Maximum	81	72	79	74	73	76	81	84	81	76	86	80	77	73	75	86	83	88	89	91	90	86	82	87	91	90	92	92	93	94	96	83.8
	Minimum	59	54	51	49	48	47	46	48	55	56	53	63	69	45	46	55	59	58	61	63	64	66	52	60	60	68	65	66	65	68	68	57.6

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.220	.150	.240	.098	.134	.168	.188	.191	.192	.227	.163	.142	.390	.282	.208	.230	.228	.203	.307	.262	.318	.314	.130	.080	.219	.392	.252	.267	.293	.300	.359	7.147
	Mean tem.	66	61	59	61	64	66	69	70	72	73	74	77	69	62	64	72	74	77	78	77	76	72	73	78	79	77	79	79	80	80	80	72.2
	Wind move	44	61	61	61	51	23	20	18	46	24	29	43	66	65	28	37	25	25	43	32	49	65	25	45	24	51	38	35	37	52	41	1,264
Russellville [Ozark Nursery]	Evap.	....	..	.152	.138	.120	.112	.198	.120	.260	.214	.234	.056	.236	.198	.180	.290	.170	.196	.270	.352	.382	.196	.118	.297	.321	.302	.283	.281	.306	.480	.372	7.305
	Mean tem.	70	62	66	64	64	65	70	69	68	70	70	69	69	62	66	75	74	74	79	78	77	74	72	74	79	80	78	78	79	80	80	72.0
	Wind move	53	100	36	32	38	38	20	36	31	26	40	25	80	20	50	34	36	44	41	58	72	73	36	43	46	71	34	32	50	52	65	1,412
Stuttgart [Rice Exp. Farm]	Evap.	..	.330	.200	.130	.129	.158	.165	.165	.096	.105	.122	.270	.160	.266	.180	.232	.158	*	.361	.193	.261	*	.580	.101	213	253	.267	.259	.253	.241	.252	6.283
	Mean tem.	63	64	62	62	62	66	66	68	69	72	73	70	70	62	56	74	76	75	77	77	..	..	72	76	80	80	80	80	80	80	82	72.0
	Wind move	53	102	62	89	56	39	38	25	26	15	33	61	76	100	32	72	11	*	94	41	68	*	198	8	21	79	69	37	33	50	46	1,634

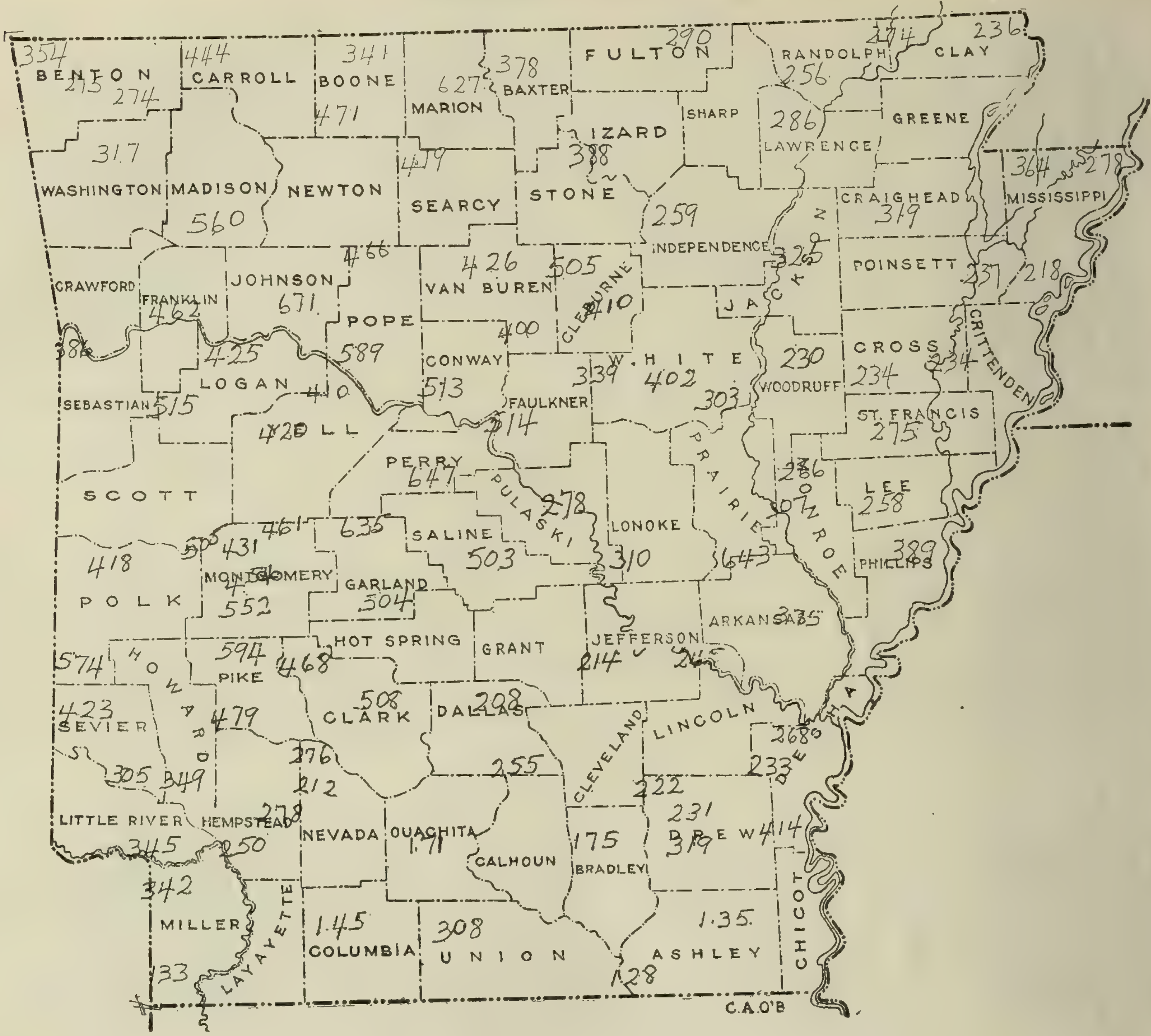
Daily River Stages for May, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.4	7.3	7.4	8.3	7.7	7.1	6.8	6.4	6.2	6.2	6.1	5.8	7.1	8.3	9.0	8.4	7.8	7.8	7.3	6.4	5.9	6.3	6.0	6.0	5.8	9.2	10.6	10.0	8.8	9.0	9.9
Van Buren	do	22	7.4	7.3	7.5	8.3	7.7	7.0	6.7	6.3	6.1	6.1	6.0	5.8	6.8	8.3	8.8	8.4	7.8	7.7	7.3	6.4	5.9	5.9	5.8	5.5	5.3	8.4	10.4	9.9	8.4	8.6	9.7
Danville	Petit Jean	20	5.0	15.6	20.8	21.0	19.2	17.7	15.0	11.1	8.9	10.4	8.9	6.8	7.2	12.5	12.8	9.4	7.5	6.4	5.8	5.3	4.8	4.6	4.2	4.2	4.1	3.9	3.5	3.4	3.2	3.1	3.0
Ozark	Arkansas	22	3.9	4.3	4.7	4.3	4.9	4.0	3.3	2.9	2.5	2.1	2.0	2.0	3.0	5.8	4.4	4.7	5.0	3.5	3.4	3.0	2.3	1.9	1.9	1.8	1.4	1.8	5.3	6.1	5.2	4.3	5.3
Dardanelle	do	22	7.5	10.4	9.8	8.8	8.5	8.4	7.5	6.8	6.3	6.0	5.7	5.6	6.2	7.0	7.4	7.7	7.8	7.2	6.7	5.5	6.0	5.3	5.0	5.0	4.7	4.4	4.5	8.2	8.7	7.7	7.0
Morrilton	do	20	4.0	6.1	8.0	7.1	7.0	5.9	5.4	4.2	3.6	3.0	2.5	2.2	2.0	3.3	3.6	4.2	4.3	4.0	3.2	2.8	2.4	1.7	1.1	1.0	0.8	0.6	0.4	2.0	4.9	4.2	3.5
Little Rock	do	23	4.8	5.0	7.9	8.7	8.0	7.1	6.6	5.7	4.8	4.2	3.7	3.2	3.1	3.4	4.8	4.9	6.0	4.9	4.4	3.7	3.3	2.9	2.3	1.8	1.6	1.5	1.2	1.0	2.8	4.8	4.6
Pine Bluff	do	25	9.7	9.6	9.0	12.5	12.9	12.1	11.3	10.6	9.7	8.9	8.3	7.7	7.5	7.4	7.8	8.8	9.2	9.1	8.9	8.8	7.7	7.1	6.7	6.2	5.8	5.6	5.5	5.2	5.1	6.1	8.7
Gilbert	Buffalo	30	4.7	16.4	9.3	7.3	6.7	6.4	5.7	5.4	5.3	5.3	5.1	4.8	4.7	4.6	4.6	4.5	4.4	4.2	4.2	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.3
Doniphan, Mo.	Current	10	7.8	7.6	9.4	13.6	9.2	7.8	6.0	5.2	5.1	5.0	4.9	4.8	4.6	4.4	4.3	3.9	3.7	3.7	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.0	3.0
Black Rock	Black	14	7.9	10.0	11.8	13.8	13.9	14.3	14.9	15.2	15.2	14.9	14.3	13.8	13.5	13.4	12.9	12.4	12.7	10.9	10.0	9.3	8.6	8.0	7.4	6.9	6.4	6.0	5.6	5.2	5.0	4.9	4.8
OzarkBeachMo	White	30	4.6	5.6	8.0	11.0	9.6	7.6	6.8	5.8	5.2	4.5	4.6	4.4	4.4	4.4	4.4	2.2	2.2	2.4	1.6	2.4	-0.8	-0.8	2.6	-0.6	-0.4	2.4	1.0	2.2	-0.7	-0.7	1.2
Cotter	do	21	5.8	11.5	11.3	10.6	11.8	10.5	8.7	8.0	7.2	6.8	6.5	6.1	5.9	5.8	5.8	5.7	5.6	5.6	4.8	4.7	4.5	4.5	4.5	4.1	4.4	4.2	4.2	4.2	4.0	4.0	4.0
Calico Rock	do	18	5.1	12.3	19.8	13.5	12.1	11.6	9.4	8.0	7.3	6.5	5.9	5.3	5.1	5.0	4.8	4.5	4.3	3.4	3.7	3.5	3.2	3.0	2.3	2.2	2.9	2.2	2.1	2.7	2.0	2.2	1.9
Batesville	do	23	11.0	12.8	25.5	24.2	20.0	19.7	17.8	15.5	14.2	13.2	12.3	11.6	11.1	10.7	10.6	10.3	10.0	9.5	8.8	8.9	8.7	8.5	8.3	7.5	8.0	8.0	7.5	7.4	7.7	6.9	7.4
Newport	do	26	13.2	13.0	18.6	23.3	24.0	23.7	23.5	22.5	21.3	20.3	19.2	18.2	17.2	16.4	15.6	14.7	14.0	13.3	12.2	11.2	10.3	9.5	8.7	7.9	7.0	6.9	6.4	5.9	5.6	5.3	4.7
Georgetown	do	21	18.7	18.5	19.0	20.0	20.6	20.7	21.1	21.6	21.9	22.0	22.2	22.0	21.9	21.7	21.4	21.0	20.7	20.2	19.7	19.0	18.3	17.1	16.0	15.0	13.9	12.7	11.8	10.9	10.0	9.4	8.8
Clarendon	do	26	22.5	22.9	23.2	23.4	23.6	23.9	24.1	24.4	24.7	25.0	25.3	25.6	26.0	26.3	26.5	26.6	26.7	26.7	26.7	26.6	26.4	26.2	26.0	25.6	25.2	24.7	24.1	23.4	22.6	21.8	20.9
Arkadelphia	Ouachita	17	7.6	16.5	16.6	14.7	13.0	8.6	8.2	8.0	7.3	7.2	7.5	7.6	10.1	12.1	11.4	9.7	8.8	8.0	7.9	7.7	6.9	6.4	5.7	5.4	6.1	5.7	4.9	4.4	4.6	4.4	4.2
Camden	Ouachita	26	9.6	9.8	12.2	19.4	22.7	23.7	22.0	17.6	11.5	11.5	9.8	8.9	8.4	10.1	17.8	20.0	20.2	19.2	17.3	14.5	12.2	9.5	7.7	6.8	6.2	5.9	6.4	6.0	6.5	5.1	4.9
Whitecliffs	Little River	25	10.1	7.5	11.4	14.4	13.0	10.2	8.8	6.0	5.0	4.5	4.1	4.1	5.0	10.1	17.7	17.9	16.4	11.7	9.0	5.5	4.5	4.0	3.3	3.8	4.7	4.4	3.5	3.0	3.0	3.0	2.8
Index	Red	25	11.3	10.7	10.4	10.1	9.7	9.4	9.4	9.1	8.8	8.6	8.3	8.3	8.2	8.5	9.6	10.5	11.6	11.0	10.0	9.4	8.8	8.6	8.4	8.6	9.0	8.8	8.4	8.0	7.7	7.4	7.2
Fulton	do	25	13.6	12.1	11.6	12.4	13.0	11.7	10.8	10.0	9.3	8.7	8.4	8.1	8.1	9.0	11.5	13.1	14.1	13.8	12.0	10.4	9.3	8.5	8.2	8.0	8.5	8.7	8.2	7.8	7.5	7.1	6.8
Big Lake Outl't	Little River.	10	7.7	8.2	8.9	10.0	11.0	11.7	12.2	12.4	12.5	12.5	12.3	12.1	12.0	11.7	11.3	10.9	10.5	10.1	9.7	9.3	8.8	8.3	7.9	7.7	7.4	7.2	6.9	6.7	6.5	6.3	6.1
St. Francis	St. Francis.	18	16.7	15.8	17.0	17.4	17.9	18.8	20.2	20.9	21.0	20.8	20.3	19.9	19.6	19.2	18.7	17.9	16.6	14.4	13.3	11.1	9.4	8.7	8.0	7.5	7.2	7.0	6.8	6.5	6.2	5.9	5.7
St. Francis L.L.	do	..	22.9	23.0	23.0	23.1	23.3	23.5	23.7	23.9	24.0	24.1	24.1	24.1	24.3	24.4	24.5	25.7	24.8	24.8	24.7	24.7	24.3	24.1	23.9	23.7	23.4	23.4	23.2	22.9	22.7	22.5	22.3
Marked Tree	do	17	2.6	2.8	3.2	3.6	3.6	3.5	3.5	3.4	3.3	3.2	3.0	3.0	3.0	3.0	2.9	4.9	2.9	2.8	2.7	2.6	2.3	2.3	2.2	2.2	2.2	2.1	2.0	1.9	1.9	1.9	1.8
Parkin	do	28	9.5	9.7	9.9	10.4	10.8	10.9	10.9	11.2	11.8	12.4	13.0	13.7	14.6	15.5	16.1	12.7	17.1	17.4	17.6	17.6	17.5	17.3	16.9	16.3	15.5	14.6	13.5	12.1	10.9	9.8	8.9
Madison	do	32	12.8	13.1	13.4	14.0	14.9	15.9	16.8	17.8	18.8	19.6	20.5	21.3	22.3	23.1	23.8	26.4	24.8	24.9	24.9	24.8	24.5	24.0	23.3	22.4	21.2	19.7	18.1	16.5	14.9	13.4	12.2
Helena	Mississippi	42	29.8	30.3	30.9	32.1	33.7	35.4	37.0	38.2	39.2	40.2	41.2	42.0	43.0	43.9	44.5	44.0	45.2	45.2	44.8	44.1	43.3	42.1	40.7	38.9	36.7	34.1	31.6	29.4	27.5	26.2	25.3
Arkansas City	do	42	25.4	25.8	26.0	26.4	27.2	28.2	29.2	30.0	30.8	31.4	32.0	32.5	33.1	33.7	34.3	34.9	35.4	35.9	36.3	36.5	36.5	36.8	36.0	35.5	34.8	33.8	32.5	30.9	29.3	27.7	26.2

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O: addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana. Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers: Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||| 24 hours ending 7 a. m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for May, 1937



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII   Little Rock, Ark., June, 1937   No. 6

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GENERAL SUMMARY

Though temperatures during June were not unusually high, nearly all stations reported positive departures. The coolest weather occurred in most sections about the 6th or 7th, while temperatures were highest generally about the 26th or 27th. Daily means were continuously above normal from the 17th to to the 27th in all sections. The mean temperature for the State, based on the reports of 63 stations, was 78.8° which is 1.6° above the 47-year average. Monthly means ranged from 72.8° at Dutton to 81.7° at Hot Springs. The highest temperature reported was 106° at Hot Springs on the 27th; the lowest, 45° at Dutton on the 7th. The greatest daily range was 46° at Gravette on the 7th.

Showers were frequent the first half of the month with only a few days intervening, while rainfall was comparatively light and scattered the latter half with showers in most sections from the 27th to the 29th. A number of stations reported an inch or more on the 28th or 29th but some sections in the northwestern portion received little or no rain after the 15th or 16th. The average precipitation for the 99 stations reporting, was 4.94 inches which is 0.90 inch above the 47-year mean. Of the stations with records of 10 years or more, 48 had positive departures and 29 negative. Monthly totals ranged from 1.66 inches at Little Rock to 9.55 inches at Corning. The greatest amount measured in any 24-hour period was 5.34 inches at St. Francis on the 10th. The average number of rainy days was 7.

The weather during June was favorable for the growth of cotton. Chopping was completed during the first decade and the crop was generally well cultivated though in some localities where rainfall was heaviest fields became grassy about the middle of the month. Blooms were reported in all sections of the State except the northern counties by the close of the month. Conditions were favorable for corn except that during the latter part of the month the soil was becoming too dry in some localities. Early corn was tasseling in nearly all sections by the close of the month. The crop is clean and has been well cultivated. The weather was favorable for threshing wheat and oats. Meadows, pastures, and truck crops were needing rain in some sections the latter part of the month but in most portions they were in good to excellent condition. T.A.M.

Tornadoes, Windstorms, Heavy Hail, etc.

Tornadoes:- Western Benton Co., 9th, 4 a. m. moved ENE. path one-fourth mile wide, none killed nor injured, property damage $35,000. Loss to orchards $2,000. More than 100 houses damaged in Decatur.

Eastern Carroll and southwestern Boone counties, 9th, 11:00 p. m. to 11:30 p. m., moved ESE, path one-half mile wide, 15 miles long, one killed, 50 injured, property damage $75,000. Orchard $50,000, 75 buildings demolished or damaged.

Windstorms:- Central and eastern Benton Co., 9th, buildings blown down, loss $10,000. Crops severely damaged.

Northern Faulkner Co., 9th, dozens of buildings wrecked; orchards, timber, and crops destroyed, several thousand dollars damage.

Central St. Francis Co., 9th, one killed by falling tree.

Southwestern Logan Co., 9th, 10,000 dollars damage to buildings; 15th, buildings and merchandise damaged, loss 50 dollars.

Northwestern Sebastian Co., 9th. 10,000 dollars damage to Athletic Mining Co. at Fort Smith. Lineman electrocuted at Greenwood.

Southeastern Jefferson Co., 15th. Several barns unroofed and several mules and hogs killed, loss 2,000 dollars.

Heavy Rain:-Carroll and Boone counties, 9th-10th M. & NA. Railroad and buildings damaged, loss 95,000 dollars.

Heavy Hail:- Southwestern Pulaski Co., 5th, hail and windstorm. Hailstones one inch in diameter, very heavy in places, path three-fourths mile wide, 3,000 dollars loss to crops from hail, about 500 dollars damage to property from wind.

Southern Boone Co., 15th. Hail fell for 30 minutes damaging wheat, oats, and other crops severely. Some window glass broken.

Northwestern Clay Co., 29th, 5,000 dollars damage to crops.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	1	.	.	1	.	2	1	.	.	.	.	1	.	1	1	.	.	.	.	.	.	.	1	2	1	..
Light Hail	.	..	.	.	.	1	.		.		.	..	.	.	4	.	.	.	.	.	.		.	.	.	.	1	1	..	..	..
Moderate Hail	..	1	.	.	.	.	.	.	.	1	.	.	.		.		.	..	.		..	.	.	.	.	..		.	.		..
Thunderstorms	5	24	17	18	8	10	2	2	21	18	6	..	.	13	24	13	10	14	4	1		3	.	.	..	4	15	19	4	.	..

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	29.88	30.16	11	29.56	4	5.3	22	sw	2	..	..	..	74
Fort Smith	29.92	30.16	11	29.57	4	6.6	24	w	17	80	56	53	69
Little Rock	29.94	30.21	11	29.65	4	7.1	22	w	10	82	54	57	80
Memphis	29.94	30.21	11	29.66	4	6.7	40	sw	10	78	57	59	63

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.83	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2.60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.8	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.94	0	9	14	10	6
Period	77.2	113	35	4.04	0	8	14	10	6

Climatological Data for June, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	78.7^b	...	102^b	27	58^b	7	35°	3.59	...	1.92	0.0	7	12^h	8^h	2^h	...	J. R Water Works
Amity	Clark	500	42	78.2	+ 0.8	101	27	62	7	30	4.25	−0.56	1.15	0.0	9	10	14	6	sw	J. W. Campbell
Arkadelphia	Clark	200	42	...	...	...	...	...	...	...	5.95	+1.31	3.30	0.0	6	15	10	5	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	53	...	...	...	...	...	...	...	7.42	+3.80	2.40	0.0	7	17	3	10	...	Herbert Neff
Batesville	Independence	277	38	77.6	+ 2.2	97	25	59	7	33	4.18	...	1.45	0.0	12	11	10	9	se.	Airway Observer
Bee Branch	Van Buren	700	45	78.4	+ 1.5	99	27	58	7	29	4.56	+0.01	1.30	0.0	8	9	15	6	s.	J. E. Scanlan
Benton	Saline	285	2	...	...	...	...	...	...	...	4.23	...	1.28	0.0	9	20	6	4	...	S. A. Burks
Bentonville	Benton	1295	32	77.2	+ 2.8	96	23	50	7	33	7.21	+2.99	4.14	0.0	6	9	13	8	sw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	7	...	...	...	...	...	...	...	4.43	...	1.63	0.0	10	17	7	6	...	C. J. Brooks
Black Rock	Lawrence	259	36	...	...	...	...	...	...	...	5.25	+1.50	1.53	0.0	9	17	4	9	s.	Vernon C. Howe
Blytheville	Mississippi	252	12	78.0	+ 0.2	100	27	60	8†	33	4.91	+0.85	2.40	0.0	11	18	11	1	s.	Samuel Norris
Booneville	Logan	465	23	78.8	+ 2.6	100	27	57	7	29	4.43	+0.25	1.80	0.0	12	8	16	6	s.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	...	...	...	...	...	...	...	2.66	...	0.71	0.0	8	14	6	10	...	Harry Buie
Brinkley	Monroe	205	50	...	...	101	27	...	...	...	3.75	+0.02	0.94	0.0	8	14	10	6	ne.	R. J. Torry
Calico Rock	Izard	361	33		...	...	...	54	7	...	2.48	−1.10	0.65	0.0	11	13	5	12	e.	William Jones
Camden	Ouachita	116	52	80.5	+ 2.1	102	27	63	12	31	3.42	−0.79	0.81	0.0	11	10	12	8	s.	J. M. Knight
Carthage	Dallas	297	32	78.6	+ 1.2	96	25†	63	6†	29	8.21	+4.11	5.10	0.0	8	7	22	1	s.	P. K. Wylie
Clarendon	Monroe	172	33	...	...	...	...	...	...	...	4.54	−0.85	1.16	0.0	10	12	11	7	s.	R. M. Wheatley
Clinton	Van Buren	516	16	...	...	...	...	...	...	...	3.78	+0.09	1.44	0.0	7	11	14	5	sw.	A. L. Stephens
Conway	Faulkner	309	54	80.1	+ 1.8	102	27	60	7	32	3.57	−0.31	1.71	0.0	11	19	9	2	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	26	77.8	− 0.3	98	27	60	24	30	3.88	−0.07	1.36	0.0	10	19	10	1	sw.	P. B. Hutchens
Corning	Clay	293	44	76.4	+ 0.4	97	26	56	7	32	9.55	+5.48	4.14	0.0	12	13	11	6	s.	Winfred D. Polk
Cotter	Baxter	440	10	...	...	...	...	...	...	...	6.48	+1.53	2.03	0.0	10	17	5	8	...	O. B. McSpadden
Crossett (near)	Ashley	175	25	80.1	+ 0.7	99	26†	60	24	38	2.20	−1.72	1.12	0.0	7	13	12	5	s.	U. S. Forest Service
Danville	Yell	327	21	...	...	...	...	...	...	...	2.83	−1.46	1.22	0.0	10	10	15	5	...	J. M. Patterson
Dardanelle	Yell	330	51	80.5	+ 2.4	102	26†	59	7	30	3.52	−0.16	2.29	0.0	5	7	20	3	s.	Geo. N. Goodier
De Queen	Sevier	426	2	79.8	...	100	27	63	5†	30	3.13	...	0.80	0.0	7	18	8	4	s.	E. B. Smith
Dumas	Desha	162	32	...	...	...	...	67	24	...	5.50	+1.69	1.38	0.0	12	3	25	2	s.	Ben Johnson
Dutton	Madison	1590	35	72.8	+ 1.4	95	27	45	7	34	4.30	−1.20	1.37	0.0	8	10	19	1	s.	J. M. Ricketts
El Dorado	Union	270	37	81.4	+ 1.8	103	27	64	12	30	3.91	+0.25	2.03	0.0	11	16	10	4	s.	Mrs. E. W. Gaston
England	Lonoke	229	31	79.5	+ 1.5	102	27	62	6	30	4.73	+0.90	1.20	0.0	10	16	10	4	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	75.4	+ 1.0	93	26	50	7	31	7.23	+1.85	4.04	0.0	12	18	8	4	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	76.9	+ 2.5	99	22	49	7	34	2.65	−2.08	1.37	0.0	9	9	18	3	sw.	University of Arkansa
Fordyce	Dallas	190	9	81.2	...	101	22†	64	6	30	7.14	...	2.81	0.0	17	17	12	1	s.	M. G. Taylor
Fort Smith	Sebastian	418	56	80.6	+ 3.1	100	27	60	7	26	3.32	−0.40	1.52	0.0	9	11	13	6	e.	U. S. Weather Burea
Freeman Springs ‡‡	Pope	2240	13	...	...	...	...	...	...	...	4.82	−0.08	1.59	0.0	7	16	7	7	sw.	R. J. McCuiston
Fulton	Hempstead	260	52	...	...	...	...	...	...	...	5.51	+1.35	1.87	0.0	16	17	5	8	...	T. J. Logan
Georgetown	White	200	25	...	...	...	...	...	...	...	7.06	+2.57	1.10	0.0	11	18	5	7	...	Mrs. W. R. Owens
Gilbert	Searcy	600	12	74.4	..	99	28	49	7	42	6.49	+2.66	1.63	0.0	10	20	4	6	...	F. J. King
Glenwood	Pike	547	2	...	...	...	...	...	...	...	5.40	...	1.97	0.0	7	18	3	9	...	C. A. Price
Grannis	Polk	900	18	75.8	+ 0.4	98	26	58	7	31	5.95	+0.93	1.44	0.0	10	16	9	5	se.	W. E. McVay
Gravette	Benton	1250	40	78.7	+ 5.0	100	25	49	7	46	5.43	−0.12	1.95	0.0	7	17	8	5	sw.	Max W. Schmidt
Harrison	Boone	1052	37	77.1	+ 3.7	99	26	50	7	32	7.90	+3.50	1.75	0.0	10	20	8	2	sw.	Louis R. Keck
Heber Springs	Cleburne	...	2	...	...	...	...	...	...	...	3.99	...	1.45	0.0	11	14	13	3	...	Volena Black
Helena	Phillips	300	65	79.1	+ 0.7	100	26	61	7	30	3.58	+0.22	0.67	0.0	13	13	6	11	se.	James A. Burnett
Higden	Cleburne	445	18	...	...	...	...	...	...	...	6.51	+2.54	1.50	0.0	9	17	7	6	sw.	Trumon Brown
Highland	Pike	491	18	79.9	...	102	27	62	7	29	6.95	+2.85	2.51	0.0	7	9	18	3	w.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	79.5	+ 0.5	100	27	61	6	29	5.46	+1.94	1.52	0.0	10	14	13	3	sw.	Experiment Farm
Hot Springs	Garland	600	46	81.7	+ 3.5	106	27	66	6	36	8.65	+4.09	4.05	0.0	12	8	20	2	s.	National Park Servi
Index ‡‡	Little River	275	20	...	...	...	...	...	...	...	3.15	+0.27	1.30	0.0	7	16	4	10	...	W. E. McDowell
Jessieville	Garland	750	11	...	...	...	...	...	...	...	3.90	−0.24	0.75	0.0	9	1	26	3	sw.	U. S. Forest Service
Jonesboro	Craighead	345	42	78.3	+ 0.6	98	26†	60	7†	30	5.73	+1.79	1.89	0.0	12	10	12	8	sw.	Benedictine Sisters
Lead Hill	Boone	650	31	76.4	+ 1.0	100	27	47	7	39	4.98	−0.27	1.55	0.0	9	17	11	2	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	58	79.7	+ 2.3	98	27	60	6	25	1.66	−2.10	0.81	0.0	11	10	9	11	s.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	1	80.2	...	100	76	63	6†	29	3.39	...	0.95	0.0	11	10	9	11	s.	Airway Observer
Lutherville ‡‡	Johnson	775	38	78.4	+ 2.3	100	26†	57	7	32	3.25	−1.25	1.01	0.0	7	15	12	3	s.	H. G. Lenhardt
Madison	St. Francis	209	7	...	...	...	...	...	...	...	5.13	...	1.50	0.0	8	11	5	14	...	J. W. Eppes
Magnolia	Columbia	315	21	81.0	+ 1.6	101	28	62	6	32	2.89	−0.93	1.00	0.0	7	4	22	4	sw.	State Agri. School
Mammoth Spring	Fulton	600	33	76.5	+ 2.1	95	21†	53	7	32	6.50	+2.18	2.25	0.0	10	15	12	3	se.	S. F. Whittaker
Marianna	Lee	235	26	81.0	+ 2.4	104	27	68	8	33	2.74	−0.73	0.70	0.0	9	9	19	2	s.	C. N. Houck
Marked Tree	Poinsett	229	33	77.9	− 0.1	97	26†	60	3	31	4.57	+1.35	1.19	0.0	12	13^a	12^a	4^a	n.	Charles Walton
Mena	Polk	1207	49	78.2	+ 1.6	98	23†	60	7	33	5.73	+0.73	2.16	0.0	12	14	6	10	sw.	E. W. St. John
Monticello	Drew	...	1	80.2	...	98	26†	64	6†	30	7.76	...	2.93	0.0	12	10	16	4	sw.	Airway Observer
Monticello (a)	Drew	...	2	...	...	...	...	...	...	...	7.16	...	4.06	0.0	10	..	..	..	...	Soil Conservation Se
Montongo	Drew	...	2	...	...	...	...	...	...	...	6.08	...	1.60	0.0	9	17	0	13	se.	Soil Conservation Se
Morrilton	Conway	315	18	79.4	+ 0.8	101	27	62	7	33	4.57	+0.77	2.80	0.0	7	9	21	0	s.	Mrs. Freda M. Asher
Mountain Home	Baxter	800	25	76.8	+ 1.8	101	27	57	7	31	5.78	+1.34	1.78	0.0	11	11	6	13	s.	B. S. Halbert
Mount Ida	Montgomery	702	38	76.8	+ 0.8	98	23†	57	7	36	3.98	−0.31	1.98	0.0	7	19	6	5	sw.	G. A. Whittington
Newport	Jackson	231	54	78.6	+ 0.7	101	27	60	8	31	4.16	+0.24	0.76	0.0	10	11	13	6	n.	J. D. Henderson
Norman	Montgomery	687	9	...	...	...	...	...	...	...	2.76	...	1.10	0.0	6	16	9	5	s.	U. S. Forest Service
Oden	Montgomery	800	10	...	...	...	...	...	...	...	1.76	...	0.82	0.0	7	15	7	8	s.	U. S. Forest Service
Okay	Howard	288	9	79.6	...	99	27	62	5	27	7.69	...	2.10	0.0	11	18	8	4	s.	Charles R. Jackson
Ozark	Franklin	396	42	79.0	+ 1.1	100	26	54	7	31	3.08	− 0.95	1.31	0.0	5	20	2	8	se.	Orkney O. Milton
Paragould	Greene	275	14	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	W. R. Heagler
Parkin	Cross	222	7	...	...	...	...	...	...	...	7.85	...	2.53	0.0	11	14	4	12	...	Carroll King
Patterson	Woodruff	204	21	...	...	...	...	...	...	...	9.52	+5.06	2.48	0.0	12	14	11	5	sw.	W. E. Baker
Pine Bluff	Jefferson	215	50	80.2	+ 1.0	98	27	66	6†	27	5.13	+1.21	2.08	0.0	15	10	12	8	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	13	...	...	...	...	...	...	...	3.57	−0.92	1.29	0.0	7	14	7	9	sw.	J. R. Huddleston
Pocahontas	Randolph	300	44	77.8	+ 1.2	97	26†	58	8	31	6.66	+2.30	2.66	0.0	12	11	5	14	sw.	Benedictine Sisters
Portland	Ashley	122	31	80.5	+ 1.1	98	27	63	24	31	4.36	+0.89	2.04	0.0	11	12	12	6	sw.	W. E. Edmiston
Prescott	Nevada	318	49	80.9	+ 2.1	102	27	62	6	30	4.20	−0.05	1.23	0.0	11	13	7	10	s.	Craig Williams
Rock Springs	Drew	...	2	...	...	...	...	...	...	...	4.74	...	1.78	0.0	5	15	8	7	sw.	Soil Conservation Se
Rogers (near) ‡‡	Benton	1300	47	75.8	+ 2.2	97	23†	47	7	36	3.29	−1.83	1.09	0.0	8	9	18	3	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	3	...	...	...	...	...	...	...	4.88	...	1.33	0.0	10	10	15	5	sw.	G. A. Maddox
Russellville [Evap]	Pope	526	25	80.4	+ 2.8	102	26†	58	7	29	4.01	−0.07	2.09	0.0	8	23	0	7	se.	U. S. Forest Service
St. Charles	Arkansas	175	4	81.3	...	98	26	62	8	29	2.04	...	0.46	0.0	9	15	14	1	s.	U. S. Biological Surv
St. Francis	Clay	290	10	...	...	...	...	...	...	...	8.32	+4.34	5.34	0.0	10	17	1	12	...	A Boyce Boyd, Jr.
Searcy	White	245	27	79.6	+ 2.3	100	26†	61	6†	31	6.61	+2.61	1.33	0.0	13	16	7	7	sw.	Walter Smith
Springbank ‡‡	Miller	240	28	...	...	...	...	...	...	...	4.45	+0.79	1.32	0.0	9	14	8	8	...	Henry Field
Story	Montgomery	650	13	...	...	...	...	...	...	...	3.23	−0.40	1.17	0.0	5	21	5	4	s	S. C. Story
Stuttgart	Arkansas	214	50	80.8	+ 2.8	99	26†	64	6†	27	3.68	−0.07	1.25	0.0	8	20	7	3	s.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	2	79.6	...	99	27	62	8	30	4.69	...	1.64	0.0	11	..	..	..	...	Rice Experiment St
Subiaco	Logan	750	40	80.0	+ 2.2	101	27	57	7	30	4.89	+0.86	2.47	0.0	6	15	12	3	se.	New Subiaco Abbey
Texarkana	Miller	332	52	80.6	+ 1.5	98	27	62	5	27	5.66	+1.80	2.00	0.0	7	19	6	5	s.	H. S. Brashear
Thornburg	Perry	650	17	77.4	+ 2.0	101	27	55	7	38	4.16	−0.74	2.05	0.0	13	13	15	2	s.	Edward E. Holmes
Waldron	Scott	675	18	...	...	...	...	...	...	...	...	...	...	...	..	..	...	..	...	Dr. Cheves Bevill
Warren	Bradley	206	43	81.0	+ 1.7	100	26†	64	6†	29	9.12	+5.40	3.20	0.0	9	7	10	13	sw.	C. N. Turner
Whitecliffs	Little River	290	31	...	...	...	...	...	...	...	4.40	+0.84	0.94	0.0	11	17	6	7	...	L. M. Snead
Wilson	Mississippi	237	12	78.0	+ 1.1	96	25†	60	8	31	3.02	−0.29	1.03	0.0	7	19	2	9	s.	D. O. Anderson
Wynne	Cross	250	29	77.6	− 0.2	100	27	57	8	33	7.03	+3.13	2.60	0.0	9	9	14	7	s.	B. M. Eddins
Yancopin	Desha	167	13	...	...	...	...	...	...	...	4.72	+1.34	1.16	0.0	8	13	8	9	...	W. E. Barton
State Means				78.8	+ 1.6	106	27	45	7	46	4.94	+0.90	53 4	0.0	9	14	10	6	s.	

Daily Precipitation for June, 1937

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser	Ouachita						.35			.31	.60						1.92		.14									.06		.21			3.59
Amity	Ouachita					.21	1.05		.05		.28	.24					.68			.51								.05		1.18			4.25
Arkadelphia	Ouachita			T.	.15	.35	3.30				.13		T				.72		T.		T.									1.30			5.95
Arkansas City	Mississippi		T.	2.40	T.	.65	1.10		.25			1.63	T.				T.	.44		T.										.95			7.42
Batesville	White			.77	.04	.34	.02			.63	.15					1.45	.48	.11	.13										.03	T.	.03		4.18
Bee Branch	Arkansas		T.	.75		.18	.13			.29	.25					1.00	1.60											.30					4.50
Benton	Saline					.45	.95				1.28	.03					.67	.03		.05										.69	.08		4.23
Bentonville ***	Arkansas	.05	.08	T.	.08	T.			T.	3.39	.75				T.	2.86												T.	T.				7.21
Big Lake Outlet	St. Francis		.14	.11	.22	1.06	.50	.04			1.63	.19				.40	T.				T.		T.						.14	T.			4.43
Black Rock	White		.05	.72	.30	1.09	.03				1.53						.25											1.22	.06	T.			5.25
Blytheville	St Francis	T.	T.	.13		.68	.16	.03			2.40	.02				.39	.09	.01			.03								.97				4.91
Booneville	Arkansas	T.	.32		.05				.03	.38	.07	.21			.13	1.80	1.31		.06				.02						.05				4.43
Boughton	Ouachita					.63	.71					.01					.49	.19		.11									.01	.51			2.66
Brinkley	White		.24		.74	.80	.76			.04	.19					.04													.94		T		3.75
Calico Rock	White			.14	.20	.13			T	.65	.43	.03				.10	.50		.05										.05		.20		2.48
Camden	Ouachita				.01	.61	.23	.03					.34				.37	55		.09									.31	.81	.07		3.42
Carthage	Ouachita			.20	.82		5.10					.12				.32	.46		.09										1.10				8.21
Clarendon	White		.98	T.	.23	1.16	.63	.32			.16	T.				.05		.02											.74	.25			4.54
Clinton	White		.33		.15	.38			T.	1.44						1.22		.20	.06										T	T.			3.78
Conway	Arkansas		.03	.41	.06	.04	.24			.23	.24						1.71		.44								.06		.11				3.57
Cornerstone	Arkansas		.83	.02	1.36	.90				.02	T.	.16				.05	.34		T.									.08	.12	T.			3.88
Corning	White		.52	.15	.10	1.55				.65	4.14	.40				.19	.66											.37	.52		.30		9.55
Cotter	White		T	T.	.65	.32	.56			.65	.60					1.21	2.03		.10										.18		.18		6.48
Crossett ..[near]	Ouachita		.29	.36	.10							1.12					.11										T.		.10		.12		2.20
Danville	Arkansas			.09	.01	.07	.05			T	.54	.37					1.22			.20									.24	.04			2.83
Dardanelle	Arkansas			.01		.27	.06			T.	.89						2.29																3.52
De Queen	Red				.18		.21		T.	.03		.78					.68						T.	.45					.80				3.13
Dumas	Mississippi		.47	.05	.67	.16	.84	.02			.05	1.38				.03	.28				T.						.60		.95				5.50
Dutton	White		.02	1.37	.04				T.	1.31	T.					.43	.50		.06									.57					4.30
El Dorado	Ouachita		.05	.09	.37	2.03	.25	T.					.40				.23	.04		.14										.25	.09		3.94
England	Arkansas		.95	.06	.55	.12	1.20			T	.09					.61	.18												.81		.16		4.73
Eureka Springs	White		.03	.46	.20	.08				1.45	4.04				.27	.25	.12		.08									.22	.03				7.23
Fayetteville	White		T.	.22	.02	.01			.02	1.37	.01					.27	.73			.01									T.				2.66
Fordyce	Ouachita		.10	.04	1.05	.03	2.81	.05				.69					1.04	.08	.01										1.62	.01	T.		7.44
Fort Smith ***	Arkansas	T.	.51	.02	.08				.03	.91	T.	T.	T			1.60	.02	.03					.12							T.			3.32
Freeman Sprgs.	Arkansas		T.	1.59		1.50				.48	.51	T.					T.			.07									.55	T.	.12		4.82
Fulton	Red		.04		T.	.41	1.87	.10			T.	.44	.45				.77	.25		.06	T.									1.12	T.		5.51
Georgetown	White	.11			.51	.88	1.10	.23			1.02	.92				T.	.17												1.04	.52	.56		7.06
Gilbert	White			.52	.09	1.55				.62	.81					.20	1.63		.02	.43									.62				6.49
Glenwood	Ouachita			.10		.13	1.45				.62	.41					.72											1.97					5.40
Grannis	Red		T.	.05	1.36		.14		.03	.16	.44	1.44					1.17	.60	T										.56				5.95
Gravette	Arkansas			.05	.04	.65				1.10	1.43				.21		1.95																5.43
Harrison	White		1.40	.05	.11	.28		T.	.01	1.34	1.26					1.75	.42											1.28					7.90
Heber Springs	White			.26	.02	.12	.09			.45	.56					1.45	.52		.05											.40	.07		3.99
Helena	Mississippi		.23	.41	.20	.67	.45	.57			.13	.14					.09	.02										.04	.01	.62			3.58
Higden	White		.08	.67	.18					1.08	.79					.21	1.42		1.50										.58				6.51
Highland	Ouachita		.50		.42		.92					2.51					1.20												.90	.50			6.95
Hope [Evap]	Red		.22	T.	.30	.52	1.52	.03					.82				1.10	47		.28										.20			5.46
Hot Springs	Ouachita			T.	.15	.02	4.05	.85		.67	.32	.05	.01	T.			.50		1.14										.88	.01			8.65
Index	Red					.20	.30	.20				T.	1.30				.10	.40		.65										T.			3.15
Jessieville	Ouachita			.35			.75	05	.45		.60	.15					.68	.65	.22										T.	T.			3.90
Jonesboro	White		T.		.95	1.89	.12	.03			1.26	.01				.29	.12	.01			.90							.03	.12				5 73
Lead Hill	White		.15	.73	01	T.		T.		.93	1.55				T	.25	.12		.08									1.16					4.98
Little Rock ***	Arkansas			.05	09	.03	.81	T.		.19	.14	.02			T.	.01	.15		.02										.15	T.			1.66
LittleRock Airway	Arkansas			.16	.09	.04	.95			.44	.13	.01					.69		.05										.19		.64		3 39
Lutherville	Arkansas	T.	.09	.10	.02					.51						.92	1.01											.60					3.25
Madison	St. Francis		T.		.90	1.50	.65	T		T.	.66	.74	T							.06									.37	.25	T.		5.13
Magnolia	Red			.10	.39		.40					.30					1.00		.10										.60				2.89
Mammoth Spg	White		.05		.14	.58	.05			.96	2.25	.60				.58	1.15												.14		T.		6.50
Marianna	St. Francis		.03		.70	.29	.49			.02	.20						.05											.70	.26				2.74
Marked Tree	St. Francis	.11		.04	.23	1.19	.18	.30			1.10					36	.32				.68							.01	.05				4.57
Mena	Ouachita			.33	.28	.01	.24	T.		.50	.47	2.16	.09				.93		T.	.15									.25	.32			5.73
Monticello	Ouachita		1.00	.16	.25	.02	1.16	1.01				2.93					.56	.04									.30		.29		.04		7.76
Monticello (a) ***	Ouachita			.21	.95	.35	.07	.92	.38				4.06					.43										.27		.42			7.16
Montongo	Ouachita		.20	.13	.90		1.15	.18				.95					1.60												.47	.50			6.08
Morrilton	Arkansas		T.	.42	.11	.33	.10			T.	.75					.06	2.80												T.		T.		4.57
Mountain Home	White		.08	.68	.20	.30				1.18	.30				1.78	.80	.38											.03		.05			5 78
Mount Ida	Ouachita				.08		1.98			.27	.08						.92		.09										.56				3.98
Newport	White			T.	.08	.76	.29	.05			.67	T				.32	.49			.40	.42								.68				4.16
Norman	Ouachita						.38			.43	.25	.50					1.10													.10			2.76
Oden	Ouachita			.10	.03	T.	.44		.13		.17	.07					.82											T.					1.76
Okay	Red		.79		.23	.05	1.30	.02				2.10					.96		1.50	.03			.33						.38				7.69
Ozark	Arkansas		T.	.64						.61	.27					.25	1.31													T.			3.08
Paragould	St. Francis																																
Parkin	St. Francis	.60	T			2.53	.64	.08			1.23	1.70						.08		.57	.10								.17	.15			7.85
Patterson	White	.10		1.70	.30	1.20	1.96			.51	.60	.24				.16	.09												2.48	.18			9.52
Pine Bluff	Arkansas			.04	.30	.50	1.15	.08			.04	.03	.38				.05	.02		.04								.11	2.08	.15	.16		5.13
Pine Ridge	Ouachita				.10		.43			.21	.19	.91					1.29													.41	T.		3 57
Pocahontas	White		.51	.10	.55	.72	.08			1.00	2.66					.26	.28		.10								.05		.35				6.66
Portland	Ouachita		.10	.31	.04	.40	.56					1.26	.78				.60	.03												.22	.06		4.36
Prescott	Ouachita		.04		.03	.50	.73	.12				.13					.85	.13		1.23										.41	.03		4.20
Rock Springs	Ouachita		.85		.65	1.58							1.78				.88																5.74
Rogers (near)	White		.30	.24	.04					1.09	.83					.25	.42											.12					3.29
Rosebud	Arkansas		.42		T.	.32	.27			.90	.23				.26	1.33			.17									.23	.25	T.			4.38
Russellville	Arkansas			.14	.18	.02	.13			.90	.50						2.09														.05		4.01
St. Charles	White		.09	.03	.36	.20	.35					.46				.15	.20												.20				2.04
St. Francis	St. Francis		.12	.06	.42	1.15	.33	.18			5.34	T.				T.	.10	.12													.50		8.32
Searcy	White			.56	.06	.39	.57	.23		T.	.99	1.33				.61	.50			.04									.07	1.18	.08		6.61
Springbank	Red		.18		.21		.84	T.	.56		T	1.06					1.32	.06		.16										.06			4.45
Story	Ouachita					1.06			.12	.56							1.17													.32			3.23
Stuttgart	Arkansas		.32		.07	1.25	.86					.04				.07	.75												.32				8.68
Stuttgart [Evap]	Arkansas		.18	.02	.34	1.64	.57	T.			.10	.02	T.			.04	.60	.01											1.17				4.69
Subiaco	Arkansas	T.	.22	T.	T.				T.	.54	.18					2.47	1.24		.24									T.	T.	T.			4.89
Texarkana	Red				T.	.55	60	.15					1.31				.95			2.00										.10			5.66
Thornburg	Arkansas	T.	.01	.01	.11		.39		.01	.20	.42	T.			T.	.30	2.05		.22										.28	.14	.02		4.16
Waldron	Arkansas																																
Warren	Ouachita		T.	.44	.60	T.	1.46	1.07			T.	3.20					.50	.03											1.72	.11	T.		9.12
Whitecliffs	Red		.05		.31	.15	.94	.13				85	.14				.65			.41					.18					.59			4.40
Wilson	Mississippi			.11	.37	1.03	.30				.82					.24													.15				3.02
Wynne	St. Francis	.35		.05		1.10	1 15				.70	2.60								.13									.75	.20			7.03
Yancopin	Arkansas			1.16	.07	.55	1.07				T.	.93					.33	.32												.29			4.72

Daily temperatures for June, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	94	97	..	..	90	85	87	84	87	87	84	88	93	88	86	92	92	93	94	95	98	98	96	99	98	99	102	98	92	87		92
	Minimum	63	67	..	..	64	60	58	60	65	67	68	69	69	68	64	65	65	67	65	67	66	63	67	67	63	68	70	63	64	63		65
Amity §§	Maximum	92	92	87	77	81	74	82	79	84	81	76	86	89	90	91	82	90	92	90	90	95	96	97	97	97	99	101	87	90	84		88
	Minimum	65	66	68	67	65	63	62	65	69	66	71	65	68	71	70	65	66	69	66	69	70	73	72	71	67	71	73	74	69	69		68
Batesville	Maximum	95	94	87	86	85	81	84	85	82	84	80	85	91	91	86	84	90	92	91	92	94	92	92	95	97	96	96	87	88	80		88
	Minimum	68	66	66	66	66	66	59	60	64	68	66	65	68	69	65	66	66	69	68	72	71	70	64	67	64	68	70	70	65	62		66
Bee Branch	Maximum	94	92	90	82	85	85	85	85	82	89	89	84	90	91	93	85	90	91	92	93	94	95	94	95	97	98	99	85	89	87		90
	Minimum	68	67	65	65	65	63	58	60	64	68	67	64	68	69	67	65	64	70	70	69	69	72	65	68	69	70	75	69	65	65		66
Bentonville ***	Maximum	87	87	79	79	78	76	83	80	77	77	83	86	89	86	86	84	90	92	93	91	93	96	96	96	95	95	93	86	88	83		86
	Minimum	66	68	64	63	58	54	50	60	62	61	62	67	72	68	63	60	68	69	70	70	71	73	71	72	70	71	73	69	61	59		65
Blytheville	Maximum	94	92	88	90	84	79	84	88	83	82	78	85	93	92	86	85	93	94	95	95	94	90	93	96	98	97	100	92	89	80		89
	Minimum	72	70	69	66	65	63	61	60	65	65	64	60	67	70	67	68	66	70	72	70	72	67	62	63	67	72	70	67	63	62		66
Booneville	Maximum	88	93	84	81	79	79	83	83	84	86	86	90	92	89	87	87	95	91	93	92	94	93	93	96	96	98	100	96	93	91		89
	Minimum	65	69	66	66	62	63	57	63	63	68	70	68	69	71	67	63	66	69	69	70	69	72	75	75	69	72	74	73	65	65		67
Brinkley	Maximum	96	94	91	87	85	81	85	88	85	88	87	85	92	90	85	84	92	94	93	95	97	95	93	97	97	100	101	94	90	84		90
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
Calico Rock	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
	Minimum	67	67	66	65	67	64	54	60	64	69	66	65	70	70	68	66	62	71	70	71	71	71	66	70	67	69	72	71	67	63		67
Camden	Maximum	93	96	91	86	85	83	86	89	90	90	86	91	92	93	94	93	94	93	93	94	96	98	96	96	98	98	102	92	92	87		92
	Minimum	65	68	66	70	66	66	65	65	72	75	69	63	71	72	71	66	66	72	67	70	71	74	69	65	67	72	74	69	69	69		68
Carthage	Maximum	94	94	90	84	81	78	83	85	85	85	82	90	90	90	92	84	91	92	90	92	94	93	95	92	94	96	96	96	88	84		89
	Minimum	65	68	67	67	65	63	63	64	71	73	69	64	71	71	70	66	64	72	66	69	70	75	66	64	65	70	71	69	69	66		67
Conway	Maximum	94	94	90	83	89	80	86	85	87	91	85	88	94	94	93	87	94	95	94	96	96	99	96	98	99	99	102	92	93	89		92
	Minimum	69	69	68	67	66	63	60	63	65	68	69	66	69	69	68	66	66	71	70	72	70	73	68	69	67	72	73	71	70	66		68
Cornerstone	Maximum	95	85	80	85	83	78	75	86	81	81	80	85	90	92	92	84	89	92	90	88	92	94	91	90	96	91	98	96	86	78		87
	Minimum	70	68	69	68	67	66	64	64	72	74	70	66	70	72	70	68	65	71	68	69	71	75	63	60	66	70	70	71	65	67		68
Corning	Maximum	96	88	88	84	84	81	83	85	78	77	75	82	92	93	85	83	89	93	93	95	95	93	89	96	92	97	96	82	82	78		87
	Minimum	68	65	66	65	67	64	56	57	66	62	62	58	67	69	65	66	67	70	70	71	71	65	62	64	65	70	70	69	64	60		65
Crossett	Maximum	96	95	90	89	87	86	86	90	92	93	87	91	91	93	92	91	91	92	92	95	98	97	94	98	98	99	99	97	90	91		92
	Minimum	64	68	67	67	66	67	66	64	70	73	67	61	68	70	69	69	68	67	67	66	69	72	64	60	65	70	69	72	68	71		67
Dardanelle	Maximum	95	94	88	83	90	84	85	83	86	90	88	90	94	95	89	87	93	94	95	95	97	97	96	97	98	102	102	90	94	90		92
	Minimum	68	72	67	67	66	65	59	64	64	68	71	71	71	70	71	65	67	72	71	73	72	76	73	75	68	73	74	73	67	66		69
De Queen	Maximum	92	94	88	81	87	83	84	80	87	83	79	90	89	91	90	87	92	94	91	94	96	97	95	97	98	98	100	92	94	91		90
	Minimum	67	70	70	67	63	64	63	63	69	69	66	67	70	70	71	65	67	72	67	70	70	72	74	73	68	72	74	70	74	72		69
Dumas	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
	Minimum	72	71	70	69	68	63	69	66	72	74	68	68	70	73	72	68	68	70	70	71	73	76	65	62	70	68	74	72	63	68		69
Dutton	Maximum	86	86	78	79	79	75	79	75	75	82	76	81	86	84	84	87	86	84	87	87	88	94	91	91	92	94	95	85	87	85		84
	Minimum	57	62	63	61	64	54	45	55	60	61	63	65	67	66	64	59	58	63	61	61	63	64	64	65	66	60	63	65	55	54		60
El Dorado	Maximum	96	95	91	76	85	84	87	88	90	90	87	90	92	92	93	92	93	95	92	95	97	98	96	96	99	98	103	95	93	89		92
	Minimum	69	71	69	70	65	65	68	67	73	75	75	64	78	72	72	67	69	71	67	71	73	76	70	66	69	76	76	74	70	71		70
England	Maximum	96	92	90	85	84	78	84	87	87	85	80	88	92	93	92	82	90	95	93	94	96	96	95	96	96	100	102	97	90	84		90
	Minimum	69	67	67	69	66	62	64	64	71	73	68	66	71	72	69	68	65	72	69	71	64	71	66	66	69	72	72	71	69	67		68
Eureka Springs	Maximum	88	86	78	80	78	76	81	77	79	76	81	85	87	83	86	82	91	92	92	89	89	90	92	91	92	93	92	83	86	84		85
	Minimum	66	66	63	63	62	54	50	62	60	62	63	66	70	63	64	61	68	67	69	70	73	72	72	73	72	73	72	70	61	59		65
Fayetteville	Maximum	88	87	83	80	80	78	83	81	79	81	82	85	88	87	89	84	90	94	93	91	94	99	97	96	98	98	98	91	91	87		88
	Minimum	63	67	63	65	62	56	49	58	59	64	64	68	72	73	64	63	67	69	69	70	70	70	72	73	68	69	69	69	61	58		65
Fordyce	Maximum	98	95	92	79	84	83	84	87	90	90	91	91	92	94	93	87	94	93	95	98	98	101	97	94	100	99	101	100	91	88		92
	Minimum	69	71	69	68	67	64	66	67	71	75	69	66	69	72	70	67	67	71	67	72	73	78	70	68	70	75	75	70	72	70		69
Fort Smith***	Maximum	93	91	85	82	86	79	86	79	83	85	81	91	91	92	86	86	93	96	95	95	95	99	100	98	97	98	100	90	93	88		90
	Minimum	70	69	67	69	66	62	60	66	64	72	72	71	72	74	66	64	71	72	74	74	75	77	76	76	75	76	76	76	69	69		70
Gilbert	Maximum	90	93	91	83	84	85	89	83	82	83	82	75	86	91	90	89	80	91	92	93	92	95	92	94	95	95	98	99	88	85		88
	Minimum	59	59	61	58	60	55	49	55	60	60	63	63	66	65	64	54	59	64	63	64	61	67	61	63	61	61	65	57	52	50		60
Grannis	Maximum	90	90	84	76	84	77	78	75	83	80	76	87	87	88	88	78	88	92	90	92	93	97	94	91	94	98	94	85	91	82		86
	Minimum	61	63	66	62	61	60	58	59	66	65	66	63	66	65	66	63	62	66	64	66	66	68	70	67	67	67	70	68	70	64		64
Gravette§§	Maximum	95	94	94	95	95	95	95	87	77	80	84	85	91	92	92	88	95	94	95	95	98	99	99	98	100	99	98	90	92	88		92
	Minimum	65	67	63	62	63	50	49	59	61	61	60	66	71	70	64	59	60	69	69	69	71	71	71	73	70	68	70	72	60	58		64
Harrison	Maximum	95	91	82	87	85	78	80	80	83	81	80	89	92	93	89	88	94	94	95	95	95	94	97	98	96	99	98	89	90	85		89
	Minimum	63	67	65	62	61	56	50	57	61	61	65	68	68	66	64	65	64	67	68	67	67	71	68	70	66	68	71	69	61	60		64
Helena	Maximum	96	97	88	85	84	81	82	86	87	85	81	85	90	90	89	84	88	91	92	92	94	92	91	94	96	100	97	92	97	81		89
	Minimum	72	69	68	68	68	66	61	62	71	73	67	65	72	72	70	66	67	70	72	71	74	73	66	64	67	72	71	69	66	66		68
Highland	Maximum	94	94	92	85	82	82	81	85	88	85	84	89	90	90	92	89	92	95	95	91	95	100	95	95	98	98	102	95	94	92		91
	Minimum	67	69	68	65	63	63	62	64	70	73	67	64	69	71	69	63	67	71	67	71	71	77	73	71	69	75	76	67	69	65		68
Hope §§	Maximum	93	93	88	79	84	78	86	86	88	89	78	90	89	90	91	86	92	92	92	92	94	96	96	94	96	97	100	92	92	88		90
	Minimum	64	70	66	68	64	61	62	65	72	74	69	64	70	72	72	64	66	72	67	71	73	75	73	70	67	72	75	73	69	70		69
Hot Springs	Maximum	101	102	99	82	92	83	92	85	90	92	87	93	97	97	99	92	97	92	98	98	103	102	101	100	103	101	106	89	95	91		95
	Minimum	65	70	68	67	64	60	61	64	68	68	70	68	70	73	70	66	65	69	67	70	70	73	70	69	67	72	74	72	68	66		68
Jonesboro	Maximum	95	93	90	84	84	82	84	86	84	85	78	86	91	92	83	84	91	94	95	93	95	94	92	94	96	98	98	93	89	85		89
	Minimum	73	69	65	66	64	61	60	60	64	66	64	63	67	71	66	66	66	71	70	71	73	71	64	64	68	74	71	70	67	64		67
Lead Hill	Maximum	94	89	80	82	87	78	86	81	83	77	77	86	93	92	89	87	93	93	95	93	96	95	96	98	94	99	100	89	91	87		89
	Minimum	61	65	64	62	64	50	47	56	62	62	65	67	65	66	67	64	61	67	66	66	66	68	65	69	65	67	70	70	60	58		63
Little Rock.***	Maximum	93	92	89	80	85	78	82	85	86	85	77	86	90	90	88	83	91	90	92	93	95	94	93	94	94	97	98	83	90	84		88
	Minimum	75	72	69	69	67	60	66	67	66	72	69	68	73	72	69	67	66	72	72	75	75	79	74	75	73	74	75	73	71	70		70
Little Rock [Airway]	Maximum	97	96	92	84	88	81	83	86	88	90	83	87	93	94	93	86	92	93	94	95	98	95	94	96	97	100	98	93	90	85		91
	Minimum	71	70	68	68	67	63	64	63	70	70	70	67	71	70	69	67	64	70	70	71	69	78	68	68	68	74	73	73	69	65		68
Lutherville	Maximum	93	89	81	80	86	80	85	82	82	87	80	87	94	93	90	84	90	91	93	93	94	97	96	96	97	100	100	86	93	87		89
	Minimum	68	68	64	64	64	62	57	63	65	68	69	68	70	72	63	64	65	69	69	70	70	74	71	71	67	72	71	71	61	66		67
Magnolia	Maximum	96	98	91	82	85	90	87	97	91	90	78	91	92	95	94	92	92	98	91	94	95	97	97	95	96	96	100	101	91	92		92
	Minimum	69	69	66	69	63	62	66	65	71	72	67	64	71	71	72	64	67	70	66	71	73	73	73	69	68	72	74	73	75	71		69
Mammoth Spring	Maximum	93	94	92	87	85	83	85	83	78	83	78	85	88	91	84	84	91	90	91	92	95	92	91	95	94	93	95	89	86	86		88
	Minimum	65	64	62	65	64	64	53	56	64	64	62	62	64	64	66	66	67	68	69	70	70	67	63	68	64	69	70	63	63	61		64
Marianna	Maximum	98	95	91	87	87	86	86	87	89	89	87	88	95	95	91	85	93	93	94	97	97	96	95	96	99	101	104	94	88	85		92
	Minimum	70	73	69	68	68	64	64	63	73	70	69	66	72	72	72	69	68	71	71	73	73	76	66	66	70	74	71	71	70	68		69
Marked Tree§§	Maximum	93	94	87	85	84	79	84	81	83	86	80	85	90	92	87	84	91	92	94	92	93	90	93	94	96	97	97	86	90	80		88
	Minimum	69	70	60	67	67	65	63	61	69	64	65	63	68	70	67	67	65	70	70	72	72	71	65	63	68	66	76	69	68	65		67
Mena	Maximum	93	93	84	80	82	76	87	79	85	82	80	89	90	91	92	90	90	92	92	94	96	97	98	98	98	97	98	87	91	87		89
	Minimum	65	68	67	64	61	63	60	62	63	65	64	66	71	70	68	65	64	68	65	68	70	70	72	70	65	70	72	69	67	70		66
Monticello	Maximum	96	93	90	88	82	85	85	88	90	90	84	90	92	91	93	90	91	94	92	94	95	94	92	94	96	98	98	92	89	86		91
	Minimum	72	70	64	69	68	64	66	66	71	73	67	65	65	72	72	68	68	72	72	72	72	74	68	64	68	73	74	73	70	70		69
Morrilton	Maximum	93	94	87	81	86	85	83	83	85	90	83	86	91	92	90	85	93	92	92	92	96	94	95	95	99	100	101	95	93	88		90
	Minimum	69	69	68	65	65	64	62	64	63	68	69	68	70	70	65	65	66	71	70	70	72	76	69	71	66	73	74	71	69	66		68
Mountain Home	Maximum	95	93	87	84	85	85	85	84	80	80	75	86	92	94	87	84	90	92	93	92	96	93	94	96	96	96	101	88	91	84		89
	Minimum	64	65	64	62	64	60	57	58	61	63	63	64	67	63	64	63	64	69	67	69	67	69	64	68	65	68	72	68	61	60		64
Mt. Ida	Maximum	92	93	85	80	85	77	74	74	77	78	79	85	90	90	92	83	92	94	93	94	97	97	98	96	96	98	97	86	93	87		88
	Minimum	60	65	64	62	65	63	57	61	66	69	62	67	68	73	65	64	64	66	63	65	65	69	68	68	67	62	68	69	68	62		65
Newport	Maximum	98	95	90	86	83	79	87	85	84	86	77	85	91	92	86	83	91	94	94	92	95	94	94	95	97	100	101	82	90	84		89
	Minimum	71	70	68	67	67	61	62	60	65	69	62	63	70	70	68	67	67	71	71	74	71	71	69	66	66	71	70	70	67	65		67
Okay	Maximum	93	92	84	81	84	83	84	83	88	86	82	90	90	90	91	87	90	92	91	92	93	98	95	95	95	96	99	94	94	89		90
	Minimum	67	68	68	66	62	64	64	65	71	74	65	76	69	70	73	66	67	68	66	72	71	72	74	72	68	71	73	71	69	71		69
Ozark	Maximum	92	92	90	91	89	88	85	80	80	89	88	88	93	85	86	85	92	96	92	95	92	98	98	97	99	100	93	92	95	92		9
	Minimum	65	66	61	60	60	60	54	61	62	68	70	69	69	68	66	70	65	68	70	70	68	77	73	74	68	70	73	73	64	64		6
Pine Bluff	Maximum	94	92	90	83	84	80	82	86	88	85	82	86	91	90	92	85	89	91	91	92	94	94	92	94	94	96	98	87	87	83		8
	Minimum	73	74	71	69	67	66	66	67	72	74	71	70	73	74	74	69	67	73	69	73	75	78	69	67	71	77	75	71	71	70		7
Pocahontas	Maximum	94	91	84	84	83	82	85	84	88	82	79	83	91	88	85	86	90	93	95	94	96	93	94	96	96	97	97	95	89	85		8
	Minimum	69	65	69	64	67	65	59	58	65	64	63	60	67	70	65	67	69	69	72	72	70	69	63	65	65	70	71	68	66	62		6
Portland	Maximum	96	92	92	91	88	85	87	90	91	93	88	89	92	92	94	90	92	92	90	94	96	95	92	94	97	97	98	95	90	89		9
	Minimum	69	70	68	70	68	65	67	67	71	73	66	66	69	71	69	67	69	67	71	70	72	75	66	63	68	72	71	72	70	69		6
Prescott	Maximum	95	96	93	83	85	82	88	86	90	89	86	94	93	93	95	92	93	95	93	95	96	98	97	96	98	98	102	99	93	91		9
	Minimum	66	70	67	66	63	62	64	66	70	73	71	64	70	71	72	65	66	71	66	71	73	76	71	70	69	73	75	73	68	69		6

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding d

Daily temperatures for June, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Rogers	Maximum	89	88	81	79	80	76	83	79	78	76	84	85	88	87	88	84	89	93	93	91	92	96	97	96	97	97	96	87	90	85		87.5
	Minimum	63	66	64	61	62	51	47	56	61	62	63	66	72	69	65	61	63	67	67	68	68	70	69	69	67	67	69	69	60	57		64.1
Russellville [Evap]	Maximum	94	93	89	82	84	86	85	83	85	91	90	89	93	94	93	87	93	95	97	94	96	98	96	97	98	102	102	88	94	93		92.0
	Minimum	67	71	67	65	67	65	58	64	62	69	72	71	69	70	70	65	66	71	70	71	71	75	71	72	68	78	76	72	67	64		68.8
St. Charles	Maximum	96	92	89	90	85	85	83	90	89	90	85	86	91	90	90	92	91	92	91	93	96	95	94	94	96	98	97	95	96	95		91.5
	Minimum	73	71	70	69	68	65	64	62	72	70	69	71	71	69	71	68	71	76	79	75	71	77	78	65	69	73	74	76	73	70		71.1
Searcy	Maximum	97	96	92	85	87	82	86	87	87	91	79	89	92	93	90	88	92	96	96	95	96	95	95	97	98	100	100	85	91	84		91.4
	Minimum	71	72	68	68	67	61	62	61	66	68	68	66	69	69	66	67	65	71	70	72	71	72	65	67	67	72	72	69	67	65		67.8
Stuttgart	Maximum	96	90	97	87	86	82	85	89	90	89	84	89	92	92	90	87	91	95	94	94	96	91	94	95	97	99	99	89	90	81		91.2
	Minimum	73	71	70	69	67	64	64	69	76	78	76	66	70	71	68	67	65	71	70	71	73	75	73	68	70	75	74	69	68	70		70.4
Stuttgart...[Evap]	Maximum	95	89	91	87	85	80	84	87	88	87	80	88	90	90	87	86	92	93	96	94	94	94	92	94	96	98	99	86	90	82		89.8
	Minimum	72	70	69	70	67	66	64	62	72	73	69	67	72	72	70	68	66	72	73	72	74	76	65	64	68	72	73	69	68	70		69.5
Subiaco	Maximum	95	93	84	85	92	82	87	84	86	89	84	92	96	95	92	86	93	96	95	95	94	99	99	98	98	100	101	92	94	91		92.2
	Minimum	67	70	65	64	62	62	57	64	63	66	70	69	69	74	63	63	65	69	69	70	72	75	72	72	69	74	73	72	66	65		67.7
Texarkana	Maximum	92	94	92	80	86	83	85	82	89	87	80	90	91	91	91	87	93	93	90	91	93	97	95	95	95	95	98	92	92	90		90.3
	Minimum	70	72	71	67	62	70	65	68	65	70	71	63	70	70	73	70	72	72	72	74	73	75	74	73	74	74	75	75	71	72		70.8
Thornburg	Maximum	93	93	89	82	87	79	85	82	85	89	81	85	91	92	90	87	94	91	91	92	96	95	97	97	97	100	101	89	92	86		90.3
	Minimum	59	65	67	67	62	61	55	57	64	65	69	69	68	70	72	64	60	65	62	63	64	69	65	66	59	66	68	68	63	59		64.4
Warren	Maximum	96	94	90	87	83	84	85	89	91	91	87	90	92	92	93	91	92	93	92	93	93	96	93	94	98	100	100	96	90	89		91.8
	Minimum	72	72	69	67	67	64	64	67	71	74	67	65	73	73	72	66	69	71	70	71	72	78	74	65	71	72	74	70	71	72		70.1
Wilson	Maximum	92	92	89	84	81	80	81	83	83	83	79	83	89	90	90	83	89	88	91	90	92	92	90	94	96	96	96	91	88	84		88.0
	Minimum	74	70	67	69	68	64	63	60	70	67	65	61	73	79	68	68	66	72	70	73	72	68	61	63	68	73	76	67	63	65		68.1
Winslow	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Wynne	Maximum	95	93	90	85	84	81	83	86	85	88	79	86	91	92	87	89	91	93	93	93	94	91	92	94	95	97	100	93	88	83		89.7
	Minimum	69	70	64	66	63	61	59	57	69	67	64	62	68	69	66	65	62	69	69	70	69	65	63	61	65	69	68	65	65	63		65.4

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for June, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.288	.270	.252	.200	.311	..	..	....	.170	.221	.279	.030	.202	.320	.271	.469	.139	.232	.290	.229	.281	.340	.288	.302	.309	.300	..	....	....	..		7.817
	Mean tem.	78	82	77	74	74	70	71	76	80	82	74	77	80	81	82	75	79	82	80	82	84	86	84	82	82	81	88	82	80	79		79.5
	Wind move	30	33	28	39	47	52	35	23	40	60	36	35	38	60	39	73	24	26	34	16	22	38	21	18	18	26	26	40	35	29		1,041
Russellville [Ozark Nursery]	Evap.	.228	.250	.210	....	.240	.286	.218	.184	.246	.176	.214	.176	.354	.310	.256	.284	.250	.280	.202	.294	.452	.380	.340	.342	.324	.287	.401	.140	.336	.330		8.266
	Mean tem.	80	82	78	74	76	76	72	74	74	80	81	80	81	82	82	76	80	83	84	82	84	86	84	81	83	90	89	80	80	78		80.4
	Wind move	18	35	44	36	73	57	30	30	50	60	40	42	78	70	30	50	30	26	31	41	32	30	27	30	23	47	25	29	43	46		1,203
Stuttgart [Rice Exp. Farm]	Evap.	.230	.250	.177	.214	.164	.243	.109	.184	.197	.183	.189	.104	.179	.305	.269	.107	.259	.089	.179	.210	.222	.266	.290	.225	.245	.259	.275	.322	.110	.243		6.346
	Mean tem.	84	80	80	78	76	73	74	74	80	80	74	78	81	81	78	77	79	82	84	83	84	85	78	79	82	85	86	78	79	76		79.6
	Wind move.	32	48	52	62	91	106	24	16	57	113	70	25	49	55	126	31	49	26	18	22	28	46	27	16	22	28	33	30	24	22		1,343

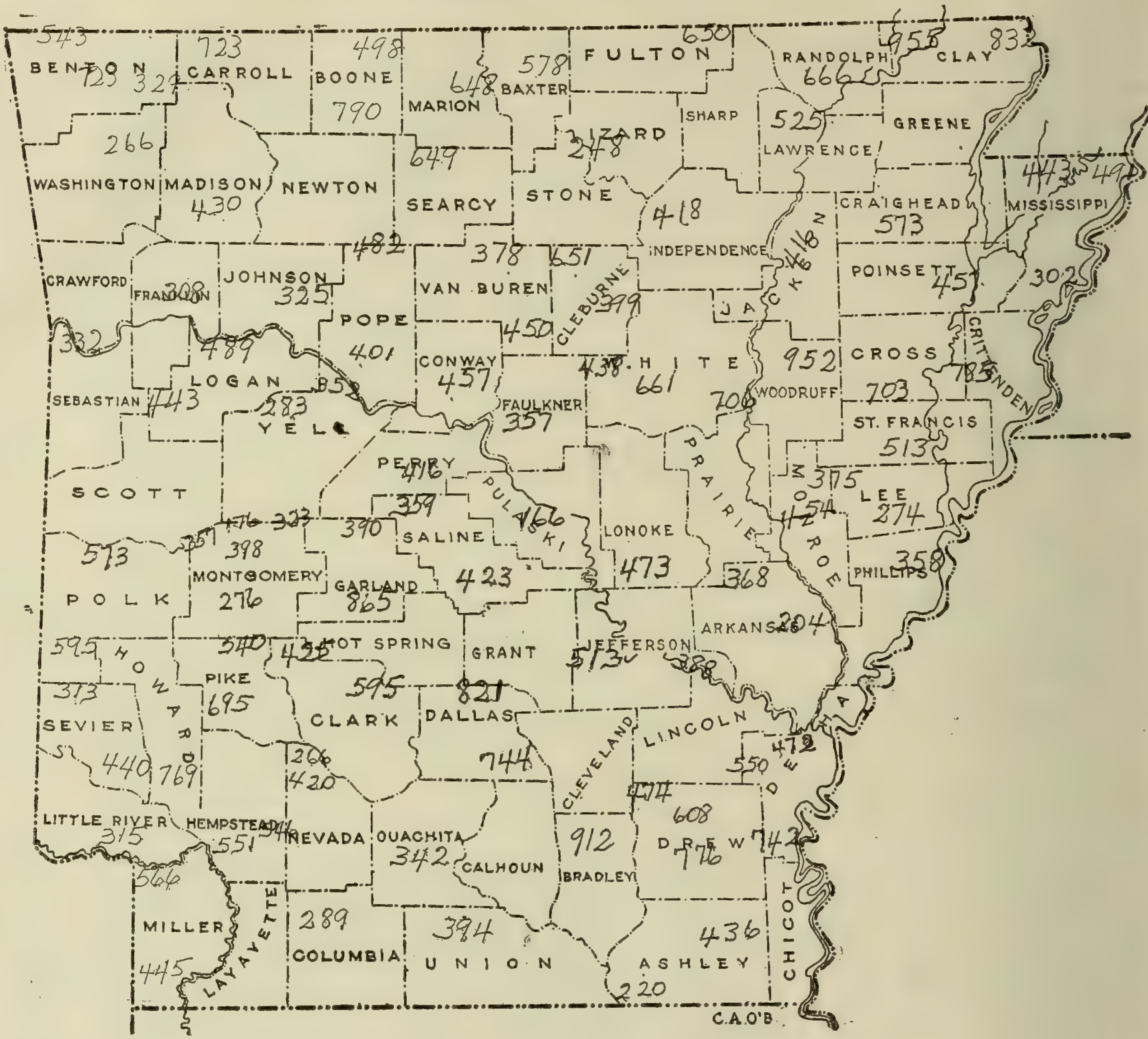
Daily River Stages for June, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.6	17.5	15.9	11.8	11.5	13.8	15.0	13.7	14.3	12.2	12.2	17.8	20.2	21.7	19.4	16.0	15.9	19.1	20.9	18.8	15.8	12.5	11.0	10.0	9.5	9.0	8.4	8.0	7.4	7.2	
Van Buren	do	22	10.4	17.1	16.8	11.8	11.2	13.8	15.1	13.7	11.6	12.5	12.0	17.7	20.0	21.7	19.8	16.5	15.7	18.9	20.8	19.1	16.1	13.0	11.3	10.3	9.7	9.0	8.5	8.0	7.4	7.2	
Danville	Petit Jean	20	2.8	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.5	2.4	2.9	2.5	2.5	2.6	5.7	15.6	10.3	4.9	3.9	3.6	3.2	3.0	2.8	2.7	2.6	2.3	2.4	2.4	2.3	
Ozark	Arkansas	22	5.6	7.7	13.7	9.2	7.0	8.2	10.0	10.0	10.7	8.8	7.6	10.5	14.4	16.3	15.9	13.4	10.8	13.0	15.5	15.3	15.1	11.0	7.4	6.3	5.4	4.9	4.3	3.8	3.3	2.9	
Dardanelle	do	22	7.7	8.5	14.9	14.7	11.0	9.7	11.8	13.2	12.5	13.1	11.0	10.4	15.7	17.8	18.8	17.8	15.4	14.3	16.9	18.4	17.2	14.8	11.8	9.8	8.7	8.0	7.5	7.1	6.6	6.1	
Morrilton	do	20	3.2	4.2	7.8	14.0	9.4	6.8	7.2	9.7	10.6	10.2	9.0	7.3	10.8	14.2	15.4	15.4	13.6	11.7	13.2	15.4	15.2	13.1	10.3	7.4	5.8	4.7	4.0	2.6	3.2	2.7	
Little Rock	do	23	3.6	3.6	4.4	10.8	11.4	8.2	6.3	7.5	9.4	9.4	9.7	8.0	7.2	12.3	14.7	15.7	14.5	12.4	11.4	13.6	14.9	13.8	11.4	8.6	6.4	5.2	4.4	3.9	3.5	3.0	
Pine Bluff	do	25	8.1	7.6	7.6	8.7	15.4	15.5	11.6	10.4	12.2	13.5	13.7	13.7	11.7	12.6	16.9	18.7	18.9	17.6	16.2	16.1	18.3	18.8	17.4	15.3	12.8	10.8	9.3	8.6	8.1	7.7	
Gilbert	Buffalo	30	3.3	3.2	3.2	3.3	3.5	3.3	3.2	3.2	3.4	3.8	3.8	3.7	3.6	3.4	3.4	4.3	4.1	4.0	3.8	3.8	3.7	3.6	3.5	3.3	3.3	3.2	3.2	3.9	3.5	3.3	
Doniphan, Mo.	Current	10	3.0	2.9	2.9	3.0	3.0	3.1	3.0	2.9	2.9	6.2	5.2	7.3	4.9	4.9	3.9	3.8	3.5	3.5	3.3	3.2	3.2	3.1	3.0	2.9	2.9	2.8	2.8	3.4	2.3	2.8	
Black Rock	Black	14	4.6	4.5	4.5	4.3	4.7	5.2	5.1	4.6	4.4	9.7	13.0	13.9	12.8	12.3	11.5	11.3	13.0	12.1	10.5	9.2	8.3	7.5	6.9	6.3	5.3	5.1	5.0	5.4	5.1	5.6	
Ozark Beach Mo	White	30	-0.6	-0.6	1.4	2.6	2.4	3.6	1.2	2.4	2.5	7.3	13.2	9.0	6.2	5.0	6.0	8.6	9.0	6.6	5.4	4.7	4.6	4.4	2.9	-0.8	1.0	1.2	1.2	1.0	1.1	1.0	
Cotter	do	21	3.8	3.7	4.0	4.2	4.2	4.2	5.1	5.1	4.2	4.7	10.8	13.5	10.0	7.4	6.3	7.3	9.5	9.5	7.8	6.7	5.9	5.5	5.1	4.8	4.3	3.9	3.9	4.0	4.0	4.0	
Calico Rock	do	18	1.6	1.6	1.7	1.7	1.8	2.0	3.4	3.0	2.3	4.0	10.7	11.8	9.4	6.7	7.9	7.0	8.7	8.2	7.1	5.7	4.8	4.3	4.0	3.4	2.7	2.8	1.8	2.2	2.2	2.0	
Batesville	do	23	6.7	6.4	6.5	6.7	6.7	6.7	7.2	8.5	7.8	7.8	12.2	16.6	18.2	14.3	12.0	12.5	14.3	14.8	14.2	12.4	10.9	9.9	9.3	8.9	8.1	7.5	6.5	6.6	8.0	6.9	
Newport	do	26	4.7	4.3	3.9	4.1	4.4	4.5	4.6	5.0	5.6	5.2	6.7	14.0	17.2	17.9	16.7	16.1	16.0	17.2	17.5	16.8	15.2	13.1	11.2	9.9	8.6	7.2	5.5	5.0	4.8	5.5	
Georgetown	do	21	8.0	7.5	7.0	6.7	6.1	6.1	6.5	6.7	6.9	7.3	7.6	8.2	12.5	15.0	16.2	16.6	16.8	17.0	17.3	17.6	17.7	17.6	17.2	16.4	15.4	14.2	12.8	11.4	10.0	9.0	
Clarendon	do	26	19.3	18.9	18.0	17.1	16.6	16.1	15.7	15.2	14.8	14.6	14.6	14.7	15.1	16.6	18.2	19.4	20.2	20.3	21.2	21.5	21.9	22.1	22.3	22.5	22.6	22.6	22.4	22.2	21.7	20.9	
Arkadelphia	Ouachita	17	3.9	4.0	4.8	5.0	4.1	4.8	11.1	6.8	5.9	7.1	7.5	6.6	5.8	4.7	6.3	5.5	5.4	5.4	6.2	5.2	4.6	4.8	5.3	4.6	5.2	5.2	4.5	4.0	5.6	4.9	
Camden	Ouachita	26	5.0	4.7	4.6	4.6	4.9	4.6	6.5	13.1	13.6	12.0	10.2	9.8	8.4	6.4	6.3	6.5	6.4	6.0	6.0	6.6	7.5	6.8	5.6	5.6	5.9	5.5	5.2	4.9	5.2	5.2	
Whitecliffs	Little River	25	2.2	2.1	2.0	2.1	1.5	2.7	2.2	2.0	1.9	1.7	1.6	7.0	13.8	16.4	16.4	14.0	10.7	3.0	9.1	9.9	7.5	5.7	4.1	3.7	3.0	2.7	2.1	1.9	1.7	1.5	
Index	Red	25	7.2	7.1	7.0	7.0	13.2	12.4	11.3	10.6	10.1	10.9	10.4	17.0	20.2	20.0	16.5	14.8	14.2	14.8	14.2	13.0	11.7	10.8	10.5	11.6	12.2	11.6	10.6	10.3	9.9	9.5	
Fulton	do	25	6.6	6.5	6.3	6.1	11.0	12.5	11.5	10.5	9.6	9.2	9.3	15.8	19.5	20.9	19.1	17.0	15.7	15.0	15.0	14.0	12.8	11.5	10.6	10.8	11.5	11.1	10.4	9.9	9.5	8.9	
Big Lake Outl't	Little River	10	5.9	5.7	6.0	5.9	6.0	6.1	6.1	6.1	6.1	6.5	7.1	9.3	10.8	11.7	12.2	12.5	12.6	12.6	12.5	12.3	12.1	11.8	11.4	11.0	10.6	10.0	9.4	8.9	8.3	7.7	
St. Francis	St. Francis	18	5.5	5.7	5.8	5.9	5.7	5.7	5.5	5.3	5.2	13.3	12.2	11.9	11.8	11.6	10.9	10.4	10.0	9.6	9.2	9.2	9.6	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.2	6.7	
St. Francis L.L.	do	..	22.1	21.9	21.7	23.6	21.6	21.6	21.6	21.4	21.4	21.4	21.5	21.4	21.5	21.8	22.3	22.7	23.1	23.4	23.8	23.9	23.8	23.7	23.6	23.5	23.4	23.2	23.2	....	....	.	
Marked Tree	do	17	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	2.0	2.1	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	
Parkin	do	28	8.0	7.3	6.8	6.4	6.5	6.6	6.5	6.0	5.5	5.4	6.5	6.2	5.8	5.5	5.4	5.4	5.3	5.4	5.8	6.2	6.7	7.2	7.5	8.0	8.2	8.3	8.3	8.3	8.1	7.9	
Madison	do	32	11.2	10.3	9.6	9.0	9.1	9.1	8.8	8.3	7.7	7.5	9.2	8.5	8.0	7.5	7.2	7.1	7.3	7.6	8.0	8.5	8.9	9.4	9.9	10.3	10.6	10.7	10.8	10.8	10.6	10.4	
Helena	Mississippi	42	24.6	23.8	23.0	22.2	21.6	21.2	21.0	21.0	21.3	21.8	22.6	22.9	22.5	22.0	22.5	23.6	24.5	25.0	24.9	24.7	24.4	24.2	24.1	24.2	24.3	24.2	24.0	23.4	22.9	22.2	
Arkansas City	do	42	25.2	24.2	23.2	22.1	21.3	21.1	21.2	20.8	20.1	19.7	20.2	20.7	21.0	20.7	20.2	21.0	22.3	23.3	23.6	23.5	23.3	23.4	23.5	23.5	23.1	22.8	22.3	21.7	21.0	20.4	

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana. Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||| 24 hours ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for June, 1937



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XLII LITTLE ROCK, ARK., JULY, 1937 No. 7

PRICE: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

Temperatures were generally above normal in the northwestern portion of the State during the first half of July but departures were not so marked in most other sections, while during the latter half temperatures averaged slightly below normal. The mean temperature for the State, based on the reports of 61 stations, was 80.4° which is 0.1° below the 47-year average. Monthly means ranged from 76.8° at Gilbert to 83.0° at Dumas and Ft. Smith. The highest temperatures reported was 106° at Booneville on the 5th; the lowest, 52° at Wynne on the 1st. The greatest daily range was 42° at Crossett on the 2d.

Showers occurred at frequent intervals in most sections of the State during the month but the distribution was irregular. In some sections rainfall was light and scattered while in most others amounts were generally sufficient for growing crops. The average precipitation for the 98 stations reporting was 3.71 inches which is 0.09 inch below the 47-year mean. Of the stations with records of 10 years or more, 40 had negative departures and 34 positive. Monthly totals ranged from 0.44 inch at Highland to 9.77 inches at St. Francis. The greatest amount measured in any 24-hour period was 7.45 inches at St. Francis on the 4th.

The weather during July was generally favorable for the growth of cotton. Some sections of the State received too much rain, causing rank growth, while in hill sections the soil was too dry part of the time. However, for the State as a whole, the crop fruited satisfactorily and mature bolls were reported even in northern counties by the close of the month. The early corn crop was damaged somewhat in some sections by the lack of moisture but in most portions conditions were favorable for a good crop. It was too dry in some portions of the up-lands for late corn but soil moisture was generally sufficient elsewhere. The showers the latter part of the month were very favorable for meadows, pastures, and truck crops.

Tornadoes, Windstorms, Heavy Hail, etc.

Heavy Hail:---Northwestern Independence Co., 3d, 5:30 p. m., hail fell over area 20 miles wide. Slight damage to gardens, crops, and buildings in some sections.

Southern and southeastern Benton Co., 5th, 2 a. m. to 4 a. m. Hail accompanied by wind stripped fruit trees of their fruit and beat tomatoes, beans, and other truck crops into the ground. 4,000 bushels of peaches on ground near Lowell. Considerable damage to buildings from wind in some localities. Loss several thousand dollars.

Northwestern Benton Co., 5th, 6:30 p. m. Hailstones one inch to one and one-half inches in diameter fell over area one mile wide damaging vineyards and some orchards severely. $10,000 loss to orchards and crops, considerable damage to composition roofs.

Northern Hot Springs Co., 5th. Hail for 40 minutes damaged corn 75% over small area. Fruit and gardens almost a total loss. No estimate of damage.

Southern Cleveland Co., 7th, 10 a. m. Hail damaged cotton and corn over area one-half mile wide and 4 miles long. Loss $1,500.

Killed by Lightning:---Near Beebe, 16th, 2 people; near Brister (9 miles south of Magnolia). 20th, 1 person.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.	1	.	.	.	.		.	.	.	.	.	.	.	1	1	3	.	.	.	.	.	.	.	2
Light Hail	.	..	.	.	4	.	.		.		.	..	.	.		.	.	.	.	.	.		.		1	.	.	.	..	..	..
Moderate Hail	..	.	1	.	1	.	.	.	.	.	.	.	.			.	..	.	.		..	.	.	.	.	..		.	.		..
Thunderstorm	.	..	7	9	18	7	16	8	9	14	4	1		.	..	11	8	14	20	7	3	2	.	.	14	9	2	5	12	6	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a. m.	12 noon	7 p. m.	
Bentonville	29.90	30.16	10	29.67	13	5.7	25	sw	5	..	..	..	73
Fort Smith	29.95	30.16	10	29.74	13	7.5	24	se	5†	78	52	47	63
Little Rock	29.99	30.19	11	29.83	13	7.3	34	w	5	81	54	56	73
Memphis	30.00	30.18	11	29.85	13	6.7	41	nw	16	77	58	59	57

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	48	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	47	3.55	0	8	17	9	5
1927	79.6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2.31	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
Period	80.5	116	40	3.80	0	7	15	11	5

Climatological Data for July, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	80.0	0.0	100	2	56	1	36	1.26	....	0.43	0.0	6	13	14	4	s.	L. R. Water Works
Amity	Clark	500	42	79.7	− 1.4	97	5	62	1	27	4.67	+1.42	1.60	0.0	7	7[a]	18[a]	5[a]	s.	J. W. Campbell
Arkadelphia	Clark	200	42	....	....	....	....	....	....	....	4.15	+0.46	1.85	0.0	10	14	9	8	sw.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	53	....	....	....	....	....	....	....	2.99	−0.65	1.24	0.0	9	26	0	5	....	Herbert Neff
Batesville	Independence	277	38	79.6	− 0.2	96	31	57	1	30	3.58	....	1.39	0.0	10	14	13	4	sw.	Airway Observer
Bee Branch	Van Buren	700	45	79.8	− 0.8	100	4†	57	1	37	4.76	+1.35	1.34	0.0	6	6	24	1	w.	J. E. Scanlan
Benton	Saline	285	2	....	....	....	....	....	....	....	3.76	....	2.02	0.0	8	23	3	5	....	S. A. Burks
Bentonville	Benton	1295	32	78.6	+ 1.2	99	5	59	26	31	7.10	+2.76	4.61	0.0	7	8	17	6	sw.	U. S. Weather Burea
Big Lake Outlet. ‡‡	Mississippi	239	7	....	....	....	....	....	....	....	4.62	....	1.96	0.0	8	20	7	4	....	C. J. Brooks
Black Rock	Lawrence	259	36	....	....	....	....	....	....	....	3.86	+0.12	2.16	0.0	4	19	5	7	s.	Vernon C. Howe
Blytheville	Mississippi	252	12	78.6[b]	− 3.4	95[c]	15	54[b]	1	31[c]	6.29	+3.07	....	0.0	6	24[c]	3[c]	1[c]	s.	Samuel Norris
Booneville	Logan	465	23	82.7	+ 0.7	106	5	61	1	32	4.79	+1.24	1.23	0.0	8	6	20	5	s.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	....	....	....	....	....	....	....	3.76	....	0.92	0.0	11	12	8	11	....	Harry Buie
Brinkley	Monroe	205	50	.. .	....	98	17	....	....	....	0.77	−3.51	0.36	0.0	4	9	18	4	sw.	R. J. Torry
Calico Rock	Izard	361	33	....	....	....	....	....	....	....	5.34	+2.40	2.15	0.0	10	13	9	9	sw.	William Jones
Camden	Ouachita	116	52	81.8	+ 0.6	98	3†	61	1	29	8.16	+4.15	3.30	0.0	10	8	9	14	se.	J. M. Knight
Carthage	Dallas	297	32	....	....	....	....	....	....	....	....	....	....	...	.	..	..	..	....	P. K. Wylie
Clarendon	Monroe	172	33	....	....	....	....	....	....	...	3.12	−0.47	1.28	0.0	7	13	11	7	s.	R. M. Wheatley
Clinton	Van Buren	516	16	....	....	....	....	....	....	....	4.08	+1.51	1.80	0.0	4	14	17	0	nw.	A. L. Stephens
Conway	Faulkner	309	54	81.8	− 0.2	100	2†	60	1	33	2.46	−1.08	0.68	0.0	6	22	9	0	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	26	79.0	− 2.0	97	18†	55	1	32	0.46	−3.54	0.31	0.0	6	18[a]	11[a]	1[a]	sw.	P. B. Hutchens
Corning	Clay	293	44	78.2	− 1.6	96	15†	54	1	31	6.75	+3.35	3.38	0.0	6	22	8	1	s.	Winfred D. Polk
Cotter	Baxter	440	10	....	....	....	....	....	....	....	4.36	+1.26	1.66	0.0	6	20	6	5	....	O. B. McSpadden
Crossett (near)	Ashley	175	25	81.1	− 1.3	101	6	56	1	42	4.05	−0.40	1.48	0.0	8	13	13	5	w.	U. S. Forest Service
Danville	Yell	327	21	....	....	....	....	....	....	....	3.28	−0.18	1.22	0.0	7	4	23	4	....	J. M. Patterson
Dardanelle	Yell	330	51	82.2	+ 0.2	102	5	64	1	33	4.09	+1.00	1.29	0.0	9	6	22	3	nw.	Geo. N. Goodier
De Queen	Sevier	426	2	81.2	....	98	5	64	1†	30	3.17	....	1.35	0.0	11	18	7	6	s.	E. B. Smith
Devils Knob	Johnson	2350	1	....	....	....	....	....	....	....	4.56	....	1.35	0.0	10	.	..	.	....	U. S. Forest Service
Dumas	Desha	162	32	83.0	+ 0.7	103	9†	60	1	36	2.18	−2.43	1.20	0.0	6	2	26	3	sw.	Ben Johnson
El Dorado	Union	270	37	82.9	+ 0.5	99	5	64	1	31	3.75	−0.29	1.02	0.0	9	14	10	7	s.	Mrs. E. W. Gaston
England	Lonoke	229	31	80.7[a]	− 0.9	97[a]	23	59[a]	1	32[a]	1.28	−2.01	0.75	0.0	5	13[a]	17[a]	0[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	78.4	− 0.2	97	5	59	26†	31	5.26	+0.96	1.82	0.0	7	20	11	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	79.4	+ 1.0	101	5	57	1	34	4.51	+0.60	1.29	0.0	10	12	15	4	sw.	University of Arkans
Fordyce	Dallas	190	9	82.0[b]	....	100[b]	4	63[b]	2	28[b]	5.05	....	2.33	0.0	10	12[b]	14[b]	3[b]	s.	M. G. Taylor
Fort Smith	Sebastian	448	56	83.0	+ 1.5	100	5	66	1	32	3.24	−0.13	1.69	0.0	8	10	17	4	e.	U. S. Weather Bure
Freeman Springs ‡‡	Pope	2240	13	....	....	....	....	....	....	....	2.38	−1.35	0.85	0.0	8	18	7	6	sw.	R. J. McCuiston
Fulton	Hempstead	260	52	....	....	....	....	....	....	....	2.57	−1.18	1.00	0.0	7	18	4	9	....	T. J. Logan
Georgetown	White	200	25	....	....	....	....	....	....	....	1.39	−1.97	0.61	0.0	4	15	11	5	....	Mrs. W. R. Owens
Gilbert	Searcy	600	12	76.8	....	99	5	56	27	38	3.42	−0.07	1.22	0.0	9	21	3	7	....	F. J. King
Glenwood	Pike	547	2	....	....	....	....	....	....	....	5.88		3.50	0.0	8	15	4	12	....	C. A. Price
Grannis	Polk	900	18	77.5	− 1.9	96	5	57	1	33	3.91	−2.34	1.23	0.0	10	14	10	7	sw.	W. E. McVay
Gravette	Benton	1250	40	80.8	+ 3.0	105	5	59	1†	35	7.95	+3.78	4.95	0.0	9	15	15	1	sw.	Max W. Schmidt
Harrison	Boone	1052	37	79.4	+ 2.0	100	3†	57	27	33	3.16	−0.95	1.31	0.0	6	25	6	0	sw.	Louis R. Keck
Heber Springs	Cleburne	....	2	....	....	....	....	....	....	....	3.48	....	0.83	0.0	7	18	10	3	....	Volena Black
Helena	Phillips	300	65	78.6	− 3.0	94	17†	55	1	27	5.57	+1.87	2.06	0.0	9	14	8	9	se.	James A. Burnett
Higden	Cleburne	445	18	....	....	....	....	....	....	....	5.50	+2.05	1.97	0.0	5	26	4	1	sw.	Trumon Brown
Highland	Pike	491	18	82.4	....	98	5	62	8	30	0.44	−3.42	0.23	0.0	2	5	20	6	sw.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	81.3	− 0.5	96	3†	62	1	28	1.70	−2.66	0.64	0.0	7	2	27	2	sw.	Experiment Farm
Hot Springs	Garland	600	46	82.8	+ 1.0	102	5†	61	1	35	4.86	+0.26	1.65	0.0	10	1	28	2	s.	National Park Serv
Index ‡‡	Little River	275	20	....	....	....	....	....	....	....	2.20	−1.14	0.78	0.0	6	16	7	8	....	W. E. McDowell
Jessieville	Garland	750	11	....	....	....	....	....	....	....	2.40	−1.04	1.25	0.0	7	0	31	0	sw.	U. S. Forest Service
Jonesboro	Craighead	345	42	79.2	− 1.4	95	15†	56	1	29	4.16	+0.87	1.73	0.0	12	6	18	7	sw.	Benedictine Sisters
Lead Hill	Boone	650	31	78.6	− 1.6	102	4	55	27	34	2.99	−0.46	0.97	0.0	8	21	10	0	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	58	80.6	− 0.3	95	3	66	1	24	1.62	−1.88	0.69	0.0	9	8	14	9	sw.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	1	81.0	....	98	16†	61	1	29	1.32	....	0.58	0.0	8	8	14	9	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	38	80.8	+ 0.7	100	5	60	5	40	3.84	+0.09	1.92	0.0	6	12	15	4	se.	H. G. Lenhardt
Madison	St. Francis	209	7	....	....	....	....	....	....	....	4.32	....	1.47	0.0	4	14	5	12	....	J. W. Eppes
Magnolia	Columbia	315	21	81.6	− 1.0	98	6	64	1	29	7.00	+3.54	1.50	0.0	7	2	27	2	s.	State Agri. School
Mammoth Spring	Fulton	600	33	78.6	0.0	95	15	57	1	30	6.30	+2.48	3.50	0.0	3	17	11	3	se.	S. F. Whittaker
Marianna	Lee	235	26	79.6	− 1.6	94	16†	58	1	26	5.45	+1.98	1.80	0.0	8	5	26	0	s.	C. N. Houck
Marked Tree	Poinsett	229	33	79.0	− 2.1	97	5†	56	1	31	3.74	+0.24	1.32	0.0	6	15	16	0	n.	Charles Walton
Mena	Polk	1207	49	80.5	+ 0.3	98	5	60	1	32	3.98	+0.18	1.83	0.0	9	15	8	8	sw.	E. W. St. John
Monticello	Drew	....	1	80.8	....	97	5	58	1	27	4.21	....	1.72	0.0	10	12	13	6	sw.	Airway Observer
Monticello (a)	Drew	....	2	....	....	....	....	....	....	....	2.02	...	1.22	0.0	6	..	.	..	....	Soil Conservation S
Montongo	Drew	....	2	....	....	....	....	....	....	....	4.50	.. .	1.40	0.0	7	20	0	11	s.	Soil Conservation S
Morrilton	Conway	315	18	81.4	− 1.5	100	2†	61	1	32	1.51	−1.19	0.66	0.0	6	8	22	1	s.	Mrs. Freda M. Ashcr
Mountain Home	Baxter	800	25	79.2	0.0	101	4	57	1	35	2.33	−1.51	0.75	0.0	5	15	12	4	sw.	B. S. Halbert
Mount Ida	Montgomery	702	38	79.0	− 1.0	101	5	56	1	32	3.72	−0.01	0.97	0.0	9	15	11	5	sw.	G. A. Whittington
Newport	Jackson	231	54	80.4	− 0.9	100	31	57	1	31	1.25	−1.84	0.60	0.0	8	14	14	3	n.	J. D. Henderson
Norman	Montgomery	687	9	....	....	....	....	....	....	....	2.85	...	0.75	0.0	6	9	14	8	sw.	U. S. Forest Service
Oden	Montgomery	800	10	....	....	....	....	....	....		5.22	....	1.72	0.0	7	10	18	3	s.	U. S. Forest Servic
Okay	Howard	288	9	81.8	....	100	18	59	9	35	2.26	....	1.26	0.0	7	21	8	2	s.	Charles R. Jackson
Ozark	Franklin	396	42	81.2	− 0.9	102	5	62	1	34	4.03	+1.01	1.82	0.0	6	17	6	8	se.	Orkney O. Milton
Paragould	Greene	275	14	....	....	....	....	....	....	....	....	....	....	...	..	..	..	..	....	W. R. Heagler
Parkin	Cross	222	7	....	....	....	....	....	....	....	1.42	.. .	0.52	0.0	5	16	0	15	....	Carroll King
Patterson	Woodruff	204	21	....	....	....	....	....	....	....	3.30	−0.23	1.70	0.0	4	20	11	0	sw.	W. E. Baker
Pine Bluff	Jefferson	215	50	81.4	− 1.0	95	18†	68	1	24	1.25	−2.31	0.66	0.0	3	6	21	4	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	13	....	....	....	....	....	....	....	6.12	+2.49	1.78	0.0	6	12	14	5	sw.	J. R. Huddleston
Pocahontas	Randolph	300	44	79.0	− 1.4	97	31	55	1	31	3.79	−0.32	1.39	0.0	7	17	9	5	sw.	Benedictine Sisters
Portland	Ashley	122	31	80.4	− 1.4	98	5†	57	1	33	4.98	+0.88	1.32	0.0	9	10	14	7	sw.	W. E. Edmiston
Prescott	Nevada	318	49	82.2	+ 0.1	99	3†	63	1	31	6.81	+2.82	3.15	0.0	13	9	12	10	s.	Craig Williams
Rock Springs	Drew	....	2	....	....	....	....	....	....	....	2.62	....	1.75	0.0	5	18	9	4	sw.	Soil Conservation S
Rogers (near) ‡‡	Benton	1300	47	79.0	+ 1.4	101	5	58	1	33	7.55	+3.11	3.20	0.0	7	12	16	3	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	3	....	....	....	....	....	....	....	2.41	....	0.86	0.0	6	13	17	1	w.	G. A. Maddox
Russellville [Evap]	Pope	526	25	82.4	+ 1.2	105[b]	4	62	27	32[b]	3.42	−0.85	1.17	0.0	8	25	0	6	sw.	U. S. Forest Servic
St. Charles	Arkansas	175	4	....	....	96	6†	..	..	29	4.46	....	3.20	0.0	4	18	8	5	s.	U. S. Biological Sur
St. Francis	Clay	290	10	....	....	....	....	....	....	....	9.77	+5.45	7.45	0.0	5	25	2	4	....	A. Boyce Boyd, Jr
Searcy	White	245	27	80.7	− 0.3	98	4†	59	1	32	2.45	−0.46	0.67	0.0	8	18	5	8	sw	Walter Smith
Springbank ‡‡	Miller	240	28	....	....	....	....	....	....	....	4.43	+0.23	1.65	0.0	9	15	5	11	....	Henry Field
Story	Montgomery	650	13	....	....	....	....	....	....	....	2.64	−0.96	0.72	0.0	6	20	7	4	s.	S. C. Story
Stuttgart	Arkansas	214	50	81.1	− 0.1	98	16†	59	1	32	0.70	−2.74	0.50	0.0	5	21	9	1	s.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	2	80.1	....	99	18	58	1	27	1.21	....	0.68	0.0	6	..	..	..	....	Rice Experiment S
Subiaco	Logan	750	40	82.4	+ 0.4	102	5	61	1	34	3.08	−0.29	0.70	0.0	7	11	17	3	se.	New Subiaco Abbe
Texarkana	Miller	332	52	81.5	− 1.0	97	5†	67	8	24	3.21	−0.95	1.70	0.0	7	16	8	7	s.	H. S. Brashear
Thornburg	Perry	650	17	80.8	+ 1.0	102	5	56	1	38	1.24	−3.01	0.42	0.0	8	6	22	3	s.	Edward E. Holme
Waldron	Scott	675	18	....	....	....	....	....	....	....	....	....	....	...	..	..	...	..	....	Dr. Cheves Bevill
Warren	Bradley	206	43	81.7	− 0.7	98	18	61	1	31	5.07	+1.30	2.80	0.0	11	2	17	12	sw.	C. N. Turner
Whitecliffs	Little River	290	31	....	....	....	....	....	....	....	1.45	−1.60	1.20	0.0	2	21	5	5	....	L. M. Snead
Wilson	Mississippi	237	12	78.4	− 2.4	93	6	54	1	31	4.24	+0.22	2.07	0.0	4	22	4	5	s.	D. O. Anderson
Wynne	Cross	250	29	78.2	− 2.9	96	31	52	1	34	2.13	−1.59	0.85	0.0	6	17	13	1	s.	B. M. Eddins
Yancopin	Desha	167	13	....	....	....	....	....	....	....	2.59	−1.00	0.73	0.0	11	9[b]	10[b]	10[b]	....	W. E. Barton
State Means				80.4	− 0.1	106	5	52	1	42	3.71	−0.09	7.45	0.0	7	14	12	5	sw.	

Daily Precipitation for July, 1937

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser	Ouachita					.43					.33	.13														.11				.11	.15		1.26
Amity	Ouachita						.28		.33				.12								1.60						.90				1.20	24	4.67
Arkadelphia	Ouachita						.12		.10			.10	.18								1.29	.06					.22	.04			.19	1.85	4.15
Arkansas City	Mississippi						.12				1.24	.05		.20							.60	.20		.05			.48	.05					2.99
Batesville	White			.51		29		.03		.12		1.39		.03			.29	T	.31	.59						T.	.02						3.58
Bee Branch	Arkansas					1.34					.75	.68	.35						.75	.89						T							4.76
Benton	Saline					.32	.59					.53	.13								.06						.06				2.02	.05	3.76
Bentonville ***	Arkansas					.50			.11		.60	T.			T.				.37	4.24					T.	.06				1.22	T.		7.10
Big Lake Outlet	St. Francis				.17	1.96					.51							.17	.15	1.57	.03						.11						4.67
Black Rock	White				.02	.36						1.32	T							2.16	T.												3.86
Blytheville	St Francis		.03		*	3.14												.45		1.36							1.31						6.29
Booneville	Arkansas						.83	T.	.01		.35									.54						.61			.02	1.20	1.23		4.79
Boughton	Ouachita						.02			.09	.01		.63								.29	.84					.13	.03	.92		.15	.65	3.76
Brinkley	White					.04													.21	.16							.36						0.77
Calico Rock	White				.10	1.59			T		.05	2.15					.03	.08	.03	.89	.20						.22		T.			T	5.34
Camden	Ouachita											3.30	.32								.53	.87					.32	1.03	.02	1.17	.17	.43	8.16
Carthage	Ouachita																																
Clarendon	White					.44	.25				.02	.62								.08							1.28	.43					3.12
Clinton	White			T.	1.07	T.					T.	1.16							T	1.80						T.			T.		.05		4.08
Conway	Arkansas			.52		.26							.58						.34	.08										.68			2.46
Cornerstone	Arkansas					T.	.31	.08			.02								.01	.03						.01							0.46
Corning	White			.08	3.38	.05						.60						.83		1.81													6.75
Cotter	White			T.		1.66						.46								.80	.10					.10	1.24						4.36
Crossett [near]	Ouachita									.19	.91										.69	1.48				.37	.02	.28	.11				4.05
Danville	Arkansas						1.22				.01	.52									.34						.44				.42	.33	3.28
Dardanelle	Arkansas						1.29		.02			1.04						.39	.01		.42						.02				.50	.40	4.09
De Queen	Red						.08	.20		.22	.07	1.35									1.06	.02				.03	.10			.03	.01		3.17
Devil's Knob	Arkansas			.01			1.35		1.17			.75								35	.28					.24			.08	.30	.03		4.56
Dumas	White					.14		.03		.16	.04		T.				T.				1.20					T.	.61						2.18
El Dorado	Ouachita							.02	.35		.20	1.02										.52	.95				T	.10	.25	T.		.34	3.75
England	Arkansas					.20	.12			.10									.11	T.						T.	.75			T.			1.28
Eureka Springs	White						1.08				1.01	.06							.15	1.82						.67				.47			5.26
Fayetteville	White			.01			.49		.28		.44	.33							.76	1.29						.48	.21			.22			4.51
Fordyce	Ouachita							.46	T		.03	.64									2.33	.24				.29	.28	.57		.02	.19		5.05
Fort Smith ***	Arkansas					.28	.05	.06	T.		.39	T.								.75						.01			T.	1.00	.70		3.24
Freeman Sprgs	Arkansas			T.			.85											.08	.15	.25	.80					.03					.21	.01	2.38
Fulton	Red							T.	.80		T.	.16	.08									1.00	.05	T.			.23		T		T.	.25	2.57
Georgetown	White								.15			.16						T.	.61	.47													1.39
Gilbert	White					1.07				.27	.07	.07							.02	1.22	.33					.06	.31						3.42
Glenwood	Ouachita						.30	.30			.02	.20									3.50					.27	.26				.65	.38	5.88
Grannis	Red						.79	.02		T.	.11	1.23								.63	.87					.05	.12			.05	.04		3.91
Gravette	Arkansas						.32			.34		48				.07			.39		4.95					.11				1.17	.12		7.95
Green Mountain	White																	.23	.13	1.05						.18							
Harrison	White										.57	.24					T.		.30	1.31						.70			.04				3.16
Heber Springs	White				.66	.41						.70			.14				.38	.83	.36												3.48
Helena	Mississippi				.01		.14				2.06	.10		.30					1.70	.08							.83	.40					5.57
Higden	White					.62					.53	1.97							.48	1.90													5.50
Highland	Ouachita																				.21									.23			0.44
Hope [Evap]	Red										.04		.02									.64	.05				.10	T	.25		T.	.60	1.70
Hot Springs	Ouachita					1.05	.18	.03			.07	1.65	.12							T.						.05	.98			.58	.15		4.86
Index	Red							.30		T.	.05			.78								.47	.48	T.			.12						2.20
Jessieville	Ouachita						1.25	.20			.20	.15								T						T.				.35	.10	.15	2.40
Jonesboro	White			.03	.04	.02			.18		.28	.72	.01					1.08	.01	1.73	.04						.02						4.16
Lead Hill	White			.25		.04			T.	.38	.94				T.				.13	.97						.26		.02			T.		2.99
Little Rock ***	Arkansas			T.	.10	.40	T.	.02		T.	.22	T.						.04	.65	T.						.07	.01			.11	T.		1.62
LittleRock Airway	Arkansas				.32	.04		T.				.24						.02	.58	.05							.04			.03			1.32
Lutherville	Arkansas					1.92	.28	T.	T.	T.	.39									.63									T.	.52	.10		3.84
Madison	St. Francis			T.			.45		1.47										1.35	1.05													4.32
Magnolia	Red										1.07	.48									1.00	1.15						.40		1.50	1.40		7.00
Mammoth Spg	White				.40							3.50								2.40	T.												6.30
Marianna	St. Francis					.55		.90	.24		.08								.50	1.80						1.00	.38						5.45
Marked Tree	St. Francis				.12	1.32					.52							.75	.26	.77													3.74
Mena	Ouachita						1.01		.07		.08	.30	.02								.15	T.					1.83				.51	.01	3.98
Monticello	Ouachita					.01		.01			1.38	.10									1.72	.13				04	.02	.72			.08		4.21
Monticello (a) ***	Ouachita											.30										1.22	.10				.20		.10			.10	2.02
Montongo	Ouachita							.74			.23										1.40	.30				.95		.17			.71		4.50
Morrilton	Arkansas					.02	.66					.36	.04						T.		.11						T.				.32		1.51
Mountain Home	White			.19		.48					.75								.21	.70													2.33
Mount Ida	Ouachita						44	.15				.79									.14					.17	.22		.20	.64	.97		3.72
Newport	White					.12			.01			.18	.02					.05	.14	.60	.13												1.25
Norman	Ouachita						.38					.54														.24	.50			.44	.75		2.85
Oden	Ouachita						1.11		T.		.04	1.25									.07					.10	.93				1.72	T	5.22
Okay	Red							.30				.24	.03								1.26	.07								.34	.02		2.26
Ozark	Arkansas						.60				T.	1.82									.65						.07		T.		.80	.09	4.03
Paragould	St. Francis																																
Parkin	St. Francis					.26	T.							.14				.38	.12	.52													1.42
Patterson	White							1.70		.15									.97	.48													3.30
Pine Bluff	Arkansas					.55	T.					.04									.66										T.		1.25
Pine Ridge	Ouachita						1.10					1.35															.71			.41	1.78	.77	6.12
Pocahontas	White				.35	.40						.88					.16		.49	1.39							.12						3.79
Portland	Ouachita						1.00		.03			.02								1.32	1.08	1.18					.11	.04	.20				4.98
Prescott	Ouachita						.01		.02		.03	.01	1.30								.35	.33	.04				.07	3.15	.22		.08	1.20	6.81
Rock Springs	Ouachita							.01			.21									1.75						.45					.20		2.62
Rogers (near)	White						.82		1.03		.69								.55	3.20						.13				1.13	T.		7.55
Rosebud	Arkansas			.11	.58	.12					.28							86		.46													2.41
Russellville	Arkansas						1.17	T.			.39	.60					.06			.35							.11			.47	.27		3.42
St. Charles	White					.40		T.		T.									.50	.36							3.20						4.46
St. Francis	St. Francis				7.45	.24						.14						1.07		87						T.							9.77
Searcy	White					.59	.03		.39			.67						10	.14	.39	.14												2.45
Springbank	Red							.08	.31		.60	.07	.15								T.	1.32	1.65				.05	T.			T.	.20	4.43
Story	Ouachita						.68					.72															.24			.30	*	.70	2.64
Stuttgart	Arkansas					.03						T.								.50	.04						.06	.07					0.70
Stuttgart [Evap]	Arkansas					T.	.12		.02			.03								.35	T.						.68	.01					1.21
Subiaco	Arkansas					T.	.70		.35		.65	.01					T.			.47						T				.21	.69		3.08
Texarkana	Red							.27	T.		.13	.10	.55								.06	1.70	.40										3.21
Thornburg	Arkansas						.19		T.		.01	.12							.05	.11				T.		T.	.16			.42	.18		1.24
Waldron	Arkansas																																
Warren	Ouachita					.14		.67		.04	.38	.14									2.80	.08				.46	.05	.28			.03		5.07
Whitecliffs	Red								.25													1.20								T.			1.45
Wilson	Mississippi					2.07								.07				.20		1.90													4.24
Wynne	St. Francis						.25		.30		.25								.07	.85	.41												2.13
Yancopin	Arkansas						.21	.01	.07	.02	.73	.27	T.	.07					.04		.41						.70	.06					2.59

Daily temperatures for July, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	90	100	99	96	93	95	91	90	96	89	90	93	95	95	96	96	98	96	86	88	91	92	94	96	91	89	94	96	88	87	97	93.
	Minimum	56	66	68	60	69	76	67	67	66	70	59	67	67	73	75	72	78	71	71	68	64	61	62	64	65	70	60	62	68	66	68	67.
Amity §§	Maximum	86	93	95	93	97	92	90	88	94	86	90	91	92	94	92	94	95	94	90	76	89	90	91	91	84	85	88	91	74	79	92	89.
	Minimum	62	66	69	72	73	68	72	68	68	71	69	67	68	74	74	73	73	72	74	69	68	69	70	67	71	68	69	70	72	69	70	69.
Batesville	Maximum	85	93	93	94	94	92	93	90	93	92	88	91	94	92	95	94	95	86	84	87	87	90	92	94	88	86	88	90	90	95	96	91.
	Minimum	57	68	67	72	72	68	68	66	69	71	70	70	72	72	73	75	75	74	69	66	64	63	63	64	71	66	61	63	66	65	70	68.
Bee Branch	Maximum	90	98	98	100	100	93	90	91	95	94	87	90	90	92	97	97	97	89	87	82	85	89	93	94	90	86	89	91	88	91	97	91.
	Minimum	57	66	69	70	63	70	69	67	69	72	69	68	72	72	74	74	74	72	67	67	64	63	64	65	69	68	59	61	66	66	69	67.
Bentonville ***	Maximum	90	96	92	96	99	92	92	86	91	79	83	89	91	93	92	91	87	83	81	85	87	86	90	88	90	81	85	91	80	91	92	88.
	Minimum	60	73	75	74	68	68	70	69	68	69	68	70	74	76	73	75	71	68	63	64	65	67	66	69	68	59	61	66	67	70	70	68.
Blytheville	Maximum	85	90	..	..	..	91	90	90	90	91	90	90	94	93	95	94	93	87	85	84	90	87	91	92	90	85	85	87	90	93	94	89.
	Minimum	54	66	72	..	..	67	71	68	71	69	70	72	72	73	73	75	70	68	67	64	63	68	65	67	70	66	59	58	60	63	67	67.
Booneville	Maximum	93	101	101	102	106	99	94	88	94	90	87	91	94	94	97	101	100	98	92	88	95	96	98	94	92	90	92	98	91	86	95	94.
	Minimum	61	71	76	74	75	67	74	70	70	74	71	68	71	72	73	75	73	73	66	70	68	67	68	69	73	71	67	71	69	70	74	70.
Brinkley	Maximum	86	92	94	91	90	95	93	91	94	90	90	93	96	96	95	97	98	93	85	97	91	92	95	96	94	89	89	91	90	94	97	92.
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Camden	Maximum	89	95	98	95	98	95	93	94	96	91	90	92	92	93	94	94	96	96	92	88	85	92	92	95	94	90	91	93	83	84	96	92.
	Minimum	61	66	71	76	75	69	70	68	70	72	69	70	74	75	75	75	74	76	77	70	72	67	70	68	71	69	69	71	70	72	70	71.
Carthage	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Conway	Maximum	91	100	100	96	93	95	93	93	97	92	91	94	96	98	95	98	100	92	86	87	91	93	97	99	94	90	91	96	90	91	99	94.
	Minimum	60	67	71	75	71	71	71	68	71	72	70	69	72	74	75	75	73	72	72	69	67	65	65	66	71	71	61	63	67	69	71	69.
Cornerstone	Maximum	76	89	95	91	91	83	82	86	89	89	83	86	93	94	94	95	95	97	90	87	90	91	93	93	89	85	90	91	82	88	97	89.
	Minimum	55	64	71	72	74	68	69	66	72	70	70	68	72	76	75	74	72	74	74	71	69	62	67	63	68	71	62	60	61	64	65	68.
Corning	Maximum	84	89	86	90	90	88	88	88	92	91	89	89	95	95	96	94	95	86	85	87	89	85	93	90	85	85	87	87	92	95	96	89.
	Minimum	54	65	70	65	69	69	70	68	71	70	70	72	72	72	74	74	69	69	65	63	62	64	65	64	71	61	58	58	62	64	68	66.
Crossett	Maximum	89	98	98	97	99	101	95	91	95	88	92	94	94	96	97	96	98	99	96	92	85	88	92	94	92	93	88	90	87	85	95	93.
	Minimum	56	56	65	72	73	67	68	68	68	70	69	70	71	72	73	71	71	73	73	71	70	65	65	67	71	72	71	68	69	72	67	68.
Dardanelle	Maximum	92	101	99	100	102	93	95	92	95	91	90	93	95	94	95	94	95	93	88	88	91	93	95	95	91	89	92	93	87	90	96	93.
	Minimum	64	72	76	76	69	68	73	70	70	75	70	71	74	73	75	73	74	75	69	71	68	66	67	68	72	72	64	70	71	72	73	71.
De Queen	Maximum	90	95	96	95	98	92	95	88	94	88	89	91	91	91	93	94	93	95	91	87	87	91	92	91	90	90	91	94	90	87	92	91.
	Minimum	64	65	70	73	71	68	70	67	68	70	70	69	73	73	74	74	73	73	74	72	72	68	69	69	72	69	72	75	73	73	72	70.
Devils Knob	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	81	83	89	88	87	85	81	85	86	78	86	91	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	65	64	66	68	70	65	60	69	65	64	66	71	...
Dumas	Maximum	91	100	101	100	94	100	92	98	103	92	91	95	91	97	98	98	101	103	97	84	92	95	96	97	92	89	88	92	86	94	100	95.
	Minimum	60	64	70	74	77	70	70	68	72	72	70	73	72	74	74	74	75	77	75	70	72	68	70	67	72	73	68	66	66	71	70	70.
El Dorado	Maximum	90	97	98	97	99	98	98	92	95	91	93	93	95	94	95	96	97	98	95	92	84	88	92	94	93	93	90	95	86	84	95	93.
	Minimum	64	66	71	75	74	70	73	68	73	73	70	72	75	75	75	74	74	76	76	75	72	69	68	70	74	74	73	73	74	75	71	72.
England	Maximum	85	92	95	95	93	93	93	88	93	89	88	91	93	95	95	95	96	94	83	90	94	93	97	..	89	83	90	92	85	85	96	91.
	Minimum	59	66	73	75	71	69	71	67	71	71	71	70	75	76	75	75	75	76	75	70	67	65	65	..	72	70	64	63	67	68	70	70.
Eureka Springs	Maximum	86	90	88	93	97	95	91	87	92	87	83	87	90	91	92	89	89	85	82	84	85	87	91	89	89	83	87	92	85	88	93	88
	Minimum	61	73	74	76	78	64	66	67	67	68	67	71	74	76	72	74	72	68	64	64	65	65	67	70	65	59	59	65	67	68	70	68.
Fayetteville	Maximum	91	97	96	96	101	99	95	95	90	86	83	87	90	92	92	92	90	85	83	85	86	87	91	90	88	82	88	92	89	91	93	90.
	Minimum	57	74	77	74	78	66	68	67	69	68	69	70	74	77	73	76	71	68	62	64	65	64	66	68	69	60	59	60	69	69	69	68.
Fordyce	Maximum	..	91	96	100	97	97	95	91	93	92	89	93	93	94	94	96	97	98	..	91	87	90	93	94	93	87	88	88	85	88	95	92.
	Minimum	..	63	71	74	70	71	70	68	72	72	71	70	73	75	75	74	75	76	..	69	73	71	69	70	72	71	69	70	71	72	71	71.
Fort Smith***	Maximum	94	98	98	99	100	94	95	93	95	83	90	93	95	96	97	96	96	98	88	87	90	93	94	93	95	89	91	95	80	87	93	93.
	Minimum	66	72	79	79	68	69	74	72	72	72	72	71	74	78	77	79	77	77	66	72	71	71	71	73	74	73	69	74	73	70	74	72.
Gilbert	Maximum	90	88	97	95	99	98	91	91	89	90	88	89	92	92	95	95	95	96	86	86	85	85	89	92	92	89	87	86	89	89	94	90
	Minimum	57	60	67	65	67	65	64	62	63	65	66	64	65	64	65	65	65	69	63	63	61	60	59	62	64	59	56	57	62	62	62	62
Grannis	Maximum	88	93	93	94	96	84	93	88	92	82	87	88	90	89	90	92	92	94	87	76	87	88	90	89	88	88	87	89	81	85	91	88
	Minimum	57	60	65	67	66	64	65	62	63	69	67	66	68	69	68	69	67	68	70	69	66	63	65	65	65	67	68	70	69	70	68	66
Gravette§§	Maximum	94	99	95	101	105	98	99	93	95	85	88	94	96	97	97	96	93	92	85	89	96	89	93	93	93	86	91	97	88	95	94	93
	Minimum	59	65	73	72	73	66	69	69	68	70	67	69	71	74	72	74	69	68	63	64	65	65	66	69	69	59	60	67	69	69	71	67
Green Mountain	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	89	89	85	81	82	84	88	88	89	86	81	85	..	89	92	93	..
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	74	74	69	65	65	66	66	68	71	67	63	64	..	68	79	73	..
Harrison	Maximum	92	96	100	100	100	100	95	95	95	91	90	92	95	96	98	97	94	89	85	84	87	90	93	93	94	80	85	91	89	94	95	92
	Minimum	59	66	70	71	70	70	62	63	62	65	69	69	70	73	70	71	72	69	66	65	63	62	62	66	65	60	57	60	69	69	67	66
Helena	Maximum	82	89	93	86	86	92	91	87	92	91	85	89	90	90	89	92	94	90	85	89	86	88	90	94	89	80	85	86	86	89	93	88
	Minimum	55	68	72	74	69	70	69	65	71	70	71	72	73	75	74	74	75	70	73	68	65	66	65	68	71	69	62	60	60	66	70	68
Highland	Maximum	91	95	96	96	98	93	92	89	96	96	93	91	95	96	95	95	96	96	95	97	94	95	97	96	90	93	90	91	95	96	94	94
	Minimum	63	68	70	73	72	65	70	62	69	70	68	66	66	72	74	73	71	74	73	76	69	76	77	68	68	78	66	75	78	66	71	70
Hope §§	Maximum	90	95	96	96	95	90	94	90	92	90	91	93	93	94	94	95	95	96	92	82	88	90	92	94	90	90	91	95	84	86	94	91
	Minimum	62	68	72	72	70	71	67	66	68	70	70	68	72	74	75	74	74	76	76	74	72	67	68	68	74	70	72	70	73	72	70	70
Hot Springs	Maximum	94	100	100	101	102	99	99	91	95	90	93	98	97	98	98	102	102	102	88	84	95	93	98	97	93	94	94	96	85	92	99	95
	Minimum	61	67	75	75	67	64	70	67	69	71	68	68	72	75	75	75	75	73	75	70	69	65	68	67	70	68	68	68	70	70	70	69
Jonesboro	Maximum	85	90	91	91	93	92	90	89	92	89	88	92	94	94	95	94	95	88	85	84	87	89	92	93	88	85	87	88	92	94	95	90
	Minimum	56	66	74	68	73	69	70	65	70	71	70	72	73	74	74	74	72	71	66	65	64	65	64	65	73	67	61	61	63	65	69	68
Lead Hill	Maximum	92	98	97	102	97	92	84	83	91	87	88	95	98	97	97	100	94	81	78	84	88	89	92	92	91	84	88	91	91	97	96	91
	Minimum	58	64	70	70	70	67	66	65	64	69	68	69	70	71	69	69	72	69	66	65	61	63	62	66	66	58	55	57	67	67	67	6
Little Rock.* **	Maximum	86	93	95	93	93	90	90	88	92	88	88	89	91	92	92	93	94	93	83	85	88	90	91	94	85	84	88	90	78	87	95	89
	Minimum	66	69	75	70	70	72	74	69	74	71	70	71	74	75	75	74	76	73	75	70	71	71	71	72	72	71	69	70	69	71	73	71
Little Rock [Airway]	Maximum	87	95	95	93	94	91	92	90	95	91	91	94	96	95	97	98	97	95	84	85	89	92	94	94	88	86	90	92	86	92	98	92
	Minimum	61	66	74	74	73	70	71	63	72	72	70	69	74	75	75	74	74	74	75	69	68	67	66	67	72	71	63	64	67	68	69	69
Lutherville	Maximum	90	98	97	98	100	93	93	98	94	85	87	92	95	94	96	95	96	91	88	87	89	90	93	93	92	88	91	93	84	91	93	
	Minimum	61	67	78	72	60	65	72	69	69	73	69	68	74	75	74	73	74	73	67	69	66	65	66	68	70	69	63	68	68	70	71	
Magnolia	Maximum	90	95	96	95	97	98	94	91	94	91	91	92	92	93	94	94	95	97	94	91	85	88	93	94	93	92	93	94	95	90	94	
	Minimum	64	66	70	74	72	70	67	65	70	68	68	71	73	74	74	74	73	75	74	70	69	69	68	67	73	72	69	73	68	66	70	
Mammoth Spring	Maximum	87	92	92	93	92	91	91	90	94	90	88	90	92	93	95	93	92	89	84	85	87	88	90	91	89	85	86	88	90	91	94	
	Minimum	57	67	69	70	68	69	67	67	70	69	63	71	71	72	73	74	73	70	64	64	63	65	64	65	71	61	61	63	65	68	69	
Marianna	Maximum	84	91	92	89	89	91	89	85	91	87	90	90	91	92	92	94	94	90	90	90	87	88	90	91	89	89	84	85	87	90	93	
	Minimum	58	67	73	68	68	72	70	68	74	73	72	72	73	75	74	75	77	72	72	69	68	66	67	68	69	69	63	63	64	68	72	
Marked Tree§§	Maximum	84	89	90	83	97	97	91	88	92	89	85	91	94	93	93	95	93	88	83	85	86	89	92	93	86	84	86	88	90	93	95	
	Minimum	56	67	73	72	66	72	71	67	72	69	72	72	73	73	73	76	69	70	67	66	64	66	66	67	71	68	61	60	60	64	70	
Mena	Maximum	92	97	96	97	98	95	93	90	94	86	89	91	93	92	89	95	95	96	89	81	90	91	95	92	93	86	88	95	88	88	92	
	Minimum	60	68	73	72	72	65	68	64	69	70	69	67	72	72	72	72	72	71	68	70	69	67	69	67	72	64	68	71	70	70	71	
Monticello	Maximum	85	93	96	96	97	95	88	91	94	89	90	92	93	94	94	94	96	96	94	86	85	90	90	93	86	89	88	88	82	87	94	
	Minimum	58	66	70	73	76	70	71	68	72	70	70	71	72	74	74	73	72	75	74	70	71	68	70	69	73	71	66	68	68	69	69	
Morrilton	Maximum	90	100	99	100	99	94	94	89	94	90	94	92	94	95	97	96	98	94	86	85	90	93	97	96	89	89	90	92	85	91	96	
	Minimum	61	68	75	74	72	70	71	67	69	72	69	70	68	73	74	77	74	72	70	69	66	65	65	67	71	71	63	65	68	69	71	
Mountain Home	Maximum	90	99	95	101	95	94	93	90	93	91	90	93	97	95	97	99	96	85	85	85	88	91	93	94	92	84	89	92	88	95	99	
	Minimum	57	64	68	70	68	68	67	66	67	68	69	68	69	70	68	71	73	70	64	66	62	62	61	64	66	59	58	64	64	66	68	
Mt. Ida	Maximum	88	93	98	98	101	91	80	86	92	80	89	91	93	93	94	96	94	96	91	88	90	93	94	94	87	84	87	92	80	80	92	
	Minimum	56	63	68	73	69	64	67	64	65	64	69	65	69	74	75	74	70	68	72	71	66	64	63	63	65	67	66	69	69	69	69	
Newport	Maximum	85	91	93	94	91	94	91	96	94	90	88	92	98	96	97	95	98	87	86	86	87	90	94	94	91	89	90	91	91	95	100	
	Minimum	57	66	76	75	72	70	70	66	70	71	72	71	74	73	74	76	76	73	70	68	63	63	63	64	71	69	59	62	62	65	69	
Okay	Maximum	90	95	97	95	97	91	98	88	94	90	91	93	94	95	96	96	96	100	94	90	86	91	94	95	93	89	91	98	89	87	96	
	Minimum	63	64	68	73	72	71	68	66	59	70	70	67	72	73	74	73	72	73	74	76	72	68	69	69	72	70	71	75	74	73	71	
Ozark	Maximum	94	100	94	101	102	99	93	82	95	85	85	92	96	96	99	96	98	96	87	87	90	93	96	94	90	92	93	98	84	90	95	
	Minimum	62	66	70	70	73	65	73	70	68	70	69	68	70	72	70	73	72	74	65	68	68	67	66	68	71	70	63	70	72	68	72	
Pine Bluff	Maximum	83	90	93	93	93	91	88	88	82	88	87	90	93	94	93	93	94	95	90	84	89	92	92	94	89	84	90	92	83	85	95	
	Minimum	68	68	74	76	71	72	74	69	74	73	72	72	75	77	76	75	75	78	76	73	73	70	72	71	73	74	79	68	70	71	71	
Pocahontas	Maximum	86	92	92	92	93	92	93	89	93	90	87	92	93	93	95	92	94	88	85	86	88	89	91	92	89	87	87	89	91	94	97	
	Minimum	55	65	71	69	70	69	71	66	69	71	70	72	73	73	73	74	71	68	65	65	63	64	64	64	70	63	62	60	62	65	70	
Portland	Maximum	85	94	95	95	98	92	90	89	92	90	90	95	95	95	94	95	97	98	93	86	83	90	98	91	94	89	86	88	86	90	92	
	Minimum	57	61	66	71	74	67	71	68	69	71	69	72	70	71	71	70	71	74	71	66	68	67	68	68	70	70	70	68	67	71	70	
Prescott	Maximum	92	97	99	98	99	95	64	91	95	93	93	94	95	96	97	97	97	98	95	90	88	92	94	95	92	89	90	94	91	83	94	
	Minimum	63	66	70	74	73	70	69	66	69	72	68	68	73	74	74	74	73	74	75	71	71	67	69	69	72	68	67	73	72	71	70	

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding

Weather Bureau Office, Little Rock, Ark. 10-7-37-11

Daily temperatures for July, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Rogers	Maximum	91	95	94	99	101	94	94	86	94	84	85	89	92	95	95	91	90	86	81	87	87	89	92	90	90	83	89	91	84	89	92	90.2
	Minimum	58	70	75	74	78	65	69	68	66	67	67	68	74	75	71	71	70	68	63	63	63	63	64	58	68	59	59	66	68	69	69	67.6
Russellville [Evap]	Maximum	91	99	98	105	102	98	95	91	94	93	90	92	95	96	96	95	98	93	62	87	90	93	96	100	92	91	92	94	92	89	96	94.4
	Minimum	62	71	73	79	79	66	72	69	69	74	71	70	72	72	72	75	72	74	69	70	67	66	66	..	70	71	62	66	71	71	..	70.4
St. Charles	Maximum	84	92	93	95	94	96	96	91	95	93	95	94	93	94	95	96	96	95	92	86	89	89	92	92	92	82	86	87	86	91	93	91.7
	Minimum	57	62	66	..	..	..	73	..	..	..	..	..	..	..	..	..	76	..	73	70	69	66	65	67	71	69	64	62	65	68	70	.. .
Searcy	Maximum	87	97	95	98	91	95	94	91	96	92	89	92	95	94	95	97	98	90	85	87	90	93	95	96	92	87	91	92	87	95	98	92.7
	Minimum	59	65	73	74	73	70	70	67	70	72	71	70	72	73	74	74	74	74	69	67	64	64	64	66	69	71	60	61	65	65	70	68.7
Stuttgart	Maximum	84	87	94	89	97	94	92	91	94	92	91	93	96	97	97	98	98	97	88	89	91	94	95	96	92	86	91	94	87	93	97	92.7
	Minimum	59	69	70	70	74	70	71	67	71	71	70	70	73	74	73	74	74	74	73	69	68	66	66	68	70	70	64	62	67	67	70	69.5
Stuttgart...[Evap]	Maximum	84	92	94	93	84	94	90	88	92	88	89	92	94	95	94	96	99	95	87	86	90	90	93	94	90	82	86	89	86	91	96	90.7
	Minimum	58	66	70	71	72	70	70	67	73	72	71	72	72	74	73	74	74	76	74	70	68	66	65	66	71	72	64	62	66	67	70	69.5
Subiaco	Maximum	94	100	101	101	102	95	95	92	94	83	90	92	97	97	99	97	98	98	88	90	93	95	98	97	96	92	95	99	91	92	97	95.1
	Minimum	61	66	76	77	69	65	71	68	67	72	69	68	72	74	72	78	75	75	65	68	66	64	65	67	72	70	62	69	75	68	71	69.6
Texarkana	Maximum	89	90	95	95	97	92	94	88	93	86	83	90	92	93	93	94	96	96	93	88	85	89	90	94	93	91	93	97	90	85	90	91.4
	Minimum	68	68	72	74	74	73	70	67	69	70	70	69	73	73	73	74	74	75	75	70	69	70	69	71	73	73	71	73	75	75	71	71.6
Thornburg	Maximum	91	100	99	101	102	95	93	91	96	91	91	94	95	95	95	97	98	97	87	88	93	94	95	96	95	91	95	96	85	90	96	94.3
	Minimum	56	72	73	75	69	66	65	64	65	72	68	66	76	74	74	75	77	72	70	62	60	58	58	60	70	69	57	64	69	65	66	67.3
Warren	Maximum	86	94	96	96	97	97	97	91	93	91	89	93	94	95	95	96	97	98	95	91	85	90	92	93	91	88	88	88	85	86	94	92.3
	Minimum	61	66	71	74	77	70	66	68	72	71	71	72	74	75	74	74	74	76	74	69	72	69	70	69	72	72	68	71	70	71	70	71.1
Wilson	Maximum	83	87	87	92	92	93	90	88	91	91	89	88	92	91	92	92	92	85	84	84	85	87	89	90	90	89	84	85	87	90	92	88.7
	Minimum	54	66	75	67	74	71	72	69	72	71	73	73	73	75	74	75	72	80	67	65	63	65	65	68	72	68	59	57	56	64	69	68.2
Winslow	Maximum	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
	Minimum	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Wynne	Maximum	85	90	94	88	90	91	90	89	91	88	89	91	94	94	94	95	94	90	85	85	87	89	91	93	91	87	88	88	91	94	96	90.4
	Minimum	52	64	73	73	68	69	67	64	70	69	68	69	69	72	71	73	72	71	69	63	61	59	61	62	69	68	56	56	57	63	67	66.0

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for July, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.331	.291	.337	.693	.205	.192	.211	.232	.207	.240	.274	.251	.212	.320	.287	.331	.341	.292	.389	.302	....	....	.228	.204	.279	.157	.260	.193	.257	.090	.083	8.219
	Mean tem.	76	82	84	84	82	80	80	78	80	80	80	80	82	84	84	84	84	86	84	78	80	78	80	81	82	80	82	82	78	79	82	81.2
	Wind move	39	26	40	78	24	85	28	29	24	24	38	30	45	63	72	69	53	38	76	43	22	19	26	14	28	39	47	25	28	21	16	1,209
Russellville [Ozark Nursery]	Evap.	.286	.432	.356	.294	.494	.446	.268	.308	.236	.268	.206	.256	.368	.400	.360	.276	.378	.176	.188	.218	.280	.194	.400	.222	.314	.294	.316	.290	.170	.118	.251	9.068
	Mean tem.	76	85	86	92	90	82	84	80	82	84	80	81	84	84	84	85	85	84	80	78	78	80	81	..	81	81	77	80	82	80	..	82.4
	Wind move	38	57	43	58	121	30	38	37	31	32	47	53	80	90	80	55	69	17	52	36	30	33	27	32	38	49	31	40	24	38	29	1,426
Stuttgart [Rice Exp. Farm]	Evap.	.284	.232	.280	.274	.267	.084	.177	.126	.175	.234	.182	.186	.230	.310	303	.348	.332	.296	.156	.152	.173	.238	.222	.243	270	.134	.119	.254	.201	.123	.204	6.809
	Mean tem.	71	79	82	82	78	82	80	78	82	80	80	82	83	84	84	85	86	86	80	78	79	78	79	80	80	77	75	76	76	79	83	80.1
	Wind move	41	33	73	74	96	37	18	21	33	42	64	41	64	85	109	90	78	16	108	51	24	19	23	18	44	47	31	32	21	13	26	1,472

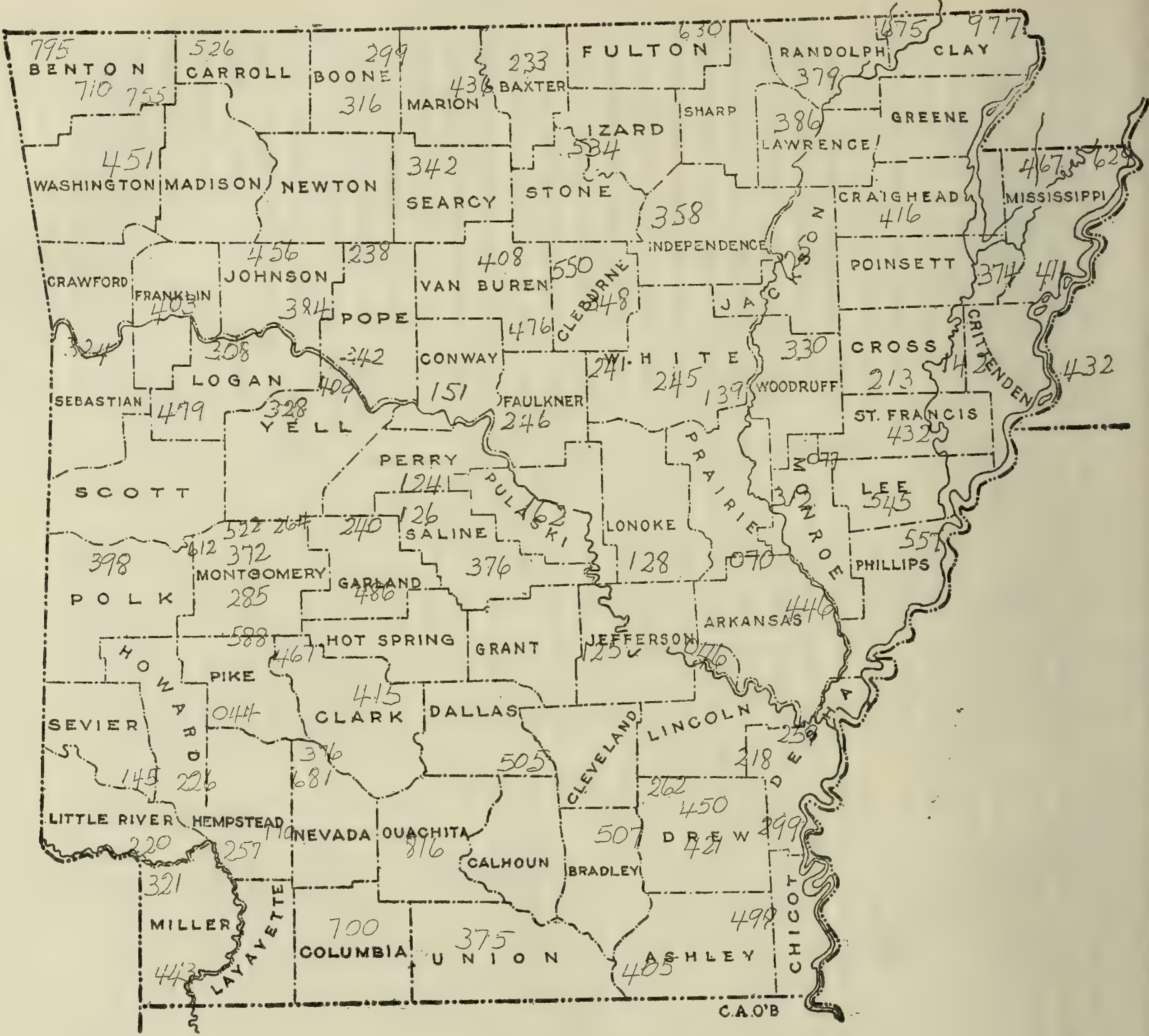
Daily River Stages for July, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.8	6.7	6.4	6.2	6.2	6.0	7.1	6.8	6.3	6.2	6.1	5.9	5.7	5.6	5.6	5.4	5.2	5.1	5.0	5.8	8.2	12.3	13.4	14.0	13.1	11.0	9.0	8.2	7.7	7.6	7.1
Van Buren	do	22	6.8	6.6	6.4	6.2	6.0	5.8	6.9	6.6	6.1	5.9	5.8	5.5	5.4	5.3	5.2	5.0	4.8	4.6	4.5	5.0	7.3	11.8	12.9	13.7	13.0	11.0	9.0	7.9	7.4	7.2	6.7
Danville	Petit Jean	20	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.7	2.8	2.8	2.4	2.3	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.8	2.6	3.8
Ozark	Arkansas	22	2.6	2.4	2.2	2.0	1.8	1.7	1.6	1.6	1.3	1.6	1.8	1.5	1.3	1.2	1.2	1.2	1.0	1.0	0.9	0.8	1.2	6.6	7.8	9.4	9.4	7.8	5.7	4.0	3.4	3.0	3.3
Dardanelle	do	22	5.7	5.4	5.1	4.9	4.7	4.6	4.6	4.6	5.4	5.0	4.8	4.8	4.4	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.8	3.8	9.2	10.9	12.0	11.5	9.9	8.1	6.9	6.2	6.2
Morrilton	do	20	2.3	2.0	1.7	1.4	1.3	1.2	1.1	0.9	1.3	1.6	1.4	1.2	1.0	0.7	0.5	0.3	0.2	0.1	0.0	-0.2	-0.3	-0.3	2.6	6.5	8.4	8.5	7.2	5.4	3.7	2.7	2.2
Little Rock.	do	23	2.6	2.2	1.9	1.6	1.4	1.2	1.2	1.1	0.9	1.3	1.5	1.4	1.3	1.1	0.8	0.5	0.3	0.2	0.2	0.0	-0.1	-0.2	-0.3	3.5	6.5	8.0	7.8	6.4	4.8	3.6	2.7
Pine Bluff	do	25	7.1	6.7	6.3	6.1	5.8	5.6	5.4	5.3	5.2	5.1	5.4	5.5	5.5	5.3	5.1	4.9	4.7	4.4	4.4	4.3	4.2	4.1	4.1	4.1	8.4	11.3	12.4	11.8	10.2	8.7	7.4
Gilbert	Buffalo	30	3.2	3.3	3.2	3.2	3.4	3.2	3.1	3.1	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0	2.9	2.9	3.2	3.8	3.8	3.5	3.3	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8
Doniphan, Mo.	Current	16	2.7	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.7	2.6	2.5	2.4	2.4	2.4	2.4	2.2	2.3	2.3	2.2	2.2
Black Rock.	Black	14	4.5	4.1	3.9	3.7	4.2	4.9	4.7	4.6	4.5	4.4	5.0	6.2	6.0	6.2	6.4	6.3	6.1	6.0	7.0	9.3	8.3	6.0	5.8	4.1	3.6	3.4	3.2	3.0	2.8	2.7	2.6
Ozark Beach Mo	White	30	1.3	-0.7	-0.7	1.2	-0.8	-0.6	-0.6	1.1	-0.7	-0.7	1.2	-0.7	-0.7	1.2	-0.7	-0.7	-0.7	-0.6	0.6	2.0	1.8	2.4	1.2	-0.2	-0.7	1.2	1.2	0.7	0.6	0.7	0.7
Cotter	do	21	3.8	3.8	3.8	3.8	4.1	4.5	4.0	3.7	3.5	3.5	3.8	4.1	4.0	3.6	3.5	3.5	3.5	3.5	3.7	3.8	4.8	4.6	4.5	4.5	4.5	4.0	3.5	3.5	3.5	3.7	3.7
Calico Rock.	do	18	1.6	1.5	1.5	1.7	1.3	3.1	1.6	1.3	1.2	1.0	1.2	2.0	2.1	1.3	1.2	1.2	1.2	1.2	1.7	3.2	3.0	3.0	2.4	2.7	2.0	1.9	1.5	1.2	1.1	1.2	1.3
Batesville	do	23	6.7	6.2	6.2	6.2	7.0	6.4	7.5	6.3	6.0	5.9	6.9	6.3	6.6	6.7	6.0	5.8	5.8	5.8	5.7	6.2	7.5	8.2	7.8	7.7	7.5	7.0	6.7	6.0	5.7	5.7	5.7
Newport.	do	26	5.1	4.6	4.0	3.6	3.5	4.8	4.6	4.6	3.8	3.5	3.5	4.6	5.0	4.9	4.7	4.3	4.1	4.1	4.0	4.5	6.0	6.7	6.5	5.5	5.0	4.4	3.8	3.2	2.8	2.4	2.2
Georgetown	do	21	8.5	8.0	7.6	6.9	6.2	5.7	5.7	6.4	6.6	6.2	5.9	5.6	5.6	6.3	6.5	6.3	6.2	5.9	6.0	6.0	5.9	6.8	7.8	8.2	7.9	7.2	6.8	6.0	5.5	5.0	4.6
Clarendon	do	26	19.9	18.8	17.8	16.9	16.1	15.4	14.6	14.1	14.0	14.1	13.9	13.6	13.2	13.0	13.1	13.3	13.3	13.3	13.1	13.0	12.9	12.9	13.1	13.8	14.4	14.7	14.6	14.2	13.8	13.2	12.7
Arkadelphia	Ouachita	17	5.4	4.0	3.7	3.7	3.6	3.6	3.5	3.4	5.5	4.5	4.1	3.7	3.6	3.8	3.6	3.6	3.6	3.5	3.4	3.4	3.5	4.1	3.9	3.6	3.6	3.4	3.3	3.3	3.8	3.8	3.9
Camden	Ouachita	26	5.3	5.3	5.2	4.7	4.2	4.0	4.0	3.9	3.8	3.8	4.8	5.1	4.7	4.5	4.3	4.2	4.5	4.4	4.3	4.3	4.3	4.2	4.4	4.9	4.6	4.5	4.4	4.2	4.1	4.1	4.3
Whitecliffs	Little River	25	2.8	1.9	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	1.0	1.0	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
ndex	Red	25	9.2	8.8	8.6	8.5	8.2	8.3	8.2	8.2	8.0	7.8	7.8	7.7	7.6	7.4	7.3	7.2	7.2	7.2	7.2	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9	7.0	7.0	6.9	6.8
Fulton	do	25	8.8	8.4	8.1	7.8	7.6	7.4	7.3	7.3	7.2	7.0	6.8	6.7	6.6	6.5	6.4	6.2	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.5	5.4	5.4	5.6	5.8	5.7	5.6
Big Lake Outl't	Little River.	10	7.1	6.7	6.4	6.1	6.6	8.1	9.8	10.6	11.0	11.1	11.1	10.9	10.7	10.3	9.8	9.4	9.0	8.4	8.2	7.9	7.7	7.5	7.4	7.1	6.9	6.7	6.6	6.4	6.2	6.0	5.8
St. Francis	St. Francis.	18	5.5	5.3	5.1	15.2	17.7	18.1	18.4	18.3	18.3	18.4	18.2	17.3	16.0	14.9	11.3	7.4	7.2	6.6	6.9	6.6	6.3	5.9	5.6	5.4	6.8	8.1	8.4	8.0	7.5	5.9	5.1
St. Francis L.L.	do	..	22.6	22.4	22.2	22.1	21.9	21.8	21.8	21.9	22.1	22.3	22.6	22.8	23.1	23.4	23.5	23.6	23.7	23.7	23.7	23.6	23.5	23.2	23.0	22.8	22.6	22.4	22.2	22.0	21.9	21.8	21.6
Marked Tree	do	17	1.8	1.7	1.7	1.6	1.7	1.7	2.0	2.2	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	2.4	2.4	2.0	1.9	2.3	2.2	2.2	1.9	1.6	1.6
Parkin	do	28	7.5	7.1	6.9	6.5	6.1	6.0	5.7	5.5	5.6	5.5	5.4	5.4	5.4	5.5	5.7	6.0	6.4	6.7	7.2	7.6	7.8	8.0	8.1	8.0	7.8	7.6	7.2	6.8	6.5	5.9	5.6
Madison	do	32	10.0	9.6	9.2	8.9	8.7	8.5	8.2	8.0	7.7	7.4	7.1	7.0	7.0	7.1	7.3	7.7	8.1	8.6	9.1	9.4	9.7	9.9	10.0	10.0	9.9	9.6	9.2	9.8	8.3	7.9	7.3
Helena	Mississippi.	42	21.8	22.0	22.7	23.5	24.2	24.7	24.5	24.1	23.2	21.7	19.7	18.1	17.3	16.7	15.9	15.2	14.6	14.7	14.8	15.1	15.7	16.7	17.5	18.0	18.1	18.0	17.5	17.1	16.6	15.7	14.2
Arkansas City.	do	42	19.6	19.1	18.8	19.0	19.4	19.8	20.1	20.1	19.7	19.2	18.0	16.6	15.1	14.1	13.4	12.6	11.9	11.3	11.0	11.0	11.2	11.6	12.2	12.9	13.6	13.8	14.0	15.0	14.9	14.5	13.6

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a}, ^{b}, ^{c}, number of days missing. †Also on other dates. ‡‡P. O ddresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Freeman Springs, Dover; Index, Route 5, Texarkana. utherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24 hours ending 7 a.m. *Included in next measurement. Data in italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for July, 1937



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII Little Rock, Ark., August, 1937 No. 8

Price: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

Temperatures were nearly continuously above normal in August but as in July departures were higher in northwestern and central portions than along the Mississippi River and in southeastern sections. The mean temperature was below normal for only two days at Ft. Smith and three days at Little Rock during the entire month. The average temperature for the State, based on the reports of 67 stations, was 82.3° which is 2.3° above the 47-year mean. Of the stations with records of 10 years or more, only four in the southern portion had negative departures. Monthly means ranged from 76.3° at White Rock in the Ozarks to 85.3° at Hot Springs. The highest temperature reported was 111° at Conway on the 10th; the lowest, 55° at Lead Hill on the 13th. The greatest daily range was 46° at Gilbert on the 10th.

Rainfall was light and scattered the first half of the month in many sections while it was general in nearly all portions of the State from the 21st to the 24th. The average precipitation for the 98 stations reporting was 3.45 inches which is 0.13 inch below the 47-year mean. Of the stations with records of 10 years or more, 30 had positive departures and 44 negative. Monthly totals ranged from 0.22 inch at Corning in the extreme northeastern portion of the State to 12.69 inches at De Queen in the extreme southwestern portion, with seven other stations reporting less than one inch. The greatest amount measured in any 24-hour period was 5.02 inches at DeQueen on the 23d and in 48 hours 9.90 inches at the same place on the 22d and 23d. The average number of rainy days was 7.

The weather was too hot and dry for cotton in much of the uplands of the State during the first three weeks of August, the high temperatures of the second week causing considerable shedding where soil moisture was deficient, but in the heavy cotton producing areas conditions were much more favorable. Picking began in a few localities the first week of the month, two bales being ginned on the 4th in the southeastern portion of the State, but not enough cotton was open for picking to become general until after the middle of the month. The early corn crop was nearly matured in most sections before the high temperatures of the 10th, but in some localities some damage occurred. The general rains from the 21st to the 24th were very beneficial for late corn but in many sections of the uplands considerable damage had already occurred. Meadows, pastures, and truck crops were also damaged by the hot, dry weather during the second week but in nearly all portions there was sufficient moisture the latter half of the month for good growth. The weather was favorable for rice in most portions of the belt and the early crop was about ready for harvest the latter part of the month. Late potatoes were being planted at the close of the month and apples were in excellent condition.

Corrections:--June, 1937

Camden, wind direction should be SE. Rock Springs, page 32, total precipitation should be 5.74 inches. State mean, page 31, period 4.95 inches; departure +0.91.

For windstorms, etc., see page 48.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.		.	.	.	.		.	.	.	.	3	.	.	.	1	3	3	6	.	.	.	.	.	3
Light Hail	.	..	.	.	.	1	.		.		.	1	.	.	.	.	.	.	.	.	.		.	.	.	.	.	.	..	..	..
Moderate Hail	..	.	.	.		.	.		.	.	.	.				.	.	..	.		..		.	.	.	..		.	.		..
Thunderstorm	9	3	2	12	16	2	..	..	11	15	23	14	7	3	13	9	16	1	2	4	17	11	7	3	..	1	8	2	7	6	13

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m	
Bentonville	29.92	30.14	16	29.71	8	4.9	21	n.	4	..	.	..	77
Fort Smith	29.96	30.18	16	29 76	9	6.6	19	ne.	4	84	52	51	56
Little Rock	29.98	30.21	16	29.78	9	6.4	21	sw	9†	85	52	59	68
Memphis	30.00	30.21	16	29.79	9	6.7	21	ne	12	81	61	62	62

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	8
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78 1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.73	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	8.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82 6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4 08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80 4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.48	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.0	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	48	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	8	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0.0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	12	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
Period	80.4	106	52	3.71	0 0	7	14	12	5

Climatological Data for August, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	81.8	...	103	12	64	18	35	3.24	..	1.11	0.0	7	14[a]	11[a]	5[a]	se.	L. R Water Works
Amity	Clark	500	42	82.4[a]	+1.7	105[a]	10	67[a]	6†	31[b]	1.70	-2.25	0.50	0.0	9	5[a]	24[a]	1[a]	...	J. W. Campbell
Arkadelphia	Clark	200	42	...	...	...	...	...	...	...	4.42	+0.79	2.96	0.0	8	15	13	3	s.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	53	...	...	...	...	...	...	...	4.32	+0.36	0.94	0.0	10	20	4	7	...	Herbert Neff
Batesville	Independence	277	38	83.4	+4.4	108	9	63	14	34	2.30	...	1.91	0.0	8	16	9	6	s.	Airway Observer
Bee Branch	Van Buren	700	45	82.2	+2.5	105	10	65	6	34	4.36	+0.33	1.30	0.0	6	9	16	6	w.	J. E. Scanlan
Benton	Saline	285	2	...	...	...	...	...	...	...	3.67	...	1.07	0.0	7	20	5	6	...	S. A. Burks
Bentonville	Benton	1295	32	80.4	+3.6	98	9	60	13	29	3.13	-0.93	1.83	0.0	4	9	19	3	s.	U. S. Weather Burea
Big Lake Outlet. ‡‡	Mississippi	239	7	...	...	...	...	...	...	...	0.29	...	0.17	0.0	3	21	2	8	...	C. J. Brooks
Black Rock	Lawrence	259	36	...	...	...	...	...	...	...	0.98	-3.13	0.38	0.0	3	23	2	6	s.	Vernon C. Howe
Blytheville	Mississippi	252	12	81.5	+1.9	100	10	61	14	30	0.81	-4.10	0.59	0.0	5	26	4	1	s.	Samuel Norris
Booneville	Logan	465	23	84.2	+2.1	107	10	68	29	35	2.05	-2.03	0.74	0.0	8	7	19	5	s.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	...	...	...	...	...	...	...	4.41	...	1.27	0.0	8	15	1	15	...	Harry Buie
Brinkley	Monroe	205	50	...	...	109	10	...	...	...	4.78	+1.11	3.13	0.0	9	6	16	9	se.	R. J Torry
Calico Rock	Izard	361	33	...	...	...	...	...	...	...	3.04	-1.32	1.08	0.0	6	19	2	10	...	William Jones
Camden	Ouachita	116	52	82.8[a]	+2.2	100[b]	10†	67	6	30[b]	2.80	-0.48	0.97	0.0	4	10	10	11	s.	J M. Knight
Clarendon	Monroe	172	33	...	...	...	...	...	...	...	1.74	-1.94	0.57	0.0	7	13	8	10	s.	R. M. Wheatley
Clinton	Van Buren	516	16	...	...	...	...	...	...	...	3.95	-0.63	1.20	0.0	6	18	8	5	s.	A L. Stephens
Conway	Faulkner	309	54	84.6	+3.0	111	10	68	6†	39	3.36	-0.20	1.39	0.0	9	16	10	5	s.	E. E. Cordrey
Cornerstone. ‡‡	Jefferson	195	26	81.0	+0.3	103	10	62	8	36	4.40	+1.63	1.29	0.0	7	20	8	3	sw.	P. B. Hutchens
Corning	Clay	293	44	82.0	+3.5	101	9†	58	14	34	0.22	-4.07	0.09	0.0	4	19	10	2	se.	Winfred D. Polk
Cotter	Baxter	440	10	...	...	...	...	...	...	...	2.88	-0.54	0.98	0.0	7	23	2	6	...	O. B. McSpadden
Crosset (near)	Ashley	175	25	81.6	-0.4	101	10	61	19	31	2.78	-0.54	1.16	0.0	6	9	18	4	sw.	U. S. Forest Service
Danville	Yell	327	21	...	...	...	...	...	...	...	2.50	-1.54	0.84	0.0	7	18	8	5	...	J. M. Patterson
Dardanelle	Yell	330	51	84.4	+3.6	110	10	68	13†	37	3.57	-0.06	1.52	0.0	8	3	23	5	nw.	Geo. N. Goodier
De Queen	Sevier	426	2	83.3	...	104	10	66	6	32	12.69	...	5.02	0.0	11	19	4	8	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	1	79.7	...	102	10	65	13	26	1.69	...	0.85	0.0	6	19	8	4	ne.	U. S. Forest Service
Dumas	Desha	162	32	84.0	+2.5	107	10	67	5†	34	6.25	+2.66	1.61	0.0	12	4	18	9	n.	Ben Johnson
El Dorado	Union	270	37	83.2	+1.0	101	10	69	6	27	4.59	+1.59	1.59	0.0	14	14	11	6	s.	Mrs. E. W. Gaston
England	Lonoke	229	31	82.6	+1.8	105	10	67	6	31	2.44	-1.20	0.56	0.0	9	21	6	4	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	81.2	+2.8	103	10	61	13	32	1.98	-2.99	1.02	0.0	9	22	8	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	80.4	+2.2	102	10	58	13	34	5.75	+1.71	2.96	0.0	10	13	16	2	ne.	University of Arkans
Fordyce	Dallas	190	9	83.2	...	102	10	68	6†	29	3.59	...	1.86	0.0	7	21	7	3	s.	M. G. Taylor
Fort Smith	Sebastian	448	13	84.6	+4.1	107	10	68	13	30	1.27	-2.01	0.43	0.0	8	9	16	6	e.	U. S. Weather Bure
Fulton	Hempstead	260	52	...	...	...	...	...	...	...	6.74	+3.54	2.53	0.0	4	15	9	7	...	T. J. Logan
Georgetown	White	200	25	...	...	...	...	...	...	...	1.45	+2.26	0.63	0.0	4	22	5	4	...	W. R. Putt
Gilbert	Searcy	600	12	78.8	...	108	10	57	13	46	3.43	-0.45	1.86	0.0	5	23	2	6	...	F. J. King
Glenwood	Pike	547	2	...	...	...	...	...	...	...	2.63	...	0.80	0.0	7	11	7	13	...	C. A. Price
Grannis	Polk	900	18	81.6	+2.2	109	10	62	6	42	7.80	+4.16	3.53	0.0	10	14	13	4	se.	W. E. McVay
Gravette	Benton	1250	40	82.0	+4.4	104	9†	58	13	34	2.51	-1.62	1.28	0.0	6	18	13	0	s.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	1	82.0	...	102	9	67	13†	27	1.50	...	0.85	0.0	5	21	5	5	s.	U. S. Forest Service
Harrison	Boone	1052	37	82.0	+5.0	107	10	57	13	39	0.92	-3.11	0.50	0.0	6	21	9	1	sw.	Louis R. Keck
Helena	Phillips	300	65	80.8	+0.2	98	10	67	6†	25	4.37	+0.55	2.12	0.0	10	12	8	11	ne.	James A. Burnett
Higden	Cleburne	445	18	...	...	...	...	...	...	...	1.60	-2.79	0.72	0.0	3	22	7	2	s.	Trumon Brown
Highland	Pike	491	18	83.2	...	106	10	65	6	36	4.57	...	2.30	0.0	6	7	18	6	w.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	82.0	-0.4	102	10	66	6	29	3.83	+0.86	1.39	0.0	9	..	..	..	...	Experiment Farm
Hot Springs	Garland	600	46	85.3	+4.2	109	10	67	18	35	4.31	+0.49	3.60	0.0	11	7	17	7	s.	National Park Serv
Index ‡‡	Little River	275	20	...	...	...	...	...	...	...	7.50	+4.21	3.00	0.0	7	13	11	7	...	W. E. McDowell
Jessieville	Garland	750	11	...	...	...	...	...	...	...	4.30	+0.78	1.75	0.0	9	0	28	3	...	U. S. Forest Service
Jonesboro	Craighead	345	42	82.6	+2.5	103	10	66	14†	29	1.43	-2.29	0.57	0.0	9	7	15	9	sw.	Benedictine Sisters
Lead Hill	Boone	650	31	81.6	+2.8	109	10	55	13	42	0.93	-3.31	0.65	0.0	6	22	9	0	s.	J. H Crosswhite
LITTLE ROCK.	Pulaski	324	58	83.0	+3.2	106	10	69	6	30	4.68	+0.93	1.39	0.0	12	11	12	8	sw.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	1	83.2	...	105	10	66	6†	33	3.80	...	1.83	0.0	13	11	12	8	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	38	83.7	+4.0	107	10	68	18	33	3.32	-0.53	1.51	0.0	8	15	12	4	se.	H. G. Lenhardt
Madison	St. Francis	209	7	..	...	...	...	...	...	...	2.25	...	0.77	0.0	9	12	3	16	...	J. W. Eppes
Magnolia	Columbia	315	21	82.4	-0.1	98	9†	67	6†	29	4.97	+1.93	2.80	0.0	4	[illegible]	24	3	se.	State Agri. School
Mammoth Spring.	Fulton	600	33	81.6	+4.1	101	10	62	14	34	1.84	-2.43	1.75	0.0	3	13	16	2	s.	S. F. Whittaker
Marianna	Lee	235	26	81.4	+1.4	99	10	69	6†	26	5.39	+2.13	1.88	0.0	10	1	29	1	s.	C. N. Houck
Marked Tree	Poinsett	229	33	82.1	+2.9	101	10	65	14	29	1.95	-1.68	1.78	0.0	4	14	15	2	n.	Charles Walton
Mena	Polk	1207	49	82.6	+2.7	109	10	66	18	54	2.72	-1.62	1.23	0.0	7	9	12	10	ne.	E. W. St. John
Monticello	Drew	273	1	81.8	...	100	10	68	6†	28	5.14	...	1.78	0.0	8	12	15	4	sw.	Airway Observer
Monticello (a)	Drew	273	2	...	...	...	...	...	...	...	6.15	...	2.25	0.0	9	..	..	..	...	Soil Conservation S
Montongo	Drew	...	2	...	...	...	...	...	...	...	3.42	...	1.10	0.0	7	22	0	9	se.	Soil Conservation S
Morrilton	Conway	315	18	83.7	+2.0	107	10	68	6†	32	0.50	-3.10	0.32	0.0	3	1	25	5	sw.	Mrs. Freda M. Asher
Mountain Home	Baxter	800	25	82.2	+4.2	106	9	61	14	37	1.67	-2.61	0.81	0.0	8	20	7	4	...	B. S. Halbert
Mount Ida	Montgomery	702	38	80.4	+1.9	109	10	63	6†	40	2.89	-0.61	0.74	0.0	7	16	10	5	sw.	G. A. Whittington
Newport	Jackson	231	54	83.6	+3.6	106	10	64	14	35	1.73	-2.19	0.80	0.0	7	18	8	5	n.	J. D. Henderson
Norman	Montgomery	687	9	...	...	...	...	...	...	...	3.69	...	1.40	0.0	5	13	10	8	sw.	U. S. Forest Service
Oden	Montgomery	800	10	81.6	...	106	10	65	18	32	1.60	...	0.63	0.0	6	11	17	3	s.	U. S. Forest Servic
Okay	Howard	288	9	83.3	...	105	10	64	6	33	9.23	...	3.90	0.0	9	19	9	3	s.	Charles R. Jackson
Ozark	Franklin	396	42	83.4	+1.7	109	10	63	13	38	1.50	-2.23	0.40	0.0	7	15	10	6	e.	Orkney O. Milton
Paragould	Greene	275	14	...	...	...	...	...	...	...	...	...	...	..	..	..	..	.	...	W. R. Heagler
Parkin	Cross	222	7	...	...	...	...	...	...	...	1.88	...	0.70	0.0	5	17	3	11	...	Carroll King
Patterson	Woodruff	204	21	...	...	...	...	...	...	...	2.52	-1.01	1.26	0.0	4	24	6	1	sw.	W. E. Baker
Pine Bluff	Jefferson	215	50	83.6	+1.8	104	10	69	6†	27	2.66	-0.77	1.08	0.0	7	10	15	6	sw	Miss Theresa Schen
Pine Ridge	Montgomery	840	13	...	...	...	...	...	...	...	...	...	...	...	..	..	.	..	...	J R. Huddleston
Pocahontas	Randolph	300	44	83.0	+3.6	104	9	65	14†	32	0.70	-4.15	0.56	0.0	2	8	18	5	ne.	Benedictine Sisters
Portland	Ashley	122	31	80.5	-0.9	97	4	67	19	26	4.26	+1.05	1.18	0.0	13	12	7	12	sw.	W E. Edmiston
Prescott	Nevada	318	49	82.4	+0.8	104	10	65	5	32	3.60	+0.29	1.30	0.0	9	11	9	11	e.	Craig Williams
Rock Springs ‡‡	Drew	...	2	...	...	...	...	...	...	...	5.57	...	1.75	0.0	7	17	6	8	sw.	Soil Conservation S
Rogers (near) ‡‡	Benton	1300	47	79.5	+2.1	99	10	58	13	32	5.31	+1.41	1.80	0.0	8	16	10	5	sw.	Carl A. Starck
Rosebud. ‡‡	Faulkner	600	3	...	...	...	...	...	...	...	4.08	...	1.36	0.0	7	10	13	8	e.	G. A. Maddox
Russellville [Evap]	Pope	526	25	84.2	+4.3	109	10	66	13	37	3.13	-0.30	1.33	0.0	10	25	0	6	sw.	U. S. Forest Servic
St. Charles	Arkansas	175	4	81.8[b]	...	98	3†	68[e]	29	28[e]	3.86	...	1.15	0.0	10	13	12	6	sw.	U. S. Biological Sur
St. Francis	Clay	290	10	...	...	...	...	...	...	...	1.10	-3.14	0.44	0.0	3	24	2	5	...	A Boyce Boyd, Jr.
Searcy	White	245	27	83.4	+3.3	106	10	65	19	34	4.52	+0.47	1.45	0.0	10	19	6	6	sw.	Walter Smith
Springbank ‡‡	Miller	240	28	...	...	...	...	...	...	...	4.54	+1.44	1.37	0.0	6	19	1	11	...	Henry Field
Story	Montgomery	650	13	...	...	...	...	...	...	...	3.94	+1.10	2.20	0.0	5	23	6	2	s.	S. C. Story
Stuttgart	Arkansas	214	50	83.5	+2.8	106	10	68	6	31	5.29	+1.90	2.05	0.0	9	21	7	3	s.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	2	82.2[b]	...	102[b]	10	68[b]	19	31[d]	1.92	...	0.55	0.0	9	..	..	..	...	Rice Experiment St
Subiaco	Logan	750	40	84.2	+2.6	108	10	66	18	36	3.36	-0.43	2.66	0.0	9	13	14	4	se.	New Subiaco Abbey
Texarkana	Miller	332	52	83.9	+1.6	105	11	66	6	35	7.24	+3.62	2.30	0.0	6	15	10	6	s.	H. S. Brashear
Thornburg	Perry	650	17	82.0	+2.8	110	10	62	6†	40	3.31	-0.74	0.99	0.0	8	10	19	2	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	13	80.1	...	103	10	66	13†	24	3.09	-0.94	1.45	0.0	8	17	8	6	sw.	U. S. Forest Servic
Waldron	Scott	675	18	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	Dr. Cheves Bevill
Warren	Bradley	206	43	82.5	+0.9	102	10	68	6†	28	3.96	+0.43	1.96	0.0	9	4	13	14	sw.	C. N. Turner
Whitecliffs	Little River	290	31	...	...	...	...	...	...	...	5.30	+2.63	1.87	0.0	4	23	2	6	...	L. M. Snead
White Rock ‡‡	Franklin	2285	1	76.3	...	97	10	58	23	33	3.95	...	1.07	0.0	11	8	21	2	se.	Connie Clark
Wilson	Mississippi	237	12	80.8	+2.2	97	10	65	3	28	2.07	-1.85	0.87	0.0	6	22	4	5	s.	D O. Anderson
Wynne	Cross	250	29	81.0	+1.0	102	10	65	1†	34	3.61	-0.10	1.85	0.0	6	8	18	5	s.	B. M. Eddins
Yancopin	Desha	167	13	...	...	...	...	...	...	...	3.26	+0.40	1.01	0.0	12	14[e]	5[e]	7[e]	...	W. E. Barton
State Means				82.3	+2.3	111	10	55	13	46	3.45	-0.13	5.02	0.0	7	15	10	6	s.	

Daily Precipitation for August, 1937

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser	Ouachita									.18	.34													.18	1.04	.36					.03	1.11	3.24
Amity	Ouachita		.12	.06			.29						.04										.27	.50		.18		.10	.14				1.70
Arkadelphia	Ouachita						.19						.02						.21				.16	.19	2.96	.41			.28				4.42
Arkansas City	Mississippi					T.	.94				.05	.55		.25					.62			T.	.41	.27	.30	.90					T	.03	4.32
Batesville	White					.01						.21										1.79	.12		.02					.02	.04	.09	2.30
Bee Branch	Arkansas									T.		1.15											.45	1.30				.11			.30	1.05	4.36
Benton	Saline		.02										.35						1.06				1.07		.12				.61			.44	3.67
Bentonville***	Arkansas				1.13				T.			T.						.07		T.		1.83	T.	.10						T.	T.	T.	3.13
Big Lake Outlet	St. Francis						.17					T.										T.	.07	T.	.05	T.					T.		0.29
Black Rock	White											T.					.32						.38	.28									0.98
Blytheville	St Francis					.12	.03					T		.59									.06	T.								.01	0.81
Booneville	Arkansas				.70							T.									.01	.09	.74	.38	.05						.07	.01	2.05
Boughton	Ouachita						1.27						.01						.06				1.15	.55	.88				.11			.38	4.41
Brinkley	White					.06				.05		.02				3.13	.28	.22				.02	.53	.47	T.								4.78
Calico Rock	White		.06					T.				.03	T						.07				.99	.06	T	.75						1.08	3.04
Camden	Ouachita						.28												.83					.97	.72								2.80
Carthage	Ouachita																																
Clarendon	White		.03			.02												.08					.41	.57	.42				.21				1.74
Clinton	White				T.		T.											.80				1.20	.66	.16				T.			.68	.45	3.95
Conway	Arkansas	.05										.03					.11					.60	.11	.70				.11			.26	1.39	3.36
Cornerstone	Arkansas				T	.68				.09	1.29	T.	.61								T	.63		.92				.18	T.		T.		4.40
Corning	White																						.03	.08	.02							.09	0.22
Cotter	White				.10							T.	.10						.55				.90	.98	.15							.10	2.88
Crossett [near]	Ouachita					72						.26		.10										.38	1.16							.16	2.78
Danville	Arkansas					12	.01						.01					T.	.78				.06	.68	T.				T.			.84	2.50
Dardanelle	Arkansas					.06						.03											.16	1.52	.17			.01	.74			.88	3.57
De Queen	Red					.19						.24	T.				.11	1.71	.01			.05	4.88	5.02	.05	.07		.36					12.69
Devil's Knob	Arkansas		.05		.27							.85										.02									.15	.35	1.69
Dumas	White					1.61				.07		.62		.60				.63	.04			.93	.85	.30	.21	T	.05		T	.34	T.		6.25
El Dorado	Ouachita	T.	.08				T.				.25	.73	.01	.20		.32			.41		.07	.15	.10	1.59	.52	.06	.10						4.59
England	Arkansas				.05	T.				.39		.30	.43									.02	.56	.16	.21			T			T.	.32	2.44
Eureka Springs	White				.35							.33			.03							1.02	.05				.05	.07			.02	.06	1.98
Fayetteville	White				.52										.01	1.30		.54		.17		2.96	.07	.03						.02	.15	T	5.75
Fordyce	Ouachita				T.					.04	T.			29				.26				.15		.97	1.86							.02	3.59
Fort Smith***	Arkansas				.30				T.			T			.01		.01	.42	T	T		.18	.25	T.	T.			.03			.07		1.27
Fulton	Red						T.						.70					T.	2.53		T.		T.	1.62	1.89	T.							6.74
Georgetown	White												T.				T.						.63	.57	.17							.08	1.45
Gilbert	White					T.	.18						.80										.40		1.86							.19	3.43
Glenwood	Ouachita																			.06			.29	.60			.60	.08			.20	.80	2.63
Grannis	Red	.11			.05							.85			T.			1.80	.05			.21	3.53	1.08	.02	T		T.			.10		7.80
Gravette	Arkansas				.21							.08							.60		.09	1.28	.25										2.51
Green Mountain	White				T.		T.				T.	.06					T.	T.				.08	.40	.11	T.						.85	T.	1.50
Harrison	White	.06			.18							.10											.04								.50	.04	0.92
Helena	Mississippi					.03	.04			T.	.18	2.12		.35								.01		37	1.11	.04				.12			4.37
Higden	White																					.72	.62								.26		1.60
Highland	Ouachita											2.30						.36					.42	.41	1.00							.08	4.57
Hope [Evap]	Red						T						.05	.51	.06				25			.20	.15	1.06	1.39				.16				3.83
Hot Springs	Ouachita					.07						24	.03	.11								.02	.05	.05	.04			.01			.09	3.60	4.31
Index	Red						1.25						.75				.20	.25				T	2.00	3.00	.05			T.	T.				7.50
Jessieville	Ouachita	.15	.30			.25										.15		.80				.20	.45								.25	1.75	4.30
Jonesboro	White						T.										23		.17				.05	.57	.25	.10	.03		.02			.01	1.43
Lead Hill	White	.11	T.		.65							.05										.02	.05								.05		0.93
Little Rock****	Arkansas				.02	.01				T.		.52	.02					.09	.14			.67	.72	.18				1.06			.29	.96	4.68
LittleRock Airway	Arkansas				.13	.01						.12						.10	01			.73	1.10	.02	.10			.22	.25		.16	.85	3.80
Lutherville	Arkansas				.15					.15													.31	.09			.07	.64			1.51	.40	3.32
Madison	St. Francis						.05			.09		.77		.50									.23	.18	.16	.17	T				.10	T.	2.25
Magnolia	Red					.10						.35												2.80	1.72								4.97
Mammoth Spg	White							.04				.05											1.75								T.	T.	1.84
Marianna	St. Francis					.10				.60		1.88		.98								.02	1.40	.13	.12						.15	.01	5.39
Marked Tree	St. Francis										T.			.09									T.	.03	.05	1.78							1.95
Mena	Ouachita					T.					.01		.03				T.		41			.12	1.23	.82					T	T.	T.	.10	2.72
Monticello	Ouachita					1.78				T.		.82		.76				T.				.26	T.	.06	1.40	T.				.01	.05		5.14
Monticello (a)***	Ouachita					2.25						.55	.40	.90				.10				.32	.03	.05	1.55								6.15
Montongo	Ouachita					1.10						.58	.50									.56	.30	.23	.15								3.42
Morrilton	Arkansas																		T					.07	T.			.11				.32	0.50
Mountain Home	White				.16		.12											.05					.81	03				.08			10	.32	1.67
Mount Ida	Ouachita				.15																	.74	.45		.04			.44			.50	.57	2.89
Newport	White		.40										T.										.80	.04	.01	.29			.14		T.	05	1.73
Norman	Ouachita																						.79						1.40	.24	26	1.00	3.69
Oden	Ouachita					.11	.04										.32						.63	.31							.19	T.	1.60
Okay	Red					.16						1.12				.01		2.22	.15				3.90	1.21			.18	.28					9.23
Ozark	Arkansas				23	.22												.22					.05	.40	.28			.10					1.50
Paragould	St. Francis																																
Parkin	St. Francis						.34			.70		.36		.33									.15										1.88
Patterson	White											1.26												.73					.22		.31		2.52
Pine Bluff	Arkansas					.31				.14	.02	.02		T.					.22					.87	1.08								2.65
Pine Ridge	Ouachita																																
Pocahontas	White																						.56	.14									0.70
Portland	Ouachita						.35				.43	.75		.21					.04			.20	.65	1.18	.32	.03	.06				.03	.01	4.26
Prescott	Ouachita						1.30						.05	.06				T.	.02	T			.10	.80	1.00	T.			.25		T.	.02	3.60
Rock Springs	Ouachita					.77						.65		1.25				.30				.65		.20	1.75								5.57
Rogers (near)	White		T.		1.80										.06			.78		.40		1.77	.06	.37							.07		5.31
Rosebud	Arkansas											.07										.80	1.36		.82			08			.10	.85	4.08
Russellville	Arkansas				.09							24						.05					.73	.22	.04		.12	1.33			.06	25	3.13
St. Charles	White					1.15						.45					.01		.60			T	.37	.39	.15	.11	.03				.60	T.	3.86
St. Francis	St. Francis					T.	T.					T.					T.	T.					.43	.23	.44				T.			T.	1.10
Searcy	White					.05	1.45				.19		.56							.03			.80	1.07	03				T.		.20	.14	4.52
Springbank	Red						T.			T.		T.	.11			T.	T.		.75	.20		T.	T.	.93	1.37	1.18							4.54
Story	Ouachita																2.20						.63	.33							.32	.46	3.94
Stuttgart	Arkansas					.25				02	.13	1.15		.15					.02			T.	.80	.72	2.05								5.29
Stuttgart [Evap]	Arkansas					T.	.11			.01		.09		.41					.02				.41	.25	.55	.04							1.92
Subiaco	Arkansas				.30							.03	.03									.02	2.66	.03	.01		T.	.03			.25	T	3.36
Texarkana	Red						.70						.80					T.	1.30					1.04	1.10	2.30							7.24
Thornburg	Arkansas	T.				T.						T.	T.			08	.41	.01				.25	.42	T	.99			T.			.65	.50	3.31
Turnpike	Arkansas				.10							.34											.38	.13	.08			.03			1.45	.58	3.09
Waldron	Arkansas																																
Warren	Ouachita					.61				T.		1.96						.38			.30	.08	.05	.25	.19						T	.14	3.96
Whitecliffs	Red																		1.87				.70	1.33	1.40								5.30
White Rock	Arkansas		.33		.79							.16									.17		.03	.25			.10	1.07		.52	.23	.30	3.95
Wilson	Mississippi						.21					.11		.87										.48		.20						.20	2.07
Wynne	St. Francis									.52		1.85											.10	.07	1.02						.05		3.61
Yancopin	Arkansas					.62	1.01				.06	.65		.01					.04			*	*	.53						.12	.19	.03	3.26

Daily temperatures for August, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	98	100	100	97	99	100	99	100	100	100	99	103	99	100	97	97	92	96	87	95	90	82	86	85	92	96	94	95	97	88	87	95.
	Minimum	67	67	68	70	79	65	69	70	69	71	71	68	72	66	68	70	68	64	65	66	69	65	69	66	66	65	65	67	68	67	69	68.
Amity §§	Maximum	94	95	95	95	96	91	94	95	100	105	99	101	98	99	97	97	..	94	94	93	85	73	79	84	90	92	93	93	92	89	83	9 .
	Minimum	73	73	72	72	73	67	67	74	74	75	74	70	73	74	76	72	73	..	68	79	73	72	70	69	72	69	71	70	70	70	71	7 .
Batesville	Maximum	96	98	99	97	99	97	100	102	108	106	98	101	96	97	99	101	100	97	97	98	94	87	84	90	94	97	96	96	93	91	91	96.
	Minimum	70	70	69	71	69	68	72	73	77	72	72	72	68	63	69	74	74	70	65	70	64	64	74	72	69	70	70	69	68	71	72	70.
Bee Branch	Maximum	97	96	100	94	95	99	99	101	104	105	104	97	95	93	95	98	99	95	95	95	95	92	83	82	95	95	95	90	90	88	85	95.
	Minimum	71	70	70	71	69	65	69	69	72	71	71	70	69	66	70	71	73	68	66	68	69	70	70	71	69	69	70	70	68	70	70	69.
Bentonville ***	Maximum	94	94	95	90	91	94	92	94	98	98	91	88	89	89	94	93	88	90	88	91	80	83	85	86	90	93	93	90	90	87	87	90.
	Minimum	72	43	74	68	71	71	74	74	74	72	74	66	60	72	70	73	72	69	73	70	68	70	69	68	69	69	71	70	66	67	69	70.
Blytheville	Maximum	95	95	95	91	90	92	96	97	98	100	92	95	90	91	97	95	96	95	94	92	91	89	85	91	92	92	93	91	89	89	91	92.9
	Minimum	68	66	65	71	72	68	72	73	76	75	72	71	69	61	69	73	72	72	68	70	72	71	72	71	68	68	68	70	68	70	71	70.1
Booneville	Maximum	96	96	100	94	100	97	98	98	106	107	101	101	100	98	100	100	98	100	98	94	90	82	82	94	98	96	96	96	95	90	85	96.3
	Minimum	74	75	74	71	72	70	73	74	73	72	78	70	69	74	75	72	74	70	72	74	72	71	72	71	71	72	73	70	68	72	71	72.2
Brinkley	Maximum	100	100	102	100	94	99	98	100	102	109	96	102	94	96	93	95	94	94	93	93	91	84	82	90	92	94	95	95	90	91	92	95.2
	Minimum	....	....	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Camden	Maximum	97	99	98	96	92	94	94	94	96	100	97	100	97	94	91	..	..	95	95	95	90	82	83	87	90	93	96	95	93	90	94	93.7
	Minimum	73	73	73	75	72	67	73	75	76	74	72	70	71	75	72	73	72	79	69	68	72	71	73	70	70	69	69	70	70	70	73	71.9
Conway	Maximum	97	99	104	95	99	98	103	104	110	111	100	105	95	100	99	101	99	100	100	99	88	87	87	90	94	98	100	97	95	87	87	97.7
	Minimum	73	72	72	73	71	68	72	73	73	72	75	71	70	68	74	73	74	69	68	70	72	72	73	72	70	70	72	71	69	71	72	71.5
Cornerstone	Maximum	99	101	100	96	86	91	94	96	96	103	90	95	93	92	91	93	93	91	91	91	87	83	80	85	89	91	92	91	88	89	91	91.9
	Minimum	68	65	69	68	69	67	70	62	74	74	70	72	70	71	74	75	74	69	67	68	72	73	73	72	70	70	69	69	68	70	73	70.2
Corning	Maximum	95	96	98	91	94	92	97	100	101	98	92	98	91	92	94	101	99	98	98	99	95	91	81	91	97	98	93	98	95	90	94	95.1
	Minimum	68	67	67	73	72	66	72	73	75	73	71	71	65	58	66	74	72	70	64	68	71	71	71	70	68	66	70	65	65	68	70	69.0
Crossett	Maximum	97	98	97	96	86	94	95	96	97	101	97	96	95	94	93	95	94	95	95	92	95	92	84	83	90	91	98	92	89	90	92	93.5
	Minimum	70	69	71	70	69	67	70	72	71	74	68	70	67	72	68	70	73	67	64	67	78	72	70	71	68	69	68	67	65	70	73	69.7
Dardanelle	Maximum	97	99	100	94	98	100	101	101	108	110	97	102	99	99	98	101	96	96	97	98	91	85	88	89	94	96	99	96	95	90	87	96.8
	Minimum	73	73	73	74	73	70	74	74	76	73	79	72	68	71	74	72	72	68	70	72	72	72	71	71	70	70	73	70	70	72	72	72.1
De Queen	Maximum	98	98	98	97	99	95	96	97	100	104	103	101	98	99	96	97	91	90	92	92	92	84	86	92	90	93	92	92	92	89	92	94.7
	Minimum	75	74	73	74	73	66	70	75	73	72	73	69	75	77	74	72	70	70	72	70	73	72	71	69	70	69	73	71	71	72	72	71.9
Devils Knob	Maximum	92	90	94	90	92	93	92	94	101	102	89	90	89	90	92	92	86	89	89	90	83	78	84	82	90	92	94	92	90	80	78	89.6
	Minimum	72	72	74	66	74	69	70	72	75	80	68	72	65	70	71	70	69	68	68	68	67	67	66	66	68	71	70	70	70	67	68	69.8
Dumas	Maximum	101	103	102	102	92	101	99	103	100	107	102	101	100	95	98	98	100	98	95	93	90	84	83	88	97	92	92	94	90	91	92	96.2
	Minimum	72	72	70	72	67	76	73	74	75	75	69	67	70	73	73	75	75	70	70	70	71	72	72	73	70	72	70	70	70	70	74	71.7
El Dorado	Maximum	97	98	99	95	89	95	96	97	100	101	97	98	93	96	93	95	97	92	93	91	92	87	80	81	90	93	94	95	91	90	95	93.5
	Minimum	75	74	74	76	74	69	73	76	76	75	70	73	73	76	73	74	76	70	71	70	73	72	73	73	70	70	71	71	71	72	74	72.8
England	Maximum	99	100	100	99	90	98	90	99	98	105	92	99	94	95	95	95	98	95	94	93	88	82	77	89	92	95	96	95	92	91	90	94.0
	Minimum	72	70	71	72	72	67	72	72	73	75	71	71	71	68	75	75	74	68	68	70	71	74	73	71	70	70	72	68	70	71	74	71.3
Eureka Springs	Maximum	94	94	94	91	93	94	92	92	98	103	94	93	93	97	98	92	92	91	92	92	86	83	86	86	92	92	97	93	93	88	89	92.4
	Minimum	72	73	73	67	70	68	73	74	79	71	70	72	61	70	71	74	72	69	71	71	69	69	70	67	67	70	71	67	65	66	68	70.0
Fayetteville	Maximum	94	96	97	92	92	95	93	95	100	102	95	92	91	93	93	91	89	88	88	89	83	83	85	85	90	91	92	89	90	85	87	91.1
	Minimum	71	73	72	69	70	68	72	74	76	68	77	69	58	76	69	71	71	66	73	71	68	69	71	67	68	69	68	68	65	69	68	69.8
Fordyce	Maximum	97	98	98	98	92	95	96	98	99	102	98	101	98	96	96	98	97	94	93	92	88	82	77	85	93	96	94	93	93	93	92	94.3
	Minimum	74	73	74	77	73	68	72	75	77	74	72	72	72	74	72	74	71	68	69	69	73	71	71	71	71	71	71	72	71	72	74	72.2
Fort Smith***	Maximum	95	96	98	96	95	97	98	103	106	107	95	98	95	95	96	97	90	93	90	95	85	85	89	91	93	96	100	94	94	90	88	94.8
	Minimum	76	77	76	73	76	74	76	76	77	77	81	75	68	75	75	77	74	71	74	73	73	72	72	73	73	75	74	73	73	73	74	74.4
Gilbert	Maximum	95	98	97	98	88	98	95	99	100	108	104	88	95	92	92	96	99	96	96	96	96	90	82	86	89	93	94	95	91	93	92	94.5
	Minimum	66	64	66	65	64	62	63	65	64	62	67	66	57	60	60	59	66	63	61	61	62	63	69	66	61	64	64	65	61	61	61	63.1
Grannis	Maximum	96	98	100	97	101	99	99	99	104	109	103	102	106	98	97	97	88	89	90	91	84	85	84	90	94	92	93	92	92	89	92	95.2
	Minimum	69	69	69	69	68	62	69	70	67	67	68	65	69	72	68	66	69	68	67	67	70	69	69	65	70	66	69	67	66	67	68	67.9
Gravette§§	Maximum	96	97	98	94	96	97	98	99	104	104	95	93	92	93	99	98	95	95	93	95	83	87	87	89	93	99	99	94	95	92	95	95.0
	Minimum	72	73	73	69	71	68	70	71	70	71	72	71	58	64	70	72	69	67	69	69	69	69	69	68	68	67	67	69	66	67	69	68.9
Green Mountain	Maximum	90	93	94	89	94	95	99	96	102	101	95	95	92	93	94	96	97	93	94	94	88	84	83	85	91	93	94	91	91	86	86	92.5
	Minimum	74	72	75	72	70	67	73	72	77	74	70	72	67	68	73	74	78	70	71	71	69	67	69	74	71	74	72	70	70	69	70	71.5
Harrison	Maximum	99	99	100	94	96	99	97	101	104	107	95	95	94	94	97	99	98	98	98	99	90	84	89	90	95	98	99	93	93	87	86	95.7
	Minimum	70	69	70	69	69	65	69	71	72	68	68	70	57	70	67	69	72	67	69	67	67	69	71	71	65	70	70	71	64	66	69	68.4
Helena	Maximum	94	95	94	94	86	91	94	93	95	98	92	92	89	92	91	94	93	91	91	87	87	82	77	84	88	90	91	91	86	88	90	90.3
	Minimum	69	74	71	71	72	67	72	73	74	76	67	73	68	70	75	74	72	69	71	72	71	73	72	72	70	69	68	71	69	71	74	71.3
Highland	Maximum	96	98	97	99	98	95	97	98	103	106	104	99	95	96	95	95	99	96	92	93	90	81	81	89	90	96	95	92	92	90	93	94.8
	Minimum	73	74	71	72	73	65	71	74	75	74	68	69	74	77	73	76	71	69	71	68	72	71	70	69	72	71	73	71	70	69	71	71.5
Hope §§	Maximum	97	98	98	96	94	94	94	96	98	102	97	98	96	93	94	94	92	92	92	93	92	74	74	82	88	89	95	92	92	88	92	92.5
	Minimum	72	73	72	74	72	66	69	75	78	74	74	69	72	73	70	70	75	68	71	70	74	72	72	69	70	69	71	71	72	70	72	71.6
Hot Springs	Maximum	101	103	104	102	96	101	100	103	106	109	102	98	101	103	100	101	95	99	97	100	93	79	85	92	97	102	101	100	100	94	90	98.5
	Minimum	72	71	72	73	74	76	72	74	76	74	74	69	70	71	74	73	73	67	72	71	74	72	71	72	70	68	72	74	72	70	72	72.1
Jonesboro	Maximum	95	96	98	95	92	94	97	98	101	103	95	98	92	94	94	98	98	96	95	95	91	92	83	89	92	94	94	93	89	89	91	94.2
	Minimum	71	71	70	72	71	68	73	74	77	74	72	72	70	66	70	74	72	71	66	71	72	71	72	71	70	69	70	70	68	70	72	71.0
Lead Hill	Maximum	98	99	99	95	96	99	96	99	107	109	91	97	95	96	101	101	100	98	96	98	90	86	88	99	99	99	98	95	94	91	96	96.9
	Minimum	68	68	69	67	65	64	66	70	67	67	70	69	55	67	64	68	68	67	66	65	66	70	71	66	64	67	66	63	62	65	69	66.4
Little Rock.***	Maximum	96	97	97	93	92	96	95	96	99	106	95	99	93	94	94	96	93	91	92	92	84	82	80	87	90	93	94	93	89	84	85	92.5
	Minimum	77	76	78	78	73	69	73	73	79	76	74	71	74	74	76	76	73	70	72	71	73	72	73	72	72	73	72	75	73	72	73	73.6
Little Rock [Airway]	Maximum	100	100	101	97	94	98	98	98	100	105	97	103	97	97	96	99	93	95	96	96	87	86	82	90	92	94	96	93	89	84	84	94.7
	Minimum	72	70	72	73	71	66	72	72	76	73	74	70	73	71	75	74	73	68	66	69	73	72	73	71	71	70	72	73	71	72	74	71.7
Lutherville	Maximum	97	98	101	94	99	98	100	103	105	107	94	100	99	98	100	100	95	98	97	97	90	87	87	90	94	95	100	94	94	87	81	96.1
	Minimum	72	74	75	70	72	69	71	72	74	74	75	70	69	71	75	70	72	68	71	72	71	71	70	69	70	70	69	71	71	70	71	71.3
Magnolia	Maximum	96	97	95	95	97	92	93	94	98	98	96	96	94	97	94	93	94	93	92	93	92	93	83	85	89	93	97	94	91	89	93	93.4
	Minimum	75	73	72	74	68	67	72	75	75	75	70	69	74	75	72	71	74	67	70	70	71	70	70	70	69	69	69	72	70	71	72	71.3
Mammoth Spring	Maximum	94	94	94	91	92	91	96	95	100	101	97	94	92	96	97	98	97	96	97	97	94	92	86	89	92	94	90	94	94	90	90	94.0
	Minimum	71	70	69	72	70	67	69	73	74	75	71	69	68	62	65	74	71	70	68	66	67	68	71	71	69	68	69	67	65	67	68	69.2
Marianna	Maximum	95	95	96	92	90	90	93	96	96	99	94	94	89	91	92	92	92	91	90	87	85	83	82	83	87	89	89	90	87	87	88	90.5
	Minimum	71	71	70	73	75	69	74	73	73	76	70	75	69	71	75	75	74	72	70	74	73	73	73	74	71	71	70	71	70	70	73	72.2
Marked Tree§§	Maximum	95	96	97	92	91	94	96	98	99	101	87	97	92	94	96	97	97	95	95	91	90	89	84	87	92	94	93	90	92	89	93	93.3
	Minimum	70	69	68	77	71	67	73	77	72	76	70	72	70	65	71	74	73	71	67	71	71	73	71	70	69	70	70	69	72	66	72	70.9
Mena	Maximum	95	96	97	98	97	99	97	99	105	109	101	101	98	99	100	97	95	91	93	93	87	74	84	89	91	91	94	92	91	88	89	94.5
	Minimum	71	71	71	74	72	68	71	75	76	75	74	69	73	73	71	71	72	66	72	71	70	70	69	68	71	68	71	68	67	68	70	70.8
Monticello	Maximum	96	98	98	94	87	92	93	94	95	100	89	95	93	95	94	95	96	93	93	92	90	88	80	79	90	91	94	93	88	88	94	92.2
	Minimum	70	70	74	74	74	68	72	75	74	75	68	74	68	72	72	74	75	69	68	72	72	72	72	72	72	68	70	70	70	68	72	71.5
Morrilton	Maximum	97	97	102	94	99	99	98	101	106	107	101	101	99	96	96	98	96	95	96	95	89	87	86	89	91	97	97	95	93	90	87	95.9
	Minimum	72	72	72	74	69	68	71	74	77	75	75	72	70	69	74	72	74	68	69	71	71	71	72	70	69	70	72	60	69	71	72	71.5
Mountain Home	Maximum	96	98	100	91	98	100	98	100	96	94	90	98	99	97	100	101	104	99	98	98	95	88	87	90	94	95	98	94	94	90	89	96.5
	Minimum	70	69	68	70	67	66	67	70	69	71	72	69	62	61	66	70	70	68	65	65	68	69	70	70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.9
Mt. Ida	Maximum	95	97	97	94	98	96	97	98	104	109	92	102	99	99	97	98	87	94	96	85	79	78	79	88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.1
	Minimum	70	70	68	71	69	63	67	70	71	69	70	65	65	68	71	66	69	63	64	71	71	70	69	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.7
Newport	Maximum	100	98	100	99	100	97	100	101	103	106	96	103	97	99	96	100	100	98	98	96	92	85	83	88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.6
	Minimum	70	70	69	70	71	69	72	73	75	71	73	73	71	64	69	74	73	69	66	68	73	72	72	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.5
Oden	Maximum	95	96	97	92	96	95	95	96	102	106	98	100	97	98	95	96	88	91	91	91	85	76	81	88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.9
	Minimum	72	72	70	73	70	66	69	71	77	74	73	70	69	71	72	73	69	65	67	70	70	70	70	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.2
Okay	Maximum	99	100	102	99	98	97	97	99	101	105	102	100	99	96	94	95	96	92	93	93	94	85	78	87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.3
	Minimum	74	74	73	73	72	64	72	74	75	73	69	70	68	76	73	72	70	68	72	71	73	72	72	68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.3
Ozark	Maximum	96	100	94	96	98	100	99	92	106	109	98	104	101	97	100	97	93	93	92	94	89	82	85	90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7
	Minimum	73	75	73	70	71	70	71	71	71	72	70	70	63	76	75	72	73	69	70	70	72	70	71	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.1
Pine Bluff	Maximum	98	100	100	96	89	96	96	98	98	104	92	99	94	95	97	95	93	95	95	95	89	83	78	87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7
	Minimum	74	73	75	76	74	69	74	76	75	77	71	74	73	74	75	76	76	70	69	72	74	73	74	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.6
Pocahontas	Maximum	95	96	98	95	94	94	94	99	104	103	94	93	94	95	98	100	101	98	97	96	94	90	85	91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.5
	Minimum	71	70	69	74	71	68	70	73	76	73	74	70	69	65	68	74	73	71	65	69	71	72	71	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.5
Portland	Maximum	95	95	95	97	89	91	93	94	95	95	91	93	90	92	92	91	94	91	91	90	89	88	89	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.0
	Minimum	71	71	71	71	72	68	69	71	70	73	68	70	68	71	69	71	74	68	67	69	70	70	70	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.0
Prescott	Maximum	97	97	98	96	95	95	95	96	100	104	101	101	100	97	95	96	93	96	93	93	92	78	80	88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3
	Minimum	73	74	73	75	65	66	72	75	74	74	73	69	71	75	70	72	73	68	70	69	70	68	68	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.5

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day

Weather Bureau Office, Little Rock, Ark. 10-22-37-1150

Daily temperatures for August, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Rogers	Maximum	93	94	96	90	93	93	92	94	98	99	91	90	90	90	94	93	91	89	90	89	79	81	85	84	90	91	93	89	90	89	88	90.6
	Minimum	68	72	71	68	69	68	70	74	71	70	73	70	58	70	68	70	68	68	69	68	69	68	68	66	66	69	67	66	64	67	68	68.4
Russellville [Evap]	Maximum	97	99	100	100	99	100	100	101	102	109	100	100	98	99	99	100	99	98	97	97	94	85	87	91	93	95	96	94	93	91	89	96.8
	Minimum	76	73	70	73	72	70	74	74	75	72	78	72	66	69	73	70	71	68	70	70	73	73	72	70	70	70	71	70	68	71	72	71.5
St. Charles	Maximum	93	96	98	98	93	90	89	91	95	98	93	92	93	95	96	94	93	90	90	88	87	81	80	83	88	92	91	93	93	92	90	91.5
	Minimum	69	71	70	76	76	75	74	72	74	76	..	..	..	..	..	70	73	70	70	72	72	72	72	72	71	71	70	70	68	70	74	72.0
Searcy	Maximum	97	99	101	100	98	98	98	99	103	106	94	100	96	96	98	99	100	96	96	95	91	87	85	88	94	96	97	96	92	89	92	96.0
	Minimum	72	70	70	71	70	68	70	71	74	72	73	72	71	67	72	73	74	68	65	68	71	72	72	73	69	70	72	71	70	73	73	70.9
Stuttgart	Maximum	101	101	102	100	92	97	99	102	101	106	94	100	96	96	97	99	97	96	96	95	86	87	76	89	92	95	96	94	90	91	93	95.4
	Minimum	72	73	71	72	73	68	73	73	73	75	69	72	70	72	75	72	75	70	69	69	71	72	72	72	70	71	72	70	70	71	73	71.6
Stuttgart. . [Evap]	Maximum	97	98	99	98	88	94	95	97	98	102	92	98	94	..	96	95	95	94	93	92	86	84	78	87	90	92	93	..	92	90	92	93.1
	Minimum	71	69	68	70	74	70	73	74	76	76	72	72	70	72	..	74	73	70	68	70	72	73	72	70	70	70	70	70	..	70	72	71.4
Subiaco	Maximum	100	100	100	96	101	101	102	101	106	108	97	102	101	102	103	101	92	100	100	99	89	88	90	92	95	95	100	95	95	91	87	97.7
	Minimum	72	73	72	69	70	69	71	72	74	72	75	76	67	74	71	72	74	66	72	70	72	69	70	70	68	68	72	70	68	69	69	70.8
Texarkana	Maximum	100	100	100	99	98	95	96	98	101	104	105	100	98	100	94	99	96	91	93	94	94	84	78	87	90	95	96	95	93	91	95	95.5
	Minimum	75	75	74	74	73	66	73	75	75	77	70	69	75	76	73	73	73	69	70	71	73	73	72	70	71	72	71	71	72	70	71	72.3
Thornburg	Maximum	97	100	102	93	100	101	100	100	107	110	100	105	100	102	94	99	92	94	96	95	89	85	83	88	92	96	99	95	95	94	85	96.4
	Minimum	66	66	66	63	66	62	71	77	80	73	74	68	62	62	72	66	67	63	71	69	72	70	70	68	64	64	66	64	65	65	68	67.7
Turnpike	Maximum	88	88	89	83	92	89	90	91	97	103	87	92	90	92	94	92	90	90	91	89	84	75	79	81	88	91	94	90	90	88	81	89.0
	Minimum	75	75	77	70	74	75	74	72	76	80	68	73	66	70	70	71	76	69	70	68	68	69	67	66	69	74	71	70	69	67	68	71.2
Warren	Maximum	96	98	97	95	91	94	95	95	97	102	97	97	94	95	95	94	95	93	93	92	91	89	80	83	90	94	92	93	89	87	92	93.1
	Minimum	72	72	74	75	70	68	74	75	76	76	69	73	71	74	72	75	75	70	68	69	71	72	70	73	70	70	70	71	70	70	75	71.9
White Rock	Maximum	88	89	89	87	89	87	88	90	95	97	89	89	88	87	90	89	89	83	87	89	87	75	81	80	87	87	90	89	89	81	86	87.5
	Minimum	63	63	63	63	67	64	64	64	64	64	64	64	64	70	70	70	71	62	70	68	68	62	58	61	61	66	66	66	66	66	66	65.1
Wilson	Maximum	91	92	93	90	85	90	92	94	95	97	96	93	89	89	90	93	92	91	92	90	87	86	85	87	88	89	90	91	92	88	88	90.5
	Minimum	71	68	65	71	73	68	74	73	77	76	71	74	69	66	73	81	72	73	69	72	71	73	72	72	70	70	69	67	67	72	72	71.0
Wynne	Maximum	97	97	99	96	92	90	98	99	100	102	96	96	92	94	91	100	95	94	93	91	87	87	83	86	92	92	93	95	89	90	93	93.5
	Minimum	65	71	65	69	70	66	66	69	71	74	66	71	68	67	72	73	70	68	66	69	70	71	69	70	66	67	66	65	67	70	70	68.6

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for August, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.208	.250	.272	.221	.216	.200	.254	.313	.397	.393	.419	.300	.341	.217	.182	.261	.293	.226	.207	.294	.400	.310	.039	....	.113	.198	.209	.331	.332	.246	.134	7.829
	Mean tem.	84	86	85	85	83	80	82	86	88	88	86	84	84	83	82	82	84	80	82	82	83	73	73	76	79	79	83	82	82	79	82	82.0
	Wind move	14	13	14	12	20	26	32	49	46	51	53	53	36	16	11	9	20	30	20	42	59	31	13	18	17	14	30	8	11	22	15	805
Russellville [Ozark Nursery]	Evap.	.312	.523	.132	.184	.264	.264	.400	.396	.417	.335	.228	.244	.338	.382	.336	.146	.286	.290	.366	.336	.258	.172	.100	.140	.200	.262	.380	.192	.292	.188	.098	8.461
	Mean tem.	86	86	85	86	86	85	87	88	88	90	89	86	82	84	86	85	85	83	84	84	84	79	80	80	82	82	84	82	80	81	80	84.2
	Wind move	38	21	31	34	30	35	55	68	51	28	58	20	33	37	38	26	33	46	38	61	45	33	20	14	20	26	21	22	27	30	19	1,053
Stuttgart [Rice Exp. Farm]	Evap.	.237	.268	.264	.294	.175	.182	.261	.317	.321	.302	.315	.200	.301	.237	*	.474	.234	.235	.303	.280	.205	.051	.054	.031	.143	.171	.188	.192	*	.442	.141	6.818
	Mean tem.	84	84	84	84	81	82	84	86	87	89	82	85	82	..	..	84	84	82	80	81	79	78	75	78	80	81	82	..	..	80	82	82.2
	Wind move	19	17	16	18	24	58	60	90	83	92	93	48	46	25	*	76	35	40	51	63	67	38	21	15	23	20	18	18	*	90	40	1,304

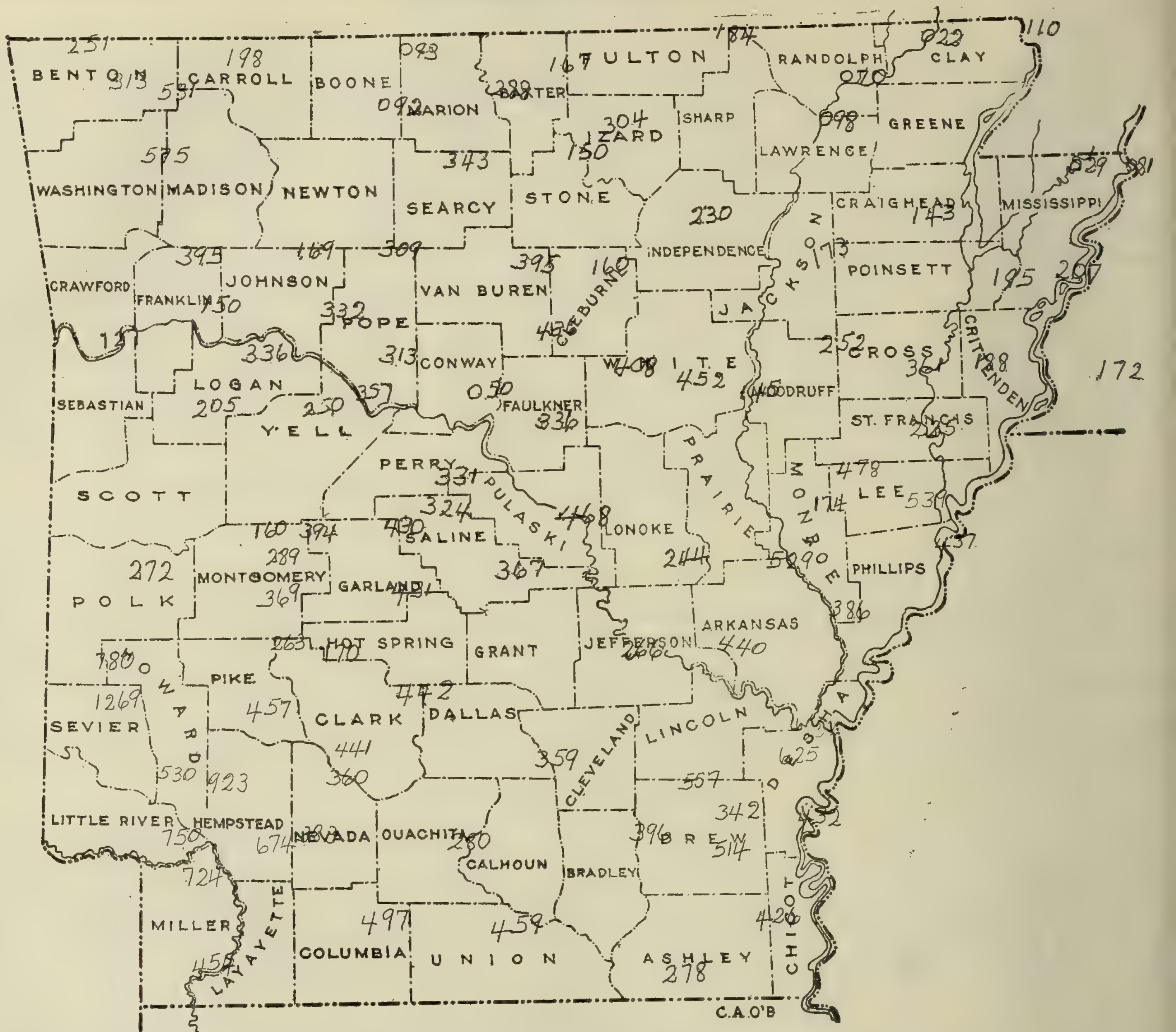
Daily River Stages for August, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.2	7.0	8.4	8.6	7.4	6.7	6.2	5.9	6.2	6.2	6.0	5.8	5.8	5.8	5.6	5.6	5.4	5.4	5.3	5.3	5.3	5.3	5.3	7.0	6.8	7.5	6.9	6.6	6.8	7.1	6.7
Van Buren	do	22	6.8	6.6	7.8	8.3	7.3	6.3	5.8	5.4	5.5	5.8	5.4	5.0	4.7	4.3	4.3	4.2	4.3	4.1	4.0	4.9	4.5	4.1	4.5	6.5	6.5	7.0	6.6	6.0	6.3	6.6	6.3
Danville	Petit Jean	20	10.1	4.7	3.1	2.7	2.5	2.4	2.3	2.3	2.3	2.2	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.9	2.0	1.8	1.8	1.8	1.8	2.0	1.8	2.3	2.2	2.1	2.0	1.9	1.9
Ozark	Arkansas	22	2.5	2.3	2.3	3.7	3.7	3.7	1.9	1.5	1.3	1.5	1.6	1.3	1.0	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.9	0.6	0.4	1.0	2.1	2.1	2.6	2.1	1.7	2.0	2.2
Dardanelle	do	22	6.1	5.4	5.2	5.4	5.6	6.4	5.4	4.7	4.3	4.0	4.3	4.3	4.0	3.6	3.2	3.1	3.0	3.0	2.9	2.8	2.7	3.4	3.5	3.1	3.7	4.9	5.0	5.4	4.9	4.5	4.8
Morrilton	do	20	2.0	1.9	1.6	1.3	2.1	2.8	2.1	1.2	0.7	0.3	0.1	0.4	0.3	-0.1	-0.5	-0.6	-0.8	-0.8	-0.9	-1.0	-1.0	-1.0	-0.4	-0.5	-0.7	0.2	1.0	1.2	1.2	0.2	0.6
Little Rock	do	23	2.3	2.4	1.9	1.6	1.4	2.1	2.6	2.1	1.3	0.8	0.4	0.3	0.6	0.4	0.1	-0.2	-0.4	-0.6	-0.7	-0.8	-0.9	-0.8	-0.8	-0.1	-0.2	-0.5	0.3	1.0	1.2	1.3	0.9
Pine Bluff	do	25	6.7	6.2	6.2	5.9	5.6	5.4	6.1	6.1	5.8	5.2	4.9	4.6	4.4	4.4	4.4	4.2	4.1	3.9	3.7	3.6	3.5	3.4	3.4	3.4	3.8	3.9	3.7	4.3	4.9	5.1	5.1
Gilbert	Buffalo	30	2.7	2.7	2.6	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5
Doniphan, Mo.	Current	10	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
Black Rock	Black	14	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.9	2.5	2.2	1.9	1.8	1.8	1.7	1.7	1.6
OzarkBeachMo	White	30	-0.7	1.2	-0.2	-0.7	-0.7	-0.7	-0.4	1.0	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	-0.8
Cotter	do	21	3.7	3.4	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.4	3.4	3.1	3.0	3.0	3.0	2.9	2.7	2.7	2.9	3.1	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.8
Calico Rock	do	18	1.1	1.0	0.5	0.4	1.0	1.0	1.0	0.7	0.6	0.8	0.7	0.7	0.7	0.3	0.2	0.1	-0.1	-0.1	-0.1	-0.2	-0.2	1.6	0.7	0.3	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Batesville	do	23	5.9	5.7	5.5	5.2	5.0	5.4	5.4	5.4	5.2	5.1	5.4	5.2	5.2	5.2	4.9	4.7	4.6	4.5	4.4	4.4	4.4	4.4	5.7	5.3	5.0	4.7	4.5	4.5	4.4	4.4	4.6
Newport	do	26	2.2	2.1	1.9	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.1	1.0	1.0	0.7	0.6	0.5	0.4	0.4	0.4	0.4	1.5	1.5	1.4	0.7	0.6	0.4	0.3	0.3
Georgetown	do	21	4.0	3.7	3.6	3.4	3.2	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.6	1.4	1.2	1.1	1.0	1.0	1.4	1.9	2.1	1.9	1.5	1.3	1.1
Clarendon	do	26	12.2	11.7	11.3	11.0	10.8	10.5	10.3	10.0	9.8	9.6	9.4	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.9	7.8	7.8	7.9	8.1	8.4	8.4	8.2	8.0
Arkadelphia	Ouachita	17	4.0	3.6	3.5	3.6	3.5	4.1	3.6	3.2	3.4	3.3	3.4	3.6	3.2	3.5	3.4	3.3	3.6	3.6	3.4	3.2	3.3	3.3	3.4	4.2	3.6	3.5	3.5	3.9	3.5	3.4	3.3
Camden	Ouachita	26	4.7	4.8	4.6	3.9	3.9	4.3	4.1	4.2	4.3	4.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	3.9	4.0	4.1	4.3	4.2	4.2	4.7	4.5	4.3	4.1	4.0	3.9
Whitecliffs	Little River	25	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	11.4	17.0	19.0	18.9	16.2	12.9	10.1	5.5
Index	Red	25	6.7	6.6	6.6	6.9	7.2	7.2	7.0	6.9	6.8	6.6	6.6	6.4	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5	7.2	8.1	16.9	17.0	14.8	12.6	11.4	10.6
Fulton	do	25	5.4	5.2	5.1	5.1	5.1	5.8	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	5.2	7.1	10.3	16.5	18.2	17.0	14.9	13.2	11.3
Big Lake Outl't	Little River.	10	5.6	5.5	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.5	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.9	3.9	3.8	3.9	3.8	3.8	3.8	3.7
St. Francis	St. Francis.	18	4.8	4.6	4.4	4.1	3.9	3.7	3.7	3.6	3.9	4.0	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.8	3.5	3.5	3.8	3.5	3.4	3.5	3.5	3.6	3.6	3.5	3.5	3.4
St. Francis L.L.	do	..	21.6	21.6	21.3	21.2	21.1	20.9	20.8	20.7	20.6	20.5	20.4	20.3	20.2	20.2	20.1	20.1	20.0	19.9	19.8	19.7	19.7	19.7	19.7	19.8	19.8	19.8	19.7	19.7	19.7	19.7	19.6
Marked Tree	do	17	1.6	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.1	0.9	1.5	1.5	0.7	0.6	0.6	0.6	1.0	1.0	1.0	1.0	0.7	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4
Parkin	do	28	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.9	2.7	2.4	2.3	2.1	2.1	2.3	2.3	2.2	2.1	1.9	1.8	2.0	1.9	1.7	1.7	1.6	1.5
Madison	do	32	6.9	6.5	6.1	5.8	5.6	5.3	5.1	4.9	4.7	4.5	4.9	4.2	3.9	3.7	3.6	3.5	3.3	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.7	2.7	2.6	2.5	2.4	2.3
Helena	Mississippi	42	12.8	12.2	12.1	11.7	11.1	10.5	10.1	9.8	9.5	9.4	9.5	9.4	10.1	10.8	10.8	10.6	10.5	10.3	10.3	10.4	10.4	10.4	9.7	8.6	8.3	8.1	8.1	8.0	8.0	8.7	9.7
Arkansas City	do	42	12.2	10.7	9.7	9.1	8.7	8.2	7.6	7.0	6.8	6.6	6.4	6.4	6.3	6.4	6.6	7.0	6.9	6.9	6.6	6.4	6.4	6.5	6.5	6.2	5.4	4.9	4.6	4.5	4.5	4.5	4.9

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |||| 24 hours ending 7 a.m. Data in italics interpolated. *Included in next measurement.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for August, 1937



Windstorms, Heavy Hail, etc.

Windstorms:-Northwestern Nevada Co., Prescott to Emmet, 5th, about 1:40 p. m., six business houses partially unroofed in Prescott and one plate glass window damaged and one building partially unroofed in Emmet, total damage $1,250.

Southeastern Pope Co., Moreland and vicinity, 10th, severe windstorm accompanied by heavy hail, several barns and outbuildings destroyed, other buildings damaged, loss abou $10,000.

Heavy Hail:--Northwestern Saline Co., Alum Fork and v cinity, 10th, no report on damage.

Southeastern Pope Co., Moreland and vicinity, 10th, a crops in area one and one-half miles wide total loss, damag about $10,000.

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII Little Rock, Ark., September, 1937 No. 9

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GENERAL SUMMARY

Temperature means were below normal over most of the State except at a few places in Benton, Boone and Sebastian counties. The average temperature for the State, based on the reports of 69 stations, was 72.7° which is 1.7° below the 47-year mean. Monthly means ranged from 65.8° at White Rock, Franklin County, to 76.8° at El Dorado. The highest temperature reported was 102° at Gravette on the 8th and the lowest, 34° at Lead Hill and Thornburg on the 27th.

The average precipitation for the 96 stations reporting was 4.27 inches which is 0.86 inch above the 47-year mean. The distribution of rainfall was rather irregular, ranging from a monthly total of 0.32 inch at Texarkana to 15.18 inches at Bentonville. Rainfall totaling more than 8.00 inches was reported in Benton, Craighead, Johnson and Perry Counties. Precipitation was below normal in the southeastern section and in Baxter, Little River, Miller, Hempstead, Nevada and Clark Counties. The greatest 24-hour amount reported was 5.80 inches at Gravette on the 8th. The rainfall of 15.18 inches at Bentonville is an all-time record for that station, and almost equals the September record of 15 to 17 inches at some southern stations in 1913. Damage to roads and bridges was reported in Benton County as a result of the heavy rainfall.

The weather during September was favorable for late corn, meadows, pastures, vegetables and fruit most of the month. The weather the first decade was marked by frequent scattered showers. Heavy rains were reported from the 2d to the 5th and again on the 8th and 9th in most central and northern portions. The unusual number of rainy days the first part of the month was decidedly unfavorable for cotton, and reports indicated that in many localities some cotton was beaten down and ruined by the heavy showers. Abundant sunshine and dry winds from the 10th to the 24th were favorable for cotton. The lint dried out and the bolls opened rapidly. Picking and ginning also progressed rapidly the latter part of this period. Rainfall occurred on the 24th and 25th in all portions of the State but the amounts were unevenly distributed, being from 4 to 5 inches at Jonesboro, Newport and Camden to less than an inch over the area extending from the north-central counties to the southwestern corner of the State. The cotton dried out quickly after this brief rain period so that the latter portion of the month was again favorable for cotton. Near the close of the month the greater portion of the crop was reported open except in the eastern lowlands where it was opening rapidly. In some southern portions, the greater portion of the crop was picked. The early corn crop was being gathered and the late crop nearing maturity. O.D.N.

Heavy Rain, etc.

Heavy Rain:--Benton Co., 8th-9th, many roads, culverts and bridges washed out and damaged by heavy rains. Estimated damage $25,000.

Corrections:

Dardanelle, wind direction for June should be SE. St. Charles wind direction for August should be SE.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	4	1	1	1	1	1	1	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Light Hail	.	..	.	.	.	.	.		.		.	.	.	.	.	.	.	.	.	.	.		.		.	.	.	.	..	..	..
Moderate Hail	..	.	.	.	.	.	.		.	.	.	.	.		.	.	.	..	.		..	.	.	.	.	..		.	.		..
Thunderstorm	8	8	7	9	12	1	..	11	15	4	..	..	.	.	2	3	4	2	.	.	..	3	.	5	8	.	.	.	.	.	..

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m	
Bentonville	.....	.....	..	.....	..	5.5	15	sw	18	..	..	..	69
Fort Smith	30.03	30.35	26	29.76	2	6.9	24	n	25	61	54	58	59
Little Rock	30.03	30.32	29	29 80	19	6.9	19	sw	9	86	54	59	71
Memphis	30.03	30.33	29	29.78	10	6.6	18	n	25	79	56	61	51

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	73.4	102	40	0.94	0	2	22	6	2
1892	70.8	96	32	2.14	0	3	23	4	3
1893	74.0	103	36	3.75	0	5	19	5	6
1894	73.1	100	38	3.56	0	6	14	8	8
1895	77.1	105	32	1.36	0	4	19	7	4
1896	73.3	106	35	3.25	0	10	11	9	10
1897	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899	71.9	109	28	1.21	0	8	20	7	3
1900	78.0	104	48	4.25	0	7	12	12	6
1901	72.6	101	32	3.08	0	4	18	8	4
1902	68.4	99	30	5.06	0	8	15	8	7
1903	70.7	102	34	2.47	0	5	18	7	5
1904	75.4	101	37	2.46	0	5	15	9	6
1905	74.2	100	44	3.90	0	8	16	7	7
1906	75.7	100	47	6.24	0	10	11	9	10
1907	73.9	106	38	2.22	0	4	19	8	3
1908	73.4	101	29	4 00	0	7	13	8	9
1909	74.7	108	31	2 84	0	5	18	7	5
1910	76.4	101	44	2.41	0	5	18	8	4
1911	79.0	102	46	3.67	0	6	18	9	3
1912	78.5	106	32	2.40	0	4	18	8	4
1913	71.7	108	33	10.10	0	13	9	9	12
1914	74.4	101	38	3.19	0	5	16	9	5
1915	74.9	100	34	1.43	0	3	16	8	6
1916	72.5	102	30	3.40	0	6	19	6	5
1917	71.8	99	37	1.76	0	4	18	7	5
1918	67.3	104	29	4.63	0	7	16	5	9
1919	74.6	108	40	2.72	0	4	15	8	7
1920	74.9	100	30	3.56	0	6	17	6	7
1921	79.6	104	35	3.38	0	6	14	9	7
1922	76.2	106	37	1.25	0	3	22	5	3
1923	73.0	98	45	5.56	0	9	12	7	11
1924	69.7	103	29	3.99	0	7	17	5	8
1925	80.5	113	47	5.96	0	7	16	7	7
1926	76.8	101	40	3.99	0	7	14	8	8
1927	75.9	105	32	3.37	0	6	15	8	6
1928	70.5	101	32	0.45	0	1	22	5	3
1929	73.4	102	41	2.46	0	5	15	8	7
1930	75.7	106	35	4.10	0	8	15	8	7
1931	78.4	102	34	1.00	0	3	22	7	1
1932	73.8	103	35	2.54	0	6	12	10	8
1933	78.5	102	41	5.10	0	8	15	8	7
1934	71.3	100	37	5.46	0	8	15	7	8
1935	72.4	103	35	3.13	0	5	18	5	7
1936	78.9	109	38	4.15	0	7	12	10	8
1937	72.7	102	34	4.27	0	7	16	8	6
Period	74.4	113	28	3.41	0	6	16	8	6

Climatological Data for September, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	72.0	......	94	22	41	28	40	4.95	......	2.70	0.0	4	18	8	4	e.	L. R Water Works
Amity	Clark	500	42	72.8^{a}	-2.0	95^{a}	23	44^{a}	27†	39^{b}	4.20	+0.72	1.40	0.0	6	13^{a}	14^{a}	2^{a}	......	J. W. Campbell
Arkadelphia	Clark	200	42	......	......	......	......	......	......	......	2.42	-0.92	1.25	0.0	6	18	5	7	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	53	......	......	......	......	......	......	......	2.63	-0.32	1.48	0.0	5	25	0	5	......	Herbert Neff
Batesville	Independence	277	38	72.5	-0.1	95	22	40	27	35	4.63	......	1.92	0.0	5	20	3	7	e.	Airway Observer
Bee Branch	Van Buren	700	45	72.2	-2.0	98	1	40	28	34	2.51	-0.69	0.91	0.0	6	15	8	7	e.	J. E. Scanlan
Benton	Saline	285	2	73.6	......	96	22	41	27	38	4.04	......	2.40	0.0	5	22	5	3	ne.	S. A. Burks
Bentonville	Benton	1295	32	70.1	-0.7	92	4	40	26	30	15.18	+11.50	5.64	0.0	12	13	8	9	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	7	......	......	......	......	......	......	......	6.70	......	2.57	0.0	8	14	6	10	......	C. J. Brooks
Black Rock	Lawrence	259	36	......	......	......	......	......	......	......	4.95	+1.00	2.70	0.0	7	20	0	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	12	71.8	-2.6	93	24	40	28	36	6.31	+2.86	2.32	0.0	8	19	5	6	s.	Samuel Norris
Booneville	Logan	465	23	73.6	-2.0	96	22	39	27	34	4.46	+1.43	2.79	0.0	7	13	12	5	e.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	......	......	......	......	......	......	......	1.86	......	0.90	0.0	4	13	5	12	......	Harry Buie
Brinkley	Monroe	205	50	73.1	-1.7	94	21†	39	28	39	4.69	+0.71	1.90	0.0	6	17	8	5	ne.	R. J Torry
Calico Rock	Izard	361	33	......	......	......	......	......	......	......	4.21	+0.84	1.60	0.0	7	16	2	12	......	William Jones
Camden	Ouachita	116	52	75.1	-0.4	99	22	44	28	39	5.31	-2.10	4.00	0.0	5	15	9	6	w.	J. M. Knight
Clarendon	Monroe	172	33	......	......	......	......	......	......	......	3.55	+0.11	2.25	0.0	9	12	10	8	n.	R. M. Wheatley
Clinton	Van Buren	516	16	......	......	......	......	......	......	......	3.55	-0.13	1.54	0.0	5	13	11	6	nw.	A. L. Stephens
Conway	Faulkner	309	54	73.6	-1.7	97	22	43	28†	37	5.22	+1.75	1.62	0.0	6	21	6	3	s.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	26	72.7	-2.4	95	21	38	28	39	2.37	-1.22	0.65	0.0	7	20	8	2	ne.	P. B. Hutchens
Corning	Clay	293	44	71.0	-1.1	96	1	37	27	40	5.73	+2.09	2.41	0.0	6	16	7	7	se.	Winfred D. Polk
Cotter	Baxter	440	10	......	......	......	......	......	......	......	2.42	-0.99	0.75	0.0	5	15	7	8	......	O. B. McSpadden
Crosset (near)	Ashley	175	25	74.4	-1.1	99	21	39	28	38	1.46	-1.16	0.83	0.0	3	15	13	2	n.	U. S. Forest Service
Danville	Yell	327	21	......	......	......	......	......	......	......	3.00	-0.39	0.86	0.0	9	15	4	11	......	J. M. Patterson
Dardanelle	Yell	330	51	74.3	-0.9	97	4	42	27	36	5.29	+2.00	1.58	0.0	9	8	15	7	n.	Geo. N. Goodier
De Queen	Sevier	426	2	75.4	......	96	19	44	27	39	5.85	......	4.00	0.0	5	22	7	1	ne.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	1	69.2^{i}	......	......	......	......	......	......	4.97	......	2.19	0.0	8	11^{i}	2^{i}	8^{i}	......	U. S. Forest Service
Dumas	Desha	162	32	75.7	-0.4	98	21	42	28	40	2.85	-0.04	1.30	0.0	7	8	16	6	n.	Ben Johnson
El Dorado	Union	270	37	76.8	-0.4	98	21	44	28	37	3.51	+0.36	2.00	0.0	5	20	7	3	sw.	Mrs. E. W. Gaston
England	Lonoke	229	31	74.2^{a}	-1.2	98^{a}	22	42^{a}	28	39^{a}	2.30	-1.47	0.90	0.0	9	18^{a}	6^{a}	5^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	70.6	-1.4	93	1	40	26†	32	6.95	+2.73	2.87	0.0	12	16	9	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	70.8	-1.3	93	4	38	27	30	3.77	+0.22	1.34	0.0	12	13	12	5	ne.	University of Arkans
Fordyce	Dallas	190	9	75.0	......	97	22	45	28	34	3.70	......	1.98	0.0	7	20	8	2	s.	M. G. Taylor
Fort Smith	Sebastian	448	13	74.6	+0.6	96	2	45	27	28	6.02	+3.03	3.49	0.0	14	14	6	10	e.	U. S. Weather Burea
Fulton	Hempstead	260	52	......	......	......	......	......	......	......	0.66	-1.99	0.88	0.0	4	11	15	4	......	T. J. Logan
Georgetown	White	200	25	......	......	......	......	......	......	......	5.12	+1.23	2.05	0.0	9	19	4	7	......	W. R. Putt
Gilbert	Searcy	600	12	68.8	......	94	23	36	27†	41	3.53	-0.80	0.90	0.0	7	19	3	8	......	F. J. King
Glenwood	Pike	547	2	......	......	......	......	......	......	......	......	......	......	...	..	..	..	..	......	C. A. Price
Grannis	Polk	900	18	70.3	-3.3	92	5	41	28	37	4.77	-0.05	2.72	0.0	8	16	9	5	se.	W. E. McVay
Gravette	Benton	1250	40	71.0	+0.2	102	8	38	26	37	11.32	+7.61	5.80	0.0	7	15	11	4	sw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	1	70.6	......	90	1†	41	26	30	4.95	......	2.45	0.0	7	17	7	6	s.	U. S. Forest Service
Harrison	Boone	1052	37	70.6	+0.4	94	22	37	27	35	4.67	+0.64	1.85	0.0	8	19	7	4	e.	Louis R. Keck
Helena	Phillips	300	65	73.2	-2.2	95	22	44	27†	37	4.63	+1.55	1.58	0.0	7	15	9	6	n.	James A. Burnett
Higden	Cleburne	445	18	......	......	......	......	......	......	......	......	......	......	...	..	..	..	..	......	Trumon Brown
Highland	Pike	491	18	76.2	......	97	22	45	27	33	1.04	-2.16	0.40	0.0	6	9	18	3	ne.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	74.4	-2.2	97	23	44	28	36	3.35	-0.06	1.21	0.0	6	14	12	4	ne.	Experiment Farm
Hot Springs	Garland	600	46	75.0	-0.7	98	19†	43	27	38	4.55	+1.05	2.08	0.0	7	9	19	2	s.	National Park Servi
Index ‡‡	Little River	275	20	......	......	......	......	......	......	......	2.27	-0.51	1.66	0.0	3	18	7	5	......	W. E. McDowell
Jessieville	Garland	750	11	......	......	......	......	......	......	......	3.85	+0.69	1.40	0.0	4	6	22	2	se.	U. S. Forest Service
Jonesboro	Craighead	345	42	71.6	-2.9	92	22	43	28	33	10.16	+6.75	4.63	0.0	10	15	2	13	ne.	Benedictine Sisters
Lead Hill	Boone	650	31	69.8	-2.4	97	1	34	27	41	3.54	+0.48	1.64	0.0	8	21	6	3	se.	J. H Crosswhite
LITTLE ROCK.	Pulaski	324	58	73.5	-0.6	92	22	49	28	26	5.75	+2.58	3.25	0.0	8	14	8	8	e.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	1	73.4	......	93	10	44	28	32	5.41	......	2.56	0.0	7	14	8	8	e.	Airway Observer
Lutherville ‡‡	Johnson	775	88	72.0	-2.0	94	22	42	27	30	9.88	+5.97	4.90	0.0	9	16	5	9	se.	H. G. Lenhardt
Madison	St. Francis	209	7	......	......	......	......	......	......	......	3.35	......	1.30	0.0	7	14	2	14	......	J. W. Eppes
Magnolia	Columbia	315	21	75.5	-1.1	95	21†	45	27	42	3.24	+0.81	2.30	0.0	4	8	19	3	s.	State Agri. School
Mammoth Spring	Fulton	600	33	69.5	-1.9	92	1	37	27	35	3.95	+0.42	1.40	0.0	4	14	14	2	n.	Paul Morton
Marianna	Lee	235	26	72.4	-1.7	89	5†	42	28	30	2.74	-0.77	1.58	0.0	6	9	20	1	s.	C. N. Houck
Marked Tree	Poinsett	229	33	71.5	-2.1	93	22†	42	28	35	3.69	+0.73	1.83	0.0	7	15	13	2	n.	Charles Walton
Mena	Polk	1207	49	73.2	-0.8	96	22	42	27	54	5.19	+1.27	1.77	0.0	11	12	11	7	ne.	E. W. St. John
Monticello	Drew	273	1	75.4	......	96	5†	44	28	36	1.70	......	1.52	0.0	4	13	14	3	sw.	Airway Observer
Monticello (a)	Drew	273	2	......	......	......	......	......	......	......	1.67	......	1.05	0.0	4	..	..	..	......	Soil Conservation Se
Montongo	Drew	....	2	......	......	......	......	......	......	......	3.63	......	1.53	0.0	4	20	0	10	se.	Soil Conservation Se
Morrilton	Conway	315	18	73.6	-1.4	93	21	44	28	32	4.36	+1.37	1.29	0.0	7	6	17	7	e.	Mrs. Freda M. Ashcr
Mountain Home	Baxter	800	25	70.9	-0.8	96	22	37	27	38	2.76	-1.54	0.85	0.0	7	19	5	6	n.	B. S. Halbert
Mount Ida	Montgomery	702	38	71.2	-2.9	93	21	35	27	40	4.13	+0.01	0.98	0.0	10	14	8	8	sw.	G. A. Whittington
Newport	Jackson	231	54	72.4	-1.8	95	22	41	28	36	6.13	+2.40	3.96	0.0	8	15	8	7	s.	J. D. Henderson
Norman	Montgomery	687	9	......	......	......	......	......	......	......	3.77	......	1.75	0.0	8	17	5	8	ne.	U. S. Forest Service
Oden	Montgomery	800	10	72.5	......	95	22	40^{a}	27	35^{a}	3.58	......	1.74	0.0	5	15	13	2	e.	U. S. Forest Service
Okay	Howard	288	9	76.3	......	98	21†	42	27	41	0.60	......	0.48	0.0	4	24	4	2	e.	Charles R. Jackson
Ozark	Franklin	396	42	73.2	-2.5	98	11	40	27	35	4.49	+1.68	1.75	0.0	9	11	8	11	w.	Orkney O. Milton
Paragould	Greene	275	14	......	......	......	......	......	......	......	......	......	......	..	..	..	..	.	......	W. R. Heagler
Parkin	Gross	222	7	....	......	......	......	......	......	......	3.86	....	1.87	0.0	7	15	6	9	......	Carroll King
Patterson	Woodruff	204	21	......	......	......	......	......	......	......	3.58	+0.38	2.03	0.0	8	18	5	7	sw.	W. E. Baker
Pine Bluff	Jefferson	215	50	75.2	0.0	98	22	45	28	36	4.84	+1.23	2.04	0.0	6	11	11	8	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	13	......	......	......	......	......	......	......	......	......	......	..	..	..	.	..	......	J R. Huddleston
Pocahontas	Randolph	300	44	72.2	-1.2	95	1	43	27†	35	4.04	+0.36	1.38	0.0	6	16	4	10	ne.	Benedictine Sisters
Portland	Ashley	122	31	73.2	-3.1	93	5†	42	28	35	1.48	-1.01	0.56	0.0	6	20	2	8	nw.	W E. Edmiston
Prescott	Nevada	318	49	76.2	0.0	98	22	45	28	37	2.16	-1.19	0.77	0.0	5	19	5	6	e.	Craig Williams
Rock Springs ‡‡	Drew	....	2	......	......	......	......	......	......	......	2.60	......	1.96	0.0	4	16	0	14	ne.	Soil Conservation Se
Rogers (near) ‡‡	Benton	1300	47	69.7	-1.4	92	22	37	27	32	11.12	+7.33	4.14	0.0	10	16	5	9	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	3	......	......	......	......	......	......	......	2.70	......	1.28	0.0	5	13	10	7	n.	G. A. Maddox
Russellville [Evap]	Pope	526	25	73.6	+0.2	96	22	42	27	36	6.77	+2.72	2.54	0.0	9	21	0	9	se.	U. S. Forest Service
St. Charles	Arkansas	175	4	72.4	......	91	6†	43	28	35	3.22	......	1.10	0.0	6	17	8	5	s.	U. S. Biological Surv
St. Francis	Clay	290	10	......	......	......	......	......	......	......	8.41	+3.45	5.75	0.0	8	15	5	10	......	A. Boyce Boyd, Jr.
Searcy	White	245	27	73.6	-0.7	98	22	42	28	39	3.43	0.00	1.99	0.0	11	16	6	8	se.	Walter Smith
Springbank ‡‡	Miller	240	28	......	......	......	......	......	......	......	2.98	+0.01	2.12	0.0	4	19	4	7	......	Henry Field
Story	Montgomery	650	13	......	......	......	......	......	......	......	4.17	+1.23	1.28	0.0	7	14	13	3	n.	S. C. Story
Stuttgart	Arkansas	214	50	73.8	-1.3	98^{c}	23	42	28	37^{c}	4.21	+0.71	1.82	0.0	7	21	4	5	n.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	2	73.1	......	92^{a}	22	42	28	35^{a}	4.95	......	1.41	0.0	8	..	..	..	......	Rice Experiment St
Subiaco	Logan	750	40	73.1	-1.2	97	22	39	27	36	3.35	-0.08	1.02	0.0	12	15	9	6	se.	New Subiaco Abbey
Texarkana	Miller	332	52	74.2	-2.6	100	19†	45	27	41	0.32	-2.42	0.18	0.0	2	21	5	4	s.	H. S. Brashear
Thornburg	Perry	650	17	70.9	-1.7	95	22	34	27	41	8.60	+5.10	3.53	0.0	12	19	6	5	n.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	13	69.0	......	88	22	43	26	25	2.35	-2.80	0.69	0.0	11	16	6	9	sw.	U. S. Forest Service
Waldron	Scott	675	18	......	......	......	......	......	......	......	......	......	......	...	..	..	..	..	......	Dr. Cheves Bevill
Warren	Bradley	206	43	75.5	-0.6	96	21†	44	28	36	2.72	-1.32	1.95	0.0	6	14	8	8	ne.	C. N. Turner
Whitecliffs	Little River	290	31	......	......	......	......	......	......	......	0.76	-1.83	0.50	0.0	2	24	3	3	......	L. M. Snead
White Rock ‡‡	Franklin	2285	1	65.8^{a}	......	88^{a}	22	46^{a}	27†	40^{a}	5.11	......	1.55	0.0	11	15	9	6	se.	U. S. Forest Service
Wilson	Mississippi	237	12	71.0	-2.8	91	22	40	28	35	5.05	+2.89	1.49	0.0	7	17	4	9	s.	D. O. Anderson
Wynne	Cross	250	29	72.0	-2.5	93	19†	39	28	38	4.44	+0.93	2.35	0.0	6	16	8	6	s.	B. M. Eddins
Yancopin	Desha	167	13	......	......	......	......	......	......	......	3.15	+0.42	1.27	0.0	7	17	4	9	......	W. E. Barton
State Means				72.7	-1.7	102	8	34	27	42	4.27	+0.86	5.80	0.0	7	16	8	6	s.	

Daily Precipitation for September, 1937

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser	Ouachita		1.43						2.70	.21																.61							4.95
Amity	Ouachita	.34	1.40	.71			.92										.10										.73						4.20
Arkadelphia	Ouachita	.84	.02	1.25								.03														.27	.01						2.42
Arkansas City	Mississippi		.22				.30			.05	1.48	T.														T.	.58						2.63
Batesville	White		.81	.63	1.92						.03															1.24							4.63
Bee Branch	Arkansas		.45	.91	.38					.12															.05	.60							2.51
Benton	Saline		.99	.02	T.	.52			T.	2.40	T.															.11							4.04
Bentonville***	Arkansas	.13	.03	.17	1.33	1.52		T.	4.60	5.27	.37						T.	.28	.07						1.01	.40							15.18
Big Lake Outlet	St. Francis		.68	.11	.13	1.50				T	.14	1.20														2.57	.37						6.70
Black Rock	White		.50	.41	.16	.76					.30															2.70	.12						4.95
Blytheville	St Francis		.42	.16	.35	1.47					.45	.99														2.32	.15						6.31
Booneville	Arkansas	.22	T.	2.79		T.			.06	.18	T.							.30	.18						T.	.73							4.46
Boughton	Ouachita		.23	.34																						.90	.39						1.86
Brinkley	White	.74	.31	.60						.66	.48															1.90							4.69
Calico Rock	White			1.07	1.60					.05	.17	T.														1.15	.15			.02			4.21
Camden	Ouachita	.05		.15						.03																1.08	4.00						5.31
Carthage	Ouachita																																
Clarendon	White	.05	.35	.03	.16					.02	.59	.03														2.25	.07						3.55
Clinton	White		.09	.64	1.54				.03		T.							T.							T.	1.25			T.				3.55
Conway	Arkansas		1.01	.32	.15				.54	1.62																1.58							5.22
Cornerstone	Arkansas	.26	.65	.29		.34				.31															.15	.37							2.37
Corning	White		1.07	.32	.06	1.15					.72															2.41							5.73
Cotter	White			.18	.67					.14	.75															.68							2.42
Crossett [near]	Ouachita								.50		.13															.83							1.46
Danville	Arkansas			.37	.08	.03	.08			.86	.69							T.	.12							.74	.03						3.00
Dardanelle	Arkansas	.18		.95	.90	.39	1.58			.55	.08								.04							.62							5.29
De Queen	Red	4.00	.55	1.12														.12								.06							5.85
Devil's Knob	Arkansas		.12	1.20	.35				.62	.36								.04	.09						2.19								4.97
Dumas	White	.04	.09			1.30	.07			.20	.05															1.10							2.85
El Dorado	Ouachita			.54	.59		.24		T.			.14														T.	2.00						3.51
England	Arkansas	.03	.76	.02	.03	.02			.90	.04	.08														.42					T.			2.30
Eureka Springs	White	.05	.05	1.11	.14	.50	.05		1.04	2.87	.05							.02							.05	1.02							6.95
Fayetteville	White	.06	.08	T.		.59	.02	.11	1.34	.19	.01							.13	.41					T.	.16	.67							3.77
Fordyce	Ouachita	.04	.28	.10		.09				.75															.43	1.98							3.70
Fort Smith***	Arkansas	.02	.04	.26	.45	.02		T.	.04	.30	.01					.21	.35	.42	.41						3.18	.31							6.02
Fulton	Red		.15	.05	T.						T.	T.														.38	.08						0.66
Georgetown	White		.28	.11	.04	.03				1.03	.44	.34														2.05	.80						5.12
Gilbert	White			.19	.86	.24				.52	.32	.50														.90							3.53
Glenwood	Ouachita																																
Grannis	Red	2.72	.05	.41		T.			.05	.08	.26						T.	.45								.75							4.77
Gravette	Arkansas		.11						5.80	.15	3.48							.40	.17							1.21							11.32
Green Mountain	White		.74	2.45	.05	T.			T.	.06	.10														.06	1.49							4.95
Harrison	White		.11	.01	.37	.66			.82	1.85															.40	.45							4.67
Helena	Mississippi		1.08	.36	.10					.02	1.34	.15														1.58	T.						4.63
Higden	White																																
Highland	Ouachita	.15	.20	.07						.21								.01								.40							1.04
Hope [Evap]	Red	.86	.82	.18	.23																					1.21	.05						3.35
Hot Springs	Ouachita	.15	1.72	.20		.10				2.08								T.					T.		.10	.20							4.55
Index	Red		1.66					.28																		.33							2.27
Jessieville	Ouachita		1.40			.35				1.10								T.								1.00							3.85
Jonesboro	White		.98	.17	.60	1.68	.01				.60	1.32					.05									4.63	.12						10.16
Lead Hill	White			.50	.35	.05			.25	1.64	.15														.13	.47				T			3.54
Little Rock***	Arkansas	T.	1.29		.01	.01			.32	2.97	.13							T.							.01	1.01				T			5.75
LittleRock Airway	Arkansas	.09	1.12		.01				.05	2.56	.04															1.54							5.41
Lutherville	Arkansas		.19	1.75	.40	.30			1.79	4.90								.04							.15	.36							9.88
Madison	St. Francis		.35	.18	.05	.10	T.			T.	T	.87														1.30	.50						3.35
Magnolia	Red	.14	.70	T.																					.10	2.30							3.24
Mammoth Spg	White			1.25	1.40	.20					T.															1.10							3.95
Marianna	St. Francis		.40		.02					.44	.28	.02														1.58							2.74
Marked Tree	St. Francis		.27	.22	.13	.21						.82					T.									1.83	.21						3.69
Mena	Ouachita	.04	.26	1.77	T.		.21	.02	T.	.52	.01	.42						T.	.46							1.42	.06						5.19
Monticello	Ouachita		.14	T.						.03	.01															1.52							1.70
Monticello (a)***	Ouachita			.42			.10			.10																1.05							1.67
Montongo	Ouachita			.80		.80				.50																1.53							3.63
Morrilton	Arkansas	.48		.96	.04	.08				1.29	.55								T.							.96							4.36
Mountain Home	White		.40	.65					.07	.40	.36														T.	.85				.03			2.76
Mount Ida	Ouachita	.09	.72	.58	.37	.56			.18	.53	.03							.09								.98							4.13
Newport	White		.72	.24	.39	.54					.02	.08														3.96	.18						6.13
Norman	Ouachita	1.75	T.	.20	.60	.10	.30					.10							.02								.70						3.77
Oden	Ouachita			1.74			T.		.16	.09								.27								1.32							3.58
Okay	Red	.48		.07							.04															.01							0.60
Ozark	Arkansas			.32	1.75	.05	.09		.30	.47									.40							.96	.15						4.49
Paragould	St. Francis																																
Parkin	St. Francis		.31	.25	.57	.21						.27														1.87	.38						3.86
Patterson	White		.16	.11	.19	.21			.24	.22	.42															2.03							3.58
Pine Bluff	Arkansas		.42	.72			2.04			.22	.80															.64	T.						4.84
Pine Ridge	Ouachita																																
Pocahontas	White		1.38	.22	.50	.62					.20															1.12							4.04
Portland	Ouachita		.01	.10			.56				.21	.13															.47						1.48
Prescott	Ouachita	.63	.45	.08																						.77	.23						2.16
Rock Springs	Ouachita		.10			1.96				.10																.44							2.60
Rogers (near)	White				.05	.38	.22		4.14	3.24	.34							.26	.04						.12	2.33							11.12
Rosebud	Arkansas			.30	.47				T.	.48	.17															1.28							2.70
Russellville	Arkansas		.01	1.69	.91		.25		.81	2.54								.04							.12	.40							6.77
St. Charles	White	.42	.67	T.		.04				.26	.73															1.10							3.22
St. Francis	St. Francis	T.	.40	.85	.20	.56			T.	T.	.15	.29					T.		T.							5.75	.21						8.41
Searcy	White	.03	.45	.31	.06	.38	.01			.03	.09	.05														1.99	.03						3.43
Springbank	Red	2.12	.03		T.	T.			T.																	.08	.75						2.98
Story	Ouachita	.68	.20	.23			.96			.70									.12							1.28							4.17
Stuttgart	Arkansas		.41	.36	.46	.03				.68	1.82															.45							4.21
Stuttgart [Evap]	Arkansas		.54	.16	.12	.26				1.02	1.41	T.	T.													1.41	.08						4.95
Subiaco	Arkansas	.04	.12	1.02	.05	.35	.01		.37	.04								.21	.09						.05	1.00							3.35
Texarkana	Red		.14																							.18							0.32
Thornburg	Arkansas	.01	.13	.21	.16	1.50	.02		1.98	3.53	.01							.03							.20	.82							8.60
Turnpike	Arkansas		.24	.16	.09				.41	.69	.02						T.	.04	.11				.06		.19	.34							2.35
Waldron	Arkansas																																
Warren	Ouachita		.09	.36		T.	.08				.19													.05		1.95							2.72
Whitecliffs	Red	.50	.26																							T.							0.76
White Rock	Arkansas	.55	.10	.70	.35	.47			.65	.10								.20	.30						.14	1.55							5.11
Wilson	Mississippi		.40	.15	.45	1.04						1.30														1.49	.22						5.05
Wynne	St. Francis		.33	.07	.32							.87														2.35	.50						4.44
Yancopin	Arkansas	.01	.15	.11			1.27			.80																.09	.72						3.15

Daily temperatures for September, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Alum Fork	Maximum	91	80	86	86	88	89	88	89	92	87	84	87	88	86	88	90	73	85	93	87	90	94	87	87	77	69	69	75	82	84	
	Minimum	69	70	68	70	67	69	67	68	65	65	67	54	54	52	53	50	52	49	57	63	60	60	63	64	56	49	52	41	45	49	
Amity §§	Maximum	84	80	..	90	90	84	88	90	90	82	83	87	82	81	89	81	68	85	94	87	92	95	90	90	69	69	69	75	82	84	
	Minimum	72	71	71	..	71	72	70	70	70	74	67	61	61	56	56	59	56	53	55	64	63	63	66	68	66	51	44	44	45	51	
Batesville	Maximum	93	84	84	86	83	81	86	89	84	93	85	84	81	83	89	79	74	83	92	85	92	95	89	87	75	69	70	76	83	85	
	Minimum	72	73	73	74	73	68	66	68	72	74	66	57	58	49	59	62	55	53	58	59	57	63	64	70	58	47	40	41	49	51	
Bee Branch	Maximum	98	87	84	82	83	83	86	85	84	89	90	85	78	82	89	85	78	82	89	85	88	88	94	87	77	77	67	74	80	82	
	Minimum	72	72	70	71	71	68	65	68	72	73	66	58	60	50	58	62	54	52	55	61	62	63	63	69	56	48	41	40	46	50	
Benton	Maximum	91	81	89	90	92	91	88	90	90	90	85	92	81	83	91	81	73	84	91	88	93	96	89	88	80	71	73	79	84	86	
	Minimum	75	72	71	72	71	74	68	70	73	72	66	59	59	54	57	61	54	52	55	63	65	62	64	66	56	50	41	42	46	48	
Bentonville ***	Maximum	88	89	88	92	82	80	79	73	77	84	80	76	77	80	86	74	69	83	84	82	87	91	86	77	67	63	69	76	82	82	
	Minimum	70	68	73	71	70	70	70	67	68	66	61	57	52	58	62	53	51	56	61	60	59	65	70	57	47	40	40	46	54	59	
Blytheville	Maximum	91	87	89	92	85	77	83	85	86	89	89	87	80	82	84	78	81	82	90	82	93	93	89	86	82	76	69	76	82	86	
	Minimum	72	72	71	70	68	65	65	67	68	72	66	56	56	48	56	58	56	47	58	57	58	65	65	61	57	46	41	40	47	52	
Booneville	Maximum	83	80	91	92	86	85	92	82	86	92	84	82	80	85	91	85	73	85	93	92	88	96	89	84	78	72	70	80	82	88	
	Minimum	71	69	69	74	73	72	71	72	73	73	64	55	56	55	57	62	55	57	59	64	61	65	73	70	58	47	39	47	51	57	
Brinkley	Maximum	90	82	89	89	87	84	89	93	85	92	87	89	81	84	90	92	76	85	92	90	94	94	89	90	79	71	72	78	83	83	
	Minimum	72	71	71	71	72	67	66	67	73	73	69	55	59	47	56	62	50	50	56	62	62	66	61	68	57	49	43	39	45	48	
Camden	Maximum	94	84	93	91	92	90	92	93	95	95	93	92	92	87	90	87	81	89	94	94	95	99	92	89	78	72	73	80	84	85	
	Minimum	72	72	70	71	71	71	70	73	75	75	56	57	58	56	57	60	54	53	55	62	61	63	66	65	61	50	45	44	48	50	
Conway	Maximum	92	87	88	89	87	87	85	89	84	93	88	91	75	76	92	86	75	86	91	93	95	97	90	91	83	68	64	79	85	83	
	Minimum	71	73	72	72	72	69	67	70	72	73	66	58	59	53	59	61	56	52	58	62	62	63	67	68	60	49	43	43	48	50	
Cornerstone	Maximum	89	81	89	89	92	86	88	89	88	90	85	88	81	81	86	81	76	84	91	91	95	94	90	91	77	70	71	77	83	84	
	Minimum	71	72	71	71	73	70	66	70	73	73	69	55	59	48	54	60	50	49	55	61	63	66	60	69	60	49	40	38	44	47	
Corning	Maximum	96	86	90	84	78	78	84	85	85	92	79	85	76	82	87	78	75	84	91	85	93	91	92	87	76	70	72	77	82	86	
	Minimum	70	70	72	73	68	66	67	70	70	72	62	54	55	46	58	59	49	45	57	55	53	61	62	67	56	45	37	39	46	49	
Crossett	Maximum	89	90	85	94	96	90	90	93	94	95	87	90	85	86	90	90	83	87	90	98	99	95	93	93	85	73	70	73	85	87	
	Minimum	70	70	70	67	70	70	70	70	71	73	70	56	59	50	55	57	56	52	52	60	63	65	60	65	60	51	43	39	47	49	
Dardanelle	Maximum	94	89	88	97	90	85	87	90	85	92	90	88	82	82	90	83	78	87	92	89	92	94	90	84	77	70	72	77	84	85	
	Minimum	72	73	71	73	72	70	70	71	72	73	67	57	58	55	59	63	60	56	60	62	62	63	70	61	60	50	42	44	48	52	
De Queen	Maximum	86	86	91	91	93	87	90	91	93	91	88	90	85	82	90	88	75	86	96	93	95	95	91	89	82	74	73	78	85	87	
	Minimur	70	71	71	71	72	74	74	73	73	74	70	57	56	58	59	62	58	57	57	64	63	68	71	67	64	51	44	47	53	55	
Devils Knob	Maximum	88	82	79	78	81	81	81	74	76	83	79	72	75	74	84	75	67	76	..	..	..	..	..	..	..	..	..	67	76	77	
	Minimum	68	68	67	68	67	66	65	67	68	69	60	60	54	55	60	57	49	51	..	..	..	..	..	..	..	..	..	46	56	60	
Dumas	Maximum	89	89	94	94	96	87	92	92	92	95	92	92	85	87	92	84	80	89	95	96	98	97	92	95	86	72	74	82	86	86	
	Minimum	73	72	72	70	73	70	68	73	75	74	71	58	60	53	56	62	53	53	56	63	66	68	63	68	59	50	43	42	47	52	
El Dorado	Maximum	94	88	94	93	95	91	92	93	94	95	88	91	88	87	91	95	83	86	95	97	98	97	93	92	76	73	74	79	85	85	
	Minimum	73	71	72	71	71	73	71	73	75	76	74	59	59	59	61	61	58	54	58	66	63	69	70	71	72	53	46	44	48	52	
England	Maximum	93	76	88	89	93	90	88	91	86	92	86	89	84	84	89	83	76	86	93	93	95	98	92	82	72	..	74	80	87	87	
	Minimum	73	72	70	71	72	70	67	68	74	73	68	57	60	52	58	64	52	52	58	64	64	65	66	59	50	..	43	42	48	52	
Eureka Springs	Maximum	93	89	90	88	81	80	83	76	75	85	81	77	77	81	86	76	69	82	85	83	87	91	85	77	69	65	69	76	82	82	
	Minimum	70	68	69	70	69	69	67	68	67	70	59	58	53	55	62	53	52	56	64	59	60	65	70	68	53	40	40	44	56	61	
Fayetteville	Maximum	87	91	88	93	85	80	80	78	79	84	81	76	77	78	86	83	71	80	83	84	87	90	85	80	72	64	68	74	80	82	
	Minimum	69	66	73	72	70	70	69	70	69	73	60	55	51	55	60	53	50	56	67	59	58	63	72	69	54	40	38	45	51	60	
Fordyce	Maximum	91	90	90	94	91	88	89	92	92	92	93	86	83	83	89	85	79	87	92	94	95	97	90	89	74	75	75	76	82	84	
	Minimum	73	71	70	71	70	69	68	73	72	74	72	59	63	57	59	63	55	54	58	63	65	65	67	68	61	51	46	45	50	54	
Fort Smith***	Maximum	87	96	90	94	95	83	86	86	88	90	86	83	81	82	91	84	69	85	90	87	90	92	90	77	72	66	70	77	84	85	
	Minimum	74	71	73	75	73	73	73	74	73	72	65	61	59	61	63	60	56	59	63	67	66	70	73	67	58	50	45	49	56	59	
Gilbert	Maximum	89	92	84	86	87	87	86	84	85	76	80	90	87	89	82	89	79	71	88	89	85	90	94	89	84	72	66	68	75	80	
	Minimum	67	66	68	66	66	60	62	62	65	66	48	57	60	58	47	48	50	49	59	50	45	55	57	56	52	39	36	36	37	42	
Grannis	Maximum	80	87	90	91	92	86	89	89	90	87	86	75	83	81	90	74	67	72	90	80	81	81	78	78	78	60	60	73	68	83	
	Minimum	67	68	68	68	68	71	71	68	70	70	63	53	54	52	55	67	54	51	53	62	69	67	66	61	54	47	47	41	47	49	
Gravette§§	Maximum	90	96	98	97	99	98	102	95	79	86	83	80	79	85	92	77	72	87	85	86	93	97	91	80	70	66	75	78	86	87	
	Minimum	69	66	67	71	68	70	72	68	68	69	57	55	52	55	58	52	49	51	59	60	60	60	64	69	51	38	40	44	51	54	
Green Mountain	Maximum	90	82	83	85	83	78	82	80	76	88	80	78	75	79	85	76	68	79	86	80	88	90	85	82	71	65	66	72	77	81	
	Minimum	72	70	69	71	70	70	65	69	69	71	64	54	56	56	61	59	59	54	63	64	63	68	70	67	52	41	42	42	52	60	
Harrison	Maximum	91	87	89	92	80	84	83	78	74	89	82	79	88	80	86	76	75	85	85	82	89	94	87	85	70	64	65	73	79	80	
	Minimum	72	70	72	68	69	68	65	68	70	70	62	55	54	52	60	54	54	57	62	59	55	59	65	66	54	41	37	43	51	52	
Helena	Maximum	86	83	88	89	86	83	86	89	87	89	91	86	77	77	85	82	74	82	87	87	94	95	94	88	79	69	75	79	87	83	
	Minimum	73	71	71	70	73	66	65	68	73	72	70	55	61	51	57	62	49	51	59	64	67	70	66	70	58	48	44	44	50	57	
Highland	Maximum	88	85	93	93	95	90	93	90	94	90	88	91	84	84	90	86	80	86	95	92	96	97	90	93	85	72	72	76	85	85	
	Minimum	70	75	75	71	76	71	71	70	73	75	74	63	59	63	60	66	58	54	62	66	65	69	70	68	61	50	45	47	54	58	
Hope §§	Maximum	88	87	93	90	92	90	90	92	86	90	81	91	84	83	90	88	78	87	94	92	94	97	92	90	71	72	72	79	84	86	
	Minimum	72	72	72	71	72	72	72	72	74	75	71	58	60	57	58	60	56	54	58	61	62	65	71	69	68	52	46	44	48	52	
Hot Springs	Maximum	95	75	95	90	89	88	92	90	90	94	88	88	83	84	92	85	73	89	98	90	95	96	98	88	75	72	73	81	86	89	
	Minimum	72	71	70	74	72	72	70	70	72	73	66	58	61	54	59	65	57	52	60	65	64	65	67	68	60	52	43	44	48	54	
Jonesboro	Maximum	90	83	87	82	81	76	85	87	86	90	84	84	77	81	85	76	71	83	90	81	91	92	89	86	77	67	67	76	81	84	
	Minimum	72	71	72	71	70	65	67	68	72	71	66	58	59	50	60	59	54	51	62	59	60	64	63	66	56	48	47	43	48	52	
Lead Hill	Maximum	97	86	93	92	85	78	77	79	77	90	84	81	80	82	89	79	73	88	90	86	91	96	90	82	72	67	70	77	83	73	
	Minimum	69	78	72	67	71	68	62	67	68	70	57	53	51	44	55	49	55	51	55	52	52	55	63	60	53	37	34	38	48	47	
Little Rock.***	Maximum	89	76	87	87	86	84	85	86	86	89	83	85	78	80	87	79	71	82	88	87	87	92	87	86	76	67	68	74	80	81	
	Minimum	73	71	71	72	73	70	68	72	73	74	69	63	63	59	62	63	58	57	62	65	67	69	71	70	59	53	49	49	54	59	
Little Rock [Airway]	Maximum	90	76	88	89	88	87	87	88	87	93	85	88	80	80	89	81	73	85	91	88	90	94	89	90	77	69	70	75	80	83	
	Minimum	72	71	71	73	72	69	67	70	73	73	69	59	61	55	59	65	56	54	57	63	65	62	65	67	59	52	48	44	50	51	
Lutherville	Maximum	92	85	83	80	88	82	86	83	83	88	85	84	80	79	87	81	72	83	89	87	90	94	88	81	72	67	69	72	80	83	
	Minimum	72	72	70	71	70	70	68	69	70	71	64	57	58	54	60	64	56	54	60	63	63	65	68	67	57	48	42	45	50	54	
Magnolia	Maximun.	92	89	90	92	93	93	91	92	92	93	90	88	85	85	88	89	82	85	92	94	95	94	95	88	81	80	74	78	83	85	
	Minimum	72	71	70	70	71	71	72	72	73	72	72	56	57	59	58	61	56	54	56	65	53	67	70	69	61	56	45	46	50	55	
Mammoth Spring.	Maximum	92	83	80	90	85	82	85	85	81	91	83	80	76	80	85	75	71	81	86	81	87	91	86	86	78	61	67	72	78	81	
	Minimum	70	71	70	71	70	64	64	69	70	72	61	52	56	47	56	56	53	48	54	56	52	60	60	63	54	42	37	38	49	47	
Marianna	Maximum	86	81	86	87	89	89	84	87	85	89	86	85	85	76	84	81	72	80	87	87	89	89	85	86	82	67	67	72	77	78	
	Minimum	74	73	73	73	68	68	67	69	75	74	71	60	60	51	58	65	53	54	59	59	65	66	66	73	59	46	46	42	49	53	
Marked Tree§§	Maximum	90	82	83	82	82	75	87	89	87	88	83	87	77	79	86	77	73	82	91	85	93	93	88	88	64	67	70	77	82	85	
	Minimum	73	72	72	72	72	65	69	67	72	73	67	58	58	49	57	60	53	51	58	59	60	64	61	66	60	49	44	42	47	50	
Mena	Maximum	81	91	91	91	94	83	86	90	91	84	84	85	82	81	89	82	71	84	91	86	91	96	89	84	75	69	71	79	84	85	
	Minimum	71	69	68	71	70	72	70	71	71	72	65	58	59	55	58	62	52	55	63	63	62	65	70	65	58	50	42	45	50	52	
Monticello.	Maximum	90	87	91	92	96	86	91	94	91	94	88	90	85	84	88	86	80	87	92	95	96	96	92	92	80	72	73	79	84	85	
	Minimum	72	72	72	70	71	70	68	72	74	72	68	58	62	56	58	62	53	54	58	66	66	69	68	68	61	50	48	44	48	54	
Morrilton	Maximum	92	88	87	87	90	85	85	85	84	90	87	87	84	82	89	87	85	85	89	89	93	88	87	85	80	75	71	73	80	82	
	Minimum	70	72	71	74	72	70	68	69	72	72	68	62	61	55	61	64	56	54	58	63	61	62	70	66	59	50	45	44	48	53	
Mountain Home	Maximum	92	82	85	87	81	82	84	84	75	91	85	82	80	84	90	79	73	85	90	86	93	96	91	89	71	66	70	77	82	86	
	Minimum	72	70	70	67	70	66	62	67	70	71	60	53	55	49	58	56	55	52	56	55	55	60	66	65	53	44	37	40	52	50	
Mt. Ida	Maximum	88	84	90	88	89	88	89	88	88	89	87	88	86	83	92	78	69	85	87	88	93	90	91	89	78	68	70	76	80	83	
	Minimum	69	70	69	69	68	70	69	68	71	71	64	51	50	49	53	58	51	50	51	58	55	58	65	63	58	44	35	36	41	44	
Newport	Maximum	91	83	86	83	84	81	87	90	82	90	86	86	81	83	89	80	75	84	89	87	94	95	90	90	77	69	70	76	81	85	
	Minimum	73	73	73	74	72	68	66	66	73	74	65	56	59	49	57	61	55	51	59	59	58	64	62	63	57	49	44	41	48	50	
Oden	Maximum	83	88	86	88	87	84	87	88	88	84	84	85	82	81	89	84	66	82	92	88	91	95	88	85	72	69	71	75	82	84	
	Minimum	71	69	69	72	71	71	69	70	72	73	66	56	57	54	58	63	55	52	57	62	59	63	70	68	59	47	40	42	47	..	
Okay	Maximum	89	90	92	93	95	90	90	93	94	93	91	92	93	85	91	89	89	87	96	96	98	98	92	92	84	80	75	80	86	88	
	Minimum	71	71	69	70	71	72	73	71	73	73	71	60	54	57	59	61	60	54	55	60	61	65	73	71	64	50	42	45	50	51	
Ozark	Maximum	92	93	82	87	90	82	82	85	87	90	98	87	72	82	91	88	75	85	91	89	91	93	90	74	76	70	70	76	81	85	
	Minimum	73	73	70	70	71	70	70	72	71	72	63	55	55	55	58	60	55	53	57	60	62	64	70	68	74	46	40	47	50	54	
Pine Bluff	Maximum	91	78	90	91	92	86	86	89	85	90	85	90	81	82	89	82	77	88	94	94	96	98	92	88	77	71	73	79	86	88	
	Minimum	75	73	72	72	74	72	69	73	75	74	72	60	62	57	61	61	58	56	60	65	67	68	67	69	60	52	48	45	50	58	
Pocahontas	Maximum	95	86	87	87	82	79	87	89	86	92	84	83	80	81	86	78	72	83	90	85	92	94	91	90	82	68	70	75	81	84	
	Minimum	73	71	72	73	71	65	67	70	72	73	68	55	58	50	58	61	53	48	57	58	58	63	63	65	55	48	43	43	49	51	
Portland	Maximum	87	88	88	90	93	89	88	92	92	92	85	84	82	80	86	86	78	81	87	91	93	92	88	90	81	70	70	76	81	81	
	Minimum	72	71	69	66	70	70	68	71	71	71	72	58	60	54	56	60	52	53	54	59	68	65	61	66	61	51	44	42	46	49	

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preced

Weather Bureau Office, Little Rock, Ark. 11-12-

Daily temperatures for September, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott	Maximum	90	88	94	93	93	90	89	93	95	92	89	92	88	83	91	89	82	89	97	92	96	98	93	91	86	72	72	79	85	85		88.9
	Minimum	72	72	72	71	72	72	70	72	75	74	70	61	59	58	59	64	56	55	60	63	64	67	69	68	62	52	47	45	50	54		63.5
Rogers	Maximum	90	89	87	90	81	77	80	76	76	83	79	75	77	79	85	77	67	81	85	84	87	92	84	78	71	65	69	74	81	82		80.0
	Minimum	70	66	71	70	70	68	68	69	68	69	59	54	52	53	58	53	50	55	61	60	57	60	69	68	58	38	37	43	52	56		59.4
Russellville [Evap]	Maximum	94	90	86	86	90	84	88	88	85	91	88	87	82	82	90	88	81	86	91	88	91	96	91	85	75	70	72	76	84	86		85.7
	Minimum	73	73	71	73	64	70	71	70	73	74	66	58	57	55	58	61	58	57	58	61	61	63	66	65	60	49	42	43	48	51		61.6
St. Charles	Maximum	87	82	89	86	89	91	87	89	86	90	87	85	86	85	86	86	74	80	87	90	90	91	87	89	83	68	69	75	80	81		84.5
	Minimum	70	72	71	71	71	68	67	70	74	73	59	54	55	50	52	51	52	52	56	63	66	69	63	67	59	50	44	43	47	53		60.4
Searcy	Maximum	92	84	88	86	84	84	90	92	86	92	87	88	80	85	92	85	75	87	95	88	95	98	92	85	75	69	71	79	85	86		85.8
	Minimum	73	73	72	78	72	69	67	68	72	74	68	56	62	50	57	63	53	51	56	64	61	63	62	67	60	50	44	42	48	50		61.5
Stuttgart	Maximum	92	81	91	91	91	84	86	85	88	92	86	16	78	81	88	76	68	86	92	91	82	94	98	88	79	..	..	..	..	..		86.2
	Minimum	72	71	70	70	73	69	67	70	72	72	71	57	60	52	51	62	53	52	58	63	65	65	62	68	60	50	45	42	47	52		61.4
Subiaco	Maximum	93	87	87	88	90	86	89	86	89	89	88	86	83	82	90	85	72	88	90	89	92	97	93	85	76	69	71	79	85	88		85.7
	Minimum	70	69	68	70	70	67	68	70	70	71	63	60	55	54	60	62	53	54	57	60	60	62	67	65	56	47	39	44	49	55		60.5
Texarkana	Maximum	84	90	94	95	96	92	92	93	95	93	90	94	87	90	92	93	84	88	100	98	100	99	97	92	90	87	80	83	90	90		84.9
	Minimum	71	72	71	72	72	71	72	73	73	74	73	57	59	60	62	64	59	56	59	62	62	64	63	64	61	56	45	48	52	55		63.4
Thornburg	Maximum	93	83	88	86	91	87	88	89	84	89	85	86	81	83	89	81	73	84	93	87	92	95	87	86	73	70	71	77	82	85		84.6
	Minimum	66	71	69	69	67	67	67	65	70	72	64	52	50	47	53	56	50	47	55	55	54	56	68	66	56	44	34	37	41	47		57.2
Turnpike	Maximum	87	77	76	76	78	78	80	77	74	83	78	78	75	75	82	73	67	75	85	82	85	88	81	74	70	68	66	68	71	78		76.8
	Minimum	70	69	68	69	68	66	63	68	68	70	63	64	55	55	63	57	49	51	65	58	63	69	67	66	50	43	44	47	65	60		61.1
Warren	Maximum	90	85	90	92	94	94	91	93	89	94	87	88	89	91	88	86	79	86	93	94	96	96	92	91	82	72	70	78	83	84		87.9
	Minimum	73	71	71	71	72	71	69	75	74	73	73	59	60	57	60	64	55	54	57	63	66	68	66	67	60	52	47	44	49	52		63.1
White Rock	Maximum	81	84	78	82	77	76	81	77	78	83	76	73	71	76	83	76	66	76	82	80	83	88	81	73	68	68	62	67	74	..		76.6
	Minimum	64	74	67	65	65	65	66	58	57	58	58	53	56	56	56	56	48	48	48	48	53	48	48	48	48	47	46	46	46	..		55.0
Wilson	Maximum	88	84	87	78	78	74	81	86	88	86	83	83	85	78	84	76	71	80	86	84	88	91	88	87	80	66	67	75	81	83		81.5
	Minimum	72	72	73	72	68	64	65	67	72	72	65	63	57	49	58	60	52	50	60	58	60	63	63	68	61	49	44	40	47	53		60.6
Wynne	Maximum	91	82	82	85	84	80	88	90	85	87	85	87	77	82	89	79	74	84	93	87	93	90	93	91	79	68	70	76	83	84		83.9
	Minimum	69	71	71	70	71	65	64	64	72	71	66	52	58	44	55	61	61	52	57	61	62	66	65	68	63	45	41	39	45	55		60.1

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for ~~August,~~ Sept 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.218	.201	.119	.210	.190	.238	.171	.203	.236	.170	.303	.338	.273	.249	.157	.340	.302	.238	.239	.289	.240	.323	.149	.272	.216	.134	.187	.201	.170	.211		6,787
	Mean tem.	80	80	82	80	82	81	81	82	80	82	76	74	72	70	74	74	67	70	76	76	78	81	82	80	70	62	59	62	66	69		74.4
	Wind move	21	26	21	12	24	31	23	18	41	42	16	51	34	22	25	27	23	37	19	30	25	12	17	30	41	29	21	13	28	8		767
Russellville [Ozark Nursery]	Evap.	.180	.162	....	.104	.102	.160	.188	.230	.294	.182	.298	.122	.202	.180	.180	.144	.034	.384	.060	.328	.130	.170	.248	.100	.200	.098	.204	.160	.162	.180		5.365
	Mean tem.	84	82	78	80	77	77	80	79	79	82	77	72	70	68	74	74	70	72	74	74	76	80	78	75	68	60	57	60	66	68		73.6
	Wind move	30	38	16	15	36	13	25	18	21	33	44	41	19	18	32	28	23	10	34	25	20	18	28	14	68	44	26	23	27	20		801
Stuttgart [Rice Exp. Farm]	Evap.	.205	.168	.074	.065	*	.191	.150	.110	.118	.066	.163	.206	.202	.172	.130	.159	.196	.140	.169	.187	.172	.177	.191	.195	.048	.084	.142	.128	.130	.125		4.263
	Mean tem.	81	78	80	..	81	76	78	80	80	82	78	72	70	66	71	70	64	68	74	76	78	80	76	78	69	60	57	60	66	68		73.1
	Wind move	42	85	74	63	*	74	26	11	15	26	62	41	33	36	12	30	39	28	37	35	34	41	37	57	47	78	33	23	18	15		1,152

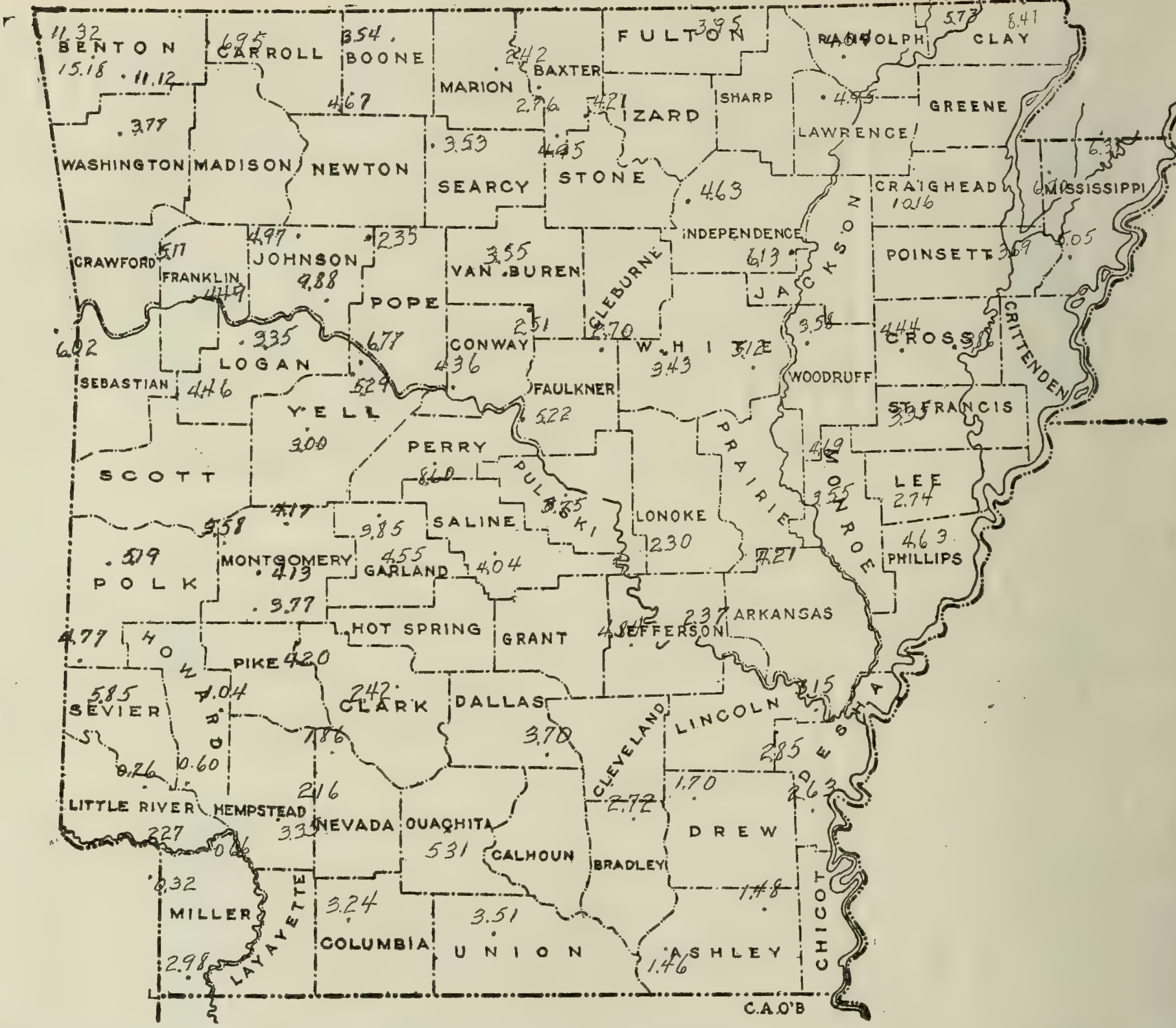
Daily River Stages for September, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.2	5.9	5.8	5.8	5.9	5.8	5.7	5.6	5.8	5.8	7.1	13.8	14.8	13.7	12.0	11.3	10.7	9.8	9.2	9.4	9.0	7.8	7.2	6.6	7.3	8.2	7.2	6 3	6.2	6.2	
Van Buren	do	22	5.6	5.3	5.3	5.3	5.3	5.0	4.7	4.6	5.1	5.2	6.3	13.0	14.7	13.6	12.0	10.9	10.5	9.5	8.7	8.8	8.5	7.3	6.7	6.2	6.8	7.8	6.9	6.3	5.4	5.0	
Danville	Petit Jean.	20	1.9	1.8	1.8	6.9	14.3	9.0	12.8	10.2	4.8	9.8	9.3	5.3	4.2	3.6	3 3	3.0	2.8	2.7	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.3	4.0	4.0	3.2	2.8	
Ozark	Arkansas.	22	1 8	1.5	1 3	1 8	1.3	1.5	1.0	0.8	1.0	1.2	1 3	3.7	10 9	9 5	8.6	6.9	6.4	5.6	4.8	4.2	4.5	3.7	2.8	2.2	2.1	3.2	3.1	2.5	1.8	1.4	
Dardanelle	do	22	5.0	4.6	4.4	4.5	4.9	4 8	4.4	3 9	4 3	4.6	4.3	4 2	9.7	12.9	11 7	10.6	9.3	9.0	8.1	7.4	7.1	7.2	6.4	5.6	5.1	5.1	6.2	5.8	5.2	4.5	
Morrilton	do	20	1 0	0.9	0.5	0.5	0.7	1.3	1.0	0.7	0.4	1.4	1.1	0.8	1.0	9.2	9.2	8.0	6.4	5.6	4.7	4.2	3.4	3 3	3.1	2.1	1.4	1.1	1.4	2.2	1.6	1.0	
Little Rock.	do	23	0.9	1.1	1.2	0.8	0.8	0.9	1.5	1.2	1.5	1.6	2.2	1.8	1.4	3.7	8.7	8 3	7.2	5.9	5.4	4.7	4.0	3.4	3.4	3.0	2.2	1.7	1.3	1.8	2.2	1.8	
Pine Bluff	do	25	4.9	4.8	5.0	5.0	4.7	4 7	4.8	5.4	5.1	5.2	5.5	6.0	5.7	5.3	9.8	12.8	12.2	10.9	9 9	9.3	8.6	7.8	7.2	7.1	6.8	5.9	5.5	5.2	5.6	5.9	
Gilbert	Buffalo	30	2.5	2.5	2.6	2.7	2.8	2.7	2.7	2.6	2.6	2.7	2.7	2.7	3.2	3.3	3.2	3 2	3 0	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.9	3.0	3.0	2.9	2.9	2.9	
Doniphan, Mo.	Current	10	2.2	2.2	2.4	2.4	2.4	2.3	2.2	2.2	2 1	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Black Rock	Black	14	1.6	1.6	1.8	2.0	6 8	3.3	2.7	2.4	2 2	2.1	2.1	2.4	2.7	2.0	1.9	1.9	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.9	2.0	1 8	1.7	1.6	1.6	
OzarkBeachMo	White	30	-0.8	-0.8	-0.8	-0.8	-0.1	-0-8	1.0	-0.5	1.0	6.2	10.8	6.0	4.6	2.4	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	-0.7	-1.0	-0.7	-0.2	-0.8	-0.8	-0 8	1.0	-0.8	-0.8	
Cotter	do	21	2.7	2.6	2.6	2.8	2.8	2.8	2.8	3.0	3.0	3.2	4.6	7.5	6.9	5.8	4.8	4.2	3.6	3.5	3.5	3.5	3.5	3.2	3.2	3 2	3.2	3.5	3.5	3.2	3.0	3.0	
Calico Rock	do	18	0 0	-0.2	0.1	0.0	0.2	0.2	0.1	-0.1	0.2	0.5	1.1	8.4	6.0	3.8	3.1	2.4	1.5	0.6	0.6	1 0	0.9	0.3	0.2	0 2	0 3	0.5	0.5	0.2	0.0	0.1	
Batesville	do	23	4.6	4.4	4.6	6.4	5.9	5.1	4.8	4 6	4.4	4.6	5.0	5.6	13.5	10.4	8.5	7.9	7.1	6 0	5.2	5.0	5.2	5.2	4.9	4.7	5.2	5.3	5.0	5.0	4.7	4.6	
Newport	do	26	0 3	0.3	0.3	0.3	2.0	4.3	3 5	2.0	1.3	0 8	0.9	1.1	5.9	7.9	5.9	4.4	3 4	2.7	1.7	1.0	0.8	0.8	0.8	0.5	0.9	1.8	1.7	1.2	0.9	0.6	
Georgetown	do	21	1.0	1.0	1.0	1.0	1.0	1.4	4.5	5.3	6.7	3 8	3.0	2.3	2.1	3.2	6.9	7 5	6.6	5.7	4.8	4 0	3.1	2.3	2.0	1.8	1 8	1.8	2.0	2.3	2.5	2.4	
Clarendon	do	26	7.8	7.7	7 6	7.6	7 5	7.5	7.6	9.2	10.4	11.0	10.6	10.0	9.5	9.0	9.2	11.0	12.5	12.9	12.6	12.1	11.2	10.4	9.7	9.1	8.9	8.7	8.5	8.5	8.7	8.9	
Arkadelphia	Ouachita	17	3.7	4.5	7.6	5 2	4.5	4.3	4.6	4.1	4.2	4.4	4.7	4.0	3.8	3.6	3.7	4.4	4.1	4.5	4.4	4.0	3 7	4.7	4.6	5.6	6.9	4.5	3 9	4.4	4.2	4.3	
Camden	Ouachita	26	3.9	4.0	4.5	7.6	8.0	6.5	5.5	4.8	4.6	4.4	4.4	4.4	4.6	4.4	4.2	4.0	4.9	4.0	4.3	4.4	4.4	4.1	4.0	4 4	4.7	5.3	5 6	4.6	4.2	4.5	
Whitecliffs	Little River	25	3.0	8 0	8.7	9.3	8.0	5.4	4.0	4.8	5.0	4.8	3.5	5.4	4.7	3.5	2.4	1.9	1.7	1.6	1.5	1.3	1.2	1.1	1.0	1.0	1.0	1.0	1.0	8.7	5.0	3.7	
Index	Red	25	10.2	10.2	10.2	9.8	9.5	9.1	8.9	8.6	8.6	8.4	8.1	7.9	7 8	7 6	7.5	10.8	10.6	11.0	9.6	9.0	8.6	8.3	8.2	8.1	7.5	7.3	7.2	7.1	6.9	6.6	
Fulton	do	25	10.2	10 1	10.6	10.8	10.3	9.9	9.4	8.8	8.8	8.8	8.7	8.7	8 3	7.9	7.4	8.8	10.2	9.7	9.2	8.7	8.3	7.9	7.5	7.2	6.9	6.6	7.3	9.0	8.2	7 3	
Big Lake Outl't	Little River.	10	3.7	3.7	3.7	3.7	4.0	4.1	4.2	4.2	4.2	4.2	4.3	4.2	4.2	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3 9	4.1	4.1	4.3	4.3	4.4	
St. Francis	St. Francis.	18	3.4	3.6	3.4	3.6	3.7	3.8	3.8	3.9	4.8	4.0	3.9	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3 5	3.5	3.4	5.7	6.5	6.1	5.9	5.4	5.1	
St. Francis L.L.	do	..	19.6	19.6	19.7	19.7	19.8	19.9	20.0	20.1	20.1	20.1	20.2	20.3	20.3	20.2	20.2	20.1	20.0	19.9	19.9	19.8	19.8	19.8	19.8	19 7	19.8	20.0	20.1	20.3	20.5	20.6	
Marked Tree	do	17	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0 3	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0 5	0.5	0.5	0.5	0.5	0.5	0.7	0.9	1.0	1.0	
Parkin	do	28	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.6	1.8	2.0	2.0	1.9	1.9	
Madison	do	32	2.2	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.4	2.4	2.6	2 6	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2 2	2.4	2.7	3.0	2.9	2.7	
Helena	Mississippi.	42	10.2	10.7	10.9	11.1	11.2	11.0	9.7	7.9	7.4	8.2	8.7	9.0	9.0	9.2	9.3	9.2	9.2	9.0	7.9	6.4	5.6	5.0	4.8	4.8	4 9	4.3	3.4	2.7	2.7	2.6	
Arkansas City.	do	42	5.7	6.3	6.7	6.9	7.2	7.3	7.2	6.6	5.3	4.5	4.7	5.2	5.5	5.8	5.9	5.9	7.0	7.8	7.9	7.0	5.7	4.7	3.9	3.3	2 9	2.8	2.8	1.9	1 1	0.8	

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24 hours ending 7 a. m. Data in italics interpolated. *Included in next measurement.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for September, 1937



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII Little Rock, Ark., October, 1937 No. 10

Price: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

Temperature means were below normal this month. The mean temperature based on the reports of 66 stations was 60.8°, which is 1.7° below the 47-year mean. Monthly means ranged from 64.6° at Texarkana to 56.8° at Mammoth Spring. High temperatures were reported at nearly all stations on the 6th, the highest being 96° at Subiaco. Lowest temperatures for the month occurred on the 23d at nearly all stations, the lowest being 17° at Lead Hill. Heavy to killing frost occurred on the morning of the 23d over the entire State.

The average precipitation for the 96 stations reporting was 4.66 inches which is 1.45 inches above the 47-year mean. Precipitation was above normal in all but the northwestern and extreme west-central counties, and northern Garland, and southwestern Pike counties. Monthly totals ranged from 9.05 inches at Portland in Drew County to 0.98 inch at Highland in Pike County. The greatest 24-hour rainfall reported was 3.40 inches at Marianna on the 17th. The first snowfall of the season was a trace on the 22d recorded at Green Mountain in Stone County. There were four rainy periods during the month. From the 2d to the 4th, rainfall ranged from less than a quarter of an inch over the extreme western and northwestern counties to over 4 inches in Ashley, Independence and Randolph counties in the eastern portion. On the 9th light rains were reported over the State except in Benton and Boone counties where more than an inch occurred. On the 12th and 13th light rains fell in all except the extreme northern counties. From the 17th to the 19th rainfall was general over the State, ranging from less than an inch in the northwestern portion to four or more inches in the south-central, Desha, and Lee counties. The average number of days with 0.01 inch or more precipitation was 8.

The month was favorable for the maturing and harvesting of the cotton crop, although the few rainy days during the first three weeks delayed picking and ginning. Much cotton was still unpicked in the lowlands at the end of the month. The weather was favorable for wheat, oats, meadows, pastures, late potatoes, fruit and fall truck, until the 23d when the killing frost and freezing temperatures stopped growth of all exposed vegetation. Most of the late corn matured during the month and harvesting progressed rapidly during the last week. The month had an average of 18 clear, 4 partly cloudy, and 9 cloudy days.

O.D.N.

Tornado

Carden Bottom, Yell, Pope and Conway Counties, 18th, 11:30 p. m., from sw, path 300 yards wide and about 10 miles long, 2 persons injured and $150,000 damage to property.

Corrections

The average precipitation for September, 1936, should be 4.75 inches in the table "Comparative Data for September", Climatological Data for September 1936 and 1937.

Climatological Data for September, 1937, have the following corrections:---Hope, monthly mean, 75.0°, departure from normal −1.6°; Little Rock Airport, maximum temperature on the 22d, 94°: Marked Tree, date of maximum, 21st†; El Dorado, prevailing wind direction S; White Rock, minimum temperature 2d, 64°, mean minimum 54.7°, mean temperature 65.6°*.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	1	5	2	2	.	.	1	1	3	1		.	.	.	1	2	.	.	.	.	.	.	.	.	.	.		.	.
Light Hail	.	.	.	.	.	.	.		.		.	.	.	.	.		.	.	1	.	.		.		.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.		.	.	.	.	.			.	.	.	2	.	.	.	.	.	.	.		.	.	.	.
Thunderstorm	.	.	6	6	.	.	.	1	2	.	.	.	.	.	.	.	2	5	12	.	1	.	.	.	.	5	.	.	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m	
Bentonville	30.06	30.51	14	29.52	18	5.8	19	nw	19	..	.	..	69
Fort Smith	30.05	30.48	14	29.56	18	6.9	22	w	18	79	49	50	64
Little Rock	30.03	30.47	14	29.54	19	8.0	32	w	19	82	55	61	66
Memphis	30.03	30.47	14	29.55	19	7.8	24	sw	19	78	53	59	60

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	68.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	23	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0.0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66.6	98	33	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67.1	98	26	2.35	0.0	4	17	7	7
1932	60.8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0.0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
Period	62.5	101	12	3.21	T.	5	18	6	7

Climatological Data for October, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	60.4	......	90	6	24	25	46	4.04	......	1.80	0.0	6	20	4	7	n.	L. R. Water Works
Amity	Clark	560	42	60.2	− 3.2	92	31	29	23	42	3.65	+0.39	1.55	0.0	7	16	8	7	......	J. W. Campbell
Arkadelphia	Clark	200	42	......	......	......	......	......	......	......	5.33	−1.91	2.25	0.0	7	20	4	7	......	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	53	......	......	......	......	......	......	......	8.63	+6.01	3.28	0.0	9	21	0	10	......	Herbert Neff
Batesville	Independence	277	38	59.8	− 0.8	92	6†	26	23	44	6.59	......	3.31	0.0	9	17	5	9	n.	Airway Observer
Bee Branch	Van Buren	700	45	60.6	− 1.9	90	6	23	23	44	5.15	+1.59	2.00	0.0	7	19	5	7	e.	J. E. Scanlan
Benton	Saline	285	2	60.6	......	92	30	24	23	46	4.79	......	2.37	0.0	9	21	0	10	ne.	S. A. Burks
Bentonville	Benton	1295	32	58.3	− 0.6	91	6	25	23	38	2.89	−0.73	1.85	0.0	7	15	8	8	sw.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	7	......	......	......	......	......	......	......	5.57	......	2.65	0.0	9	16	4	11	......	C. J. Brooks
Black Rock	Lawrence	259	36	......	......	......	......	......	......	......	5.61	+2.23	1.79	0.0	7	18	1	12	s.	Vernon C. Howe
Blytheville	Mississippi	252	12	59.2	− 4.2	92	6	25	24	40	6.00	+2.48	2.81	0.0	8	19	4	8	s.	Samuel Norris
Booneville	Logan	465	23	61.7	− 2.3	94	30	26	23	47	3.27	−0.01	1.50	0.0	7	19	6	6	e.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	......	......	......	......	......	......	......	4.25	......	1.67	0.0	8	18	1	12	......	Harry Buie
Brinkley	Monroe	205	50	......	......	90	6†	......	......	......	4.78	+1.26	1.52	0.0	10	21	2	8	sw.	R. J Torry
Calico Rock	Izard	361	33	......	......	......	......	......	......	......	3.56	+0.67	1.20	0.0	9	17	1	13	......	William Jones
Camden	Ouachita	116	52	62.2	− 1.7	92	30†	29	23	49	5.65	+2.66	2.40	0.0	8	16	3	12	e.	J M. Knight
Clarendon	Monroe	172	33	......	......	......	......	......	......	......	5.14	+1.90	1.67	0.0	13	17	3	11	n.	R. M. Wheatley
Clinton	Van Buren	516	16	......	......	......	......	......	......	......	5.08	+0.73	1.83	0.0	8	18[a]	5[a]	7[a]	n.	A L. Stephens
Conway	Faulkner	309	54	59.6	− 3.9	93	6	25	23	39	6.83	+3.41	2.17	0.0	9	21	4	6	s.	E. E Cordrey
Cornerstone ‡‡	Jefferson	195	26	60.6	− 2.4	90	6	29	23	41	5.69	+2.35	1.59	0.0	9	21	3	7	ne.	P. B. Hutchens
Corning	Clay	293	44	58.0	− 2.0	93	6	25	24	45	5.06	+1.68	2.20	0.0	7	20	2	9	w.	Winfred D. Polk
Cotter	Baxter	440	10	......	......	......	......	......	......	......	5.39	+1.44	1.87	0.0	7	17	5	9	......	O. B. McSpadden
Crosset (near)	Ashley	175	25	62.8	− 3.0	90	6	27	23	43	5.23	+1.73	1.99	0.0	7	19	6	6	n.	U. S. Forest Service
Danville	Yell	327	21	......	......	......	......	......	......	......	4.48	+0.64	1.63	0.0	11	21	3	7	......	J. M. Patterson
Dardanelle	Yell	830	51	62.1	− 1.3	94	6	26	23	46	4.20	+0.80	1.37	0.0	8	16	7	8	n.	Geo. N. Goodier
De Queen	Sevier	426	2	63.2	......	92	5	28	23	42	3.31	......	1.93	0.0	6	19	6	6	......	E. B. Smith
Devils Knob ‡‡	Johnson	2350	1	60.6	......	87	6	32	23	30	2.33	......	1.00	0.0	5	15	6	10	ne.	U. S. Forest Service
Dumas	Desha	162	32	63.6	− 1.6	95	5	29	23	42	7.30	+4.08	2.05	0.0	10	15	9	7	n.	Ben Johnson
El Dorado	Union	270	37	64.2	− 1.8	90	6†	29	23	40	6.94	+3.62	1.82	0.0	8	16	8	7	e.	Mrs. E. W. Gaston
England	Lonoke	229	31	62.0[a]	− 2.0	93[a]	5	29[a]	23	41[a]	5.14	+2.01	2.40	0.0	9	22[a]	1[a]	7[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	59.8	− 1.0	90	6	22	23	39	2.30	−1.41	1.10	0.0	5	22	4	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	59.6	− 1.2	90	6	22	23	46	1.30	−2.40	0.49	0.0	8	13	12	6	sw.	University of Arkans
Fordyce	Dallas	190	9	62.1	......	89	6	30	23	37	6.31	......	3.17	0.0	8	21	2	8	s.	M. G. Taylor
Fort Smith	Sebastian	448	13	6.23	− 0.5	94	6	30	23	36	2.39	−0.60	0.75	0.0	9	18	7	6	e.	U. S. Weather Burea
Fulton	Hempstead	260	52	......	......	......	......	......	......	......	4.23	+1.37	1.45	0.0	7	15	5	11	......	T. J. Logan
Georgetown	White	200	25	......	......	......	......	......	......	......	5.08	+1.69	1.98	0.0	8	19	0	12	......	W. R. Putt
Gilbert	Searcy	600	12	56.2	......	92	7†	24	23	49	4.83	+0.15	1.70	0.0	7	23	1	7	......	F. J. King
Glenwood	Pike	547	2	......	......	......	......	......	......	......	......	......	......	......	..	..	.	..	......	
Grannis	Polk	900	18	58.4	− 4.4	87	30	22	23	43	3.20	−1.02	1.45	0.0	8	20	2	9	se.	W. E. McVay
Gravette	Benton	1250	40	58.6	− 1.1	94	6	21	23	54	2.36	−1.37	1.57	0.0	5	19	10	2	se.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	1	59.8	......	89	6	22	23	34	3.88	......	1.23	T.	9	20	3	8	ne.	U. S. Forest Service
Harrison	Boone	1052	37	57.2	− 2.2	88	6	21	23	46	2.98	−0.15	1.13	0.0	6	20	8	3	sw.	Louis R. Keck
Helena	Phillips	300	65	62.8	− 0.8	94	30	27	23	41	5.86	+2.88	2.27	0.0	12	17	4	10	ne.	James A. Burnett
Higden	Cleburne	445	18	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	Trumon Brown
Highland	Pike	491	18	64.4	......	90	5†	30	23	36	0.98	−2.19	0.25	0.0	6	17	3	11	w.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	61.2	− 4.7	89	5†	28	23	46	3.92	+1.01	2.60	0.0	7	14	8	9	ne.	Experiment Farm
Hot Springs	Garland	600	46	63.0	− 1.4	95	6	28	23	44	3.98	+0.55	1.75	0.0	8	18	5	8	s.	National Park Servi
Index ‡‡	Little River	275	20	......	......	......	......	......	......	......	3.15	+0.25	1.55	0.0	5	19	3	9	......	W. E McDowell
Jessieville	Garland	750	11	......	......	......	......	......	......	......	2.95	−0.71	1.75	0.0	8	16[a]	8[a]	6[a]	nw.	U. S Forest Service
Jonesboro	Craighead	345	42	59.6	− 3.0	90	6†	27	23	38	7.09	+3.63	2.45	0.0	11	17	4	10	ne.	Benedictine Sisters
Lead Hill	Boone	650	31	57.7	− 3.1	93	6	17	23	56	2.54	−0.60	0.72	0.0	6	19	7	5	w.	J. H. Crosswhite
LITTLE ROCK.	Pulaski	324	58	61.0	− 2.6	88	6	31	23	38	5.00	+2.29	2.47	0.0	9	18	3	10	e.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	1	60.8	......	92	6	30	23	43	5.04	......	2.54	0.0	8	18	3	10	e	Airway Observer
Lutherville ‡‡	Johnson	775	38	60.8	− 1.5	92	6	25	23	38	3.83	−0.17	1.68	0.0	8	18	8	5	se.	H. G. Lenhardt
Madison	St. Francis	209	7	......	......	......	......	......	......	......	6.03	......	2.40	0.0	9	16	4	11	......	J. W. Eppes
Magnolia	Columbia	315	21	63.6	− 3.3	93	31	34	15	44	3.04	+0.19	1.50	0.0	5	14	11	6	......	State Agri. School
Mammoth Spring	Fulton	600	35	56.8	− 2.4	87	6†	25	23†	48	4.05	+0.72	1.30	0.0	5	14	8	9	n.	Paul Morton
Marianna	Lee	235	26	59.9[c]	− 3.6	87[c]	6	30[c]	23	43[c]	5.75	+2.50	3.40	0.0	10	8	18	5	n.	C. N. Houck
Marked Tree	Poinsett	229	33	58.5	− 2.7	91	6	29	23	42	6.22	+2.27	2.39	0.0	10	14	9	8	n.	Charles Walton
Mena	Polk	1207	49	61.8	− 1.2	91	6	27	23	40	4.00	−0.08	1.86	0.0	8	20	3	8	n.	E. W. St. John
Monticello Airway	Drew	273	1	62.8	......	90	6†	28	23	42	5.02	......	2.16	0.0	9	16	1	14	n.	Airway Observer
Monticello	Drew	273	2	......	......	......	......	......	......	......	3.39	......	1.70	0.0	7	..	..	..	......	Soil Conservation Se
Montongo	Drew	....	2	......	......	......	......	......	......	......	5.33	......	1.87	0.0	6	19	0	12	s.	Soil Conservation Se
Morrilton	Conway	315	18	62.8	− 0.4	91	6	29	23	42	4.47	+1.09	1.32	0.0	10	14	10	7	e.	Mrs. Freda M. Ashcr
Mountain Home	Baxter	800	25	59.0[a]	− 1.5	92[a]	6†	23[a]	23	51[a]	4.98	+1.14	1.80	0.0	6	17[a]	3[a]	10[a]	s.	B. S. Halbert
Mount Ida	Montgomery	702	38	58.2	− 3.6	90	6	22	23	51	4.70	+1.02	1.59	0.0	8	20	3	8	ne.	G. A. Whittington
Mountainburg	Crawford	2010	1	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	C. A. Lovell
Newport	Jackson	231	54	59.9	− 2.1	91	6	28	23	44	5.11	+1.58	2.33	0.0	10	20	2	9	s.	J. D. Henderson
Norman	Montgomery	687	9	......	......	......	......	......	......	......	4.49	......	1.07	0.0	8	21	2	8	......	U. S. Forest Service
Oden	Montgomery	800	10	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	U. S. Forest Servic
Okay	Howard	288	9	62.3[a]	......	92[a]	30	25[a]	23	58[a]	3.76	......	1.50	0.0	6	20	3	8	ne.	Charles R. Jackson
Ozark	Franklin	396	42	61.4	− 2.1	95	5†	24	23	43	1.80	−1.39	0.41	0.0	6	17	6	8	e.	Orkney O. Milton
Paragould	Greene	275	14	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	W. R. Heagler
Parkin	Cross	222	7	......	......	......	......	......	......	......	6.47	......	2.60	0.0	7	19	2	10	......	Carroll King
Patterson	Woodruff	204	21	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	W. E. Baker
Pine Bluff	Jefferson	215	50	63.3	− 1.3	91	6†	31	23	40	5.92	+2.62	1.52	0.0	11	15	7	9	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	13	......	......	......	......	......	......	......	3.08	−1.60	1.86	0.0	3	19	3	9	w	J R. Huddleston
Pocahontas	Randolph	300	44	59.7	− 2.0	91	6	28	23†	44	7.29	+3.85	2.55	0.0	8	20	1	10	n	Benedictine Sisters
Portland	Ashley	122	31	61.8	− 3.1	87	31	30	23	37	9.05	+6.20	2.70	0.0	10	15	8	8	nw.	W E. Edmiston
Prescott	Nevada	318	49	63.8	− 1.1	91	30	29	23	41	4.20	+1.10	1.82	0.0	8	19	4	8	e.	Craig Williams
Rock Springs ‡‡	Drew	....	2	......	......	......	......	......	......	......	3.50	......	1.00	0.0	5	14	0	17	sw.	Soil Conservation Se
Rogers (near) ‡‡	Benton	1300	47	59.3	− 0.5	90	6	21	23	49	2.20	−1.03	1.46	0.0	6	17	7	7	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	3	......	......	......	......	......	......	......	4.57	......	1.80	0.0	8	21	5	5	w.	G. A. Maddox
Russellville [Evap]	Pope	526	25	62.3	+ 1.7	94	6	26	23	46	2.91	+0.15	1.71	0.0	5	24	0	7	se.	U. S. Forest Servic
St. Charles	Arkansas	175	4	60.1	......	88	7†	29	23	38	6.22	......	2.01	0.0	12	17	6	8	sw.	U. S. Biological Surv
St. Francis	Clay	290	10	......	......	......	......	......	......	......	6.01	+1.97	2.34	0.0	11	13	4	14	......	A Boyce Boyd, Jr.
Searcy	White	245	27	61.1	− 1.5	94	6	26	23	46	6.85	+3.71	2.82	0.0	12	20	1	10	ne.	Walter Smith
Springbank ‡‡	Miller	240	28	......	......	......	......	......	......	......	4.58	+1.91	1.95	0.0	8	15	0	16	......	Henry Field
Story	Montgomery	650	13	......	......	......	......	......	......	......	4.39	+0.54	1.62	0.0	6	20	1	10	n	S. C Story
Stuttgart	Arkansas	214	50	61.1	− 2.3	94	6	27	23	40	5.19	+1.74	1.80	0.0	10	21	1	9	sw.	Mrs. B. E. Swim
Stuttgart... (Evap)	Arkansas	210	2	60.3	......	92	6	28	23	43	4.84	......	1.43	0.0	13	..	..	..	......	Rice Experiment St
Subiaco	Logan	750	40	62.8	− 0.8	96	6	29	23	43	4.80	+1.34	2.06	0.0	8	19	5	7	ne.	New Subiaco Abbey
Texarkana	Miller	332	52	64.6	− 1.2	93	5	29	23	44	3.92	+0.49	2.00	0.0	7	20	3	8	n.	H. S. Brashear
Thornburg	Perry	650	17	58.8	− 2.9	92	6	24	23	51	3.84	+0.34	1.45	0.0	10	21	1	10	n.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	13	58.4	......	87	30	23	23	27	4.82	−0.49	1.99	0.0	10	21	2	8	sw.	U. S. Forest Servic
Warren	Bradley	206	43	63.3	− 1.1	90	30	30	23	37	6.45	+2.92	2.32	0.0	8	20	0	11	ne.	C. N. Turner
Whitecliffs	Little River	290	31	......	......	......	......	......	......	......	3.11	+0.04	1.10	0.0	5	19[a]	3[a]	8[a]	......	L. M. Snead
White Rock ‡‡	Franklin	2285	1	......	......	......	......	......	......	......	4.62	......	3.10	0.0	6	19	5	7	n.	U. S. Forest Servic
Wilson	Mississippi	237	12	59.8	− 3.0	89	6	31	23†	39	5.32	+2.01	2.59	0.0	9	18	1	12	s.	D O. Anderson
Wynne	Cross	250	29	59.6	− 2.9	92	6†	24	23	40	5.46	+1.77	2.10	0.0	9	19	5	7	s.	B. M. Eddins
Yancopin	Desha	167	13	......	......	......	......	......	......	......	6.36	+3.24	1.90	0.0	13	21	0	10	......	W. E. Barton
State Means				60.8	− 1.7	96	6	17	23	58	4.66	+1.45	3.40	T.	8	18	4	9	n.	

Daily Precipitation for October, 1937

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser	Ouachita			.91	.40					.20				.10				1.80		.63													4 04
Amity	Ouachita			.23	.81						.03			.19				.20	1.55	.64													3.65
Arkadelphia	Ouachita			29	1.04	T.				.03				.20	T.			.56	2.25	.96													5.33
Arkansas City	Mississippi		.30	1.55	1.50	T.				T.				T.	.34			.26	3.28	1.05			.23					.12					8.63
Batesville	White		.35	1.17	3.31			T.		.09				.05				1.34	.06	.19		.03					T.						6.59
Bee Branch	Arkansas			1.00	1.30					.10								2.00	.10	.55		.10											5.15
Benton	Saline		.18	.96	.22					.28			.02	.03				2.37	.07	.66													4.79
Bentonville***	Arkansas			.05	.20	T.			1.83	.02				T.			T.	.45	.31	.03		T.											2.89
Big Lake Outlet	St. Francis		.18	1.20	.78					T				T.				.36	2.65	.18	T.		.15				.03	.04					5.57
Black Rock	White			1.12	.82	.99				.10				T.				.29	1.79	.50			T.				T.	T.					5.61
Blytheville	St Francis		.14	1.91	.34				T.									.49	2.81	.21			.09				.01						6.00
Booneville	Arkansas			.03	.06					.52			.14					1.59		1.01	.01												3.27
Boughton	Ouachita			.12	.30				.06					.07	.15			.94	1.67	.94													4.25
Brinkley	White		.90	.73	.50					.06				.14				1.52	.34	.41			.01				.17						4.78
Calico Rock	White			.33	.64	.15		.02		.32								.10	1.20	.75			.05		T.								3.56
Camden	Ouachita			.78	.51					.04				.13	.29			.82	2.40	.68													5.65
Clarendon	White		.02	1.67	.64	.03				.02	.06			.13	.04			.26	1.57	.58			.10				.02						5.14
Clinton	White			1.22	.93					.11			.09	T.				1.83	.12	.75			.03										5.08
Conway	Arkansas		.06	1.71	2.03					.14				.10				2.17	.05	.52		.05											6.83
Cornerstone	Arkansas		1.45	.93	.03					.22			T.	.25				1.59	1.09			.04					.09						5.69
Corning	White			1.37	.42	.25				.06									2.20	.70			.06										5.06
Cotter	White			.18	.82	72				.68								.12	1.87	1.00													5.39
Crossett [near]	Ouachita		.90	.98	.20									.47				1 99	.01	.68													5.23
Danville	Arkansas			.25	.56	.03				.16	.02			.21	T.			.10	1 47	1.63	.02		.03										4.48
Dardanelle	Arkansas			.18	.47	.09				.18				.22				.49	1.20	1.37													4.20
De Queen	Red			.01	T.					.15			.01	.53				1.93		.68													3.31
Devil's Knob	Arkansas		T.	.47	.55				.21				.10				T.	T.	T.			1.00											2.33
Dumas	White		.95	1.15	1.60					.05			T.	.31				2.05	.22	.81		.04					.12						7.30
El Dorado	Ouachita			1.36	1.12					.03				.13	.30			1.63	1.82	55													6.94
England	Arkansas		.40	1.05	.20					▪	.21		T.	.08				2.40	.03	.65		.12											5.14
Eureka Springs	White			.08						1.10								.29	.10	.82													2.30
Fayetteville	White			.06	.03					.49				.02				.27	.06	.35		T.			.02								1.30
Fordyce	Ouachita		.36	.95	.11					.05				.33	.01			3.17		1.33													6.31
Fort Smith***	Arkansas			T.	.02				.10	.54			.30	.01			.01	.66	.68	.07		T		T.			T.						2.39
Fulton	Red			T.	.48	T.				.10	T			.15	.30			1.20	1.45	.55			T.										4.23
Georgetown	White			.80	1.17	.14				T.				.13				.20	1.98	.46			.20										5.08
Gilbert	White				.28	1.55				.35					.05			.25	1.70	.65													4.83
Glenwood	Ouachita			.30	1.32			.03		.08				.27				1.50	26	.61													4.37
Grannis	Red			.16	T.					.17			.10	.44				1.45	.07	.79		.02											3.20
Gravette	Arkansas				.09					1.57				.04					.31	.35													2.36
Green Mountain	White		.17	.40	.67			.02		.31				T.				1.28	.11	.93		.04	T.										3.88
Harrison	White			.20	.65			.03		1.13								.34	.63														2.98
Helena	Mississippi		.22	1.29	.15	.15					03			.03	.02			.78	2.27	.61			10				.21						5.86
Higden	White																																
Highland	Ouachita			.10	.20					.25				.04				.24		.15													0.98
Hope [Evap]	Red			.26	.07	T.				.18				.08	.23	T.			2.60	.50													3.92
Hot Springs	Ouachita		.02	.62	.35					.47			.02	.05				1.75		.70		T.											3.98
Index	Red									.12				.20				1.00	1.55	.28													3.15
Jessieville	Ouachita									.50								1.75	.70			T											2.95
Jonesboro	White			1.70	1.86	.17				.04				.03				.28	2.45	.47			.05				.02	.02					7.09
Lead Hill	White		T	.72	.63					.60								.22	.07	.30													2.54
Little Rock***	Arkansas		.26	1.13	.37					.11			.06	.01			T.	2.47	T.	.61		.04			T.		T.						5.00
LittleRock Airway	Arkansas		.27	1.16	.23					.14			T.	.05				2.54	T.	.60		.05					T.						5.04
Lutherville	Arkansas			.80	.28					.27			.06	.16				1.68	.55			.03											3.83
Madison	St. Francis		.05	2.03	.35					T.	T.			.27	T.			.20	2.40	.50	T.		.18				.05						6.03
Magnolia	Red		.14	.50	.37									.53				1.50															3.04
Mammoth Spg	White			.55	1.20	.40								T.			T.		1.30	.60			T.										4.05
Marianna	St. Francis		.55	.60	.21					.05				.12				3.40		.56		.17	.02				.07						5.75
Marked Tree	St. Francis		.06	2.39	.20					.06				.06				.63	2.32	.35			.13				T.	.02					6.22
Mena	Ouachita			.02	.02					23	T.			.20	.01			1.25	.41	1.86			T		T.								4.00
Monticello Airway	Ouachita		.82	.28	.21					.03			T.	.30				2.16	.03	1.18			.01										5.02
Monticello (a)***	Ouachita		1.70	.25	.05					.06				20						1.03							.10						3.39
Montongo	Ouachita		1.50	.50	.01									.35				1.87	1.10														5.33
Morriltor	Arkansas			.34	1.32	.05				.07	.05			.13				.62	1.22	.62			.05										4.47
Mountain Home	White			.41	1.50					.40								1.80	.12	.75													4.98
Mount Ida	Ouachita			.26	1.16					.62			.08	.09				1.59	.08	.82													4.70
Newport	White		.01		1.58	.50				.06				.04				.24	2.33	.30			.03	.02									5.11
Norman	Ouachita			.70	1.00					.26				.14			.69	1.07	.01	.62													4.49
Oden	Ouachita																																
Okay	Red			.80	.06					.25				.32				1.50		.83													3.76
Ozark	Arkansas			T.	.20					.35				.21				.41	.41	.22													1.80
Paragould	St. Francis																																
Parkin	St. Francis		T.	2.60	.15									.26				.94	1.81	.50			.21										6.47
Patterson	White																																
Pine Bluff	Arkansas		T.	1 27	.98					.11	.17			.10	.17			.88	1.52	.61			.05				.06						5.92
Pine Ridge	Ouachita								.36									1.86		.86													3.08
Pocahontas	White		.42	1.37	2.55					.08								1.60	.42	.80		.05											7.29
Portland	Ouachita		.37	1.90	2.45									.15	.30			.17	2.70	.86			.12					.03					9.05
Prescott	Ouachita			.12	.45					.09				.09	.18			.68	1.82	.77													4.20
Rock Springs	Ouachita		.60	.80										.25				85		1.00													3.50
Rogers (near)	White			.03	.17					1.46								.18	.05	.31													2.20
Rosebud	Arkansas		.66	1.04	.46					.10				T.				1.80	.16	.28		.07											4.57
Russellville	Arkansas			.45	.33					.25				.17				1.71	T.			T.											2.91
St. Charles	White			2.01	.95	.10				.02	.10			.08	.06			.36	1.50	.84			.10				.10						6.22
St. Francis	St. Francis		T.	1.70	.42	.17			.17					.05				.24	2.34	.54	.10		.21				T.	.07					6.01
Searcy	White		.02	1.05	2.82	.06				.05				.11	.02			.22	2.08	.34			.07				.01						6.85
Springbank	Red			.17	.27					T.	.08			.18	.75			.98	1.95	.20													4.58
Story	Ouachita			.40	1.30						.36			.11					1.62	.60													4.39
Stuttgart	Arkansas		.01	1.02	.69					.10	.12			.16				.32	1.80	.87			.10										5.19
Stuttgart [Evap]	Arkansas		.01	1.03	.97	.02				.01	.16			.11	.05			.31	1.43	.65	T.		.08				.01						4.84
Subiaco	Arkansas			.15	.82					.41			.05	.21				2.06	.28	.82		T.											4.80
Texarkana	Red				.12					.13				.30	.50			2.00	.35	.52													3.92
Thornburg	Arkansas		.04	1.00	.45					.22			.01	.01				1.45	.02	.62		.02			T.								3.84
Turnpike	Arkansas		.05	.50	.96					.17			.05	.09				1.99	.10	.89		.02											4.82
Waldron	Arkansas																																
Warren	Ouachita		.49	1.79	.45					.06				.28	T.			2.32	.08	.98													6.45
Whitecliffs	Red			T.	.22								T.	.40				1.10	.49	.90													3.11
White Rock	Arkansas			.19	.60								.07					.31	.35	3.10													4.62
Wilson	Mississippi		.10	1.85	.23						.05			.05				.15	2.59		.05		.25										5.32
Wynne	St. Francis		.83	1.12	25									.22				2.10	.34	.32	.08	.20											5.46
Yancopin	Arkansas		.16	1.90	1.16	.06				.02	.03			.16	.11			.28	1.64	.74			.06			.04							6.36

Daily temperatures for October, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26	26	27	28	29	30	31	Mean
Alum Fork	Maximum	84	79	67	79	88	90	83	72	65	65	75	69	64	58	58	72	72	73	70	72	68	54	53	72	80	75	75	75	86	88	89	73.2
	Minimum	49	62	60	65	60	62	60	49	49	47	43	45	53	41	32	50	51	57	48	37	49	38	24	39	36	51	43	44	40	45	47	47.6
Amity §§	Maximum	87	70	67	83	89	91	77	75	66	68	77	62	63	66	63	75	60	72	65	74	61	53	55	72	80	75	69	77	87	92	84	72.7
	Minimum	53	55	64	64	64	64	62	52	52	46	51	50	52	46	33	34	42	55	50	41	45	41	29	30	42	44	46	39	40	45	50	47.8
Batesville	Maximum	87	74	68	80	89	92	78	70	65	71	77	67	62	58	59	70	61	71	68	73	61	50	52	72	82	73	68	76	86	92	82	72.1
	Minimum	51	59	60	66	65	65	59	46	51	42	42	47	51	36	32	40	54	58	52	42	48	38	26	31	41	51	45	35	42	48	48	47.5
Bee Branch	Maximum	89	82	68	87	87	90	80	78	65	70	75	75	65	65	55	67	68	71	68	71	70	53	55	70	79	77	78	75	84	88	83	73.8
	Minimum	50	62	60	65	62	60	60	48	51	42	42	46	50	40	29	40	53	58	49	44	44	39	23	35	40	58	46	36	40	48	52	47.5
Benton	Maximum	86	84	79	82	88	90	81	73	66	71	77	65	66	59	61	74	66	76	69	73	61	55	57	70	79	76	70	76	85	92	89	74.1
	Minimum	49	61	63	67	63	61	61	50	52	43	42	46	56	42	31	39	54	60	52	37	43	35	24	39	36	46	37	36	40	46	47	47.0
Bentonville ***	Maximum	84	80	70	78	89	91	71	70	57	67	73	65	55	53	57	70	63	73	63	71	58	43	55	70	78	69	66	77	87	88	85	70.2
	Minimum	55	53	59	63	63	62	51	48	46	39	44	51	40	34	34	46	56	53	42	42	38	29	25	38	49	52	39	40	43	50	53	46.4
Blytheville	Maximum	83	77	74	85	89	92	76	68	69	67	76	71	62	54	60	70	61	62	67	73	69	50	48	65	77	72	64	73	78	89	80	71.0
	Minimum	54	62	60	70	65	65	51	42	41	42	42	47	50	35	30	43	52	59	52	44	50	38	34	25	43	51	41	35	42	53	51	47.4
Booneville	Maximum	90	84	75	79	92	93	88	70	67	72	73	68	59	46	59	70	68	75	70	72	67	57	54	75	80	76	71	80	90	94	88	74.8
	Minimum	52	54	64	66	62	61	63	50	52	43	45	50	54	42	36	46	55	57	47	40	46	39	26	43	39	50	48	38	43	49	47	48.6
Brinkley	Maximum	85	75	73	83	89	90	79	72	62	71	77	66	64	59	62	72	63	74	69	74	65	55	52	67	82	77	66	76	85	90	87	72.9
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Camden	Maximum	86	71	72	82	89	89	79	75	68	71	79	67	65	62	63	72	68	78	72	75	74	65	57	72	81	79	72	77	87	92	92	75.2
	Minimum	51	63	65	69	66	61	64	50	53	46	52	52	55	44	32	37	56	60	53	43	43	40	29	39	32	51	42	37	45	51	48	49.3
Conway	Maximum	86	76	69	75	91	93	81	67	68	61	69	69	64	54	60	74	65	69	69	76	67	54	55	61	73	79	71	67	71	79	85	70.9
	Minimum	52	62	62	67	63	64	61	49	54	44	45	49	54	41	30	44	54	60	51	40	47	37	25	38	39	52	41	37	43	40	50	48.2
Cornerstone	Maximum	85	76	73	80	88	90	79	72	62	68	74	70	65	60	61	71	65	75	70	72	67	56	54	67	78	75	63	69	77	88	89	72.2
	Minimum	49	67	66	71	65	63	61	49	52	46	47	46	55	42	30	37	54	62	54	42	49	38	29	34	41	53	43	35	42	47	50	49.0
Corning	Maximum	89	70	69	86	88	93	69	70	64	71	76	70	61	56	60	69	59	66	64	74	58	51	51	68	81	73	68	72	75	89	80	70.6
	Minimum	52	58	58	68	68	65	55	42	50	39	40	45	48	33	29	37	50	58	47	40	48	36	30	25	41	46	37	31	38	44	50	45.4
Crossett	Maximum	85	79	83	81	89	90	89	76	67	71	77	76	70	62	63	73	66	78	72	75	76	65	55	70	81	80	72	77	85	89	89	76.2
	Minimum	48	65	68	71	65	63	67	54	52	47	46	47	56	45	33	39	54	63	52	39	43	40	27	32	39	56	40	34	45	51	49	49.4
Dardanelle	Maximum	88	83	72	81	92	94	86	73	70	70	75	71	62	61	60	74	70	76	71	76	67	57	56	74	85	76	72	79	88	89	85	75.3
	Minimum	51	59	62	65	63	63	61	51	52	46	46	50	54	42	31	45	54	58	49	41	50	39	26	45	40	55	44	37	42	47	49	48.9
De Queen	Maximum	87	80	75	88	92	91	85	78	70	73	77	65	66	65	62	77	69	76	71	77	66	61	61	73	82	79	75	81	87	90	88	76.4
	Minimum	53	60	67	68	62	61	62	52	55	51	51	50	55	51	36	43	58	51	49	40	45	42	28	46	40	49	40	40	46	49	48	49.9
Devils Knob	Maximum	81	78	72	72	82	87	82	64	64	67	71	69	72	52	55	63	57	68	66	65	59	59	58	70	74	74	75	72	71	76	75	69.4
	Minimum	62	59	57	59	60	67	54	58	57	56	54	49	50	36	35	42	49	54	46	43	45	37	32	40	55	53	54	58	59	60	65	51.8
Dumas	Maximum	86	82	78	82	95	94	82	80	82	74	80	67	66	63	63	73	69	80	81	80	76	68	57	72	84	79	72	70	87	92	93	77.6
	Minimum	50	68	58	71	66	65	65	50	54	44	50	46	56	43	32	35	55	62	45	44	46	40	29	36	42	55	44	37	47	50	53	49.6
El Dorado	Maximum	87	79	73	81	88	90	83	77	77	72	78	76	65	62	60	76	64	78	71	75	75	63	55	75	83	79	71	77	86	90	90	76.0
	Minimum	53	67	68	68	68	68	68	53	55	49	52	55	57	46	34	41	56	60	47	46	49	41	29	40	43	61	46	42	52	56	58	52.5
England	Maximum	90	78	70	82	93	91	78	72	..	72	84	67	64	61	64	71	65	76	69	75	63	53	55	71	83	76	70	77	82	92	92	74.5
	Minimum	52	63	63	68	65	64	61	48	..	45	47	46	54	40	31	37	63	61	52	41	48	37	29	39	44	55	46	39	43	51	53	49.5
Eureka Springs	Maximum	85	82	71	77	87	90	79	71	62	67	73	65	61	54	59	70	60	72	65	69	62	48	54	72	79	70	68	79	88	89	86	71.4
	Minimum	56	55	61	63	54	64	54	47	50	40	46	52	48	34	33	43	55	58	42	43	46	32	22	41	56	51	41	42	49	64	52	48.2
Fayetteville	Maximum	84	82	78	79	89	90	85	72	65	67	73	71	61	56	59	69	65	72	69	70	63	52	54	71	81	73	66	79	88	89	85	72.8
	Minimum	50	50	61	62	64	63	53	46	51	38	43	49	50	34	32	46	56	57	42	43	50	35	22	41	48	48	37	35	42	47	48	46.5
Fordyce	Maximum	85	77	71	88	87	89	81	78	69	70	75	70	62	60	61	70	68	74	70	73	66	62	54	68	76	77	69	73	81	82	81	73.1
	Minimum	56	66	65	70	66	64	63	52	53	47	53	52	56	44	32	39	55	58	52	45	50	42	30	38	39	57	48	40	47	53	52	51.1
Fort Smith***	Maximum	85	85	74	80	92	94	77	73	65	67	74	63	64	61	58	73	62	76	66	74	64	49	56	74	81	74	71	77	83	89	86	73.1
	Minimum	59	60	67	66	65	69	60	56	53	48	49	54	54	43	39	48	56	57	46	45	47	35	30	45	45	55	46	44	50	53	54	51.5
Gilbert	Maximum	84	86	78	66	81	89	92	72	68	69	69	76	74	66	55	57	69	60	74	62	72	62	44	55	75	86	72	69	78	90	92	72.3
	Minimum	40	43	52	56	52	52	50	42	42	40	39	39	40	38	26	43	42	52	45	35	42	30	24	25	30	42	30	32	31	41	45	40.0
Grannis	Maximum	82	70	70	70	77	76	82	66	68	62	63	63	62	62	60	74	66	68	68	71	64	53	54	64	81	77	54	72	83	87	83	69.6
	Minimum	60	57	62	64	67	56	59	48	51	48	51	47	53	42	31	37	51	59	44	36	41	34	22	41	38	48	37	38	42	58	45	47.3
Gravette§§	Maximum	90	86	75	82	90	94	76	75	63	72	76	69	56	59	60	74	67	75	65	74	61	45	53	72	80	73	69	78	90	93	89	73.6
	Minimum	52	53	54	61	62	62	52	49	50	38	40	41	48	34	35	37	46	57	41	35	37	36	21	22	44	49	33	34	36	42	51	43.6
Green Mountain	Maximum	83	74	64	75	85	89	79	76	60	78	74	66	61	51	54	59	60	70	64	70	64	50	49	70	81	71	65	74	87	88	80	70.0
	Minimum	64	59	58	63	65	67	53	49	47	44	51	55	41	34	31	42	51	56	54	43	48	35	22	38	54	54	44	44	56	62	56	49.7
Harrison	Maximum	82	79	66	79	86	88	78	67	62	66	70	67	62	54	54	66	63	72	69	69	63	52	50	68	80	69	63	72	85	85	80	69.9
	Minimum	47	49	61	64	62	64	57	43	50	41	41	47	50	35	30	42	40	42	40	41	43	35	21	35	46	46	41	32	39	46	45	44.5
Helena	Maximum	88	76	79	84	93	92	81	74	71	71	76	75	71	57	66	71	68	76	76	76	70	60	47	67	81	79	73	77	84	94	92	75.6
	Minimum	57	65	67	71	66	66	61	50	52	45	47	46	51	41	37	43	53	59	54	41	50	38	27	33	43	55	39	36	49	55	54	50.0
Highland	Maximum	86	80	70	84	90	89	90	75	71	69	77	72	66	65	61	76	70	74	75	76	68	60	57	70	81	79	74	79	86	90	89	75.8
	Minimum	67	62	64	65	64	65	65	54	52	48	54	54	53	48	33	40	56	65	48	40	50	41	30	45	47	60	49	45	49	63	68	53.0
Hope §§	Maximum	85	68	70	86	89	89	81	76	67	73	77	66	62	62	62	75	62	78	68	74	65	56	56	72	81	78	72	78	86	89	89	73.9
	Minimum	51	55	64	66	67	65	62	55	53	47	50	52	54	50	34	36	40	60	52	43	43	41	28	30	44	47	46	39	40	45	49	48.6
Hot Springs	Maximum	88	75	68	87	91	95	81	75	65	71	80	65	69	60	74	77	68	75	68	77	62	55	59	75	83	75	78	77	89	94	90	75.7
	Minimum	54	62	63	67	66	66	63	53	51	46	48	51	55	43	34	41	54	60	50	42	52	39	28	42	45	54	43	40	45	53	52	50.4
Jonesboro	Maximum	83	72	71	83	88	90	79	67	63	69	74	69	63	54	59	68	60	71	66	72	62	49	49	66	78	72	66	73	82	90	79	70.5
	Minimum	56	62	59	69	67	64	58	47	51	43	44	46	48	37	35	42	52	57	51	46	48	37	27	34	45	54	44	36	44	52	55	48.7
Lead Hill	Maximum	88	83	70	80	92	93	81	71	64	69	76	78	63	52	51	70	63	74	69	74	64	56	53	74	82	77	64	78	90	90	84	73.3
	Minimum	43	46	60	65	54	56	54	40	49	42	39	43	50	29	27	41	53	55	46	38	47	30	17	36	36	38	32	28	34	37	40	42.1
Little Rock.***	Maximum	83	70	70	80	87	88	72	69	64	67	73	64	63	56	58	70	62	74	68	72	59	49	52	66	78	73	67	73	83	87	84	70.4
	Minimum	59	63	62	69	66	66	61	54	52	50	51	54	51	40	37	44	55	60	49	44	47	35	31	44	45	54	48	43	50	57	59	51.6
Little Rock [Airway]	Maximum	84	75	68	84	90	92	78	72	65	70	62	64	64	59	60	72	64	76	67	75	62	53	42	70	82	75	68	76	85	90	86	71.9
	Minimum	54	64	62	67	65	61	62	50	52	48	47	47	53	43	34	40	54	60	52	42	50	39	30	36	41	56	47	37	42	50	52	49.6
Lutherville	Maximum	86	78	69	79	90	92	80	70	69	70	74	65	63	57	57	69	65	73	68	72	65	54	55	69	80	73	70	69	84	87	82	72.1
	Minimum	55	60	62	64	72	63	61	51	50	45	45	51	52	39	33	45	52	58	48	41	51	37	25	42	46	59	45	40	46	45	55	49.6
Magnolia	Maximum	86	82	73	85	89	88	89	79	76	72	75	72	67	83	63	73	71	80	74	76	73	64	56	73	62	81	80	78	87	89	93	76.4
	Minimum	53	58	64	67	66	55	65	53	53	48	50	52	54	45	34	40	56	60	51	42	49	40	37	40	41	56	54	40	53	52	49	50.9
Mammoth Spring	Maximum	83	75	67	78	85	87	76	66	61	66	72	68	62	52	56	65	58	68	69	70	61	52	47	67	82	72	64	70	83	87	80	69.3
	Minimum	47	55	58	65	61	60	59	42	49	38	38	43	48	34	28	40	52	58	48	42	48	36	25	25	35	44	41	30	35	40	52	44.4
Marianna	Maximum	..	..	..	85	86	87	80	68	63	70	70	67	69	55	59	69	70	70	68	70	83	55	47	78	78	73	65	73	79	86	84	71.7
	Minimum	..	..	..	53	68	67	62	48	53	45	45	44	53	42	32	44	55	55	46	50	40	30	35	35	56	46	37	43	53	54	48.1
Marked Tree§§	Maximum	85	70	75	84	88	91	70	69	63	70	75	71	58	56	62	70	63	72	65	72	60	46	48	48	80	72	69	73	83	90	83	70.4
	Minimum	54	63	62	62	66	63	58	46	50	43	43	45	47	37	33	40	44	53	55	43	50	37	29	30	30	38	44	35	41	50	53	46.6
Mena	Maximum	84	77	71	85	90	91	76	75	64	69	77	68	67	64	58	69	65	70	68	73	64	51	57	73	79	74	69	77	87	87	87	73.1
	Minimum	52	62	62	65	62	66	60	53	51	48	49	51	54	44	34	43	55	58	45	41	51	39	27	45	46	56	45	42	47	56	53	50.4
Monticello	Maximum	86	76	80	79	88	90	78	75	62	71	77	69	62	61	64	74	65	77	70	74	71	58	54	68	80	78	70	74	84	90	90	74.0
	Minimum	53	58	64	70	68	68	66	54	52	47	50	53	53	44	34	43	56	62	54	44	50	42	28	34	48	58	45	42	42	54	60	51.5
Morrilton	Maximum	84	85	82	80	88	91	85	81	78	76	74	70	68	66	64	71	69	74	73	73	72	70	68	71	81	76	74	75	84	87	86	76.6
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	54	42	32	43	53	57	51	43	48	39	29	44	41	55	47	37	42	49	51	49.1
Mountain Home	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.9
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.0
Mt. Ida	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.0
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.3
Newport	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.6
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.2
Oden	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Okay	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.9
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.7
Ozark	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.3
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.4
Pine Bluff	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.0
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.6
Pocahontas	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.9
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.5
Portland	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.1
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.5

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day.

Weather Bureau Office, Little Rock, Ark. 11-26-37-1160

Daily temperatures for October, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott	Maximum	86	82	76	85	90	89	87	78	73	70	78	68	64	63	62	71	67	79	76	79	73	64	57	73	82	80	76	79	87	91	89	76.4
	Minimum	56	65	64	68	66	65	63	53	53	48	55	53	53	48	33	38	56	59	51	42	47	41	29	43	45	55	47	40	46	54	51	51.2
Rogers	Maximum	84	82	78	88	87	90	83	71	64	67	73	65	62	55	69	68	62	71	68	70	65	52	51	70	81	75	66	79	87	88	84	72.7
	Minimum	48	50	58	73	62	59	55	47	52	39	44	47	50	34	33	44	56	58	43	41	48	36	21	37	43	47	35	34	38	44	46	45.9
Russellville [Evap]	Maximum	88	85	72	81	91	94	91	73	70	76	77	76	63	60	60	73	69	77	73	75	72	69	56	72	84	79	71	78	87	92	86	76.4
	Minimum	51	57	63	66	58	60	62	50	53	45	44	49	55	41	32	43	54	60	50	41	47	38	26	44	40	53	40	36	42	46	48	48.2
St. Charles	Maximum	84	79	71	75	80	87	88	75	71	61	68	74	67	61	57	60	70	71	73	67	72	68	50	50	65	78	75	66	73	82	88	71.2
	Minimum	53	67	66	68	68	66	64	50	52	47	47	45	55	43	32	36	47	46	56	53	48	40	29	32	43	47	46	36	39	48	50	49.0
Searcy	Maximum	86	78	68	84	91	94	82	73	64	72	79	70	64	57	60	74	65	72	69	75	62	52	55	70	83	75	70	77	85	92	87	73.7
	Minimum	52	64	61	68	66	63	62	50	54	43	44	46	52	42	33	42	55	60	52	42	47	36	26	33	39	55	45	36	40	46	50	48.5
Stuttgart	Maximum	86	76	75	83	89	94	80	74	63	70	76	69	64	58	62	72	66	73	68	73	68	55	53	68	80	76	68	75	82	89	89	73.4
	Minimum	52	65	64	69	63	63	61	49	52	46	46	47	53	42	32	41	54	61	54	40	47	37	27	34	40	52	41	36	43	49	52	48.8
Subiaco	Maximum	88	85	70	81	92	96	89	75	69	70	77	71	68	62	61	75	70	78	71	74	68	58	56	71	83	77	71	79	88	90	88	75.8
	Minimum	52	55	60	62	58	61	62	50	52	47	45	51	54	41	33	46	54	57	48	48	53	42	29	43	44	58	50	40	45	52	53	49.8
Texarkana	Maximum	90	76	71	90	93	92	89	82	72	75	79	72	63	66	66	79	68	82	73	78	67	60	60	76	85	80	76	83	90	92	91	77.9
	Minimum	56	57	65	64	65	67	65	54	53	49	50	56	55	52	35	40	58	57	49	48	45	45	29	44	45	46	46	44	47	48	52	51.2
Thornburg	Maximum	86	71	67	81	87	92	76	73	65	70	76	67	64	58	61	72	65	74	68	73	65	53	54	73	82	74	69	75	88	91	87	72.8
	Minimum	44	58	60	65	67	61	56	42	50	36	39	43	52	38	25	35	52	56	49	36	51	35	24	38	35	47	39	31	37	42	43	44.7
Turnpike	Maximum	83	73	67	73	82	85	76	67	60	66	70	60	55	51	55	65	59	66	62	66	59	47	50	68	73	68	65	72	83	87	83	67.6
	Minimum	63	60	57	60	64	67	54	47	46	45	48	52	45	33	29	41	48	55	42	44	46	30	23	41	55	54	43	49	56	68	63	49.3
Warren	Maximum	86	80	77	80	86	88	84	74	79	78	76	70	64	60	62	73	68	77	71	73	70	63	54	69	80	79	70	70	84	90	89	75.0
	Minimum	53	66	67	70	67	64	66	54	53	55	49	50	50	45	33	39	54	61	54	46	49	41	30	37	43	60	49	39	47	55	53	51.6
White Rock	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wilson	Maximum	83	74	76	83	88	89	83	67	67	67	74	72	65	54	60	69	63	72	67	71	62	59	47	64	79	72	64	71	80	88	83	71.4
	Minimum	54	62	65	68	67	66	57	45	50	41	40	45	49	37	32	40	51	54	58	44	50	37	31	31	44	54	41	32	45	53	49	48.1
Wynne	Maximum	83	71	73	83	89	92	78	70	65	70	76	70	62	56	61	69	64	73	68	74	61	52	50	67	81	76	67	59	83	92	89	71.7
	Minimum	52	63	66	70	65	63	60	49	50	40	42	43	54	38	30	39	53	57	57	40	47	34	24	29	42	53	39	32	43	53	54	47.6

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for October, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.178	.221	.059	.019	.109	.221	.198	.303	.267	.013	.111	.186	.052	.039	.200	.152	....	*	.291	.208	.198	.084	.188	.151	.129	.149	.281	.178	.153	.127	.164	4.783
	Mean tem.	68	62	66	76	78	77	72	66	60	60	64	59	58	56	48	56	51	60	60	58	54	48	42	51	62	62	59	58	63	67	69	61.2
	Wind move	5	43	76	45	33	38	24	67	50	41	12	25	43	60	60	33	30	57	71	69	42	43	63	36	23	30	72	31	28	16	37	1,303
Russellville [Ozark Nursery]	Evap.	.168	.160	.038	.048	.158	.176	.264	.178	.076	.108	.112	.034	.062	.136	.140	.060	.098	.132	.366	.170	.064	.112	.098	.100	.090	.248	.134	.108	.074	.088	.138	3.968
	Mean tem.	70	71	68	74	74	77	76	62	62	60	60	62	59	50	46	58	62	68	62	58	60	54	41	58	62	66	56	57	64	69	67	62.3
	Wind move	24	45	46	38	43	24	50	34	28	18	20	10	34	59	37	53	40	32	111	37	24	62	41	24	16	60	30	30	6	14	20	1,110
Stuttgart [Rice Exp. Farm]	Evap.	.141	.164	....	.009	.081	.153	.140	.200	.137	.025	.107	.096	.006	.029	.121	.096	.095	..	.056	.167	.129	.018	*	.125	.073	.103	.169	.094	.043	.057	.062	3.018
	Mean tem.	68	65	70	75	77	78	68	60	58	58	61	58	59	50	46	54	56	67	60	58	56	45	40	50	60	62	55	55	62	69	69	60.3
	Wind move	19	56	38	37	13	18	22	47	45	10	17	8	7	34	44	37	88	35	72	112	55	48	58	47	13	22	61	27	4	2	4	1,100

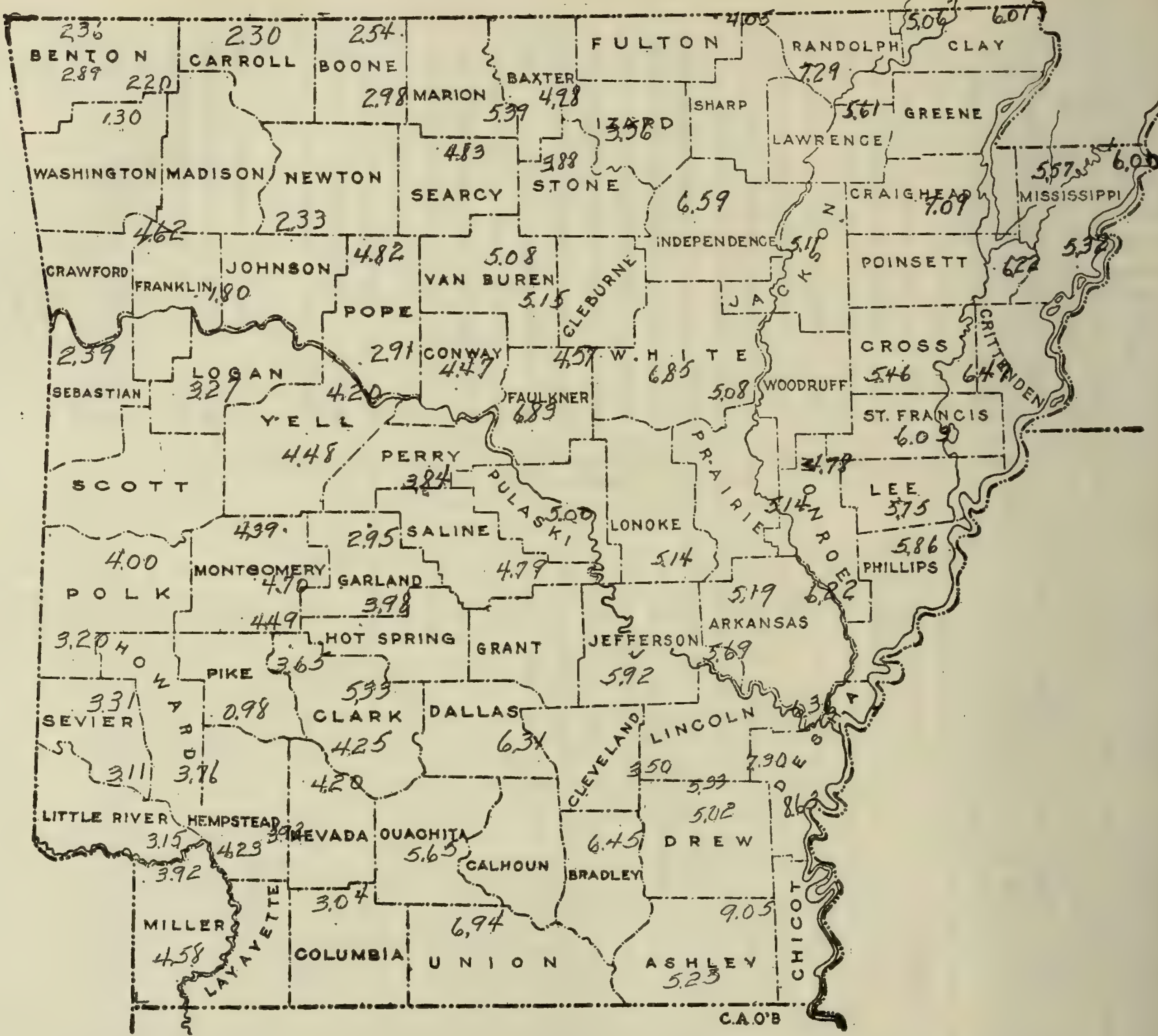
Daily River Stages for October, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith ¶	Arkansas	22	6.2	6.1	6.0	5.8	5.8	5.7	5.6	5.6	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.1	5.1	5.1	5.8	5.7	7.0	7.2	6.2	6.2	6.0	5.8	5.8	5.7	5.7	5.4	5.4
Van Buren	do	22	4.8	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.6	4.0	3.8	3.6	3.6	3.8	3.8	3.9	3.9	4.0	4.2	4.6	6.2	6.7	5.4	4.6	4.3	4.2	3.8	3.8	3.8	3.7	3.6
Danville	Petit Jean	20	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.9	2.1	2.4	9.0	16.2	14.4	8.7	5.4	4.6	4.1	3.8	3.6	3.4	3.2	3.1	3.0
Ozark	Arkansas	22	1.0	0.8	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.7	1.2	1.3	2.2	1.3	0.8	0.5	0.4	0.3	0.3	0.2	0.1
Dardanelle	do	22	4.2	3.1	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.7	2.7	2.7	2.6	2.7	2.6	2.8	3.3	3.4	3.5	3.9	4.1	5.2	4.8	4.1	3.5	3.2	3.1	2.9	2.8	2.7
Morrilton	do	20	0.3	0.9	-0.4	-0.4	-0.6	-0.8	-0.9	-1.0	-1.2	-1.2	-1.3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.1	-0.7	0.0	0.4	0.6	1.1	1.6	0.8	-0.1	-0.6	-0.9	-1.2	-1.2	-1.3
Little Rock	do	23	1.3	0.8	0.3	0.3	0.0	-0.2	-0.4	-0.5	-0.7	-0.8	-0.9	-1.0	-1.0	-1.1	-1.1	-1.1	-1.0	-0.7	-0.4	0.1	0.8	2.0	1.9	1.9	2.0	1.3	0.5	0.0	-0.3	-0.5	-0.7
Pine Bluff	do	25	5.5	4.9	4.6	4.4	4.2	4.1	3.9	3.7	3.6	3.5	3.3	3.2	3.1	3.1	3.0	3.0	3.0	3.2	3.4	3.6	3.9	4.7	5.9	5.5	5.5	5.5	4.9	4.4	3.9	3.6	3.4
Gilbert	Buffalo	30	2.8	2.8	2.9	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.5	3.5	3.7	3.5	3.5	3.3	3.2	3.0	3.0	3.0	3.0	2.9	2.9
Doniphan, Mo.	Current	16	2.0	2.1	2.2	2.5	2.5	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.2	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1
Black Rock	Black	14	1.6	1.6	1.7	1.9	6.7	4.4	3.1	2.6	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.7	2.4	3.2	3.9	3.6	3.3	3.2	2.9	2.8	2.7	2.4	2.2	2.2	1.9	1.9
Ozark Beach Mo	White	30	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	-6.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
Cotter	do	21	3.0	3.0	3.2	3.4	3.5	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.5	3.5	3.5	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Calico Rock	do	18	0.4	0.2	0.3	0.3	0.5	0.4	0.2	0.1	0.2	0.1	0.0	0.1	0.2	0.0	0.0	-0.1	0.0	0.5	0.9	1.1	1.0	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.2	0.2	0.2
Batesville	do	23	4.6	4.8	4.8	8.0	8.2	5.8	5.3	5.0	4.9	4.9	4.8	4.7	4.7	4.7	4.5	4.5	4.5	5.0	5.5	6.4	6.1	5.8	5.5	5.2	5.0	5.0	4.9	4.7	4.7	4.7	4.7
Newport	do	26	0.5	0.5	0.9	0.9	10.9	9.1	8.4	6.4	4.0	2.5	1.9	1.5	1.1	1.0	0.9	0.7	0.6	1.0	2.0	3.3	4.1	3.6	3.0	2.6	2.1	1.9	1.7	1.5	1.2	1.1	1.0
Georgetown	do	21	2.0	1.8	1.6	1.6	2.5	7.5	10.1	10.4	9.5	6.0	6.3	5.3	4.1	3.3	2.9	2.5	2.2	2.2	2.5	2.9	4.2	6.4	6.4	6.0	5.5	4.7	4.2	3.8	3.5	3.1	2.8
Clarendon	do	26	8.9	8.7	8.7	8.6	8.5	9.0	11.5	14.3	15.6	16.0	15.6	14.7	13.7	12.7	11.9	11.3	10.8	10.8	10.8	10.9	11.1	11.8	13.0	13.7	13.7	13.3	12.8	12.3	11.9	11.6	11.3
St Charles	do	..	9.3	9.2	9.2	9.1	9.0	9.0	10.1	12.5	14.3	15.0	15.2	14.8	14.1	13.2	12.4	11.8	11.5	11.1	11.0	11.0	11.2	11.5	12.3	12.8	13.3	13.2	12.9	12.4	12.0	11.7	11.4
Arkadelphia	Ouachita	17	4.2	4.2	5.2	4.1	3.7	4.7	4.8	5.6	5.4	5.2	4.3	3.8	4.9	4.3	5.5	6.0	4.5	4.7	5.7	5.1	5.8	6.6	5.9	4.4	4.2	4.9	6.8	6.6	7.0	6.1	6.1
Boughton	Little Mo.	..	3.1	3.2	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.4	3.5	3.9	3.9	4.0	4.4	4.5	4.2	3.3	3.7	3.6	3.5	3.4	3.4	3.4
Camden	Ouachita	26	4.5	4.5	4.8	4.4	4.5	4.0	4.1	4.5	4.0	4.8	4.5	4.0	4.5	4.2	4.5	4.3	4.9	5.2	5.6	6.6	7.9	7.6	7.0	6.8	6.2	4.9	4.4	5.2	5.8	5.9	5.9
Whitecliffs	Little River	25	3.0	2.7	1.8	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.7	2.0	1.7	9.1	7.8	5.9	4.9	3.5	2.5	2.5	2.4	2.2	2.0	1.9
Index	Red	25	6.0	6.6	6.6	6.5	6.4	6.3	6.2	6.2	6.1	5.9	5.8	5.8	5.8	5.8	5.9	5.8	13.6	12.0	11.1	10.8	10.4	10.0	9.8	9.6	8.9	8.5	8.4	7.8	7.4	7.2	7.1
Fulton	do	25	6.8	6.4	6.3	6.2	5.9	5.7	5.5	5.4	5.2	5.1	5.0	4.9	4.9	4.9	4.9	4.8	8.2	12.1	10.7	10.3	10.8	10.8	10.2	9.8	9.3	8.6	8.0	7.8	7.3	6.7	6.4
Big Lake Outl't	Little River	10	4.4	4.4	4.7	4.8	4.8	4.9	5.1	5.3	5.3	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.7	5.2	5.4	5.9	6.8	7.8	8.3	8.3	8.2	8.0	7.7	7.4	7.1	6.9	6.7
St. Francis	St. Francis	18	4.8	4.6	5.0	4.7	4.4	4.6	4.7	4.7	5.9	6.4	6.9	5.9	5.6	5.5	5.4	5.2	5.4	7.9	7.9	9.5	9.3	8.9	7.9	7.1	6.8	6.4	5.9	5.6	5.4	5.2	4.9
St. Francis L.L.	do	..	20.7	20.8	21.1	21.2	21.2	21.2	21.2	21.2	21.3	21.3	22.3	21.2	21.3	21.1	21.0	21.0	21.0	21.2	21.3	21.3	21.4	21.6	21.8	22.1	22.2	22.4	22.4	22.5	22.4	22.4	22.4
Marked Tree	do	17	1.0	1.0	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.5	1.7	2.2	2.5	2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.9
Parkin	do	28	1.9	2.0	2.3	2.7	3.0	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	3.6	4.5	5.3	6.0	6.0	5.6	5.2	4.8	4.5	4.4	4.3	4.4	4.5	4.5
Madison	do	32	2.5	2.6	3.1	3.4	3.7	4.1	4.3	4.2	4.0	3.9	3.9	3.9	4.0	4.0	3.9	3.9	4.0	4.7	4.9	5.6	6.2	6.5	6.4	6.0	5.7	5.5	5.4	5.4	5.4	5.5	5.7
Helena	Mississippi	42	2.6	2.5	2.6	2.7	2.4	2.4	2.7	3.2	4.1	4.8	5.0	5.3	5.7	6.1	6.1	5.3	4.6	4.1	3.8	4.1	4.4	5.1	6.1	6.9	7.9	8.6	9.2	9.9	10.8	11.2	11.3
Arkansas City	do	42	0.7	0.4	0.3	0.4	0.3	0.2	-0.1	-0.1	0.3	0.9	1.6	2.0	2.2	2.5	2.7	2.7	2.3	2.1	1.5	1.1	1.0	1.3	1.7	2.8	3.4	4.2	5.0	5.5	6.0	6.6	7.0

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters $^{a, b, c}$, number of days missing. †Also on other dates. ‡‡P. O addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1. Altheimer; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24 hours ending 7 a.m. Data in italics interpolated. *Included in next measurement. ¶All pool stages except 21st and 22d.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period: for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for October, 1937



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLII Little Rock, Ark., November, 1937 No. 11

Price: 5 Cents per Copy: 25 Cents per year

GENERAL SUMMARY

Temperature means were below normal the entire month. The mean temperature, based on the reports of 67 stations, was 48.3°, which is 3.1° below the 47-year mean. Monthly means ranged from 53.6° at Magnolia to 42.2° at Lead Hill. The highest temperature for the month was reported on the 1st at nearly all stations, the highest being 90° at Dumas. Lowest temperatures occurred on either the 20th or 21st, the lowest reported being 6° at Lead Hill on the 21st. The greatest daily range was 51° at Lead Hill.

The average precipitation for the 96 stations reporting was 4.99 inches, which is 1.27 inches above the 47-year mean. Precipitation was below normal over the northern half of the State; above normal over the southern half and considerably above over the southwestern and south-central counties. Monthly totals ranged from a little over 9 inches in Miller and Bradley counties to 1.54 inches at Gravette in northwest Benton County. The greatest 24-hour rainfall reported was 4.75 inches at Alum Fork Reservoir in northwest Saline County. There were four rainy periods during the month. From the 2d to the 5th light scattered showers occurred over the northern counties as far south as Polk, Saline, Jefferson and Desha. From the 8th to the 10th, inclusive, was a period of general rain for the entire State. The amounts ranged from less than an inch in Benton County to over 5 inches in Saline, Garland, Yell, Miller, Bradley and Ouachita counties. Precipitation was reported from the 15th to the 19th and again on the 27th and 28th. The only heavy rainfall during these two periods occurred on the 15th and 16th in the south-central and southwestern counties, the amounts ranging from 2 to 4 inches. The heavy rainfall of the 9th and 10th, and 15th and 16th in the Ouachita drainage area caused a considerable rise in the Ouachita River at Camden, rising to a crest of 23.9 feet on the 19th. Snowfall was reported on the 16th over the northern and western parts of the State. Light snow was also reported on the 19th, 22d and 28th in many counties. Snowfall for the month totaled 5 inches in Benton and Carroll counties, and 2 or more inches in the rest of the northwestern and extreme northern counties. The average number of days with 0.01 or more precipitation was 8.

The weather was favorable for picking cotton the first week, but the rest of the month was more or less unfavorable and much cotton remained in the fields in the eastern lowlands at the end of the month. Corn and other feed crops were gathered rapidly during the dry days of the month. Winter crops were reported in good condition. The month had an average of 13 clear, 6 partly cloudy and 11 cloudy days. O.D.N.

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Corrections

Amity, date of maximum temperature for October should be 30th.

Thornburg, number of cloudy days for October should be 9.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense Fog	.	1	.	.	.	.	.	1	1	2	.	.	1	.	.	.	1	4	.	.	.	.	.	.	.	16	14	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorm	.	1	.	.	.	1	.	.	.	.	.	.	.	.	8	.	.	.	.	.	.	.	.	.	.	.	4	2	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-leval)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	7 a.m.	12 noon	7 p.m.	
Bentonville	30.20	30.72	23	29.63	12	7.2	21	sw	7	..	..	..	54
Fort Smith	30.11	30.71	23	29.71	12	8.3	22	s	7	76	58	57	34
Little Rock	30.16	30.69	23	29 69	12	8.2	23	nw	27	77	58	61	50
Memphis	30.15	30.71	22	29.63	28	7.8	27	w	28	73	53	54	49

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47 8	89	10	1.95	T.	5	15	4	11
1921	54 9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50 4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0.1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50.5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T.	9	9	6	15
1932	46.7	82	9	1.98	0.1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
Period	51.4	96	2	3.72	0.1	6	14	6	10

Climatological Data for November, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	47.2	......	83	1†	16	21	41	8.01	......	4.75	T.	7	10	13	7	n.	L. R Water Works
Amity	Clark	500	42	48.0	− 4.2	84	1	20	20	45	5.53	+2.04	3.10	0.1	7	14	8	8	n.	J. W. Campbell
Arkadelphia	Clark	200	42	......	......	......	......	......	......	......	5.94	+2.39	3.02	0.0	9	17	5	8	e.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	53	......	......	......	......	......	......	......	6.44	+2.66	2.10	0.0	7	15	2	13	......	Herbert Neff
Batesville	Independence	277	38	47.4	− 1.8	86	1	13	21	38	3.03	......	1.35	T.	10	17	3	10	n.	Airway Observer
Bee Branch	Van Buren	700	45	47.2	− 3.6	85	1	14	21	46	3.55	−0.11	1.10	0.0	7	13	8	9	n.	J. E. Scanlan
Benton	Saline	285	2	48.8	....	84	1	19	21	41	6.20	......	2.78	T.	9	16	5	9	ne.	S. A. Burks
Bentonville	Benton	1295	32	43.8	− 4.4	80	1	12	21	32	2.35	−0.66	1.14	5.1	9	13	4	13	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	7	......	......	......	......	......	......	......	3.47	......	0.86	1.5	10	12	3	15	......	C. J. Brooks
Black Rock	Lawrence	259	36	....	......	......	......	......	......	......	3.41	−0.50	1.10	T.	11	17	2	11	n.	Vernon C. Howe
Blytheville	Mississippi	252	12	46.1	− 5.3	83	1	16	21	36	2.71	−1.52	0.82	0.5	9	17	6	7	sw.	Samuel Norris
Booneville	Logan	465	23	48.6	− 4.0	86	1	18	21	44	4.62	+1.38	2.92	0.5	10	11	8	11	e.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	......	......	......	......	......	......	......	6.61	......	2.85	0.0	6	15	3	12	......	Harry Buie
Brinkley	Monroe	205	50	48.7	− 3.2	83	1	23	20†	39	5.18	+1.22	2.26	T.	8	15	5	10	se.	R J Torry
Calico Rock	Izard	361	33	......	......	......	......	......	......	......	2.84	−0.67	0.95	0.5	10	17	4	9	......	William Jones
Camden	Ouachita	116	52	51.9	− 0.3	87	1	20	20	45	8.91	+4.97	4.02	T	9	9	8	13	n.	J M. Knight
Clarendon	Monroe	172	33	......	......	......	......	......	......	......	4.83	+0.98	2.15	T.	8	13	4	13	n.	R. M. Wheatley
Clinton	Van Buren	516	16	......	......	......	......	......	......	......	3.63	+0.19	1.03	0.0	7	14	7	9	n.	A L. Stephens
Conway	Faulkner	309	54	48.2	− 3.7	84	1	17	21	42	5.38	+1.78	1.67	0.0	10	14	8	8	s.	E. E Cordrey
Cornerstone. ‡‡	Jefferson	195	26	49.2	− 3.5	81	1	20	21	39	5.35	+1.72	3.07	T.	9	16	5	9	s.	P. B Hutchens
Corning	Clay	293	44	46.1	− 2.5	87	1	13	21	44	2.85	−0.91	0.95	T.	8	16	6	8	w.	Winfred D. Polk
Cotter	Baxter	440	10	......	......	......	......	......	......	......	2.49	+0.16	0.69	2.0	8	15	4	11	......	O. B McSpadden
Crosset (near)	Ashley	175	25	50.8	− 3.2	85	1	17	20†	43	4.84	+0.96	1.19	T.	8	15	5	10	n	U. S. Forest Service
Danville	Yell	327	21	......	......	......	......	......	......	......	6.24	+3.17	3.16	T.	8	11	8	11	......	J. M. Patterson
Dardanelle	Yell	330	51	50.6	− 1.3	87	1	19	21	42	3.94	+0.63	0.94	0.0	8	9	8	13	e.	Geo. N. Goodier
De Queen	Sevier	426	2	50.8	......	84	1	20	20†	42	3.99	......	1.49	0.0	6	15	5	10	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	1	44.5	......	86[a]	1	9	21	31[a]	4.63	......	2.01	4.5	8	12[a]	5[a]	12[a]	s.	U. S. Forest Service
Dumas	Desha	162	32	51.2	− 2.5	90	1	19	21	43	5.28	+1.08	1.90	0.0	9	11	10	9	n.	Ben Johnson
El Dorado	Union	270	37	51.8	− 3.4	86	1	20	20	38	7.64	+3.58	3.19	T.	7	11	9	10	n.	Mrs. E. W. Gaston
England	Lonoke	229	31	49.2	− 4.0	85	1	19	20	39	5.99	+2.20	1.90	T.	9	19	3	8	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	45.0	− 5.9	82	1	10	21	32	2.67	−0.43	1.19	5.0	7	16	2	12	n.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	43.4	− 6.1	82	1	13	28	35	3.06	+0.19	1.37	3.9	11	11	9	10	ne.	University of Arkansas
Fordyce	Dallas	190	9	50.9	......	83	1	20	20†	38	7.92	......	2.73	T.	8	14	6	10	n	M. G. Taylor
Fort Smith	Sebastian	448	13	48.6	− 2.4	84	1	20	20	36	3.98	+1.11	3.03	0.4	8	8	10	12	e.	U. S. Weather Bureau
Fulton	Hempstead	260	52	......	......	......	......	......	......	......	8.81	+5.31	3.95	0.0	5	13	3	14	......	T. J Logan
Georgetown	White	200	25	......	......	......	......	......	......	......	4.20	+0.41	1.98	0.0	6	14	1	15	......	W. R. Putt
Gilbert	Searcy	600	12	44.0	......	85	2	10	21	52	2.41	+0.06	1.07	0.0	6	18	2	10	......	F. J. King
Glenwood	Pike	547	2	......	......	......	......	......	......	......	3.52	......	1.21	T.	7	3	3	24	......	C. A. Price
Grannis	Polk	900	18	47.1	− 3.9	85	1	15	20†	43	5.72	+1.60	1.85	T.	11	11	8	11	se.	W E. McVay
Gravette	Benton	1250	40	45.0	− 4.0	86	1	12	21	44	1.54	−1.62	0.77	T.	8	12	7	11	nw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	1	47.1[b]	......	81[b]	1	9[b]	21	......	2.76	......	0.90	T.	10	14[b]	4[b]	10[b]	n.	U. S. Forest Service
Harrison	Boone	1052	37	44.0	− 4.7	83	1	11	21	41	2.35	−0.46	1.45	2.0	8	17	1	12	nw.	Louis R. Keck
Helena	Phillips	300	65	51.8	− 1.2	88	1	16	21	34	5.33	+0.89	2.24	T	9	8	7	15	n.	James A. Burnett
Highland	Pike	491	18	52.2	......	87	1	19	20	34	4.23	+0.71	1.23	0.9	7	9	7	14	w	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	49.6	− 4.6	85	1	20	20	41	6.34	+2.58	2.35	T.	6	9	13	8	ne.	Experiment Farm
Hot Springs	Garland	600	46	49.6	− 3.2	85	1	18	21	40	7.06	+3.16	3.15	1.5	9	8	11	11	s.	National Park Service
Index ‡‡	Little River	275	20	......	......	......	......	......	......	......	9.22	+6.32	4.50	0.0	6	11	2	17	......	W. E. McDowell
Jessieville	Garland	750	11	......	......	......	......	......	......	......	7.20	+2.87	4.10	1.0	5	10	9	11	sw.	U. S. Forest Service
Jonesboro	Craighead	345	42	47.6	− 3.6	85	1	15	21	35	3.68	+0.29	1.17	1.6	10	11	6	13	ne.	Benedictine Sisters
Lead Hill	Boone	650	31	42.2	− 6.2	78	1†	6	21	51	2.02	−0.74	0.96	1.5	10	14	4	12	w.	J. H Crosswhite
LITTLE ROCK.	Pulaski	324	58	48.7	− 3.4	82	1	19	21	28	3.74	−0.45	1.35	T.	9	10	8	12	e.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	1	48.5	......	85	1	19	21	38	4.62	......	1.54	T.	11	10	8	12	e.	Airway Observer
Lutherville ‡‡	Johnson	775	38	48.0	− 3.0	85	1	15	21	34	3.97	+0.56	2.46	0.0	8	13	7	10	ne.	H G. Lenhardt
Madison	St. Francis	209	7	......	......	......	......	......	......	......	5.18	......	2.26	T.	9	14	1	15	......	J. W. Eppes
Magnolia	Columbia	315	21	53.6[c]	− 1.4	88[c]	1	20[c]	20	39[c]	7.68	+3.68	3.10	0.0	6	8[c]	12[c]	7[c]	nw.	State Agri. School
Mammoth Spring.	Fulton	600	33	44.4	− 4.3	84	1	8	21	43	3.60	+0.33	1.20	2.0	6	11	12	7	n.	Paul Morton
Marianna	Lee	235	26	49.0	− 3.3	84	1	17	21	35	3.95	+0.45	1.76	0.0	10	6	19	5	n.	C. N Houck
Marked Tree	Poinsett	229	33	46.7	− 2.5	84	1	15	21	37	4.32	+0.17	2.22	T.	9	12	9	9	n.	Charles Walton
Mena	Polk	1207	49	48.3	− 3.9	84	1	19	20†	38	4.71	+1.09	2.51	T.	8	10	7	13	n.	E. W. St. John
Monticello Airway	Drew	273	1	51.4	......	85	1	20	20	38	6.59	......	1.96	0.0	9	14	6	10	n.	Airway Observer
Monticello	Drew	273	2	......	......	......	......	......	......	......	6.22	......	1.80	0.0	7	..	..	..	......	Soil Conservation Ser.
Montongo	Drew	....	2	......	......	......	......	......	......	......	6.42	......	2.56	0.0	6	16	0	14	n.	Soil Conservation Ser.
Morrilton	Conway	315	18	51.4	+ 0.5	84	1	18	21	42	4.94	+1.66	1.52	0.0	9	6	12	12	ne.	Mrs Freda M. Ashcraft
Mountain Home	Baxter	800	25	44.6[b]	− 4.0	81[b]	1	9[b]	21	42[b]	2.76	−0.07	1.20	2.5	7	..	..	..	s.	B. S. Halbert
Mount Ida	Montgomery	702	38	45.8	− 4.8	88	1	13	21	46	5.80	+1.37	2.83	0.0	6	13	4	13	e.	G. A. Whittington
Mountainburg	Crawford	2010	1	......	......	......	......	......	......	......	3.06	......	1.39	2.2	8	13	5	12	se.	C. A. Lovell
Newport	Jackson	231	54	48.2	− 2.8	85	1	16	21	40	4.12	+0.48	2.10	0.5	9	14	8	8	s.	J. D. Henderson
Norman	Montgomery	687	9	......	......	......	......	......	......	......	5.60	......	2.50	T.	6	12	1	17	s.	U. S. Forest Service
Oden	Montgomery	800	10	47.2	......	84	1	15	21	42	4.52	......	2.54	T.	6	9[b]	8[b]	11[b]	n.	U. S. Forest Service
Okay	Howard	288	9	51.4	......	88	1	18	20	47	6.97	......	2.54	0.0	8	18	5	7	w.	Charles R. Jackson
Ozark	Franklin	396	42	46.4	− 5.0	86	1	15	21	44	2.51	−0.28	1.40	0.0	6	7	7	16	se.	Orkney O. Milton
Paragould	Greene	275	14	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	W. R. Heagler
Parkin	Cross	222	7	......	......	......	......	......	......	......	4.69	......	2.12	T.	7	14	1	15	......	Carroll King
Patterson	Woodruff	204	21	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	W. E. Baker
Pine Bluff	Jefferson	215	50	51.2	− 2.1	86	1	21	21	39	5.91	+1.91	2.10	T	8	12	7	11	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	13	......	......	......	......	......	......	......	4.74	+0.49	2.31	T.	6	5	15	10	w.	J R. Huddleston
Pocahontas	Randolph	300	44	47.2	− 2.9	83	1	13	21	38	4.50	+0.99	1.65	0.1	9	14	6	10	ne.	Benedictine Sisters
Portland	Ashley	122	31	51.0	− 3.3	85	1	20	20†	39	4.33	+0.40	1.65	0.0	6	11	5	14	nw.	W E. Edmiston
Prescott	Nevada	318	49	51.6	− 2.6	87	1	20	20	38	7.32	+3.69	2.75	0.0	5	14	6	10	e.	Craig Williams
Rock Springs ‡‡	Drew	....	2	......	......	......	......	......	......	......	6.14	......	2.15	0.0	5	17	0	13	n.	Soil Conservation Ser.
Rogers (near) ‡‡	Benton	1300	47	44.5	− 4.5	82	1	10	21	43	2.22	−0.70	1.39	3.5	7	15	4	11	nw.	Carl A. Starck
Rosebud. ‡‡	Faulkner	600	3	......	......	......	......	......	......	......	4.44	......	1.26	T.	8	16	5	9	n.	G. A. Maddox
Russellville [Evap]	Pope	526	25	49.8	0.0	86	1	18	21	42	3.12	−0.83	1.49	0.0	9	19	0	11	se.	U. S. Forest Service
St. Charles	Arkansas	175	4	48.8	......	87	1	18	21	38	5.78	......	2.09	0.0	9	12	5	13	n.	U. S. Biological Survey
St. Francis	Clay	290	10	......	......	......	......	......	......	......	3.73	−0.05	0.62	2.0	10	20[a]	1[a]	8[a]	......	A Boyce Boyd, Jr.
Searcy	White	245	27	49.4	− 1.6	87	1	16	21	39	3.94	+0.06	2.03	0.0	10	15	4	11	ne.	Walter Smith
Springbank ‡‡	Miller	240	28	......	......	......	......	......	......	......	9.28	+5.47	3.90	0.0	6	14	0	16	......	Henry Field
Story	Montgomery	650	13	......	......	......	......	......	......	......	5.64	+1.68	3.22	2.0	5	13	6	11	ne.	S. C Story
Stuttgart	Arkansas	214	50	49.0	− 3.4	86	1	17	21	40	5.29	+1.47	2.25	0.0	9	19	3	8	w.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	2	49.6[a]	......	85[a]	1	18[a]	21	39[b]	4.59	......	2.06	0.0	9	..	..	..	......	Rice Experiment Sta.
Subiaco	Logan	750	40	49.0	− 3.8	87	1	18	21	44	5.56	+2.47	3.68	T.	11	15	3	12	ne.	New Subiaco Abbey
Texarkana	Miller	332	52	52.6	− 2.6	87	1	21	20	37	9.19	+5.77	4.06	T.	5	11	7	12	n.	H. S. Brasbear
Thornburg	Perry	650	17	46.7	− 4.1	83	1	13	21	45	6.07	+2.47	3.06	T.	10	13	8	9	n.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	13	44.2	......	82	1	9	21	24	4.39	+0.58	1.74	1.9	7	12	2	16	ne.	U. S. Forest Service
Warren	Bradley	206	43	51.4	− 2.4	84	1	20	20	38	9.44	+5.41	2.00	0.0	10	11	0	19	nw.	C. N. Turner
Whitecliffs	Little River	290	31	......	......	......	......	......	......	......	8.11	+5.08	2.70	0.0	6	13	6	11	......	L. M. Snead
White Rock ‡‡	Franklin	2285	1	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	U. S. Forest Service
Wilson	Mississippi	237	12	47.8	− 2.7	84	1	15	21	37	3.11	−1.03	1.18	0.0	7	17	1	12	n.	D O. Anderson
Wynne	Cross	250	29	48.2	− 2.6	89	1	14	21	40	4.05	+0.14	1.70	T.	7	9	12	9	n.	B. M. Eddins
Yancopin	Desha	167	13	......	......	......	......	......	......	......	5.50	+0.03	2.09	0.0	10	14	2	14	......	W. E. Barton
State Means				48.3	− 3.1	90	1	6	21	51	4.99	+1.27	4.75	0.5	8	13	6	11	n.	

Daily Precipitation for November, 1937

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita								1.43	.45	4.75					.50	.54		.14				T.						.20				8.01
Amity	Ouachita					.15			.13	.47	3.10						1.47			.16									.05				5.53
Arkadelphia	Ouachita					.01			.05	.48	3.02	.09					2.04	.01		.12									.12				5.94
Arkansas City	Mississippi			T						1.45	2.10	.80					1.47	.06		.45							T.	T.	.11				6.44
Batesville	White		.01		T.	.01			.37	.11	1.35	.02					.52		.02	.04								T.	.58				3.03
Bee Branch	Arkansas					.10			.40	.40	1.10	.15				T.	.75		T.										.65				3.55
Benton	Saline					.03			.24	1.02	2.66	.44					1.28	.08		.22			T.						.23				6.20
Bentonville ***	Arkansas				.13				.23	.62	.52					.50	.05		.01	.01			T					.28					2.35
Big Lake Outlet	St. Francis			.47		.12			.11	.83	.86	.23	T				.14	.18		.15	T							T.	.38				3.47
Black Rock	White		.34	.04		.17			31	.46	1.10	.54					.10	.06		.04									.25				3.41
Blytheville	St Francis			.01		.39			.25	.60	.82	.15					.26	.08		.15													2.71
Booneville	Arkansas				.07				.45	.43	2.92					.30	.32		.06	T.			.01					.03	.03				4.62
Boughton	Ouachita									1.24	2.85		.02				2.10			.10									.30				6.61
Brinkley	White					.15			1.04	.38	2.26					T	.55			.40								.02	.38				5.18
Calico Rock	White		.04			.03			.11	.14	.76	.58					.15	.03			.02								.95				2.84
Camden	Ouachita					.01				1.00	4.02	.05					3.33	.02		.15			T.	.02					.31				8.91
Clarendon	White					.05			T.	.86	2.15	.63					.51	.08		.31									.24				4.83
Clinton	White		.06		.05				.76	.13	1.03						.63											.97					3.63
Conway	Arkansas					.11			1.15	.41	1.67					.13	.73		.08								.03	.31	.76				5.38
Cornerstone	Arkansas				.02				.78	.44	3.07	.01				.66	.19		.10									.08					5.35
Corning	White		.43			.13			.12	.41	.08	.95						.38											.35				2.85
Cotter	White					.19				.11	.69	.55					.50	.10		.10									.25				2.49
Crossett [near]	Ouachita								.35	.97	1.19	.15				.50	1.03			.47			T.						.18				4.84
Danville	Arkansas					.15			.42	.68	3.16	.77					.82			.15	T		T.	T.					.09				6.24
Dardanelle	Arkansas					.18			.61	.46	.94	.69					.89			.06									.11				3.94
De Queen	Red								.80	.84	1.49					.67	.11		.08														3.99
Devil's Knob	Arkansas				.09				2.01	1.74	10						.50			.03								.10	.06				4.63
Dumas	White					.03			1.48		1.90	.24	.02			42	.85	.02		.32													5.28
El Dorado	Ouachita			T.		.55				1.11	2.16	19					3.19			.21				T.					.23				7.64
England	Arkansas								1.47	.60	1.90	.16			1.10	.32		.07	.21										.16				5.99
Eureka Springs	White				.16				.18	.10	1.19						.80											.12	.12				2.67
Fayetteville	White		.03		.14				.34	.48	1.37	T				.02	.43		.03	.05	T.		T.					.06	.11				3.06
Fordyce	Ouachita						T.		.94	1.06	2.73	.17				1.18	1.65		.02	.19			T.										7.92
Fort Smith ***	Arkansas		T.		.01			T.	.01	1.84	1.21					.54	.28		T.	T.		T.	.04	T.				.05			T.		3.98
Fulton	Red					T.			T.	87	3.80	.08					3.95			.11													8.81
Georgetown	White					T.			.20	1.00	1.98						.55			.27									.20				4.20
Gilbert	White					.07			.14	.35	1.07	.30					.48																2.41
Glenwood	Ouachita		.04	.17					1.17							1.21	.61			.21			.11										3.52
Grannis	Red				T.	.05			1.85	.68	1.80	.02				.88	.21		10	.02		T.	T.				T.	.09	.02				5.72
Gravette	Arkansas										.77						.57												.20				1.54
Green Mountain	White		.05		.02	.06			.02	.10	.90	.25					.54		.01									.81					2.76
Harrison	White				.13	.02			.15	.04	1.45						.43			T								.12	.01				2.35
Helena	Mississippi					.06				1.25	2.24	1.10					.20	.17		.21							.02		.08				5.33
Higden	White																																...
Highland	Ouachita								.62	.68	1.23	.08				1.00	.50		.12														4.23
Hope [Evap]	Red									1.45	2.35	.11					2.31			.10			T						.02				6.34
Hot Springs	Ouachita								1.75	.50	3.15					.88	.55		10	.02			.06					.05					7.06
Index	Red								.05	1.20	3.25	.10					4.50			.12								T.					9.22
Jessieville	Ouachita								1.50		4.10						1.20		.30														7.10
Jonesboro	White			.24		.14			.30	.56	1.17	.35					.31	.06		.15	T.								.40				3.68
Lead Hill	White				.22	.04			.08	.03	.96	.01	T.				.48			.01								.07	.12				2.02
Little Rock ***	Arkansas				.02				1.15	1.02	.40					.40	.38		.24	T.							T.	.12	.01				3.74
LittleRock Airway	Arkansas					.12			1.26	.42	1.54	.01				.33	.55		.24	.02								.12	.01				4.62
Lutherville	Arkansas				T.	.06			.53	.19	2.46					.07	.54		.05									.07					3.97
Madison	St. Francis					.13				1.25	2.26	.05					.80	.20		.20							.05		.24				5.18
Magnolia	Red								.59	3.00	.44						3.10		T.	.10									45				7.68
Mammoth Spg	White					.25			.40		85	.55				T.	.35			T.								T.	1.20				3.60
Marianna	St. Francis					.08			.87	.37	1.76	.07					.29			.29							.05	.03	.14				3.95
Marked Tree	St. Francis					.18			.19	.63	2.22	.22					.27	.12		.14							T.		.35				4.32
Mena	Ouachita			T.	T.	.01			.19	.64	2.51	.02					1.24			.07				T.					.03				4.71
Monticello Airway	Ouachita								1.49	.99	1.31					.40	1.96		.04	.26								.04	.10				6.59
Monticello ***	Ouachita								1.25	1.11	.99	.10				1.80	.60		.25									.12					6.22
Montongo	Ouachita								1.54	1.39	.42					2.56			.31									.20					6.42
Morrilton	Arkansas					.18			.94	.51	1.52	.51					.83	.02		.08									.35				4.94
Mountainburg	Arkansas				.06				.61	.41	1.39					.02	.41		T.	T			T.					.10	.06				3.06
Mount Ida	Ouachita								.92	.65	2.83					.76	.51		.13														5.80
Newport	White					.11			.19	.26	2.10	.43					.38	.13		.16									.36				4.12
Norman	Ouachita								1.02	.70	2.50	.22					1.06		.10				T.										5.60
Oden	Ouachita								.42	.12	2.54	.23					1.17			T.			T.	.04									4.52
Okay	Red					.05			.98	1.00	1.80	.10				2.54	.40		.10														6.97
Ozark	Arkansas				.02	T.			.13	.11	1.40	.25					.60			T.	T.												2.51
Paragould	St. Francis																																..
Parkin	St. Francis					.36			T.	1.23	2.12	.14					.25	T.		.30									.29				4.69
Patterson	White																																..
Pine Bluff	Arkansas					.04				1.12	2.10	1.20					1.09	.10		.18									.08				5.91
Pine Ridge	Ouachita								.35	.52	2.31						.62	.67					.27										4.74
Pocahontas	White		.60			.13		.20	.65		1.65	.35					.45			.07									.40				4.50
Portland	Ouachita									.70	1.08	.12					1.65			.63									.15				4.33
Prescott	Ouachita									1.72	2.75						2.58			.10									.17				7.32
Rock Springs	Ouachita								1.20	2.00	.48					2.15			.31														6.14
Rogers (near)	White				.12	.09			.13	.10	1.39						.28											T.	.11				2.22
Rosebud	Arkansas				.25				1.26	.26	1.02	T.				.09	.76		.18									.62					4.44
Russellville	Arkansas				T				.45	.25	1.49	.05				.06	.64		.09									.02	.07				3.12
St. Charles	White					.11				1.08	2.09	.84					.85	.12		.32							.05		.32				5.78
St Francis	St. Francis		.24	T.		.22			.56	.41	.36	.51					20	.41		.20							T.		.62				3.73
Searcy	White			.03		.22			.27	.26	2.03	.01					.65	.02		.21									.24				3.94
Springbank	Red			T.		T.			T.	1.65	3.90	.07					3.56	T.		.05				.05					T.				9.28
Story	Ouachita								.71	3.22	.21	T.				1.28	T.						.19										5.64
Stuttgart	Arkansas					.15			.03	.88	2.25	.48					.96	.04		.35									.15				5.29
Stuttgart [Evap]	Arkansas					.09				.77	2.06	.46	.02	T.			.77	.10		.20									.12				4.59
Subiaco	Arkansas		.07		.07	T.			28	.23	3.68	.01				.24	.80		.07	.05								.06	T.				5.56
Texarkana	Red								.08	1.92	3.03						4.06			.10			T.										9.19
Thornburg	Arkansas					.01			.98	.41	3.06	T.				.41	.88		.07	.02			T.					.10	.13				6.07
Turnpike	Arkansas				T.	.03			1.41	.13	1.74					T	.59			T.								.14	.35				4.39
Waldron	Arkansas																																
Warren	Ouachita		.28					1.11	1.16	2.00	.79	.84				.62	2.00			.34									.30				9.44
Whitecliffs	Red									1.30	2.70	.08				2.70	1.22			.11													8.11
White Rock	Arkansas																																....
Wilson	Mississippi					.17				1.18		.89					.35			.19								.18	.15				3.11
Wynne	St. Francis				.23				1.02	20	1.70	.10					.35												.45				4.05
Yancopin	Arkansas					.04				1.35	2.00	.90	.01				.61	.05		.28							.16		.10				5.50

Daily temperatures for November, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	83	83	62	58	68	70	78	71	65	61	68	68	68	65	60	46	42	37	36	36	35	37	41	54	62	63	59	58	60	55		58.
	Minimum	53	55	47	34	40	29	42	58	49	51	50	46	43	40	36	31	27	24	25	20	16	25	29	21	32	32	44	29	29	30		36.
Amity §§	Maximum	84	70	63	60	70	74	77	65	62	69	69	72	72	67	47	39	39	36	32	38	36	33	48	59	63	68	61	60	64	57		58.
	Minimum	49	52	51	40	42	33	32	51	60	57	55	45	45	44	39	37	31	27	30	20	21	23	28	25	25	32	35	30	31	32		37.
Batesville	Maximum	86	74	60	61	68	70	75	66	63	58	68	69	71	66	57	49	40	36	36	36	31	39	46	56	63	65	60	57	62	48		57.
	Minimum	49	52	42	29	46	32	46	58	47	51	51	51	46	42	32	32	30	27	26	18	13	24	26	20	32	47	47	31	33	28		36.
Bee Branch	Maximum	85	72	64	58	66	78	68	69	62	67	67	67	69	65	63	45	41	38	33	35	34	37	44	53	60	60	60	57	60	57		57.
	Minimum	52	54	46	32	40	32	44	58	50	49	50	47	45	42	34	31	28	26	25	19	14	26	30	22	32	37	42	30	26	32		36.
Benton	Maximum	84	72	64	66	71	72	77	74	65	63	69	79	74	70	61	49	44	38	37	40	36	47	44	59	65	65	65	59	60	52		60.
	Minimum	48	52	45	44	40	31	39	59	54	54	53	44	42	31	35	33	30	26	29	21	19	29	29	22	31	32	48	80	25	31		37.
Bentonville ***	Maximum	80	65	59	52	62	69	73	68	55	57	68	70	64	59	52	34	30	34	26	30	28	34	43	54	59	61	54	47	50	51		52.
	Minimum	59	46	43	44	42	37	58	46	41	46	42	43	46	37	34	26	25	26	17	16	12	25	28	25	38	41	26	17	31	26		34.
Blytheville	Maximum	83	72	60	50	66	69	73	62	63	60	63	68	71	62	53	44	43	47	36	35	33	38	44	54	57	59	60	58	60	57		56.
	Minimum	51	44	31	24	40	33	44	56	51	55	47	47	49	40	33	32	30	29	23	19	16	22	20	22	36	47	35	33	30	27		35.
Booneville	Maximum	86	77	65	57	70	75	77	72	62	60	72	72	72	67	58	48	40	37	36	39	35	37	44	58	64	65	61	57	65	54		59.
	Minimum	51	58	48	45	41	31	54	62	50	50	50	42	47	40	37	32	30	29	24	19	18	26	31	25	35	35	39	23	29	36		37.
Brinkley	Maximum	83	71	62	60	73	70	76	65	64	65	66	64	74	68	61	49	41	40	40	39	36	44	46	59	59	62	67	61	63	53		59.
	Minimum	52	55	43	29	45	31	43	58	57	55	41	50	49	43	34	33	32	25	29	23	27	27	29	23	33	38	43	33	30	31		38.
Camden	Maximum	87	79	65	65	74	77	78	78	66	72	71	70	76	73	69	53	43	41	44	41	39	39	50	60	67	70	70	70	64	64		63.
	Minimum	52	54	51	37	46	32	43	62	60	60	57	46	47	40	42	39	33	30	33	20	22	30	34	25	32	34	49	32	27	29		39.
Conway	Maximum	84	74	59	62	69	74	77	69	64	63	65	70	73	68	53	47	38	38	36	35	37	38	45	51	64	53	65	59	60	50		58.
	Minimum	53	57	49	35	44	32	49	60	53	52	50	45	46	37	36	35	31	28	27	22	17	29	32	22	35	38	49	30	29	32		38.
Cornerstone	Maximum	81	71	59	61	67	71	72	72	64	63	65	66	72	70	68	47	38	42	43	36	36	40	41	51	59	54	66	66	58	53		58.
	Minimum	52	55	49	33	46	33	42	60	58	59	54	50	47	46	39	35	32	27	32	23	20	29	32	26	31	36	49	34	39	31		39.
Corning	Maximum	87	75	56	59	66	72	76	67	63	57	67	72	71	61	51	43	43	45	37	35	35	41	45	55	55	63	61	62	60	50		57.
	Minimum	57	49	35	24	42	28	50	56	41	50	50	38	46	41	30	31	29	28	22	19	13	20	19	19	28	45	42	30	28	25		34.
Crossett	Maximum	85	82	66	68	74	74	77	78	67	68	68	62	76	74	68	51	43	48	45	41	39	41	49	59	63	68	73	61	63	64		63.
	Minimum	52	53	49	33	47	31	36	56	60	59	59	64	43	36	36	39	33	26	33	17	17	29	33	25	31	34	40	34	24	26		38.
Dardanelle	Maximum	87	80	67	59	71	74	75	74	66	62	73	70	71	68	61	46	40	38	36	41	38	41	45	55	62	63	62	56	64	54		61.
	Minimum	51	56	50	41	44	32	51	61	51	52	52	45	46	41	36	34	31	29	27	21	19	29	33	23	32	35	45	29	27	29		39.
De Queen	Maximum	84	80	67	63	74	75	79	74	64	70	75	73	76	74	60	50	42	37	38	43	37	39	50	59	61	68	60	59	63	60		61.
	Minimum	50	56	55	41	44	33	47	63	59	55	55	44	46	37	42	36	32	28	30	20	20	30	35	28	34	38	46	28	27	34		39.
Devils Knob	Maximum	86	71	59	51	62	64	78	64	54	53	66	64	65	61	56	45	32	31	32	30	30	34	38	50	55	55	55	50	54	..		53.
	Minimum	62	47	41	39	50	48	58	50	44	44	45	46	50	40	43	22	20	23	15	10	9	20	26	27	35	41	44	19	35	27		35.
Dumas	Maximum	90	73	64	70	74	78	78	70	66	67	70	64	75	72	66	52	52	48	44	38	39	43	45	60	58	58	74	64	65	60		62.
	Minimum	54	52	42	33	47	35	43	59	60	62	56	54	49	46	42	36	32	31	30	21	19	29	21	25	34	36	52	35	28	30		39.
El Dorado	Maximum	86	81	65	66	64	74	77	74	65	67	70	67	75	73	66	50	41	46	42	42	38	39	52	61	69	71	72	58	64	61		62.
	Minimum	56	59	52	39	48	37	39	62	62	60	58	47	50	50	43	40	33	30	33	20	22	23	35	27	32	34	45	32	31	31		41.
England	Maximum	85	71	65	66	76	73	75	65	65	60	66	63	72	67	57	49	41	38	39	40	45	41	46	58	63	51	60	60	65	55		59.
	Minimum	56	56	46	35	44	34	46	59	56	57	52	46	47	39	36	31	26	31	22	19	30	31	31	25	33	39	50	32	32	31		39.
Eureka Springs	Maximum	82	78	59	51	64	69	74	68	55	55	68	71	67	62	52	44	31	34	32	30	27	34	46	55	60	60	56	48	55	51		54.
	Minimum	60	48	41	42	42	40	58	53	43	45	45	40	47	39	37	25	24	25	16	12	10	22	28	28	40	43	31	16	33	27		35.
Fayetteville	Maximum	82	76	60	54	63	69	73	70	56	56	66	68	62	59	59	51	37	35	33	29	30	34	44	54	58	60	57	47	52	52		52.
	Minimum	61	48	45	43	40	34	56	56	43	45	44	38	44	36	34	26	24	27	18	15	14	26	29	25	38	39	34	13	32	29		33.
Fordyce	Maximum	83	75	62	63	76	75	75	72	63	67	69	65	67	75	65	53	40	43	44	41	37	40	47	57	63	65	69	67	65	54		61.
	Minimum	53	59	51	37	48	42	37	60	60	60	55	47	45	42	42	38	32	31	31	20	20	28	34	27	35	37	47	40	30	31		40.
Fort Smith***	Maximum	84	70	65	54	69	73	76	73	60	64	73	69	68	64	51	42	38	37	33	38	34	35	44	53	62	65	56	49	61	52		57.
	Minimum	60	57	51	48	43	37	56	60	50	55	53	47	48	42	42	31	30	32	23	20	21	27	32	29	38	44	32	25	35	35		40.
Gilbert	Maximum	84	85	69	62	56	60	71	73	66	55	57	69	69	71	65	52	34	35	36	27	35	37	37	45	57	65	65	60	54	55		56
	Minimum	32	40	33	32	36	25	40	61	44	44	49	37	36	35	28	28	28	29	26	18	10	22	25	18	24	29	32	25	25	24		31.
Grannis	Maximum	85	75	64	59	61	74	77	71	64	62	74	73	74	73	62	49	41	38	35	34	36	37	46	58	56	66	59	49	50	54		58
	Minimum	48	51	51	36	40	31	43	52	50	52	54	39	44	41	31	33	29	23	26	15	15	29	32	24	29	35	41	22	24	31		35
Gravette§§	Maximum	86	65	62	54	66	75	76	74	60	59	69	74	68	64	58	38	36	40	31	29	33	35	48	57	64	66	62	52	51	54		56
	Minimum	59	48	44	42	41	31	37	61	41	46	41	41	41	35	34	27	24	24	17	16	12	16	24	23	24	37	45	16	17	27		33
Green Mountain	Maximum	81	75	59	55	63	67	71	64	56	65	67	61	67	63	55	47	32	33	32	45	33	..	..	56	62	62	58	56	58	49		56
	Minimum	60	49	39	37	43	45	54	48	47	54	49	45	50	43	39	27	24	25	20	14	9	..	..	22	32	37	48	23	38	27		37
Harrison	Maximum	83	71	66	57	60	69	71	68	55	57	65	67	64	60	50	48	33	39	37	29	27	35	43	53	61	62	57	50	54	45		54
	Minimum	46	50	43	31	42	28	55	54	37	37	48	38	48	42	33	27	26	21	20	15	11	24	26	24	36	31	35	21	31	24		33
Helena	Maximum	88	85	70	67	69	66	66	64	64	64	69	67	72	69	66	67	58	49	53	35	45	45	46	59	58	65	68	68	65	58		62
	Minimum	58	55	42	42	48	42	50	60	59	62	54	52	47	39	36	33	32	24	30	21	16	24	26	27	45	47	51	35	34	31		40
Highland	Maximum	87	79	84	63	71	75	83	78	69	70	71	72	75	70	66	53	39	46	39	41	37	38	46	59	63	67	65	55	62	57		62
	Minimum	56	60	52	42	47	43	49	61	56	54	56	47	53	46	44	36	31	26	29	19	21	29	32	28	36	40	47	28	35	48		41
Hope §§	Maximum	85	78	60	65	75	74	78	68	66	68	69	73	76	71	52	43	40	40	37	42	36	36	49	59	64	67	67	58	64	57		60
	Minimum	52	54	54	40	42	33	34	53	60	56	56	47	47	44	42	42	32	26	29	20	22	28	30	26	28	34	36	30	27	32		38
Hot Springs	Maximum	85	74	65	60	70	75	78	72	63	62	70	72	72	68	61	48	43	35	37	39	37	36	45	58	65	65	59	59	63	54		59
	Minimum	52	58	47	40	47	35	48	60	53	56	52	45	49	47	40	36	30	27	28	22	18	25	32	25	36	36	48	30	33	34		39
Jonesboro	Maximum	85	75	57	60	66	70	75	64	63	57	65	67	70	63	55	48	42	41	35	34	33	37	44	56	62	63	63	58	59	49		57
	Minimum	53	49	41	30	44	35	51	55	50	53	50	49	50	48	36	31	30	28	25	22	15	25	25	24	35	45	44	32	35	29		38
Lead Hill	Maximum	78	78	59	53	64	74	76	72	55	58	70	72	65	60	55	50	32	36	36	32	29	33	32	49	54	61	59	42	55	43		54
	Minimum	41	49	34	24	34	23	45	51	33	46	41	34	40	41	26	28	26	22	21	15	6	23	22	16	31	27	40	21	19	18		29
Little Rock.***	Maximum	82	65	59	60	68	70	74	65	62	63	67	64	70	66	53	47	39	38	37	36	32	39	42	53	62	50	66	54	59	49		56
	Minimum	58	56	48	42	47	42	49	59	53	57	54	52	51	47	44	32	30	29	26	24	19	29	32	28	40	40	40	33	34	34		41
Little Rock [Airway]	Maximum	85	70	62	60	70	72	77	65	64	63	67	65	73	68	56	49	41	38	38	38	34	41	44	54	64	51	66	59	63	50		58
	Minimum	51	55	49	36	44	34	46	58	53	52	52	50	48	43	38	33	31	27	28	22	19	28	32	24	33	37	48	32	29	31		38
Lutherville	Maximum	85	77	65	65	68	70	73	68	63	61	70	68	70	67	61	45	41	34	37	32	35	40	44	53	60	61	56	54	58	52		57
	Minimum	57	54	49	41	42	36	50	60	49	51	53	46	48	40	37	30	27	26	23	18	15	26	31	26	35	39	46	26	30	31		38
Magnolia	Maximum	88	80	70	66	75	75	79	75	72	68	71	72	76	77	75	74	42	45	44	40	38	..	50	60	..	..	72	61	63	58		65
	Minimum	54	58	52	40	49	36	50	62	59	58	57	47	49	40	41	39	32	28	32	20	22	.	30	27	..	..	48	30	32	34		41
Mammoth Spring	Maximum	84	75	60	55	62	69	77	66	58	57	67	70	67	61	55	49	36	36	35	30	31	35	44	54	63	62	59	55	55	48		55
	Minimum	45	51	38	30	40	26	46	56	36	49	50	46	40	43	27	30	27	26	23	16	8	23	18	16	26	44	42	24	23	23		33
Marianna	Maximum	84	76	57	62	69	70	72	72	63	65	65	62	72	67	67	50	40	44	44	35	33	41	45	56	60	60	65	62	62	50		59
	Minimum	54	55	45	29	46	35	45	45	60	61	53	53	51	36	36	33	32	27	28	24	17	26	30	24	36	36	52	33	33	32		38
Marked Tree§§	Maximum	84	62	58	61	66	70	75	63	60	61	64	66	70	63	55	39	42	45	32	34	35	41	47	56	60	59	64	50	62	50		56
	Minimum	53	57	41	27	36	33	45	47	54	55	48	49	50	46	35	32	30	27	30	24	15	26	24	23	26	41	43	33	29	29		36
Mena	Maximum	84	71	63	58	68	72	75	69	63	62	68	71	70	66	50	47	39	36	36	37	34	35	43	57	61	62	61	56	61	55		57
	Minimum	53	56	50	41	45	34	55	61	58	53	52	43	48	43	40	30	27	26	24	19	19	25	31	25	35	40	38	26	36	35		38
Monticello	Maximum	85	78	62	67	72	74	76	70	64	65	65	62	76	72	65	50	36	43	43	38	38	42	50	59	58	62	72	60	64	54		60
	Minimum	62	62	49	37	50	37	38	60	58	62	60	54	49	42	43	35	32	32	29	20	22	26	34	36	35	38	55	30	36	33		42
Morrilton	Maximum	84	82	78	75	76	78	76	72	68	65	70	67	69	67	64	61	59	58	55	53	50	48	46	54	62	60	62	59	60	59		64
	Minimum	52	57	39	42	45	37	34	60	50	51	52	45	48	44	38	34	29	29	29	22	18	27	32	24	33	37	45	31	30	32		38
Mountain Home	Maximum	86	70	58	54	64	70	76	68	56	58	70	68	70	58	53	50	35	31	35	35	25	38	45	57	45	65	60	48	..	..		55
	Minimum	47	50	37	30	32	28	51	51	39	52	46	47	42	45	32	28	25	26	25	15	9	24	23	21	34	34	35	21		..		33
Mt. Ida	Maximum	88	72	60	54	68	67	72	72	62	59	68	74	62	69	67	59	36	36	36	39	35	36	39	55	63	61	57	55	63	56		58
	Minimum	42	50	47	34	37	24	46	60	52	54	51	37	40	31	31	33	29	23	24	20	13	25	28	18	24	28	40	26	22	23		33
Newport	Maximum	85	74	60	61	67	70	76	69	64	61	68	67	71	66	59	50	41	38	36	37	32	39	45	55	63	64	63	59	69	54		58
	Minimum	49	54	43	27	46	30	44	58	52	54	50	52	45	44	33	33	31	27	27	23	16	26	28	21	32	45	47	32	31	30		37
Oden	Maximum	84	68	65	59	69	72	74	66	61	63	72	72	71	68	48	47	40	35	35	27	35	34	43	57	63	64	57	58	62	53		57
	Minimum	60	55	40	38	39	30	52	62	53	56	51	41	46	41	42	30	28	25	21	19	15	25	29	21	34	35	34	29	32	30		37
Okay	Maximum	88	79	68	68	78	76	81	75	64	72	73	74	79	74	66	51	45	44	45	44	45	36	45	61	66	70	64	61	60	64		63
	Minimum	49	54	53	39	44	29	49	61	59	52	59	47	45	39	41	38	33	32	26	18	21	29	36	27	33	34	38	26	28	26		38
Ozark	Maximum	86	72	64	55	70	72	75	76	63	60	62	69	70	67	60	47	42	38	37	31	34	35	48	49	49	61	56	56	49	48		5
	Minimum	51	54	46	40	48	28	33	46	49	44	49	44	45	38	35	29	30	27	24	17	15	26	28	22	33	33	43	33	35	38		3
Pine Bluff	Maximum	86	70	64	68	73	75	79	67	63	65	69	63	75	72	57	51	38	44	40	41	37	42	48	57	67	62	72	65	64	54		6
	Minimum	55	59	50	40	48	36	45	62	59	60	54	50	51	45	42	36	31	28	27	22	21	30	34	39	35	39	51	53	33	33		4
Pocahontas	Maximum	83	78	62	58	66	68	74	70	64	59	68	70	71	65	57	50	42	40	37	35	34	39	45	54	61	61	63	60	61	52		5
	Minimum	50	50	40	28	44	30	45	58	44	51	52	50	48	44	33	32	30	28	25	20	13	25	24	22	33	46	42	29	27	27		3
Portland	Maximum	85	80	66	65	71	72	76	74	68	67	68	65	74	71	70	52	40	49	50	40	36	42	48	58	59	60	72	65	62	60		6
	Minimum	53	54	48	33	48	33	38	54	64	61	59	54	45	45	38	40	32	28	34	20	20	27	33	27	33	36	49	35	25	27		3

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding d

Weather Bureau Office, Little Rock, Ark. 12-28-37-11

Daily temperatures for November, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott	Maximum	87	77	68	65	70	75	80	71	64	69	71	71	76	73	70	50	40	40	40	43	40	37	50	59	66	70	67	59	64	58		62.3
	Minimum	54	58	53	40	47	37	49	62	60	56	56	48	51	43	43	40	32	26	31	20	21	30	33	27	34	36	48	30	29	34		40.9
Rogers	Maximum	82	75	59	53	62	69	75	69	59	56	67	72	66	60	56	49	30	35	34	31	29	34	46	56	60	61	57	58	52	53		55.5
	Minimum	55	49	43	37	39	31	55	55	39	45	45	35	44	38	31	27	24	26	16	14	10	24	29	21	38	34	33	15	25	28		33.5
Russellville [Evap]	Maximum	86	81	68	65	70	73	75	72	76	63	79	76	71	68	63	47	43	39	38	41	36	42	48	56	67	65	61	58	64	57		61.6
	Minimum	49	56	50	39	44	31	47	61	51	53	54	43	46	43	37	34	31	29	28	21	18	28	33	23	31	32	44	28	25	28		37.9
St. Charles	Maximum	87	85	68	60	64	70	71	75	67	64	64	68	62	72	67	67	39	40	45	36	37	35	42	47	57	52	62	68	54	60		59.5
	Minimum	53	55	47	31	36	32	36	48	60	60	57	53	49	47	36	38	32	25	29	22	18	19	30	24	27	39	47	35	27	30		38.1
Searcy	Maximum	87	73	61	64	70	72	76	68	64	64	67	65	74	78	64	57	45	39	35	40	34	43	47	59	66	65	68	63	62	54		60.8
	Minimum	52	55	47	31	46	33	43	58	53	52	53	51	43	40	35	33	31	27	26	22	16	25	31	22	32	41	49	32	27	32		37.9
Stuttgart	Maximum	86	72	62	65	70	73	76	67	64	64	68	64	74	67	59	49	38	44	42	37	37	44	46	57	65	54	70	62	63	52		59.7
	Minimum	53	54	46	32	46	33	42	56	57	58	52	48	47	40	39	34	30	24	29	21	17	28	31	25	33	38	44	32	28	30		38.2
Subiaco	Maximum	87	78	65	58	70	76	77	73	67	62	72	72	69	66	60	45	40	38	37	38	36	40	46	60	64	66	59	54	60	54		59.6
	Minimum	51	50	45	42	41	32	51	64	49	50	51	45	50	47	39	32	30	30	25	21	18	28	32	27	30	39	44	26	29	33		38.4
Texarkana	Maximum	87	82	62	66	77	75	80	71	63	66	73	75	77	75	63	48	53	42	42	42	38	37	49	61	67	69	64	60	65	66		63.2
	Minimum	51	60	52	42	49	38	52	62	60	55	58	48	49	45	48	41	33	29	31	21	24	28	33	28	34	45	43	28	34	38		42.0
Thornburg	Maximum	83	72	62	59	69	71	75	70	65	61	70	69	70	66	59	46	43	35	35	38	37	39	39	57	63	65	60	57	63	50		58.3
	Minimum	43	55	45	31	38	26	48	59	49	51	50	39	40	41	31	33	28	27	25	20	13	27	29	18	32	30	45	30	27	23		35.1
Turnpike	Maximum	82	70	58	48	63	64	66	63	53	55	64	65	63	60	55	42	37	32	32	31	33	35	43	48	58	57	50	50	52	51		52.7
	Minimum	62	47	40	39	41	44	50	50	44	44	46	44	51	41	42	22	21	23	17	12	9	20	25	28	36	42	44	24	34	27		35.6
Warren	Maximum	84	77	62	66	64	76	70	64	68	70	68	69	75	72	64	52	40	45	44	41	38	43	50	59	64	67	70	71	62	53		61.6
	Minimum	54	60	51	36	36	46	60	60	61	55	50	52	50	47	41	38	32	32	30	20	22	30	34	28	34	36	40	33	38	31		41.2
White Rock	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..		....
Wilson	Maximum	84	75	54	61	65	69	73	70	64	64	64	66	69	67	66	51	42	47	43	33	32	40	45	56	58	59	64	62	61	49		58.4
	Minimum	54	49	39	25	45	32	46	54	57	57	48	47	46	49	33	31	30	28	26	24	15	26	20	23	30	36	53	33	33	29		37.3
Wynne	Maximum	86	76	58	62	69	70	76	69	64	66	66	66	76	68	60	50	43	40	38	36	33	41	46	57	67	65	66	61	62	50		59.6
	Minimum	56	51	41	27	43	30	47	55	54	56	47	49	45	40	31	31	29	25	30	21	14	22	24	22	34	46	39	32	29	33		36.8

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for November, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.048	.262	.220	.121	.187	.172	.070	.211	.058	....	.074	.149	.101	.193	.139	..	.067	*	*	*	*	*	*	*	.424	.067	.071	*	*	.248	....	3.019
	Mean tem.	68	66	57	52	54	51	56	60	63	62	62	60	62	58	47	42	36	33	33	31	29	32	40	42	46	50	52	44	46	44	....	49.6
	Wind move	54	81	37	41	17	35	27	37	44	69	78	48	25	47	27	82	96	22	57	68	46	47	55	45	24	11	28	90	18	26	...	1,388
Russellville [Ozark Nursery]	Evap.	.140	.151	.163	.090	.062	.118	.094	.106	.020	.028	.132	.074	.120	.196	.068	.010	.060	.022	.060	.082	.048	.048	.040	.050	.046	.034	.030	.118	.030	.036	.	2.284
	Mean tem.	68	68	59	52	57	52	61	66	64	58	66	60	58	56	50	40	37	34	33	31	27	35	40	40	44	48	52	43	44	42	....	49.8
	Wind move	30	50	59	11	49	35	46	90	37	118	84	18	36	62	24	77	49	25	90	80	33	30	17	19	20	16	28	81	28	27	...	1.369
Stuttgart Rice Exp. Farm]	Evap.	.085	.100	.079	.088	.052	.110	.086	.092	.032	.086	....	.114	.023	.096	.115	.019	.053	*	.015	*	*	*	*	*	*	.191	. .	....	....	....	...	1.723
	Mean tem.	63	60	54	47	52	52	56	62	62	62	60	56	59	52	48	38	36	34	32	30	26	32	38	42	44	48	...		47	41		49.6
	Wind move	9	12	31	32	13	47	9	28	15	90	99	55	13	59	85	65	71	14	45	90	60	24	33	14	17	9	8	*	150	19	...	1,216

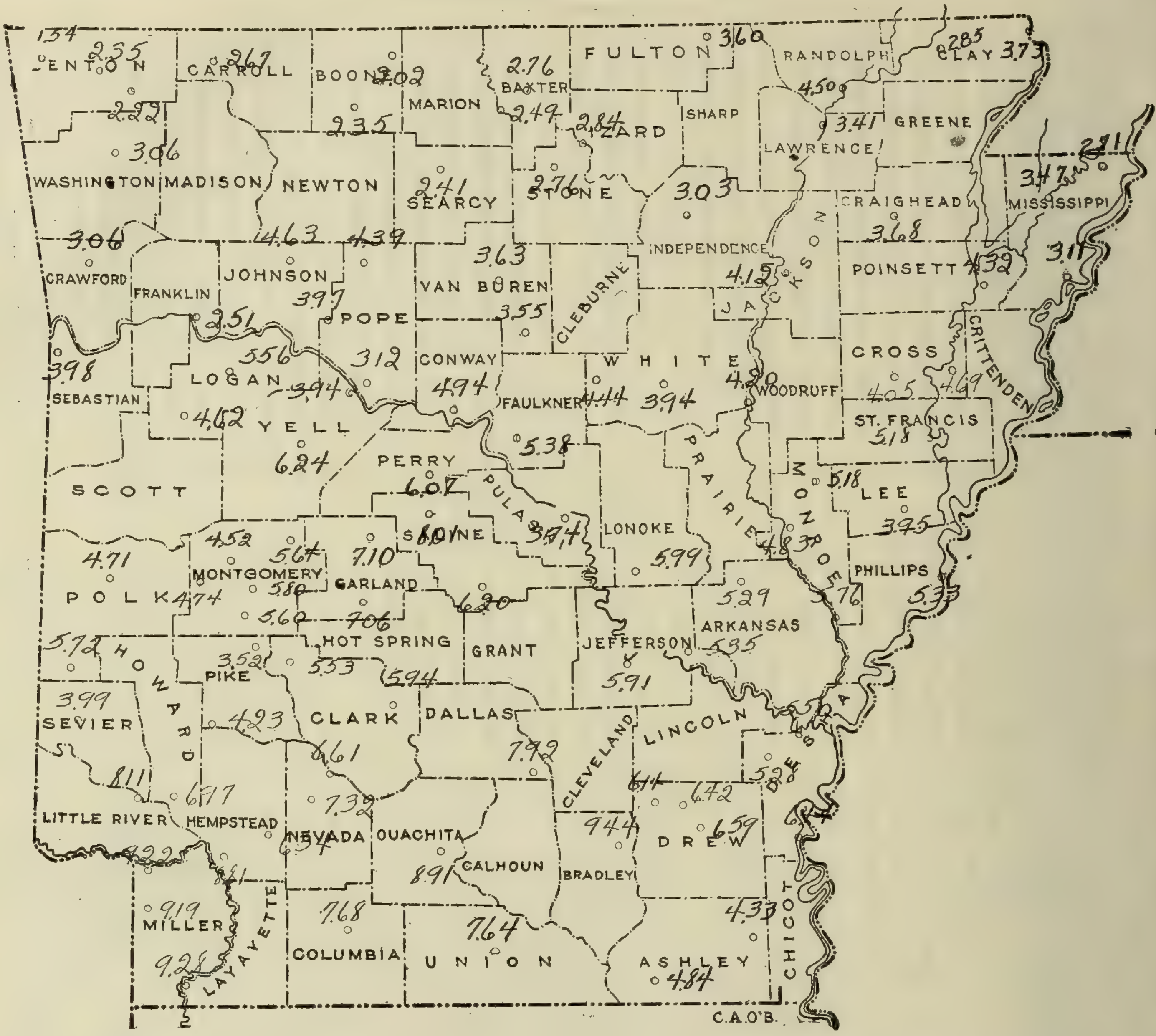
Daily River Stages for November, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith .. ¶	..Arkansas	22	5.3	5.3	5.2	5.2	5.2	5.1	.	. .	....	....	7.0	10.0	9.0	8.0	6.2	6.2	6.2	6.4	6.6	6.2	6.1	6.1	6.0	5.8	5.8	5.8	5.6	5.6	5.6	5.4	
Van Buren	......do	22	3.7	3.4	3.4	3.3	3.4	3.2	3.0	3.2	2.9	3.8	6.2	9.4	8.5	7.5	5.7	5.2	5.3	5.9	6.1	5.2	4.8	4.4	4.2	4.0	3.8	3.7	3.6	3.6	3.6	3.4	
Danville	.Petit Jean.	20	2.9	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.8	9.2	21.1	23.0	22.4	20.9	17.6	13.7	12.6	13.8	11.8	9.7	8.1	7.0	6.3	5.8	5.5	5.2	5.0	4.8	4.6	4.5	
Ozark	..Arkansas.	22	0.0	-0.1	-0.2	-0.3	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4	1.8	4.3	4.8	4.0	2.9	1.5	1.3	1.3	2.0	1.8	1.4	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.0	
Dardanelle	......do	22	2.6	2.5	2.4	2.2	2.3	2.2	2.2	2.4	2.2	2.2	5.5	6.0	8.1	7.1	6.9	5.9	4.9	4.6	4.3	5.0	4.4	4.2	3.8	3.6	3.4	3.2	3.1	3.0	2.9	2.8	
Morrilton	.... .do	20	-1.6	-1.6	-1.6	-1.8	-1.8	-1.8	-2.0	-2.0	-1.9	-1.7	1.2	2.5	3.7	5.0	4.2	3.5	2.7	2.0	1.8	1.9	1.8	1.3	0.6	0.0	-0.4	-0.6	-0.8	-1.0	-1.0	-1.2	
Little Rock.	......do	23	-0.8	-0.9	-1.1	-1.2	-1.2	-1.3	1.4	-1.4	-1.3	-0.8	1.3	3.9	4.8	6.0	6.3	5.4	4.4	3.8	3.4	3.1	2.9	2.7	2.1	1.5	1.0	0.6	0.3	0.1	0.1	0.0	
Pine Bluff	......do .	25	3.2	3.2	3.0	2.9	2.8	2.7	2.6	2.5	2.6	2.8	3.3	5.3	8.3	9.2	10.5	10.3	9.3	8.3	7.8	7.4	6.6	6.6	6.2	5.8	5.1	4.7	4.2	4.1	3.9	3.8	
Gilbert	..Buffalo...	30	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.9	3.1	5.2	4.6	4.2	3.9	3.8	3.7	3.7	3.6	3.6	3.5	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	
Doniphan, Mo.	..Current ..	16	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.3	2.3	2.2	
Black Rock.	...Black...	14	1.8	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.8	2.2	4.5	3.9	2.7	2.7	2.5	2.4	2.4	2.3	2.2	2.2	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	2.0	
Ozark Beach Mo	...White ...	30	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	1.8	0.8	-0.2	-0.6	-0.2	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6	
Cotter	.. do	21	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.8	4.0	3.5	3.5	3.5	3.3	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Calico Rock..	......do .. .	18	0.1	0.2	0.1	-0.1	-0.2	-0.2	0.0	0.0	-0.1	0.2	0.3	1.7	1.6	1.1	0.9	0.9	1.5	1.5	1.0	1.2	1.1	0.8	-0.1	0.4	0.5	0.4	0.3	0.3	0.3	0.4	
Batesville	......do	23	4.7	4.7	4.7	4.5	4.5	4.3	4.4	4.5	4.7	4.8	5.8	5.6	6.7	6.5	5.9	5.8	5.8	6.3	6.1	5.8	5.8	5.8	5.4	5.2	5.2	5.1	5.1	5.3	5.4	5.2	
Newport.	......do	26	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.7	1.9	3.6	3.6	3.8	3.0	2.6	2.4	2.4	2.4	2.4	2.0	2.0	1.9	1.7	1.1	1.2	1.2	1.2	1.4	1.6	
Georgetown	......do	21	2.5	2.3	2.2	2.1	2.0	1.7	1.6	1.5	1.4	1.6	2.7	3.5	5.3	6.5	6.6	6.6	6.0	5.5	5.2	5.1	5.1	4.9	4.7	4.6	4.3	4.0	3.5	3.1	2.9	2.8	
Clarendon	......do	26	11.1	10.8	10.6	10.5	10.3	10.1	10.0	9.8	9.8	9.9	10.6	11.3	11.8	12.6	13.6	14.1	14.3	14.2	14.0	13.9	13.8	13.7	13.5	13.3	13.1	12.8	12.4	12.1	11.8	11.5	
St Charles	......do	..	11.2	11.0	10.8	10.7	10.5	10.4	10.2	10.0	10.0	10.3	10.6	11.3	11.9	12.1	13.2	14.0	14.3	14.3	14.2	13.9	13.7	13.6	13.5	13.3	13.1	12.8	12.6	12.3	12.0	11.7	
Arkadelphia	.Ouachita..	17	4.3	4.2	5.8	4.9	4.3	4.0	4.0	3.8	4.1	6.2	12.3	10.8	11.4	9.4	7.9	11.2	11.2	9.2	10.9	10.3	9.8	7.8	8.2	8.2	8.0	7.6	8.0	7.8	7.6	7.9	
Boughton	Little Mo.	..	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.3	6.4	8.3	10.8	9.8	7.0	6.0	9.1	9.6	9.3	8.7	7.3	6.5	6.0	5.7	5.4	5.2	5.1	4.3	4.8	4.7	4.6	
Camden	.Ouachita ..	26	5.6	5.2	4.4	4.2	4.8	4.6	4.4	4.2	4.2	5.7	9.5	18.0	20.4	21.7	20.1	19.6	21.3	22.9	23.9	23.4	23.2	21.5	18.6	16.2	11.6	13.2	11.9	10.9	10.3	9.9	
Whitecliffs	Little River	25	1.7	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.0	3.0	7.2	16.4	19.0	18.7	16.7	13.9	13.0	13.2	13.6	12.4	9.7	7.5	6.2	5.0	4.5	4.0	3.0	2.0	1.0	1.0	
Index	....Red.....	25	7.0	6.8	6.8	6.6	6.4	6.3	6.2	6.1	6.2	6.1	6.9	10.7	11.9	11.8	10.7	11.2	12.4	12.8	12.0	11.2	10.0	9.5	8.5	8.2	7.1	7.4	7.2	7.6	6.8	6.6	
Fulton	... ..do.....	25	6.4	6.1	6.0	5.9	5.8	5.6	5.4	5.2	5.1	6.7	7.7	10.8	13.3	14.1	13.7	14.0	14.4	14.9	14.4	13.6	12.2	11.2	10.2	9.4	8.8	8.3	7.8	7.4	7.2	7.0	
Big Lake Outl't	Little River.	10	6.6	6.2	6.1	5.8	5.7	5.6	5.5	5.4	5.5	5.6	5.7	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.1	6.1	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.5	5.4	5.4	
St. Francis...	St. Francis.	18	4.4	4.6	4.8	4.6	4.4	4.3	4.1	4.4	4.5	5.3	4.9	4.7	4.6	4.5	4.4	4.8	5.1	4.8	4.6	4.4	4.2	4.3	4.3	4.4	4.3	4.2	4.2	4.5	4.5	4.5	
St. Francis L.L.	......do	..	22.3	22.2	22.1	22.1	21.9	21.8	21.7	21.6	21.6	21.8	21.8	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.7	21.6	21.5	21.5	21.4	21.3	21.3	21.3	21.2	
Marked Tree ..	......do .. .	17	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.8	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	
Parkin	.. ..do	28	4.5	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.2	5.0	7.1	8.0	7.9	7.3	6.6	6.0	5.6	5.2	5.1	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.3	4.2	4.1	4.0	
Madison	.... .do	32	5.7	5.9	5.9	5.7	5.6	5.6	5.5	5.4	5.6	6.7	7.5	8.5	8.8	8.4	7.9	7.2	6.7	6.4	6.2	6.0	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.3	5.2	
Helena	Mississippi .	42	11.3	11.3	11.3	11.4	11.6	11.8	12.6	13.8	15.5	16.7	17.3	17.0	16.2	14.7	11.9	8.6	6.6	6.1	6.1	6.4	6.7	6.8	6.7	6.4	6.2	6.3	6.3	6.0	5.5	5.2	
Arkansas City.	......do	4	7.1	7.1	7.1	7.0	7.1	7.2	7.3	7.4	8.8	10.0	11.5	12.2	12.4	12.1	11.7	10.5	8.6	6.6	5.3	4.7	4.3	4.3	1.3	4.2	4.0	3.6	3.4	3.2	3.0	2.7	

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O Addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |||| 24 hours ending a.m. Data in italics interpolated. *Included in next measurement. ¶All pool stages except 11th to 14th, inclusive.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for November, 1937



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XLII LITTLE ROCK, ARK., DECEMBER, 1937 No. 12

PRICE: 5 Cents per Copy; 25 Cents per year

GENERAL SUMMARY

The mean temperature for December, based on the reports of 67 stations was 42.2°, which is 0.5° below the 47-year average. Monthly means ranged from 48.0° at Magnolia in Columbia County to 31.8° at White Rock in Franklin County. During the first 12 days of the month the temperatures were below normal over the entire State, with minimum readings ranging from 0° at Lead Hill in the northern part of the State to 15° at Portland and 16° at Magnolia in extreme southern counties. The rest of the month was mild and cloudy with an unusual number of foggy, rainy days. The highest temperatures were recorded around the 15th and the last few days of the month, the highest for the month being 78° at Magnolia on the 16th. The greatest daily range was 42° at Lead Hill and Mount Ida.

The average precipitation for the 100 stations reporting was 4.61 inches which is 0.32 inch above the 47-year average. The heavy rains in the southwestern counties were responsible for the positive departure since the greater portion of the State had negative departures. Nearly all stations in the Arkansas, White and St. Francis drainage areas reported negative departures. Monthly totals ranged from 11.35 inches at Highland in Pike County to 2.49 inches at Ozark in Franklin County. Monthly amounts exceeding 8.00 inches were noted in the southern border counties and in Pike and Bradley Counties. Snowfall averaged 0.1 inch for the month, all of which occurred on either the 7th or 8th. The average number of days with 0.01 inch or more was 11.

The continuous rains the latter half of the month with several heavy showers in the southern counties caused rivers to rise sharply in the southern part of the State. The Ouachita went above the flood stage of 26 feet at Camden on the 28th of December and reached a crest of 30.09 feet at noon January 1st. Reports from Ouachita and Union counties indicated that flood waters caused considerable damage to roads, and several highway bridges were damaged or destroyed. There was some evacuation in the lowlands. The operation of oil wells was suspended in the Smackover area, until the flood waters receded early in January. It was also reported that the water was over the Missouri Pacific track at Griffin, and over the Rock Island track south of El Dorado requiring sandbagging at many points; however, both railroad lines maintained train service on their regular schedule.

The weather was favorable for farm activity the first two weeks, but growth of winter grains was retarded due to cold weather. The warm, rainy weather the latter half of the month was beneficial for winter crops. The month had an average of 8 clear, 4 partly cloudy and 19 cloudy days. O.D.N.

Corrections

Glenwood, rainfall November 10th should be 4.25 inches; total for the month should be 7.77 inches.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	1	2	5	.	.	.	.	.	.	.	5	17	14	20	13	7		7	.	.	5	6	2	12	4	13	19	16	15	5
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	1	.	16	11	2	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.22	30.56	2	29.73	17	6.5	16	sw	21	..	..	..	38
Fort Smith	30.19	30.54	2	29.63	17	7.4	19	nw	5	81	71	70	27
Little Rock	30.18	30.59	2	29 56	17	7.4	21	nw	5	80	72	72	28
Memphis	30.18	30.61	2	29.53	17	7.4	20	n	5	82	67	68	23

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.9	72	13	4.69	.....	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1 3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1 3	6	12	6	13
1902	40 8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0 7	7	12	6	13
1908	46.0	82	11	1.50	0 2	5	13	7	11
1909	35.3	82	1	5.26	3 2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1 0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.3	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43.2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41.4	86	− 8	5.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0 9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41 5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
Period	42.7	88	−21	4.29	1.2	8	12	6	13

Climatological Data for December, 1937

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	1	43.4^{a}	......	64^{d}	15	11^{a}	11	33^{d}	4.10	......	1.30	0.4	14	5	6	20	n.	L. R. Water Works
Amity	Clark	500	42	43.2	+0.3	67	13†	15	6†	40	3.66	-0.51	1.49	0.5	12	5^{g}	4^{g}	15^{g}	n.	J. W. Campbell
Arkadelphia	Clark	200	42	......	......	......	......	......	......	......	5.65	+0.77	1.56	0.3	12	8	4	19	e.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	53	......	......	......	......	......	......	......	5.29	-0.69	1.32	T.	13	11	1	19	......	Herbert Neff
Batesville	Independence	277	38	39.8	-0.2	65	31	12	9†	33	3.64	......	1.15	T.	9	7	7	17	n.	Airway Observer
Bee Branch	Van Buren	700	45	40.6	-1.4	60	16†	11	9	29	3.13	-1.04	1.40	0.0	6	9	5	17	w.	J. E. Scanlan
Benton	Saline	285	2	43.8	......	69	13	11	9	36	4.82	......	1.24	T.	12	9	5	17	ne	S. A. Burks
Bentonville	Benton	1295	32	37.0	-1.0	61	29	8	9	30	3.21	+0.83	1.47	0.2	11	9	3	19	s.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	7	......	......	......	......	......	......	......	3.82	......	0.83	T.	10	5	2	24	......	C. J. Brooks
Black Rock	Lawrence	259	36	......	......	......	......	......	......	......	3.04	-1.06	0.91	T.	12	8	0	23	s.	Vernon C. Howe
Blytheville	Mississippi	252	12	37.9^{d}	-4.7	62^{d}	16	10^{d}	9†	31^{i}	4.34	0.0	1.54	T.	5^{d}	8^{d}	1^{d}	17^{d}	s.	Samuel Norris
Booneville	Logan	465	23	43.3	-0.5	69	30	11	9	36	2.78	-0.26	1.38	T.	6	6	5	17	w.	F. H. Randolph
Boughton ‡‡	Nevada	235	2	......	......	......	......	......	......	......	5.19	......	1.50	T.	8	10	1	20	......	Harry Buie
Brinkley	Monroe	205	50	43.4	-0.4	71	14	11	9	35	4.12	-0.99	1.20	T.	12	8	3	20	ne.	R. J. Torry
Calico Rock	Izard	361	33	......	......	......	......	......	......	......	3.19	-0.39	1.72	0.0	9	9	4	18	......	William Jones
Camden	Ouachita	116	52	47.0	+2.0	71	13†	15	9	35	7.92	+2.75	2.40	0.3	14	8	1	22	se.	J. M. Knight
Clarendon	Monroe	172	33	......	......	......	......	......	......	......	3.54	-1.51	1.28	T.	12	8	4	19	s.	R. M. Wheatley
Clinton	Van Buren	516	16	......	......	......	......	......	......	......	3.34	-0.65	1.42	0.0	10	7	8	16	n.	A. L. Stephens
Conway	Faulkner	309	54	42.2	-0.6	64	16	12	9	32	4.12	-0.12	1.31	0.0	12	12	3	16	n.	E. E. Cordrey
Cornerstone ‡‡	Jefferson	195	26	44.1	-0.2	66	13	14	9	32	3.37	-2.23	1.43	0.2	8	11	4	16	n.	P. B. Hutchens
Corning	Clay	293	44	37.4	-2.5	62	31	6	11	30	3.99	+0.12	1.07	0.0	10	8	3	20	nw.	Winfred D. Polk
Cotter	Baxter	440	10	......	......	......	......	......	......	......	3.35	+0.05	1.88	0.0	9	10	2	19	......	O. B. McSpadden
Crossett (near)	Ashley	175	25	46.3	-0.3	72	13†	15	6†	39	9.03	+2.97	1.85	T.	13	12	3	16	n.	U. S. Forest Service
Danville	Yell	327	21	......	......	......	......	......	......	......	3.23	-0.26	1.66	T.	12	8	2	21	......	J. M. Patterson
Dardanelle	Yell	330	51	42.9	+0.5	68	31	13	9	30	3.97	+0.40	2.08	0.0	11	6	9	16	e.	Geo. N. Goodier
De Queen	Sevier	426	2	46.2	......	70	13	15	6†	31	5.88	......	1.35	T	16	5	4	22	ne.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	1	38.9^{i}	......	57^{i}	27	3	6	25^{i}	3.75	......	1.50	0.0	14	9	5	17	se.	U. S. Forest Service
Dumas	Desha	162	32	46.4	-0.2	74	13†	13	9	39	5.60	-0.69	1.75	T.	12	2	13	16	n.	Ben Johnson
El Dorado	Union	270	37	47.6	+0.8	73	14	18	6†	32	8.86	+2.65	2.81	0.0	14	9	2	20	se.	Mrs. E. W. Gaston
England	Lonoke	229	31	44.2^{b}	+0.2	70^{b}	14	13^{b}	9	30^{c}	5.39	+0.45	1.26	0.3	14^{b}	10^{b}	3^{b}	16^{b}	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	37	37.9	-1.9	62	30	5	9	33	4.26	+1.46	1.75	1.0	10	10	5	16	nw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	50	38.4	-1.6	60	14†	7	9	32	4.26	+1.56	1.78	T.	12	8	8	15	nw.	University of Arkans
Fordyce	Dallas	190	9	......	......	70^{p}	14	14^{p}	9	......	6.29	......		......	..	..	..	..	......	M. G. Taylor
Fort Smith	Sebastian	446	13	41.7	-0.4	64	30	14	6	25	3.14	+0.38	1.91	T	13	3	10	17	e.	U. S. Weather Bure
Fulton	Hempstead	260	52	......	......	......	......	......	......	......	6.05	+1.83	1.78	0.0	11	9	2	20	......	T. J. Logan
Georgetown	White	200	25	......	......	......	......	......	......	......	3.72	-0.73	1.10	T.	8	10	1	20	......	W. R. Putt
Gilbert	Searcy	600	12	39.4	......	68	25	7	9†	36	3.41	+0.08	1.93	0.0	6	12	0	19	......	F. J. King
Glenwood	Pike	547	2	......	......	......	......	......	......	......	5.03	......	1.75	T.	10	5	9	17	......	C. A. Price
Grannis	Polk	900	18	42.8	-1.8	67	13	9	9	30	6.33	+1.45	1.32	T.	19	5	4	22	e.	W. E. McVay
Gravette	Benton	1250	40	36.8	-1.4	63	14†	4	10†	39	2.51	+0.10	1.62	T.	5	13	2	16	se.	Max W. Schmidt
Green Mountain ‡‡	Stone	1100	1	38.0^{c}	......	64^{c}	27	8^{c}	6†	29^{c}	3.01	......	1.12	0.0	9	10	2	19	nw.	U. S. Forest Service
Harrison	Boone	1052	37	37.4	-0.6	63	30	9	6†	31	4.08	+1.22	1.30	0.0	12	13	1	17	nw.	Louis R. Keck
Helena	Phillips	300	65	46.0	+1.4	70	14	13	10	32	3.22	-2.21	0.93	0.3	11	8	4	19	n.	James A. Burnett
Higden	Cleburne	445	18	......	......	......	......	......	......	......	3.61	-0.28	1.45	T.	8	[illegible]	[illegible]	19	e.	Austin E. Cartwrigh
Highland	Pike	491	18	46.2	......	71	13	15	6†	32	11.35	+7.09	3.15	0.0	15	4	3	24	e.	J. O. Cooley
Hope [Evap.]	Hempstead	375	67	45.0	-2.0	72	13	13	9	37	5.85	+1.08	1.70	0.6	11	6	7	18	e.	Experiment Farm
Hot Springs	Garland	600	46	44.2	+0.1	62	14†	15	6†	32	3.67	-1.00	1.23	T.	15	5	9	17	s.	National Park Serv
Index ‡‡	Little River	275	20	......	......	......	......	......	......	......	6.70	+2.99	2.00	T.	10	8	2	21	......	W. E. McDowell
Jessieville	Garland	750	11	......	......	......	......	......	......	......	4.33	-0.25	1.50	0.0	7	6	5	20	sw.	U. S. Forest Service
Jonesboro	Craighead	345	42	39.2	-2.2	61	16	12	9	28	3.95	-0.68	0.85	T.	13	6	5	20	ne.	Benedictine Sisters
Judsonia	White	....	1	......	......	......	......	......	......	......	3.94	......	1.20	0.0	10	10	1	20	......	T. H. Beals
Lead Hill	Boone	650	31	35.6	-4.2	58	21†	0	10	42	3.80	+1.11	1.80	T.	10	13	4	14	e.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	58	43.0	-1.2	66	14	16	9	28	3.57	-0.57	1.33	0.1	14	6	5	20	e.	U. S. Weather Bur
Little Rock Airway	Pulaski	257	1	43.3	......	68	14	14	9	33	3.87	......	1.37	T.	12	6	5	20	nw.	Airway Observer
Lutherville ‡‡	Johnson	775	38	41.2	-0.2	61	27	9	9	27	4.10	+0.16	1.52	0.0	7	9	3	19	sw.	H. G. Lenhardt
Madison	St. Francis	209	7	......	......	......	......	......	......	......	4.40	......	1.36	0.5	12	5	2	24	......	J. W. Eppes
Magnolia	Columbia	315	21	48.0	0.0	78	16	16	6†	35	9.17	+3.88	2.80	T.	13	3	9	19	s.	State Agri. School
Mammoth Spring	Fulton	600	33	36.8	-2.6	63	31	5	11	37	3.10	-0.28	1.60	0.0	8	8	3	20	nw.	Paul Morton
Marianna	Lee	235	26	43.1^{b}	-0.6	69^{b}	13	10^{b}	9	30^{b}	2.83	-1.96	0.90	1.0	12^{b}	5^{b}	16^{b}	8^{b}	n.	C. N. Houck
Marked Tree	Poinsett	229	33	39.9	-1.3	66	27	10	9	34	3.34	-1.30	0.82	0.0	10	7	5	19	n.	Charles Walton
Mena	Polk	1207	49	43.6	+1.0	65	13	13	9	27	4.02	+0.05	1.75	T.	18	5	7	19	ne.	E. W. St. John
Monticello Airway	Drew	273	1	46.4	......	72	14	15	9	28	6.52	......	1.97	0.0	14	4	12	15	n.	Airway Observer
Monticello	Drew	273	2	......	......	......	......	......	......	......	7.02	......	2.50	....	8	..	..	..	......	Soil Conservation
Montongo	Drew	....	2	......	......	......	......	......	......	......	6.96	......	2.00	....	10	..	..	..	......	Soil Conservation
Morrilton	Conway	315	18	45.1	+1.4	67	31	14	9	37	3.56	-0.32	1.25	T	8	6	10	15	s.	Mrs Freda M. Ashc
Mountain Home	Baxter	800	25	36.4	-4.0	62	30	7	9	39	3.08	-0.28	1.40	0.0	6	9	1	21	nw.	B. S. Halbert
Mount Ida	Montgomery	702	38	43.0	+0.2	68	31	7	8	42	5.07	+0.97	1.56	T.	13	5^{a}	4^{a}	21^{a}	e	G. A. Whittington
Mount Petit Jean	Conway	....	..	......	......	......	......	......	......	......	4.78	......	1.55	T.	8	10	4	17	nw.	State Park Service
Mountainburg	Crawford	2010	1	......	......	......	......	......	......	......	3.58	......	1.51	T.	12	10	5	16	se.	C. A. Lovell
Newport	Jackson	231	54	40.2	-2.0	63	16	13	11	35	4.18	-0.03	1.00	T.	12	8	2	21	s.	J. D. Henderson
Norman	Montgomery	687	9	......	......	......	......	......	......	......	4.66	......	2.50	T.	10	6	6	19	se.	U. S. Forest Servic
Oden	Montgomery	800	10	43.4	......	68	21	12	9	33	4.08	......	2.03	0.4	11	5	6	20	se.	U. S. Forest Servi
Okay	Howard	288	9	47.4	......	73	13†	12	6†	32	7.18	......	2.10	0.0	13	8	3	20	s.	Charles R. Jackson
Ozark	Franklin	396	42	41.2	0.0	60	14†	9	6†	31	2.49	-0.52	1.20	0.0	9	6	3	22	e.	Orkney O. Milton
Parkin	Cross	222	7	......	......	......	......	......	......	......	2.84	......	0.95	0.0	6	7	0	24	......	Carroll King
Pine Bluff	Jefferson	215	50	45.6	+0.5	73	13	16	9	32	4.47	-1.09	1.33	T.	12	[illegible]	4	19	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	13	......	......	......	......	......	......	......	4.54	+0.09	2.40	0.0	6	4	16	11	nw	J. R. Huddleston
Pocahontas	Randolph	300	44	39.0	-1.2	65	17	10	11	30	4.56	+0.53	1.12	0.0	10	10	1	20	ne.	Benedictine Sisters
Portland	Ashley	122	31	46.8	-0.8	73	13	15	9	35	6.38	+0.21	2.27	0.0	12	9	3	19	n.	W. E. Edmiston
Prescott	Nevada	318	49	47.0	+1.2	71	13	15	9	33	6.37	+1.82	1.68	0.2	15	5	4	22	e.	Craig Williams
Rock Springs ‡‡	Drew	....	2	......	......	......	......	......	......	......	6.42	......		....	..	..	.	..	......	Soil Conservation
Rogers (near) ‡‡	Benton	1300	47	38.4	-0.6	62	29†	5	10	37	3.70	+1.36	1.46	0.5	10	10	2	19	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	3	......	......	......	......	......	......	......	3.83	......	1.08	T.	7	9	4	18	s.	G. A. Maddox
Russellville [Evap]	Pope	526	25	42.9	+2.4	65	31	13	9	32	3.61	+0.60	1.48	T.	11	12	0	19	se.	U. S. Forest Servi
St. Charles	Arkansas	175	4	42.8	......	71	14	12	9†	31	3.15	......	1.01	T.	12	9	5	17	s.	U. S. Biological Su
St. Francis	Clay	290	10	......	......	......	......	......	......	......	5.63	+1.26	1.39	0.0	13	8	2	21	......	A Boyce Boyd, J
Searcy	White	245	27	41.2	-1.6	65	28	12	9	32	3.55	-0.69	1.05	0.0	11	9	2	20	ne.	Walter Smith
Springbank ‡‡	Miller	240	28	......	......	......	......	......	......	......	9.82	+4.90	2.65	0.0	13	8	2	21	......	Henry Field
Story	Montgomery	650	13	......	......	......	......	......	......	......	3.97	-1.12	1.70	0.0	5	6	5	20	s	S. C. Story
Stuttgart	Arkansas	214	50	43.4	-0.6	72	13	12	9	37	4.07	-1.05	1.23	0.0	11	11	4	16	s	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	2	43.6	......	71	13	12	9	39	3.55	...	0.96	0.0	12	..	..	..	......	Rice Experiment
Subiaco	Logan	750	40	43.2	+0.5	65	30	13	9	28	2.61	-0.66	0.98	T.	11	9	4	18	nw.	New Subiaco Abb
Texarkana	Miller	332	52	47.9	-4.0	71	13	16	6†	32	8.96	+4.61	4.00	T	10	5	4	22	......	H. S. Brashear
Thornburg	Perry	650	17	41.7	+0.6	65	31	10	7†	37	3.97	-0.01	1.30	0.2	11	6	9	16	s.	Edward E. Holm
Turnpike ‡‡	Pope	2240	13	38.2	......	58	27	5	6	29	4.15	-0.10	1.64	T.	13	8	5	18	nw.	U. S. Forest Servi
Warren	Bradley	206	43	47.0	+1.8	72	13†	16	9	33	8.06	+2.13	2.44	0.0	10	6	0	25	sw.	C. N. Turner
Whitecliffs	Little River	290	31	......	......	......	......	......	......	......	6.87	+2.85	2.35	0.0	10	7	3	21	......	L. M. Snead
White Rock ‡‡	Franklin	2285	1	31.8^{d}	......	57^{d}	13†	5^{d}	7†	32^{d}	......	......	......	0.0	..	11^{d}	5^{d}	11^{d}	n.	U. S. Forest Serv
Wilson	Mississippi	237	12	43.1^{g}	+1.3	69^{g}	14	9^{g}	9	32^{g}	2.80	......	1.10^{g}	0.0	4^{g}	8^{g}	0^{g}	16^{g}	n.	D. O. Anderson
Wynne	Cross	250	29	41.3	-0.7	70	14	8	9	37	2.75	-2.10	0.60	0.0	11	9	4	18	n.	B. M. Eddins
Yancopin	Desha	167	13	......	......	......	......	......	......	......	5.00	-1.55	1.52	0.0	12	15	1	15	......	W. E. Barton
State Means				42.2	-0.5	78	16	0	10	42	4.61	+0.32	4.00	0.1	11	8	4	19	n.	

Daily Precipitation for December, 1937

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser	Ouachita			.10	.20				.04				.03	.14			.40	.94					1.30	.12		.04		.50		.02	.02	.25	4.10
Amity	Ouachita				.26					.03				.21			.15	1.49	.02	T.					.76			.43	.10	.10	.01	.10	3.66
Arkadelphia	Ouachita				.12				T.	.03				.07				.17	1.56	.13			.32	1.54	T			.83	.81	.05	.02	T.	5.65
Arkansas City	Mississippi				16	.06			T.	T.			T.	.10			T.	.60	.06				.20	1.32	.07	T.	.16	1.11	1.15	.25	.05	T.	5.29
Batesville Airway	White			.02	.16				T.				T.	.18	T.		.10	1.02	T.				1.15	.01			T.	.93			T.	.07	3.64
Bee Branch	Arkansas			T.	.05												.03	1.40					.60					1.00				.05	3.13
Benton	Saline			.10	.15				.03				.03	12			1.12	1.24					1.05	.29			.06	.53			T.	.10	4.82
Bentonville ***	Arkansas			.51	.01			.02					.01	.17		.67	80	.67					.23	T.			.07	T.				.05	3.21
Big Lake Outlet	St. Francis				.13	T.	T.		T					.20			.44	.43	.52				.47	.83				.46	.21		T.	.03	3.72
Black Rock	White				.12				T					.09	.07		.22	.91	.12				.30	.24	.06			.85	.04		.02		3.04
Blytheville	St Francis					T.								.02				1.54	.35				.72					*	1.71				4.34
Booneville	Arkansas	.06		.36					T				T.			T	.60	1.33					.37				T.	.01					2.78
Boughton	Ouachita				.19					T.								1.12	.04				.43	.73				.98	1.50	.20			5.19
Brinkley	White				.27				T.				.02	.02		T.	.20	.62	.10				1.20	.68				.86	.03		.07	.05	4.12
Calico Rock	White				.18				T.					.08	.07		.01	1.72	.03				.38	.27				.45					3.19
Camden	Ouachita				.26	.08			.03	.02							.07	1.38	03				.48	2.40				2.15	.52	.37	.03	.10	7.92
Clarendon	White				.31	.01				T.				.04			.03	.93	.09				.36	1.28				.40	.03		.05	.01	3.54
Clinton	White			.07									.10	.22	T.		.48	1.42					.43	.08				.49			.02	.03	3.34
Conway	Arkansas			.06	.18								.21	.19			.39	1.21	.11				1.31	.06				.32	.03			.05	4.12
Cornerstone	Arkansas			.23					.02				.02				.53	.40					1.43				50	.24					3.37
Corning	White				.08									.16	.11		.32	.92	24				.47	.56				1.07	.06				3.99
Cotter	White				.30									.08	.10		.20	1.88	.10				.10	.27				.32		T.			3.35
Crossett [near]	Ouachita				.45				.13				.11			.07	.61	.25	.31				1.07	1.85			1.58	1.80	.54			.26	9.03
Danville	Arkansas		T.		.21					.02				.07	T.	T.	.05	1.66	.08				.16	.41	.04		T.	.48		.03	.02		3.23
Dardanelle	Arkansas	.02			.12				T					.09			.05	2.08	15				.36	.37	.03			.65			.05		3.97
De Queen	Red			14	.23				.02				.05	.10		.01	1.35	1.20					.93	.15			.03	1.25	.31	.07	.02	.02	5.88
Devil's Knob	Arkansas			.10	.06				T.				T.	.09	.04	.04	1.50	1.23	T.				.25	.05	.04			.25	T.	.01	.01	.08	3.75
Dumas	Mississippi			.12	.35				T.				T.				.35	.30	.02				.86	1.22		.02	.42	1.75	.16	.03	T	T.	5.60
El Dorado	Ouachita			T.	.14	.06			.12					.03			.38	1.22	.05				.47	.88			.60	2.81	1.40	.67	.03		8.86
England	Arkansas			.05	.29				.04	.04			.03	T.		T.	.46	.56	.02				1.26	.88			.62	*	*	1.05	.03	.06	5.39
Eureka Springs	White			.36				.10						20	.10	.30	1.75	1.10					.25	.03				.07					4.26
Fayetteville	White			.34	.01			T.	.01					.12	.11	.24	1.78	1.27					.26	.01			T.	T.	.02	T		.09	4.26
Fordyce	Ouachita			.09	.27								.03				*	*	*				*	*			*	*	*	*	*	5.90	6.29
Fort Smith ***	Arkansas	.03		.30	.03			T.	T.				T.	.02	T	.36	1.82	.16				T	.29	T.		.01	.05	.03	.01	T.		.03	3.14
Fulton	Red	T.		T.	.20				T	07				.05			.20	1.22					.36	1.40	T.	T.		1.78	.42	.32	.03		6.05
Georgetown	White				.18					T.				.12			.31	1.10					.32	1.00				.54	.15				3.72
Gilbert	White														.27		.15	1.93					.30	.27				.49					3.41
Glenwood	Ouachita				.33					T.							1.75	.70						1.11		.05	.02	.62		.05	.19	.21	5.03
Grannis	Red			16	.31				.05				.14	.15	.02	.01	1.20	1.32					.88	.08	.06	.02	.05	1.14	.25	.15	.07	.24	6.33
Gravette	Arkansas				.48										.13	*	*	1.62					.24					.04					2.51
Green Mountain	White			.03	.07								T	.08	T.	T.	.52	1.12	T.				.70	.03	T.	T.	T.	.43	T.	T		.03	3.01
Harrison	White			1.21										.05	.04	.02	1.30	1.10	.02				.17	.01				.11		.01		.04	4.08
Helena	Mississippi				33	.05				.07				.03			.13	.93	.29				.22	.66				.45	.06				3.22
Higden	White			T.	T.				T.				T	.25	T.		.35	1.45					.61	.10		T.	T.	.82	T	T.	.01	.02	3.61
Highland	Ouachita			.23	.21								.12	.18	.01		2.50	1.64					1.30	.25			.08	3.15	1.34	.06	.04	.24	11.35
Hope [Evap]	Red				.25					.06				.05			.12		1.25				.40	1.16				1.70	.48	.35	.03		5.85
Hot Springs	Ouachita			.13	.22				.02				.08	.21	T.	T.	.61	.49					1.23	.16	.01		.05	.37	.02	T.	.02	.05	3.67
Index	Red			T.	.20				.10	T.					T.		.50	1.80					.40	.95	T.	T.	T.	2.00	.25	.40	.10		6.70
Jessieville	Ouachita				.40									.25				.98					.50	1.50				.50				.20	4.33
Jonesboro	White				.11					T.				.16	.02		.48	.67	.34				.43	.85	.01			.73	.11		.02	.02	3.95
Judsonia	White													.20			.52	1.20	17				.40	.76	.03			.24	.40			.02	3.94
Lead Hill	White			.30	T.				.01					.05	.03	.01	1.20	1.80					.22	T.				.13				.05	3.80
Little Rock ***	Arkansas			.18	.01				.01				.06	.03		.02	.90	.46				.02	1.31	.10	T.		.28	.18	T.	T.	T.	.01	3.57
LittleRock Airway	Arkansas			.02	.17				.03				.04	.07		T.	.58	.89	T.				1.37	.25			.01	.43	T.	T.	.01	T.	3.87
Lutherville	Arkansas			.23												.76	1.03	1.52					.37	.04				.15					4.10
Madison	St. Francis				.27	.03				.10				.05				.55	.21	T.			.55	1.00				1.36	.10	.05		.13	4.40
Magnolia	Red			.05	.17				T.				.04				.92	.53					1.42	.88			.70	2.80	1.44	.03	.10	.09	9.17
Mammoth Spg	White				.12									T	.12		.10	1.60	.18				.50	.13				.35					3.10
Marianna	St. Francis				.34				.10				.05			.02	.16	.35	.07				.90	.31			*	.43	.03			.07	2.83
Marked Tree	St. Francis				.22									.10			.14	.42	.18				.42	.82				.71	.32		.01		3.34
Mena	Ouachita	.01		.08	.14				T.				.01	.02	T.	.03	.20	1.75	.04				.12	.52	.02	T.	.02	.77	.03	.20	.03	.03	4.02
Monticello Airway	Ouachita			.01	.16				T.				.02	.08		.08	.87	.23	.01				1.19	1.00	T		.65	1.97	.23			.02	6.52
Monticello ***	Ouachita				.24												1.00	.03					1.03	.75			*	2.50	.47			1.00	7.02
Montongo	Ouachita				.28												1.13	.13					1.14	.23			.62	2.00	.17		.03	1.23	6.96
Morrilton	Arkansas	.03			.17				T.					.08				1.25	.25				.46	.52				.80					3.56
Mountainburg	Arkansas	.04		.17	.02				T				T	.03	.06	.19	1.51	1.20					.25	T				.04	T.	T.	.02	.05	3.58
Mountain Home	White												T.	.05	T.	T.	.90	1.40					.33	T.				.25				.15	3.08
Mount Ida	Ouachita			27	.13					T.			.09	.14			1.56	.85					.83	.08			.15	.57	.18	.06		.16	5.07
Mount Petit Jean	Arkansas			.20					T.								1.55	.27				.50	.76	.19			1.26	T.	T	T.		.05	4.78
Newport	White				24	.02			T.					.21			.26	1.00	.22				.48	.93				.70	.09		.01	.02	4.18
Norman	Ouachita				.39				T.					.28			.03	2.50					.11	.54			.10	.42		.11		.18	4.66
Oden	Ouachita			.09	.10				04					.07			.13	2.03						.64				.73		.16	.05	.04	4.08
Okay	Red			.12	.15				T.				.10	.06			1.60	1.00			2.10		1.10	.40				.19	.31	.03	.02	T.	7.18
Ozark	Arkansas				.41									T.	.01	.03	.30	1.20	.21				.26	.05		.02		T.	T.	T.			2.49
Parkin	St. Francis				23													.47	.23				.31	.95				.65	T.				2.84
Patterson	White																																
Pine Bluff	Arkansas				.38	T.				.07			T.	.02				1.03	.06				.33	1.33				.53	.46	.12	.04	.10	4.47
Pine Ridge	Ouachita				.39													2.40						.68				.76		.22	.09		4.54
Pocahontas	White				.35									.25			.20	1.05	.22				.85		.12			1.12			.05	.35	4.56
Portland	Ouachita				18	.07			T									.64	.05				.22	.83		.59	.78	2.27	.45	.26		.04	6.38
Prescott	Ouachita				.24				.02	.04				.10			.16	1.01	.09				.41	1.14	.02	.04		1.68	.87	.50	.05		6.37
Rock Springs	Ouachita				.47												.99	12						1.19			*	*	2.55			1.10	6.42
Rogers (near)	White			.30	.02			.02						.13	.12	.24	1.46	1.23					.12					.03	T.	T.		.03	3.70
Rosebud	Arkansas	T.			11				T				T.	.32			.46	1.08					1.06					.68				.12	3.83
Russellville	Arkansas	.02		.14	.01				T.				.05	.07			.76	1.48	.09				.53	.07				.39					3.61
St. Charles	White				.43	.03				T.				.03			.30	.52	.03				.05	1.01	.14			.52	.03			.06	3.15
St. Francis	St. Francis				.32									.48	.56	T.	.66	.69	.38	T	.05			.48	.46			1.39	.05	T	.05	06	5.63
Searcy	White	.02			.12	.01								.25			.46	1.05	.17				.24	.85				.35	.03				3.55
Springbank	Red				.25	T			.05	T.				T.	T.		.76	1.40	T.				.65	2.35	T.	.02	.25	2.65	.75	.65	.02	.02	9.82
Story	Ouachita															.48	1.70						.83				.74					22	3.97
Stuttgart	Arkansas				.44									.06			.05	1.07	.20				.41	1.23				.45		.03	.06	.04	4.07
Stuttgart [Evap]	Arkansas				.43	T.							T.	.02			.03	.86	.10	T.			.37	.96	.02	T.	T.	.65	.05	T.	.02	.04	3.55
Subiaco	Arkansas	.09		.14	.03				.02				T.	.01	T	T.	.98	.85					.33	.03				.10				.03	2.61
Texarkana	Red				.30				.31					.05			1.05	.45					.80	1.30				4.00	.30	.40			8.96
Thornburg	Arkansas			.10	.08				T.				.02	.16	T.		.44	.90	T.				1.30	.10	.11	.01	T.	.75	T.				3.97
Turnpike	Arkansas			.07					T.				.01	.03	.02	.04	1.12	1.64					.20	.04	.06		T.	.65			.06	.21	4.15
Waldron	Arkansas			.15	.05												1.60	.28					51	T.			.07	.19		T.		.03	2.88
Warren	Ouachita				.19												.16	.80					1.10	1.06			1.75	2.44	.47	.03		.06	8.06
Whitecliffs	Red				.10	.20								.10			.10	2.35				.33		1.16				1.90	.33	.30			6.87
White Rock	Arkansas	.02	.35	.03									.04	.02									.27										
Wilson	Mississippi																	.45					1.10	.35						.90			2.80
Wynne	St. Francis				.18									.08			.30	.15					.50	.50			.60	.10	.10		.05	.19	2.75
Yancopin	Arkansas				.42				T.	04				.08			.04	.20	.42				.30	1.12				1.52	.72	.11	.03		5.00

Daily temperatures for December, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	49	50	44	51	49	32	..	..	..	..	39	36	61	60	64	61	61	55	58	52	58	52	47	56	50	50	63	62	53	60	63	53
	Minimum	33	22	32	36	27	13	..	22	12	14	11	28	32	46	44	54	38	34	27	30	25	39	40	42	38	42	40	49	44	46	52	33
Amity §§	Maximum	55	55	42	51	39	35	42	30	31	31	42	60	67	58	67	62	51	62	63	55	60	45	47	55	51	53	62	57	52	60	60	51
	Minimum	36	27	26	36	28	15	15	26	15	16	19	20	31	51	51	51	51	33	29	32	27	28	42	44	41	44	46	53	49	49	50	34
Batesville	Maximum	50	42	48	50	42	29	42	38	34	34	38	34	39	42	59	62	60	52	48	49	56	50	44	61	55	48	56	53	48	60	65	48
	Minimum	29	22	26	39	25	13	14	23	12	12	12	26	33	35	37	57	39	30	25	28	23	41	41	44	36	36	40	45	40	41	54	31
Bee Branch	Maximum	50	48	44	48	49	30	42	42	34	35	35	33	45	48	58	60	50	54	50	50	50	50	50	60	60	50	56	56	52	55	60	48
	Minimum	33	23	27	38	24	12	13	23	11	12	14	26	31	40	42	54	33	30	35	36	26	37	40	44	40	39	40	49	43	46	52	32
Benton	Maximum	51	52	42	52	58	34	40	38	35	39	41	38	69	65	63	63	62	60	62	57	58	52	49	54	53	51	63	63	53	58	63	52
	Minimum	30	22	26	40	29	16	26	25	11	19	15	32	37	49	46	52	42	30	26	29	24	42	43	41	40	45	45	52	46	48	54	34
Bentonville ***	Maximum	51	56	43	47	28	26	38	22	20	27	37	39	43	59	43	46	41	50	49	45	53	43	47	49	42	54	54	55	61	58	58	44
	Minimum	29	26	37	28	16	8	22	10	8	8	16	31	36	40	34	38	32	27	30	23	27	34	34	36	30	31	48	43	38	52	38	29
Blytheville	Maximum	45	46	56	45	37	29	28	33	33	33	36	35	54	59	59	62	59	48	39	39	52	49	50	..	..	..	..	52	43	54	59	45
	Minimum	27	26	25	34	25	17	13	16	10	10	10	30	32	33	32	56	41	39	31	30	25	41	40	..	..	..	..	40	39	40	50	30
Booneville	Maximum	57	54	47	55	47	33	51	42	26	36	44	39	57	63	54	50	52	56	56	54	59	52	48	65	54	50	60	60	55	69	65	51
	Minimum	37	24	39	40	25	13	27	23	11	20	16	33	35	49	38	44	39	27	28	26	23	42	41	43	38	43	44	53	48	50	56	34
Brinkley	Maximum	45	47	48	52	46	34	41	38	35	36	41	34	69	71	64	64	61	55	61	51	59	59	49	55	56	58	63	64	54	59	62	52
	Minimum	30	25	24	40	30	15	14	24	11	14	14	29	34	41	40	58	42	31	30	32	28	43	43	47	42	43	46	50	43	46	53	34
Camden	Maximum	57	56	55	51	53	40	50	51	35	35	40	45	71	71	70	68	64	59	64	64	59	57	49	57	57	57	65	65	59	58	64	56
	Minimum	34	26	32	42	32	17	19	28	15	27	17	34	44	42	49	57	46	33	29	31	27	43	45	47	43	48	50	58	50	51	55	37
Conway	Maximum	48	51	46	52	46	35	40	39	31	31	36	35	59	63	60	64	62	50	57	49	58	45	50	55	51	50	58	58	54	60	61	50
	Minimum	34	22	30	40	27	15	16	26	12	15	15	30	34	42	43	54	41	31	27	27	26	42	43	47	42	43	43	52	45	47	54	34
Corning	Maximum	47	48	47	44	39	27	35	34	33	34	36	33	37	40	55	61	60	51	42	44	54	46	44	56	54	45	54	49	44	58	62	45
	Minimum	25	25	25	37	19	12	10	21	7	8	6	27	30	32	29	53	37	27	28	27	25	41	35	41	40	31	42	37	36	37	52	29
Cornerstone	Maximum	48	48	58	49	49	37	41	39	31	32	36	37	66	64	61	62	61	52	61	51	54	54	49	54	55	61	61	61	51	57	62	51
	Minimum	30	26	26	41	31	18	20	25	14	20	18	32	36	48	53	58	45	34	29	33	27	27	44	47	44	47	59	49	48	49	55	36
Crossett	Maximum	59	55	48	49	48	36	49	46	34	34	39	48	72	72	62	63	64	63	62	63	60	52	52	67	59	58	65	65	65	63	65	56
	Minimum	30	24	24	42	32	15	15	29	15	18	13	34	41	44	51	59	40	39	26	24	24	41	46	46	44	49	53	54	55	55	54	36
Dardanelle	Maximum	52	51	45	57	52	33	50	43	30	35	40	37	52	57	52	60	55	53	52	54	54	50	48	63	58	50	57	57	56	61	68	51
	Minimum	35	24	35	40	27	14	20	26	13	15	16	32	33	44	46	47	40	30	28	29	29	41	43	43	41	44	43	52	47	48	54	34
De Queen	Maximum	55	55	47	54	50	46	45	42	34	32	38	41	70	65	59	63	61	61	60	58	55	50	48	64	55	54	63	63	58	58	64	53
	Minimum	40	30	37	41	31	15	22	29	15	26	20	33	41	55	55	54	44	30	29	28	26	42	45	45	40	50	50	58	52	53	58	38
Devils Knob	Maximum	..	..	..	..	..	..	..	..	..	29	32	30	54	56	52	56	48	51	49	46	47	42	40	40	48	47	57	55	53	52	54	47
	Minimum	32	30	32	31	17	3	15	12	4	8	16	24	29	48	49	47	31	29	36	26	26	35	37	33	39	38	40	49	44	46	43	30
Dumas	Maximum	57	52	52	52	48	42	43	41	35	38	41	43	74	74	65	63	68	57	68	52	62	54	50	66	60	57	62	62	59	63	65	55
	Minimum	29	25	27	42	31	16	24	28	13	19	17	33	42	46	51	58	45	36	29	32	28	43	44	46	44	47	50	56	50	51	55	37
El Dorado	Maximum	59	54	46	51	48	37	49	45	35	32	38	51	71	73	67	66	65	63	64	51	61	54	51	62	60	59	65	64	59	59	65	[illegible]
	Minimum	35	28	34	38	33	18	18	31	18	25	21	36	51	50	51	61	38	35	32	35	31	37	45	47	51	49	52	59	53	53	58	39
England	Maximum	53	53	46	48	48	38	42	39	40	42	41	38	67	70	62	63	62	56	62	55	59	52	51	55	53	62	63	..	..	58	64	[illegible]
	Minimum	32	26	28	40	29	17	19	26	13	19	18	31	37	42	44	58	41	33	32	34	30	42	43	47	44	45	..	..	46	48	55	35
Eureka Springs	Maximum	52	58	47	48	35	28	40	28	23	30	39	38	40	50	54	51	45	50	52	47	53	46	46	52	47	52	54	53	53	62	59	46
	Minimum	30	25	38	32	19	6	17	11	5	6	13	29	32	36	36	40	33	27	31	24	27	39	36	40	36	32	44	46	36	49	42	29
Fayetteville	Maximum	51	55	51	47	35	26	39	32	21	27	36	38	52	60	56	46	46	47	49	45	47	45	47	53	47	54	50	58	57	60	58	46
	Minimum	30	23	35	35	21	9	18	16	7	9	14	31	37	38	34	39	33	25	25	23	27	37	38	39	36	33	46	47	41	50	45	36
Fordyce	Maximum	54	50	47	50	50	39	47	45	34	33	39	56	69	70	66	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	32	27	31	41	30	16	20	27	14	25	24	35	42	48	53	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fort Smith***	Maximum	56	53	42	53	36	31	45	35	24	35	41	38	58	59	44	50	49	53	54	50	54	46	49	58	46	50	55	59	56	64	62	48
	Minimum	38	31	38	36	21	14	27	18	15	20	23	33	37	39	36	42	39	31	36	30	29	42	44	37	37	44	45	53	51	52	43	34
Gilbert	Maximum	61	55	60	53	53	33	30	43	32	30	33	40	35	40	54	63	50	43	53	50	50	58	46	48	68	56	49	65	52	51	63	[illegible]
	Minimum	25	27	28	33	24	12	10	22	7	7	10	30	33	34	37	42	42	24	23	18	16	42	39	42	39	38	40	48	42	41	49	29
Grannis	Maximum	54	48	44	46	46	31	39	39	30	30	34	39	67	64	58	60	60	54	54	52	47	47	47	60	55	54	62	62	58	55	60	50
	Minimum	36	26	33	42	26	10	17	25	9	22	16	30	37	52	50	54	40	28	27	26	24	39	41	42	37	47	47	55	52	50	54	[illegible]
Gravette§§	Maximum	53	60	46	49	30	30	42	28	21	29	40	42	46	63	44	46	49	52	51	46	58	47	49	51	42	57	56	58	63	60	60	47
	Minimum	26	26	27	37	19	7	8	14	5	4	4	17	32	38	32	34	24	22	22	19	19	25	33	38	34	31	39	41	38	42	52	[illegible]
Green Mountain	Maximum	49	45	43	..	49	25	42	37	29	30	36	31	..	40	..	60	50	50	46	45	55	48	43	63	56	45	64	53	47	57	61	[illegible]
	Minimum	31	26	32	..	20	8	16	18	8	9	16	26	..	29	..	38	34	38	29	27	29	38	36	39	38	34	38	44	39	43	49	[illegible]
Harrison	Maximum	49	49	44	48	34	24	43	31	25	27	36	32	40	41	54	55	47	47	46	43	55	47	47	59	45	48	58	52	50	63	61	[illegible]
	Minimum	24	19	35	34	21	9	12	15	9	9	10	28	31	35	40	43	34	29	21	26	26	41	38	43	38	33	42	46	40	46	45	[illegible]
Helena	Maximum	55	54	52	50	54	45	49	48	43	33	41	42	69	70	66	62	69	57	62	52	58	49	50	59	57	58	62	62	54	69	64	[illegible]
	Minimum	30	25	30	40	30	15	17	24	16	13	15	29	40	50	54	59	46	42	34	34	30	42	43	47	44	44	50	52	45	46	56	[illegible]
Highland	Maximum	56	54	46	54	46	35	45	40	35	31	39	40	71	66	68	66	64	59	61	60	56	49	49	58	59	54	64	64	58	59	64	[illegible]
	Minimum	39	31	36	40	28	15	23	26	15	24	24	31	39	52	54	59	43	35	35	35	33	41	44	45	41	48	47	56	49	50	56	[illegible]
Hope §§	Maximum	54	55	43	54	43	36	50	33	34	31	38	62	72	64	68	68	63	62	62	52	55	46	48	58	54	62	64	60	52	60	59	[illegible]
	Minimum	37	29	30	36	30	16	17	26	13	15	24	34	35	52	48	49	47	32	30	31	30	31	42	46	42	48	50	60	50	50	51	[illegible]
Hot Springs	Maximum	53	54	42	50	44	33	40	39	33	39	40	38	61	62	62	61	61	59	62	55	59	50	48	54	53	51	62	62	54	62	62	[illegible]
	Minimum	36	26	33	39	29	15	18	26	15	22	18	32	37	50	51	48	42	33	30	31	30	41	43	46	44	45	46	53	48	48	55	[illegible]
Jonesboro	Maximum	47	47	48	46	46	27	37	36	33	34	37	32	41	52	59	61	59	51	43	45	52	49	45	56	51	48	54	54	47	56	60	[illegible]
	Minimum	31	27	25	38	27	14	14	22	12	14	16	25	31	34	31	54	39	30	28	30	29	41	36	43	39	35	42	43	39	40	51	[illegible]
Lead Hill	Maximum	51	43	44	50	38	25	37	32	29	31	33	35	40	42	46	48	49	38	53	45	58	51	45	47	48	46	56	54	49	58	58	[illegible]
	Minimum	19	13	34	35	20	8	7	15	3	0	6	30	31	34	39	41	34	21	19	18	16	39	35	35	38	28	40	43	34	44	47	[illegible]
Little Rock [Airway]	Maximum	50	49	46	51	49	32	42	40	32	36	38	36	65	68	61	62	61	55	61	52	60	52	49	57	52	51	60	60	50	55	64	[illegible]
	Minimum	33	26	28	40	30	17	18	24	14	19	17	31	35	40	43	54	40	34	28	34	29	42	43	46	41	44	44	49	44	47	54	[illegible]
Little Rock.***	Maximum	47	46	45	50	37	28	41	37	30	32	37	40	66	66	62	63	60	52	59	50	57	49	49	55	51	50	60	56	49	56	63	[illegible]
	Minimum	37	31	32	37	22	18	20	20	16	20	22	32	38	42	45	57	40	36	33	35	32	42	43	47	47	44	45	48	44	47	53	[illegible]
Lutherville	Maximum	53	50	44	54	45	30	45	41	27	33	35	36	55	57	53	60	55	52	51	50	51	46	45	59	54	48	61	60	55	57	60	[illegible]
	Minimum	36	28	35	38	24	10	18	21	9	12	16	30	31	47	44	46	38	28	30	27	25	40	42	41	37	40	40	53	47	47	54	[illegible]
Magnolia	Maximum	55	55	53	53	52	38	51	48	35	35	40	49	55	69	69	78	64	59	67	64	63	66	53	62	64	62	66	68	65	62	63	[illegible]
	Minimum	37	30	35	42	32	16	20	28	16	17	23	35	40	47	55	60	45	31	32	32	29	42	44	45	45	49	50	59	51	51	56	[illegible]
Mammoth Spring	Maximum	48	42	48	49	39	23	35	35	29	31	34	32	36	38	55	60	52	50	44	45	55	48	45	60	55	48	56	54	45	61	63	[illegible]
	Minimum	22	17	25	37	21	11	8	19	7	9	5	25	30	33	34	46	35	29	24	25	18	40	35	40	38	29	40	39	36	41	52	[illegible]
Marianna	Maximum	46	47	49	47	45	40	39	40	30	33	38	48	69	68	63	62	63	51	59	59	56	49	49	55	..	..	62	61	51	63	63	[illegible]
	Minimum	32	26	26	41	17	17	18	24	10	16	15	28	40	49	46	59	42	34	29	29	29	43	43	43	..	..	40	51	45	47	56	[illegible]
Marked Tree§§	Maximum	50	43	49	48	45	35	26	39	27	33	34	37	53	62	65	60	62	61	50	44	45	54	45	50	65	54	56	66	51	45	57	[illegible]
	Minimum	31	27	21	30	29	15	14	23	10	13	11	19	31	37	33	42	56	30	28	30	26	31	41	43	37	36	36	49	40	40	43	[illegible]
Mena	Maximum	54	54	43	51	41	31	44	39	27	29	41	46	66	62	60	61	56	57	58	53	55	45	46	58	50	48	61	59	53	56	61	[illegible]
	Minimum	38	27	36	38	26	14	20	21	13	20	24	30	46	56	54	55	40	30	32	30	28	40	41	43	39	45	46	53	49	50	54	[illegible]
Monticello	Maximum	60	52	50	50	48	34	42	41	33	34	42	46	70	72	65	63	62	54	62	52	58	48	48	62	56	50	63	65	58	60	62	[illegible]
	Minimum	32	32	34	43	33	17	22	28	15	18	18	32	46	52	58	61	48	39	35	38	32	43	42	42	46	48	48	58	52	52	52	[illegible]
Morrilton	Maximum	59	58	57	55	53	52	50	48	48	46	45	44	55	59	60	63	61	61	59	59	57	57	56	63	59	60	59	58	56	61	67	[illegible]
	Minimum	35	24	31	39	28	15	19	25	14	18	17	20	32	40	43	47	39	32	26	32	32	40	42	44	42	43	42	45	47	46	53	[illegible]
Mountain Home	Maximum	52	48	44	52	35	29	41	31	32	31	36	34	38	40	52	50	50	50	40	46	60	48	43	61	47	47	57	51	46	62	60	[illegible]
	Minimum	25	20	30	32	20	10	10	13	7	8	10	28	30	33	38	32	34	32	23	26	21	38	36	40	34	31	39	39	37	32	32	[illegible]
Mt. Ida	Maximum	49	48	48	53	45	30	45	40	40	34	41	38	66	65	62	62	61	61	62	50	61	50	48	54	55	50	63	61	54	59	68	[illegible]
	Minimum	34	18	29	38	27	12	12	7	24	22	12	30	36	55	51	54	40	25	23	25	19	45	42	45	36	45	45	45	43	49	54	[illegible]
Newport	Maximum	45	44	46	49	42	31	41	39	33	34	48	35	40	48	55	63	61	52	42	48	52	49	46	58	56	49	55	53	49	58	60	[illegible]
	Minimum	29	24	25	40	29	16	14	25	14	15	13	31	35	37	35	54	39	31	27	30	24	37	42	45	37	39	43	47	41	43	53	[illegible]
Oden	Maximum	54	54	42	52	36	32	45	33	27	32	40	41	67	65	65	67	58	57	60	50	68	48	47	60	50	49	65	58	52	60	65	[illegible]
	Minimum	31	23	33	34	18	18	20	15	12	16	17	30	61	54	53	34	37	31	29	28	27	42	41	45	43	45	51	50	49	51	50	[illegible]
Okay	Maximum	60	62	56	59	53	41	52	51	35	39	39	47	73	73	69	63	52	61	62	59	57	56	51	63	61	60	67	66	59	61	69	[illegible]
	Minimum	30	41	43	41	30	12	19	28	15	12	20	33	46	53	49	49	46	32	30	28	28	42	45	45	42	40	50	58	49	51	57	[illegible]
Ozark	Maximum	47	47	44	56	48	37	48	42	25	27	37	37	58	60	56	50	48	52	46	46	48	47	47	48	60	58	58	55	57	57	53	[illegible]
	Minimum	36	23	36	38	35	9	17	18	9	9	13	32	30	48	38	45	37	35	38	33	32	40	40	42	33	42	50	47	49	48	48	[illegible]
Pine Bluff	Maximum	52	51	47	50	49	34	44	41	35	36	41	47	73	72	66	63	62	55	63	53	60	52	50	56	58	54	64	63	53	58	64	[illegible]
	Minimum	34	30	30	31	31	17	20	25	16	22	19	32	46	47	51	59	42	37	31	36	31	43	44	47	45	47	48	51	47	49	55	[illegible]
Pocahontas	Maximum	49	45	45	49	55	30	36	43	34	34	34	34	37	40	54	61	65	52	47	46	54	50	46	57	56	48	53	54	50	57	62	[illegible]
	Minimum	27	26	26	39	26	12	12	24	11	11	10	24	31	34	31	52	38	30	28	29	24	42	37	42	42	33	42	40	38	40	52	[illegible]
Portland	Maximum	57	53	50	50	49	40	48	43	33	35	40	46	73	71	71	67	64	55	63	53	61	52	52	67	61	58	63	64	62	64	67	[illegible]
	Minimum	30	26	28	42	32	16	16	30	15	20	16	32	43	42	49	58	49	40	28	36	26	42	45	46	47	47	51	58	52	48	55	[illegible]

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding d

Weather Bureau Office, Little Rock, Ark. 1-25-38-115

Daily temperatures for December, 1937

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott............	Maximum	55	55	51	54	52	38	48	46	35	33	40	44	71	67	67	65	63	65	62	55	57	53	50	55	57	61	65	64	59	64	65	55.4
	Minimum	38	29	35	42	30	16	21	28	15	25	24	34	43	50	51	48	45	32	30	32	29	42	43	42	49	52	55	57	49	50	56	38.5
Rogers	Maximum	53	57	48	47	36	27	40	31	21	30	39	38	41	59	57	47	47	50	51	46	54	49	46	52	45	56	55	55	62	62	58	47.1
	Minimum	25	20	38	35	20	8	15	15	6	5	11	31	35	38	35	39	33	22	25	21	23	39	37	43	36	32	47	48	37	51	47	29.6
Russellville [Evap]	Maximum	53	52	48	57	45	32	49	47	30	36	40	36	53	54	52	56	55	61	54	55	56	56	58	63	61	50	60	59	57	62	65	51.7
	Minimum	33	23	28	34	28	15	17	26	13	15	16	33	34	45	46	41	40	30	28	27	25	41	42	44	41	44	43	53	48	48	55	34.1
St. Charles.........	Maximum	51	52	47	49	48	39	29	40	35	32	35	40	57	71	69	65	63	61	54	60	51	49	56	58	60	61	62	64	59	50	68	52.7
	Minimum	30	26	25	27	32	17	16	23	12	12	15	15	31	60	50	55	58	34	29	29	26	27	32	34	43	42	42	56	47	41	48	33.0
Searcy	Maximum	46	43	47	57	51	32	43	37	36	36	40	34	46	57	60	63	61	56	51	52	56	45	45	57	54	51	56	65	49	55	61	49.5
	Minimum	32	25	26	40	27	14	15	24	12	13	15	28	33	38	39	54	40	29	27	29	24	42	43	45	35	40	43	49	43	44	53	32.9
Stuttgart	Maximum	49	47	51	50	42	30	42	40	34	33	41	37	76	71	65	62	61	53	62	52	61	50	50	57	56	55	64	59	51	59	63	52.3
	Minimum	30	26	24	34	28	17	16	23	12	15	16	30	35	45	45	56	43	32	30	32	26	42	42	45	40	44	45	50	45	47	53	34.5
Subiaco	Maximum	56	55	45	55	49	30	46	43	25	34	42	39	59	62	52	50	52	54	50	52	55	51	50	61	56	51	60	59	56	65	63	51.2
	Minimum	45	27	38	40	26	14	21	22	13	18	18	33	33	47	40	44	40	33	31	32	30	41	42	38	38	42	43	53	48	48	55	35.3
Texarkana	Maximum	58	65	52	52	52	38	54	48	36	33	38	51	71	66	68	64	63	62	63	59	58	52	50	65	56	56	68	65	59	61	65	56.4
	Minimum	40	34	32	42	31	16	22	30	16	27	22	34	50	54	52	54	45	33	32	32	30	42	45	45	42	50	51	58	51	51	58	39.4
Thornburg	Maximum	50	53	44	51	39	31	43	40	31	35	40	36	62	63	63	62	60	55	56	52	59	51	47	61	53	50	62	59	54	60	65	51.2
	Minimum	26	17	27	38	26	12	10	23	11	14	10	30	33	42	44	52	38	30	23	28	22	40	41	43	32	42	42	49	45	48	60	32.2
Turnpike..........	Maximum	51	49	38	47	32	26	40	35	27	31	32	30	57	57	54	57	56	48	52	47	49	42	41	57	49	45	58	56	54	51	55	45.9
	Minimum	32	29	32	30	18	5	15	15	6	9	16	25	28	47	49	50	31	29	30	28	26	34	37	39	36	36	40	45	43	45	44	30.6
Warren	Maximum	57	54	48	51	49	34	46	45	39	34	41	45	72	70	72	72	61	68	62	56	59	53	55	63	58	58	64	64	59	59	64	55.9
	Minimum	32	28	30	42	26	18	20	27	16	25	18	34	43	46	47	59	50	35	30	36	31	42	43	44	48	48	49	58	50	51	55	38.1
White Rock	Maximum	48	45	48	38	26	39	29	21	29	29	30	27	57	56	..	..	54	49	51	47	47	42	40	56	49	43	55	57	53	••	..	43.1
	Minimum	21	22	21	17	18	14	5	5	5	5	7	6	20	34	..	..	31	31	31	29	26	26	26	26	27	26	27	25	25	..	..	29.6
Wilson	Maximum	43	48	49	46	46	40	36	35	33	..	..	..	..	69	60	63	61	58	47	44	53	49	51	..	..	..	60	56	62	60	60	51.2
	Minimum	27	25	33	40	30	14	14	24	9	..	..	..	..	37	35	57	40	31	28	30	27	40	42	..	..	..	53	48	52	52	52	35.0
Wynne	Maximum	43	48	48	46	46	31	40	35	33	35	39	34	68	70	62	62	62	55	50	49	56	49	49	55	68	56	60	58	49	68	61	51.1
	Minimum	30	22	23	38	28	13	13	23	8	10	11	22	31	39	36	56	40	28	27	27	26	41	41	45	33	38	44	50	39	42	52	31.5

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for December, 1937

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope .... [Exp. Farm]	Evap.	.003	.061	.160	.007	.029	*	*	*	*	*	*	.233	.080	.049	.021	.007	.022	.150	.074	.074	.062	.080	....	.140	.140	.008	...	.000	..	.049	.009	1.642
	Mean tem.	46	42	36	45	36	26	34	30	24	23	31	48	54	58	58	58	55	47	46	42	42	38	45	52	48	55	57	61	51	55	55	45.0
	Wind move	50	26	23	20	61	85	38	50	53	38	17	31	50	54	25	28	36	77	22	28	26	43	87	44	38	51	47	38	72	41	34	1,383
Russellville .... [Ozark Nursery]	Evap.	.048	.040	.014	.044	.108	*	*	*	*	*	*	*	.356	.044	.011	.016	. .	....	.034	.030	.011	.030	.044	.036	.036	.032	.030	.010	.001	.011	.001	1.055
	Mean tem.	43	38	38	46	36	24	33	36	22	26	28	34	44	50	49	48	48	46	41	41	40	48	45	54	51	47	52	56	52	55	60	42.9
	Wind move	20	21	21	42	104	83	29	91	46	51	18	44	21	23	25	15	73	7	60	27	14	35	25	52	23	40	23	24	24	21	48	1,150
Stuttgart .... [Rice Exp. Farm]	Evap.	*	*	*	.182	*	*	*	*	*	*	*	*	*	.068	.048	.008	.002	.041	.028	.040	*	.045	.019	....	.015	.121	.	....	.021	.001	. .	0.733
	Mean tem.	40	36	37	44	34	23	30	29	22	24	29	38	52	59	56	60	58	44	46	42	42	37	47	50	49	57	55	56	50	54	54	43.6
	Wind move	40	19	22	4	55	113	56	18	43	42	10	15	50	20	41	57	108	82	24	31	27	64	99	104	43	47	40	68	69	48	27	1,486

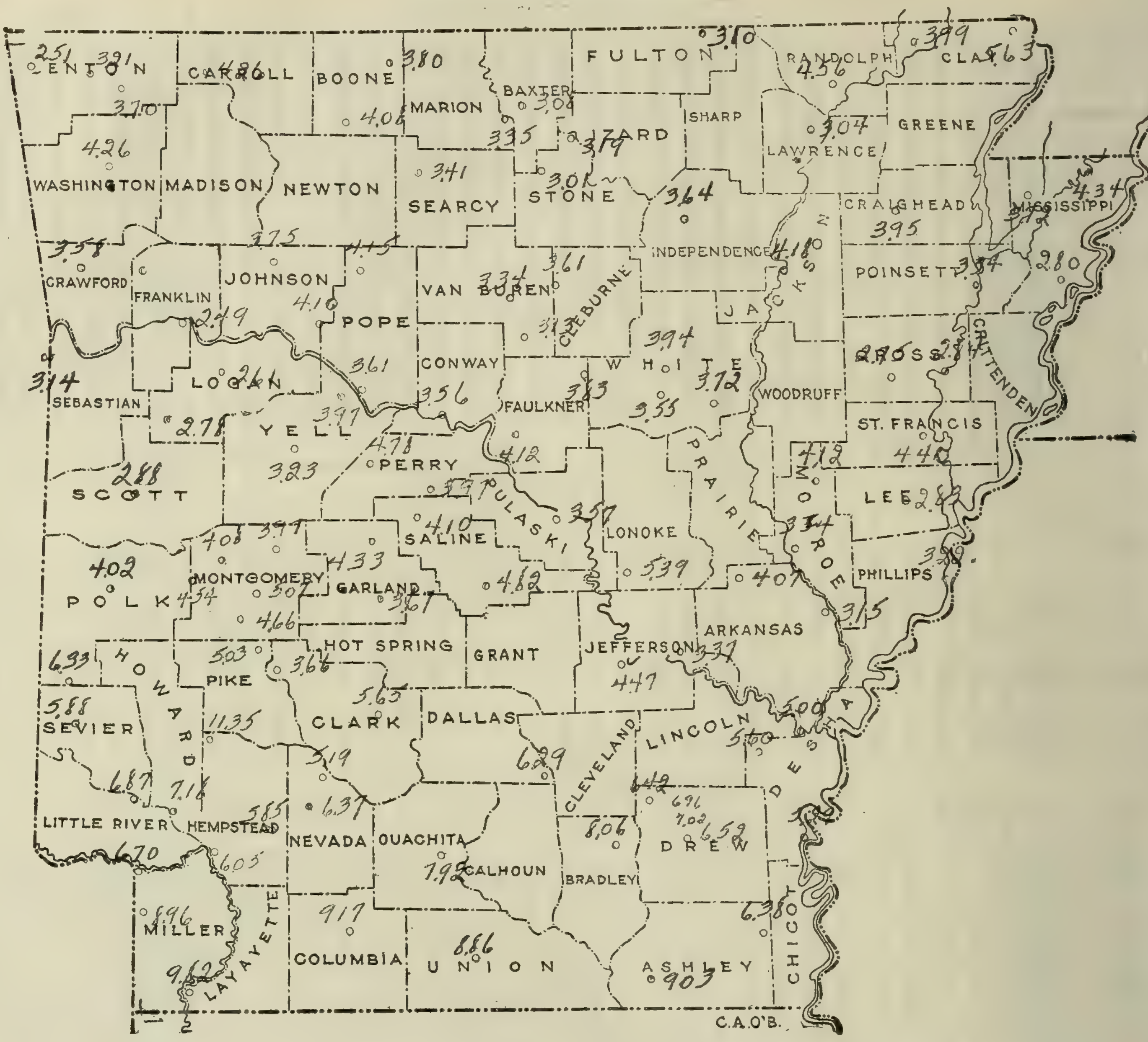
Daily River Stages for December, 1937

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith .. ¶	..Arkansas	22	5.4	5.3	....		...	....	....	. .	....	....	....	....	....	....	....	....	6.8	12.0	11.0	10.4	10.2	8.6	7.3	6.8	6.6	0.4	6.2	6.2	6.2	6.1	6.0
Van Buren ...	......do	22	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.4	3.3	3.2	3.2	3.2	6.8	12.1	11.0	10.2	10.0	8.1	6.8	6.4	6.2	5.9	5.6	5.4	5.2	5.2	5.0
Danville	.Petit Jean.	20	4.3	4.1	4.0	3.9	4.0	4.1	4.0	3.8	3.6	3.5	3.4	3.4	3.3	4.6	4.6	3.5	8.7	19.6	21.1	20.6	18.2	14.7	13.2	14.2	13.1	11.1	10.0	12.8	11.8	11.1	9.8
Ozark	..Arkansas.	22	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	7.0	6.5	6.3	6.1	5.2	3.8	2.4	2.2	2.0	1.7	1.5	1.5	1.3	1.2
Dardanelle....	......do	22	2.7	2.7	2.6	2.6	2.4	2.4	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.3	3.4	7.0	10.9	10.4	9.3	9.0	8.1	7.0	6.1	5.6	5.5	5.2	5.0	4.8	4.6
Morrilton	.... .do	20	-1.2	-1.4	-1.4	-1.5	-1.7	-1.6	-1.6	-1.6	-1.6	1.8	-1.8	-1.8	-1.9	-1.9	-2.0	-1.9	-1.5	1.7	6.8	8.9	8.0	6.3	5.9	4.8	3.8	2.8	2.8	2.7	2.4	2.0	1.7
Little Rock.	......do	23	-0.1	-0.3	-0.4	-0.5	-0.6	-0.7	-0.8	-0.8	-0.8	-0.8	-0.9	-1.0	-1.0	-1.1	-1.1	-1.1	-0.7	-0.1	3.8	8.1	8.2	7.3	7.1	6.7	5.8	4.9	4.3	4.1	4.2	3.9	3.5
Pine Bluff	......do . .	25	3.7	3.6	3.5	3.4	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.9	8.9	8.5	12.1	11.8	11.3	10.9	10.6	9.6	8.8	8.1	7.0	7.0	7.2
Gilbert	..Buffalo...	30	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.9	2.9	2.9	4.7	7.7	5.9	5.4	5.2	4.7	4.5	4.2	4.1	4.1	4.1	4.1	4.0	4.0	3.9
Doniphan, Mo.	..Current ..	10	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.5	3.1	6.0	4.0	3.9	3.5	3.3	2.3	2.3	2.3	2.7	2.7	2.6	2.5	2.5
Black Rock...	...Black...	14	2.2	2.2	2.1	2.1	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.9	1.9	1.0	2.3	7.3	7.1	6.9	7.0	6.5	8.1	7.9	7.1	6.4	7.5	8.4	7.6	6.9	6.5
Judsonia.......	...White ...	..	5.4	5.0	4.9	4.6	4.4	4.2	4.1	3.9	3.6	3.4	3.4	3.3	3.2	3.1	3.1	3.1	4.7	7.9	20.0	17.2	17.0	17.3	18.8	19.0	18.8	18.1	17.4	17.7	17.8	17.4	16.6
Ozark Beach Mo	...White ...	30	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	4.5	8.4	9.0	8.8	6.0	5.0	4.6	4.4	3.0	2.5	2.6	2.4	2.9	-0.6	-0.6
Cotter	. . do	21	3.0	3.0	3.0	3.0	2.8	2.8	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	6.0	9.6	9.6	9.0	8.0	7.0	5.4	5.0	5.0	4.5	4.3	4.8	4.8	4.1
Calico Rock...	..... do .. .	18	0.3	0.5	0.4	0.3	0.1	0.0	0.1	0.5	0.2	0.1	0.1	-0.1	0.1	0.5	0.2	0.2	1.4	4.6	8.6	8.2	8.2	6.3	5.0	4.2	3.9	3.2	2.8	2.5	3.0	2.9	2.0
Batesville	......do	23	5.2	5.1	5.1	5.1	5.1	4.8	4.6	4.7	4.9	4.9	4.7	4.6	4.5	4.7	4.9	4.9	6.4	9.2	13.6	15.0	14.5	13.7	12.4	10.3	9.9	9.4	9.5	8.8	8.4	8.8	8.2
Newport.	......do	26	1.5	1.4	1.3	1.3	1.3	1.2	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.6	0.6	0.9	0.9	4.4	8.7	12.6	13.9	14.1	11.0	13.6	12.4	11.0	9.9	10.0	10.2	9.8	9.4
Georgetown ..	......do	21	2.8	3.0	3.1	3.2	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.3	2.3	2.1	1.9	1.8	2.1	3.2	8.5	12.6	14.7	15.5	16.3	16.7	16.8	16.4	15.9	15.6	15.6	15.5	15.1
Clarendon ...	......do	26	11.3	11.2	11.2	11.2	11.1	10.9	10.6	10.4	10.3	10.1	9.8	9.6	9.5	9.4	9.3	9.2	9.2	9.6	10.6	13.0	16.2	17.9	19.3	20.4	21.2	21.7	22.2	22.6	22.9	23.1	23.2
St Charles	......do	..	11.5	11.3	11.3	11.3	11.1	11.0	10.8	10.7	10.5	10.4	10.2	10.0	9.8	9.7	9.6	9.4	9.3	9.4	10.4	11.4	13.9	16.0	17.4	18.4	19.3	19.9	20.5	20.9	21.3	21.6	21.9
Arkadelphia ..	.Ouachita..	17	8.0	7.9	7.7	7.7	7.4	6.7	6.0	5.3	7.0	6.4	6.4	5.9	4.4	5.5	6.1	6.0	7.4	11.4	9.4	8.7	8.0	8.4	12.8	11.6	11.5	8.6	9.1	11.2	9.7	10.1	10.2
Boughton......	Little Mo. .	..	4.6	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.8	10.9	14.0	15.6	13.2	9.2	10.8	13.8	14.4	13.3	11.2	15.7	17.2	18.1	16.9
Camden	.Ouachita ..	26	9.8	9.8	9.6	9.2	8.8	8.7	8.5	6.9	6.2	6.3	6.8	6.6	6.5	5.8	5.3	5.7	6.6	8.1	15.8	17.8	17.8	17.4	18.1	20.6	24.1	25.4	25.5	25.9	27.1	29.0	29.5
Whitecliffs	Little River	25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	14.6	20.6	22.3	23.1	22.2	20.5	18.6	18.1	17.7	16.8	19.1	19.6	20.0	19.4
Index	....Red.....	25	6.4	6.4	6.4	6.4	6.2	6.2	6.2	6.2	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.9	8.4	12.6	14.8	14.4	13.0	12.0	11.5	11.7	11.6	11.2	11.5	11.8	11.8	11.8
Fulton..........	... ..do.....	25	6.7	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.8	5.7	6.7	5.7	5.6	5.6	5.5	5.4	7.4	10.1	14.0	16.6	17.3	16.9	16.3	15.7	15.2	15.0	14.9	14.8	15.3	15.5	15.6
Big Lake Outl't	Little River.	10	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.4	5.5	5.6	6.1	7.0	7.7	8.2	8.4	8.8	9.1	9.4	9.6	9.7	10.1	10.3
St. Francis...	St. Francis.	18	4.6	4.7	4.8	4.9	5.4	5.9	6.2	6.5	6.1	5.9	5.7	5.7	6.0	6.3	5.8	5.9	6.0	7.5	8.7	12.4	14.7	16.2	17.1	17.6	17.7	17.8	17.8	17.4	16.1	13.7	12.4
St. Francis L.L.	......do	..	21.1	21.1	21.1	21.1	21.1	22.0	21.0	20.6	20.9	20.9	20.9	20.9	20.9	20.7	20.7	20.7	20.8	21.0	21.1	21.1	21.2	21.4	22.6	21.8	22.0	22.2	22.4	22.6	22.8	23.1	23.4
Marked Tree ..	......do .. .	17	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.9	1.9	2.0	1.6	1.6	1.6	1.8	1.9	2.0	2.5	2.8	3.0	3.0	3.0	3.2	3.4	3.4	3.4
Parkin	.....do	28	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.7	6.1	7.1	7.1	7.3	7.6	8.1	8.6	8.6
Madison.......	.... .do	32	5.1	5.0	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.4	4.5	4.7	4.8	4.7	4.8	5.4	6.4	7.3	7.9	8.4	8.5	9.1	9.7	10.1
Helena	Mississippi .	42	4.9	4.5	4.7	5.3	6.1	6.8	7.1	6.9	6.4	6.0	5.5	4.9	4.1	3.7	3.8	3.1	1.9	1.0	1.5	3.1	5.7	8.8	11.5	13.8	15.9	18.1	19.9	21.6	23.0	24.0	24.7
Arkansas City.	......do	42	2.1	1.8	1.5	1.5	1.6	2.0	2.5	7.8	2.9	2.6	2.2	1.8	1.6	1.1	0.7	0.5	0.4	.. .	....	....	. ..	2.2	5.8	8.5	10.8	13.0	14.4	15.9	17.3	18.3	19.2

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1. Altheimer; Devils Knob, Salus; Green Mountain, Calico Rock. Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2. Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||| 24 hours ending 7 a.m. Data in italics interpolated. *Included in next measurement. ¶All pool stages except 18th to 23d, inclusive.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period: for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for December, 1937



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLII   Little Rock, Ark., Year, 1937   No. 13

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GENERAL SUMMARY

The weather in Arkansas during the year 1937 was outstanding in several respects. The destructive weather of January with its sleet and glaze storms, record precipitation and resulting floods was unusual in the climatic history of the State. The ideal weather the rest of the year, especially during the growing season, gave the State its largest cotton yield since 1882.

The mean temperature for the year was 61.1° which is 0.3° below the 47-year average. This was the lowest mean since 1929 when the average temperature was 60.5°. Mean temperatures for six months showed positive departures. March and November were cold months, each averaging slightly more than 3° below normal. Mean temperatures for the stations ranged from 65.1° at Magnolia to 56.5° at Gilbert. The highest temperature for the year occurred on August 10th at nearly all stations, the highest being 111° at Conway. The lowest temperatures occurred on the 9th and 10th of December, the lowest being 0° at Lead Hill on December 10th.

The average precipitation for the year was 55.20 inches, which is 6.99 inches above the 47-year average. There were six months with positive departures, the amount for January being 8.22 inches above the average. Annual amounts ranged from 71.90 inches at St. Francis to 37.78 inches at Fort Smith. Snowfall for the year averaged 1.9 inches. The average number of days with 0.01 inch or more precipitation was 102. This number was exceeded in 1905 and equaled in 1923. There was an average of 154 clear, 90 partly cloudy, and 121 cloudy days for the year.

The weather for January was unusual for its continuous rains, an average of 17 days with 0.01 inch or more being recorded. The average precipitation for January was 12.61 inches which was a record for that month. This amount has been exceeded only once for any one month, that being the average of 12.93 inches in April, 1927. A serious flood was in progress at the close of the month in the eastern and southern parts of the State. It was estimated that 32,000 families in 19 eastern counties were affected by the flood. Thousands of acres of land remained inundated most of February. Losses from this flood were estimated at $3,128,000.

Glaze and sleet in January in the northwestern and northern parts of the State caused damages to the amount of $1,006,000 in their destructiveness to telephone, telegraph and power lines, and to timber and shrubbery. It was one of the severest storms of this nature in the climatic records of the State.

Tornadoes were reported in Saline County in April, in Benton, Carroll and Boone counties in June, and in Yell, Pope and Conway counties in October. Three persons were killed, 82 injured, and damages were estimated at $352,000.

Windstorms of a destructive nature, but not of tornadic force were reported in March, April, June, July, August and October, with damages amounting to approximately $50,500.

Heavy hail occurred in April, May and June, causing an estimated damage of $31,500 to crops and $17,500 to property.

The last killing frost in spring occurred about April 6th over most of the State, while the first killing frost in Autumn occurred October 23d. The growing season ranged from 168 days at Thornburg to 220 days at Parkin.

The weather during the growing season was very favorable for crops except for a dry, hot period the first 20 days of August. The cotton crop yielded 287 pounds to the acre, the highest yield since 1882. The small grains yielded more than the average. The peach orchards suffered from a cold period that lasted throughout March and the first week of April, but the weather during the remainder of the year was very favorable and the yield was above average. The yield of the strawberry crop was below average but those of all other truck crops were above.

O.D.N.

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COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip.01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	-14	57.75	8.7	98	159	98	109
1893	60.7	103	-13	47.91	6.4	75	185	95	85
1894	61.3	108	-22	49.05	5.9	75	176	97	92
1895	59.8	105	-17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	- 2	46.13	3.9	76	178	96	91
1898	61.4	108	- 4	56.82	3.0	89	158	106	101
1899	60.6	112	-25	41.49	6.6	76	170	105	90
1900	62.0	108	- 5	49.03	2.2	92	150	120	95
1901	61.1	116	- 6	35.27	2.9	65	175	111	79
1902	60.5	108	- 2	51.70	8.3	81	150	121	94
1903	59.3	105	-12	44.62	4.3	84	162	107	96
1904	60.5	105	- 5	43.45	2.9	78	169	112	85
1905	59.6	106	-29	62.17	12.1	103	146	107	112
1906	60.3	101	- 7	55.99	4.3	95	156	96	113
1907	61.9	113	- 8	49.73	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	-19	44.05	6.5	83	176	93	96
1910	61.0	105	-13	45.21	11.0	84	172	109	84
1911	62.8	107	- 9	49.54	1.7	95	152	117	96
1912	59.8	106	-16	45.83	7.8	81	171	110	85
1913	61.6	108	- 1	54.01	5.6	89	158	107	100
1914	61.4	110	-11	42.85	8.6	82	149	109	107
1915	60.6	107	- 3	53.08	4.7	82	163	81	121
1916	61.9	107	-16	42.18	6.3	75	191	76	99
1917	59.2	106	-21	40.72	12.1	75	187	74	104
1918	61.4	115	-23	44.64	18.3	75	174	76	115
1919	61.6	113	-10	54.52	3.4	91	166	75	124
1920	60.7	105	- 2	54.28	2.5	90	174	74	118
1921	64.2	107	- 3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	- 8	37.03	7.9	74	193	68	105
1925	63.0	113	- 6	42.19	2.2	74	184	81	100
1926	61.3	110	-17	49.24	6.0	88	175	79	111
1927	63.1	105	- 2	65.85	2.4	99	161	85	119
1928	61.1	105	-10	50.50	0.9	86	183	76	107
1929	60.5	110	-20	46.10	13.9	98	162	83	120
1930	61.7	115	-28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	- 5	51.11	4.4	95	175	85	106
1933	63.2	109	-13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	-11	57.01	3.7	93	154	90	121
1936	62.0	120	-15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
Period	61.4	120	-29	48.21	5.6	86	170	92	103

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1937

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	41.9	+ 0.6	80	9	12.61	+8.22	21.26	0.7	17	4	3	24	n.
February	44.2	+ 0.7	84	12	2.10	-1.16	3.69	0.2	6	11	7	10	s.
March	48.7	- 3.8	84	14	3.04	-1.66	5.79	0.3	8	13	7	11	n.
April	61.7	+ 0.2	96	20	3.18	-1.63	6.23	0.1	7	13	9	8	s.
May	71.1	+ 2.0	99	36	3.63	-1.36	6.71	0.0	7	15	10	6	s.
June	78.8	+ 1.6	106	45	4.95	+0.91	9.55	0.0	9	14	10	6	s.
July	80.4	- 0.1	106	52	3.71	-0.09	9.77	0.0	7	14	12	5	sw.
August	82.3	+ 2.3	111	55	3.45	-0.13	12.69	0.0	7	15	10	6	s.
September	72.7	- 1.7	102	34	4.27	+0.86	15.18	0.0	7	16	8	6	s.
October	60.8	- 1.7	96	17	4.66	+1.45	9.05	T.	8	18	4	9	n.
November	48.3	- 3.1	90	6	4.99	+1.27	9.44	0.5	8	13	6	11	n.
December	42.2	- 0.5	78	0	4.61	+0.32	11.35	0.1	11	8	4	19	n.
Annual	61.1	- 0.3	111	0	55.20	+6.99	21.26	1.9	102	154	90	121	s

Climatological Data for Year, 1937

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Amity	Clark	500	37	61.1	105	Aug. 10	15	Dec. 6	42	54.09	11.91	Jan.	1.70	Aug.	1.6	102	119[j]	153[j]	83[j]	......
Arkadelphia	Clark	200	....	....	....	....	....	....	42	62.92	15.62	Jan.	2.34	April	0.7	109	154	99	112	ne
Arkansas City	Desha	145	....	....	....	....	....	....	53	66.10	12.92	Jan.	2.63	Sept	T.	111	216	16	133	......
Batesville Airway	Independence	277	1	59.7	108	Aug. 9	12	Dec. 9†	1	51.74	18.85	Jan.	1.96	Mar.	2.0	115	154[j]	89[j]	112[j]	n.
Batesville	Independence	277	....	....	....	....	....	....	38	55.61	13.85	Jan.	2.36	Aug.	2.0	129	174[j]	83[j]	98[j]	......
Bee Branch	Van Buren	700	44	....	105	Aug. 10	11	Dec. 9	45	53.35	13.26	Jan.	2.40	Mar.	....	....	....	....	....	......
Benton	Saline	285	1	....	....	....	11	Dec. 9	2	61.28	15.91	Jan.	2.25	April	0.5	114	206	51	108	......
Bentonville	Benton	1295	32	57.1	99	July 5	8	Dec. 9	32	59.32	15.18	Sept.	1.10	Feb.	17.7	103	108	130	127	s.
Big Lake Outlet‡‡	Mississippi	239	....	....	....	....	....	....	7	62.04	21.26	Jan.	0.29	Aug.	3.0	104	164	49	152	......
Black Rock	Lawrence	259	....	....	....	....	....	....	36	51.56	13.35	Jan.	0.98	Aug.	T.	104	197	30	138	s.
Blytheville	Mississippi	252	12	59.3	100	June 27†	10[d]	Dec. 9†	12	63.88	20.06	Jan	0.81	Aug.	0.7	102	210[h]	64[h]	83[h]	s.
Booneville	Logan	465	22	61.5	107	Aug. 10	11	Dec. 9	23	44.24	5.83	Jan.	1.14	Feb.	2.2	111	119	141	105	s.
Boughton ‡‡	Nevada	235	....	....	....	....	....	....	2	52.55	13.68	Jan.	1.86	Sept.	T.	100	157	43	165	......
Brinkley	Monroe	205	50	....	109	Aug. 10	11	Dec. 9	50	55.42	17.38	Jan.	0.77	July	T	101	159	88	118	ne.
Calico Rock	Izard	361	....	....	....	....	....	....	33	44.10	8.51	Jan.	2.09	Feb.	3.7	107	166	46	153	......
Camden	Ouachita	116	46	64.4	102	June 27	15	Dec. 9	52	64.06	11.78	Jan	1.71	May	0.3	111	114	80	171	se.
Clarendon	Monroe	172	....	....	....	....	....	....	33	51.56	14.04	Jan.	1.74	Aug.	0.2	120	137	81	147	s.
Clinton	Van Buren	516	....	....	....	....	....	....	16	50.99	10.80	Jan.	1.77	Feb.	T.	93	145[a]	120[a]	99[a]	n.
Conway	Faulkner	309	41	61.7	111	Aug. 10	12	Dec 9	54	58.67	14.81	Jan.	2.04	Feb.	2.1	105	193	84	88	s.
Cornerstone	Jefferson	195	22	61.1	103	Aug. 10	14	Dec. 9	26	50.39	15.34	Jan.	0.46	July	0.2	100	204[a]	83[a]	77[a]	sw.
Corning	Clay	293	37	58.4	101	Aug. 9†	6	Dec. 11	44	56.95	13.23	Jan.	0.22	Aug	1.0	96	188	70	107	.
Cotter	Baxter	440	....	....	....	....	....	....	10	49.15	7.41	Jan.	1.64	Feb.	7.7	85	180	54	131	......
Crossett	Ashley	175	14	63.7	101	July 6†	15	Dec. 6	25	56.22	16.03	Jan	1.28	May	T.	102	155	110	100	n.
Danville	Yell	327	....	....	....	....	....	....	21	46.88	9.46	Jan.	1.37	Feb.	0.2	119	115	127	123	......
Dardanelle	Yell	330	28	62.5	110	Aug. 10	13	Dec. 9	51	49.56	9.42	Jan.	1.24	Feb.	T.	112	81	169	115	nw.
De Queen	Sevier	426	2	63.3	104	Aug. 10	15	Dec. 6†	2	61.67	12.69	Aug.	1.79	Feb	0.7	109	196	66	103	ne.
Dumas	Desha	162	23	63.7	107	Aug. 10	13	Dec 9	32	57.44	10.43	Jan.	2.18	July	1.0	124	89	170	106	n
El Dorado	Union	270	33	65.0	103	June 27	18	Dec. 6†	37	66.94	13.65	Jan.	2.32	April	T.	122	161	88	116	s.
England	Lonoke	229	30	62.3	105	Aug. 10	13[b]	Dec. 9	31	54.29	17.16	Jan.	1.28	July	0.3	115	186[l]	71[l]	96[l]	s
Eureka Springs	Carroll	1465	36	57.8	103	Aug. 10	5	Dec. 9	37	51.66	7.65	Jan.	1.42	Feb.	11.0	110	185	93	87	sw.
Fayetteville	Washington	1451	46	58.1	102	Aug. 10	7	Dec. 9	50	42.43	6.76	Jan	0.94	Feb.	19.1	125	122	149	94	sw.
Fordyce	Dallas	190	7	63.8	102	Aug. 10	14[p]	Dec. 9	9	66.76	15.88	Jan.	2.32	April	T.	....	....	....	....	s.
Fort Smith	Sebastian	448	56	61.5	107	Aug. 10	14	Dec. 6	56	37.78	6.02	Sept.	0.89	Feb.	2.8	112	117	131	117	e.
Fulton	Hempstead	260	....	....	....	....	....	....	52	62.59	14.01	Jan	0.66	Sept.	T.	90	149	73	143	......
Georgetown	White	200	....	....	....	....	....	....	25	57.10	18.87	Jan.	1.39	July	T.	91	175	61	129	......
Gilbert	Searcy	600	2	56.5	108	Aug. 10	7	Dec. 9†	12	46.37	7.52	Jan.	1.20	Feb	1.0	92	213	32	120	......
Glenwood	Pike	547	....	....	....	....	....	....	2	61.86	13.08	Jan.	2.22	Sept.	1.0	101	94[a]	60[a]	210[a]	......
Grannis	Polk	900	17	59.9	109	Aug. 10	9	Dec. 9	18	63.65	10.53	Jan.	1.87	Feb.	1.7	135	158	90	117	se.
Gravette	Benton	1250	39	57.1	105	July 5	4	Dec. 10	40	52.65	11.32	Sept.	1.54	Nov.	7.0	81	176	106	83	s.
Harrison	Boone	1052	36	57.8	107	Aug. 10	9	Dec. 6†	37	46.18	8.94	Jan.	0.92	Aug	10.0	108	222	56	87	sw.
Helena	Phillips	300	39	62.3	100	June 26	13	Dec. 10	65	60.94	17.25	Jan.	2.15	Mar.	0.7	124	136	74	155	n.
Highland	Pike	491	8	63.6	106	Aug. 10	15	Dec. 6†	18	54.07	10.75	Jan.	0.44	July	0.0	....	98	144	123	sw.
Hope [Evap]	Hempstead	375	31	62.3	102	Aug. 10	13	Dec. 9	67	56.49	13.04	Jan.	1.70	July	0.6	108	....	....	....	ne.
Hot Springs	Garland	600	40	63.4	109	Aug. 10	15	Dec. 6†	46	67.49	15.10	Jan.	2.79	Feb	2.7	128	84	186	95	s.
Index‡‡	Little River	275	....	....	....	....	....	....	20	59.06	11.28	Jan.	2.20	July	T.	82	170	50	145	......
Jessieville	Garland	750	....	....	....	....	....	....	11	58.93	13.61	Jan.	1.84	Feb.	1.5	97	56[a]	201[a]	107[a]	sw.
Jonesboro	Craighead	345	41	60.0	103	Aug. 10	12	Dec. 9	42	66.35	18.95	Jan.	1.43	Aug.	1.6	131	104	106	155	ne.
Lead Hill	Boone	650	20	56.9	109	Aug. 10	0	Dec. 10	31	38.19	7.84	Jan.	0.93	Aug.	7.2	102	194	85	86	w.
LITTLE ROCK	Pulaski	324	58	61.5	106	Aug. 10	16	Dec. 9	58	52.96	18.04	Jan.	1.62	July	1.3	124	116	98	151	e.
Little Rock Airport	Pulaski	257	1	61.8	105	Aug. 10	14	Dec. 9	1	....	....	....	....	....	....	....	....	....	....	......
Lutherville‡‡	Johnson	775	39	60.4	107	Aug. 10	9	Dec. 9	38	59.46	13.31	Jan.	0.76	Feb	1.3	99	151	96	118	se.
Madison	St. Francis	209	....	....	....	....	....	....	7	56.73	16.39	Jan.	2.04	Feb.	0.5	101	137	33	195	......
Magnolia	Columbia	315	18	65.1	101	June 28	16	Dec. 6†	21	57.45	10.44	Jan.	1.45	May	T.	81	73[h]	197[h]	87[h]	s.
Mammoth Spring	Fulton	600	32	58.1	101	Aug. 10	5	Dec. 11	33	47.52	8.62	Jan.	1.73	Feb.	7.0	77	154	118	93	se.
Marianna	Lee	235	25	62.5	104	June 27	10[b]	Dec. 9	26	53.42	15.01	Jan.	2.05	April	1.7	114	98[e]	206[e]	56[e]	s.
Marked Tree	Poinsett	229	21	59.7	101	Aug. 10	10	Dec. 9	33	58.46	20.78	Jan.	1.95	Aug.	T.	107	129[a]	139[a]	96[a]	n.
Mena	Polk	1207	45	61.2	109	Aug. 10	13	Dec. 9	49	53.46	9.45	Jan.	1.95	Feb.	0.7	123	148	83	134	sw.
Monticello Airway	Drew	273	1	....	100	Aug. 10	15	Dec. 9	1	....	....	....	....	....	....	....	....	....	....	..
Monticello	Drew	....	....	....	....	....	....	....	2	51.58	8.86	Jan.	1.30	April	T.	90	....	....	....	......
Montongo	Drew	....	....	....	....	....	....	....	2	57.05	10.69	Jan.	2.11	April	0.0	86	....	....	....	s.
Morrilton	Conway	315	15	62.2	107	Aug. 10	14	Dec. 9	18	45.83	9.56	Jan.	0.50	Aug.	T.	98	83	190	92	s.
Mountain Home	Baxter	800	20	58.1	106	Aug. 9	7	Dec. 9	25	41.65	7.81	Jan.	0.73	Mar.	6.7	81	....	....	....	s.
Mount Ida	Montgomery	650	22	59.6	109	Aug. 10	7	Dee. 8	38	59.45	12.90	Jan.	2.04	Feb.	2.5	104	157[a]	79[a]	128[a]	sw
Newport	Jackson	231	49	60.9	106	Aug. 10	13	Dec. 11	54	53.85	16.59	Jan.	1.25	July	1.8	113	145	102	118	s.
Norman	Montgomery	750	....	....	....	....	....	....	9	55.28	11.75	Jan.	1.83	Feb.	T.	79	146	68	151	s.
Oden	Montgomery	800	1	....	....	....	12	Dec. 9	10	44.98	8.15	Jan.	1.60	Feb**	....	....	....	....	....	......
Okay	Howard	288	9	63.8	105	Aug. 10	12	Dec. 6†	9	61.64	10.48	Jan.	0.60	Sept.	T.	109	195	74	96	s.
Ozark	Franklin	396	40	60.6	109	Aug. 10	9	Dec. 6†	42	37.98	5.79	Jan.	1.50	Aug.	0.1	91	146	76	143	se.
Parkin	Cross	222	....	....	....	....	....	....	7	57.81	16.56	Jan.	1.42	July	T.	82	159	35	171	......
Pine Bluff	Jefferson	215	49	63.5	104	Aug. 10	16	Dec. 9	50	54.28	15.50	Jan.	1.25	July	T.	114	126	121	118	sw.
Pocahontas	Randolph	309	43	59.7	104	Aug. 9	10	Dec. 11	44	53.79	11.51	Jan.	0.70	Aug.	2.1	97	151	59	155	n.
Portland	Ashley	122	31	63.6	98	June** 27	15	Dec. 9	31	57.04	12.10	Jan.	1.35	May	0.2	118	142	90	133	sw.
Prescott	Nevada	....	48	64.1	104	Aug. 10	15	Dec. 9	49	60.81	14.76	Jan.	2.12	May	0.9	116	144	74	147	e.
Rock Springs ‡‡	Drew	318	44	....	....	....	....	....	2	56.06	13.70	Jan.	2.10	Mar.	0.0	....	....	....	....	sw.
Rogers (near)‡‡	Benton	1300	....	58.1	101	July 5	5	Dec. 10	47	51.58	11.12	Sept.	0.62	Feb.	18.2	95	153	104	108	sw.
Rosebud ‡‡	Faulkner	600	....	....	....	....	....	....	3	51.41	13.98	Jan.	2.09	Feb.	2.7	87	151	110	104	n.
Russellville	Pope	526	2	62.2	109	Aug. 10	13	Dec. 9	25	50.93	9.94	Jan.	1.83	Feb.	T.	105	239	2	124	se.
St. Charles	Arkansas	175	1	....	98	June** 26	12	Dec. 9†	4	57.65	17.71	Jan.	2.04	June	T.	106	153	112	100	s.
St. Francis	Clay	290	....	....	....	....	....	....	10	71.90	16.14	Jan.	1.10	Aug.	3.0	104	197[a]	34[a]	133[a]	......
Searcy	White	245	24	61.3	106	Aug. 10	12	Dec. 9	27	61.94	17.29	Jan.	2.04	Feb.	T.	128	184	47	134	ne.
Springbank ‡‡	Miller	240	....	....	....	....	....	....	28	63.18	10.55	Jan.	1.33	May	0.2	107	157	35	173	......
Story	Montgomery	650	....	....	....	....	....	....	13	51.17	8.82	Jan.	1.98	Feb.	0.9	77	184	81	100	s.
Stuttgart	Arkansas	214	47	62.2	106	Aug. 10	12	Dec. 9	50	59.87	15.86	Jan.	0.70	July	T.	108	216	61	88	s.
Stuttgart Evap.	Arkansas	210	2	61.5	102[b]	Aug 10	12	Dec. 9	2	55.88	16.20	Jan.	1.21	July	T.	123	....	....	....	......
Subiaco	Logan	750	40	62.0	108	Aug. 10	13	Dec. 9	40	45.33	6.39	Jan.	1.20	Feb.	T.	105	158[c]	104[c]	100[c]	se.
Texarkana	Miller	332	51	64.2	105	Aug. 11	16	Dec. 6†	52	69.27	14.97	Jan.	0.32	Sept.	T.	88	173	65	127	s.
Thornburg	Perry	650	15	59.7	110	Aug. 10	10	Dea. 7†	17	54.27	11.29	Jan.	0.22	Feb.	0.8	122	145[c]	118[c]	99[c]	s.
Turnpike‡‡	Pope	2240	1	....	....	....	5	Dec. 6	13	49.13	10.11	Jan.	1.77	Feb.	3.6	108	173	60	132	sw.
Warren	Bradley	206	41	64.1	102	Aug. 10	16	Dec. 9	43	68.65	12.25	Jan.	1.75	May	....	....	....	....	....	sw.
Whitecliffs	Little River	290	....	....	....	....	....	....	31	52.36	10.14	Jan.	0.76	Sept.	0.0	78	190[a]	63[a]	111[a]	......
Wilson	Mississippi	287	12	60.4	97	Aug. 10	9[g]	Dec. 9	12	51.29	17.38	Jan.	1.02	Feb.	T.	82	197[g]	30[g]	131[g]	s.
Wynne	Cross	250	29	60.3	102	Aug. 10	8	Dec. 9	29	57.88	17.29	Jan.	2.13	July	0.3	94	149	115	101	s.
Yancopin	Desha	167	....	....	....	....	....	....	13	54.99	11.43	Jan.	2.67	May	0.2	128	165[g]	53[g]	140[f]	......

Monthly and Annual Precipitation for the Year 1937, with Departures from the Normal

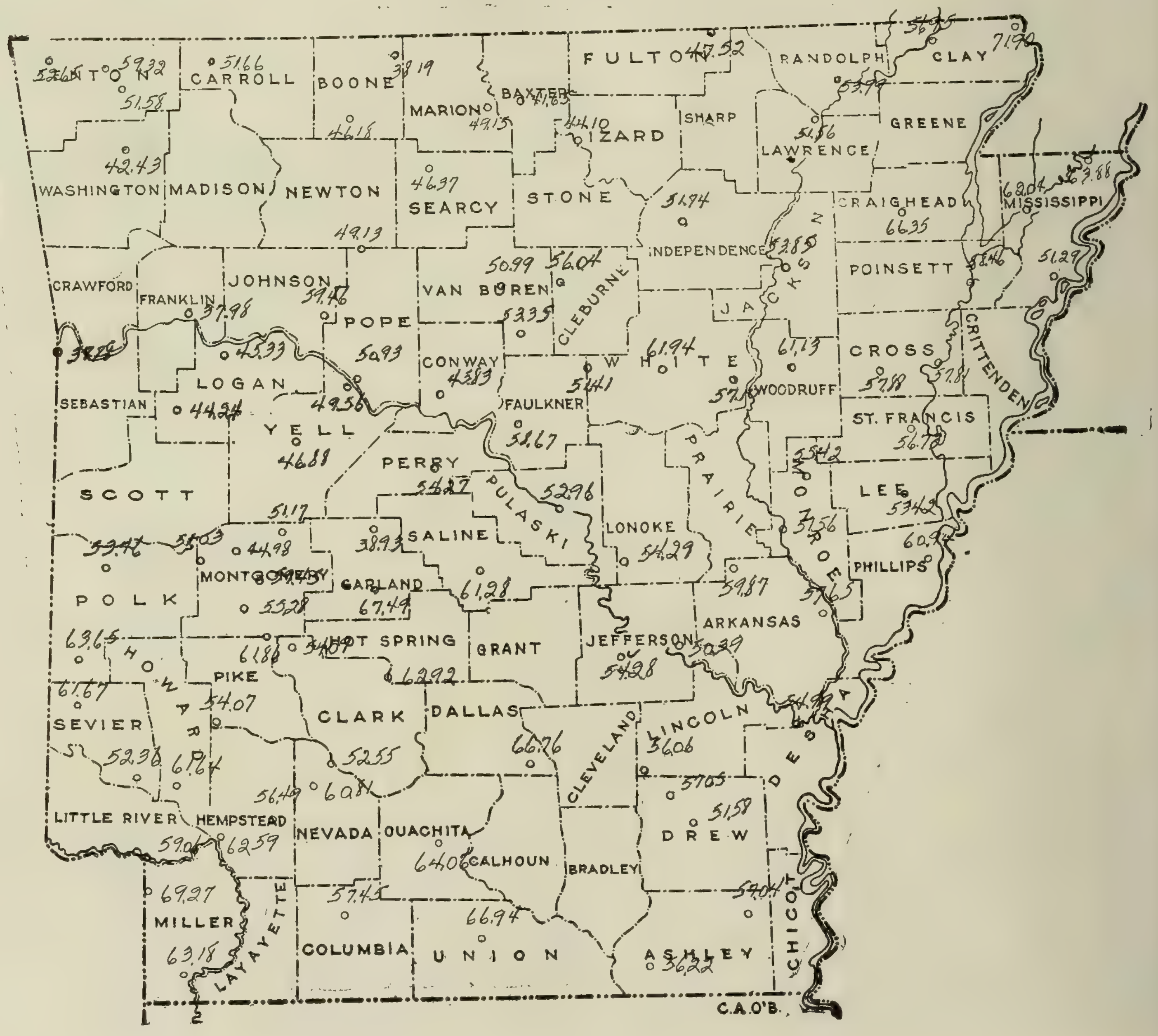
Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Alum Fork Reser.	....	....	2.25	....	....	....	....	....	....	....	3.59	....	1.26	....	3.24	....	4.95	....	4.04	....	8.01	....	4.10	....	....	....
Amity	11.91	+7.47	2.75	-0.65	3.70	-0.40	3.39	-1.71	4.68	-0.72	4.25	-0.56	4.67	+1.42	1.70	-2.25	4.20	+0.72	3.65	+0.39	5.53	+2.04	3.66	-0.51	54.09	+5.24
Arkadelphia	15.62	+10.79	3.25	-0.36	2.77	-1.70	2.34	-2.53	5.08	-0.05	5.95	+1.34	4.15	+0.46	4.42	+0.79	2.42	-0.92	5.33	+1.91	5.94	+2.39	5.65	+0.77	62.92	+12.89
Arkansas City	12.92	+8.37	2.91	-1.41	5.02	-0.18	3.39	-1.81	4.14	-0.83	7.42	+3.80	2.99	-0.65	4.32	+0.36	2.63	-0.32	8.63	+6.01	6.44	+2.66	5.29	-0.69	66.10	+15.31
Batesville Airway	13.85	+9.17	2.39	-1.05	1.96	....	3.00	....	2.59	....	4.18	....	3.58	....	2.30	....	4.63	....	6.59	....	3.03	....	3.64	....	51.74	....
Batesville	13.85	+9.17	2.39	-1.05	2.63	-1.65	2.81	-1.94	3.07	-1.92	5.50	+1.58	3.81	-0.01	2.36	-2.05	4.84	+1.09	6.54	+3.25	3.58	+0.15	4.23	+0.31	55.61	+7.03
Bee Branch	*13.26*	+8.71	*2.43*	-0.61	2.40	-1.98	3.30	-1.55	4.00	-1.06	4.50	+0.01	4.76	+1.35	4.36	+0.33	2.51	-0.69	5.15	+1.59	3.55	-0.11	3.13	-1.04	53.35	+4.95
Benton	15.91	....	3.15	....	3.43	....	2.25	....	5.03	....	4.23	....	3.76	....	3.67	....	4.04		4.79	....	6.20	....	4.82	....	61.28	....
Bentonville	7.05	+4.38	1.10	-1.04	3.71	-0.32	3.64	-0.71	2.75	-2.46	7.21	+2.99	7.10	+2.76	3.13	-0.93	15.18	+11.50	2.89	-0.73	2.35	-0.66	3.21	+0.83	59.32	+15.61
Big Lake Outlet ‡‡	21.26	....	2.20	....	1.70	....	4.39	....	3.64	....	4.43	....	4.67	....	0.29	....	6.70	....	5.57	....	3.47	....	3.72	....	62.04	....
Black Rock	13.35	+8.74	2.18	-1.07	1.65	-2.71	4.42	-0.60	2.86	-1.87	5.25	+1.50	3.86	+0.12	0.98	-3.13	4.96	+1.00	5.61	+2.23	3.41	-0.50	3.04	-1.06	51.56	+2.65
Blytheville	20.06	+14.14	1.83	-0.95	1.86	-3.48	5.98	+1.42	2.78	-1.14	4.91	+0.85	6.29	+3.07	0.81	-4.10	6.31	+2.86	6.00	+2.48	2.71	-1.52	4.34	0.00	63.88	+13.63
Booneville	5.83	+2.23	1.14	-1.46	2.46	-1.57	3.26	-1.04	5.15	-0.53	4.43	+0.23	4.79	+1.24	2.05	-2.03	4.46	+1.43	3.27	-0.01	4.62	+1.38	2.78	-0.26	44.24	-0.39
Boughton	13.68	....	2.24	....	2.92	....	2.91	....	2.76	....	2.66	....	3.76	....	4.41	....	1.86	....	4.25	....	6.61	....	5.19	....	52.55	....
Brinkley	17.38	+12.19	2.41	-1.79	2.37	-2.92	2.53	-2.93	2.66	-2.73	3.75	+0.02	0.77	-3.51	4.78	+1.11	4.69	+0.71	4.78	+1.26	5.18	+1.22	4.12	-0.99	55.44	+1.66
Calico Rock	8.51	+4.04	2.09	-0.67	2.15	-1.89	2.81	-1.55	3.88	-0.77	2.48	-1.10	5.34	+2.40	3.04	-1.32	4.21	+0.84	3.56	+0.67	2.84	-0.67	3.19	-0.39	44.10	-0.41
Camden	11.78	+7.04	2.22	-1.63	4.03	-0.60	2.15	-2.63	1.71	-3.01	3.42	-0.79	8.16	+4.15	2.80	-0.48	5.31	+2.10	5.65	+2.66	8.91	+4.97	7.92	+2.75	64.06	+14.53
Carthage	16.55	+11.67	2.52	1.14	2.69	-2.01	2.36	-2.78	2.08	-2.60	8.21	+4.11	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clarendon	14.04	+9.40	2.86	-1.06	2.44	-2.50	2.69	-2.62	3.07	-1.49	4.54	+0.95	3.12	-0.47	1.74	-1.94	3.55	+0.11	5.14	+1.90	4.83	+0.98	3.54	-1.51	51.56	+1.75
Clinton	10.80	+6.23	1.77	-1.20	3.07	-1.49	3.68	-0.78	4.26	-0.57	3.78	+0.09	4.08	+1.51	3.95	-0.63	3.55	-0.13	5.08	+0.73	3.63	+0.19	3.34	-0.65	50.99	+3.30
Conway	14.81	+10.10	2.04	-1.42	2.47	-1.81	3.27	-1.78	5.14	+0.08	3.57	-0.31	2.46	-1.08	3.36	-0.20	5.22	+1.75	6.83	+3.41	5.38	+1.78	4.12	-0.12	58.67	+10.40
Cornerstone ‡‡	15.34	+10.21	2.13	-1.66	2.60	-2.11	2.35	-2.16	2.45	-1.65	3.88	-0.07	0.46	-3.54	4.40	+1.63	2.37	-1.22	5.69	+2.35	5.35	+1.72	3.37	-2.23	50.39	+1.27
Corning	13.23	+8.50	1.53	-1.82	2.24	-2.12	3.06	-2.04	2.74	-1.99	9.55	+5.48	6.75	+3.35	0.22	-4.07	5.73	+2.09	5.06	+1.68	2.85	-0.91	3.99	+0.12	56.95	+8.27
Cotter	7.41	+4.05	1.64	-1.01	1.79	-1.34	4.67	+0.86	6.27	+1.38	6.48	+1.53	4.36	+1.26	2.88	-0.54	2.42	-0.99	5.39	+1.44	2.49	+0.16	3.35	+0.05	49.15	+6.85
Crossett	16.03	+11.25	2.48	-1.26	5.44	+0.30	1.40	-4.29	1.28	-3.37	2.20	-1.72	4.05	-0.40	2.78	-0.54	1.46	-1.16	5.23	+1.73	4.84	+0.96	9.03	+2.97	56.22	+4.47
Danville	9.46	+5.52	1.37	-1.41	3.81	+0.07	2.48	-1.89	4.20	-1.59	2.83	-1.46	3.28	-0.18	2.50	-1.54	3.00	-0.39	4.48	+0.64	6.24	+3.17	3.23	-0.26	46.88	+0.68
Dardanelle	9.42	+5.80	1.24	-1.64	3.11	-0.87	3.11	-1.04	4.10	-1.09	3.52	-0.16	4.09	+1.00	3.57	-0.06	5.29	+2.00	4.20	+0.80	3.94	+0.63	3.97	+0.40	49.56	+5.77
De Queen	7.89	....	1.79	....	5.12	....	4.62	....	4.23	....	3.13	....	3.17	....	12.69	....	5.85	....	3.31	....	3.99	....	5.88	....	61.67	....
Devils Knob	....	....	....	....	....	....	....	....	....	....	....	....	4.56	....	1.69	....	4.97	....	2.33	....	4.63	....	3.75	....	....	....
Dumas	10.43	+5.41	3.49	-1.12	3.02	-2.74	3.21	-1.59	2.33	-1.14	5.50	+1.69	2.18	-2.43	6.25	+2.66	2.85	-0.04	7.30	+4.08	5.28	+1.08	5.60	-0.69	52.44	+0.17
Dutton	7.13	+3.35	1.04	-1.83	....	....	....	....	5.60	-0.21	4.30	-1.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....
El Dorado	13.65	+8.92	2.87	-0.73	5.79	+0.83	2.32	-2.91	3.08	-0.40	3.94	+0.25	3.75	-0.29	4.59	+1.59	3.51	+0.36	6.94	+3.62	7.64	+3.58	8.86	+2.65	66.94	+17.47
England	17.16	+12.26	2.50	-1.30	2.54	-2.30	1.72	-3.85	3.10	-1.39	4.73	+0.90	1.28	-2.01	2.44	-1.20	2.30	-1.47	5.14	+2.01	5.99	+2.20	5.39	+0.45	54.29	+4.30
Eureka Springs	7.65	+4.45	1.42	-1.04	3.19	-0.79	4.31	-0.61	4.44	-1.15	7.23	+1.85	5.26	+0.96	1.98	-2.99	6.95	+2.73	2.30	-1.41	2.67	-0.43	4.26	+1.46	51.66	+3.03
Fayetteville	6.76	+3.76	0.94	-1.26	2.49	-1.21	3.76	-0.84	3.17	-2.12	2.66	-2.08	4.51	+0.60	5.75	+1.71	3.77	+0.22	1.30	-2.40	3.06	+0.19	4.26	+1.56	42.43	-1.87
Fordyce	15.88	....	2.49	....	3.22	....	2.32	....	2.55	....	7.44	....	5.05	....	3.59	....	3.70	....	6.31	....	7.92	....	6.29	....	66.76	....
Fort Smith	4.41	+1.87	0.89	-1.67	2.37	-0.64	2.88	-1.06	3.86	-0.96	3.32	-0.40	3.24	-0.13	1.27	-2.01	6.02	+3.03	2.39	-0.60	3.98	+1.11	3.15	+0.39	37.78	-1.07
Fulton	14.01	+9.38	2.86	-0.57	5.18	+0.84	3.47	-1.20	2.50	-2.15	5.51	+1.35	2.57	-1.18	6.74	+3.54	0.66	-1.99	4.23	+1.37	8.81	+5.31	6.05	+1.83	62.59	+16.53
Georgetown	18.87	+13.85	2.05	-1.63	2.36	-2.33	2.77	-2.44	3.03	-1.72	7.06	+2.57	1.39	-1.97	1.45	-2.26	5.12	+1.23	5.08	+1.69	4.26	+0.41	3.72	-0.73	57.10	+6.70
Gilbert	7.52	+3.71	1.20	-1.03	1.93	-0.79	4.01	-1.10	4.19	-0.25	6.49	+2.66	3.42	-0.07	3.43	-0.45	3.53	-0.80	4.83	+0.15	2.41	+0.06	3.41	+0.08	46.37	+2.17
Glenwood	13.08	....	2.40	....	4.16	....	2.98	....	5.94	....	5.40	....	5.88	....	2.63	....	2.22	....	4.37	....	7.77	....	5.03	....	61.86	....
Grannis	10.53	+5.73	1.87	-2.39	4.10	-0.84	3.73	-2.57	5.74	-0.69	5.95	+0.93	3.91	-2.34	7.80	+4.16	4.77	-0.05	3.20	-1.02	5.72	+1.60	6.33	+1.45	63.65	+3.97
Gravette	7.00	+4.22	2.12	+0.23	3.07	-0.55	3.30	-1.26	3.54	-1.88	5.43	-0.12	7.95	+3.78	2.51	-1.62	11.32	+7.61	2.36	-1.37	1.54	-1.62	2.51	+0.10	52.65	+7.52
Green Mountain	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.50	....	4.95	....	3.88	....	2.76	....	3.01	....	....	....
Harrison	8.94	+5.77	1.77	-0.73	1.56	-2.03	4.23	-0.71	4.71	-0.50	7.90	+3.50	3.16	-0.95	0.92	-3.11	4.67	+0.64	2.98	-0.15	2.35	-0.46	2.99	+0.13	46.18	+1.40
Heber Springs	11.46	....	2.42	....	2.47	....	2.43	....	4.10	....	3.99	....	3.48	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	17.25	+12.09	2.45	-1.44	2.15	-3.56	2.64	-2.46	3.59	-0.80	3.58	+0.22	5.57	+1.87	4.37	+0.55	4.63	+1.55	5.86	+2.88	5.33	+0.89	3.22	-2.21	60.94	+9.58
Higden	13.42	+8.84	2.74	+0.06	3.02	-1.24	2.33	-2.57	5.05	-0.27	6.51	+2.54	5.50	+2.05	1.60	-2.79	*3.55*	-0.14	*5.08*	+1.63	*3.63*	-0.93	3.61	-0.28	56.04	+6.90
Highland	10.75	+6.17	2.64	-0.73	*3.86*	-0.51	2.47	-1.67	4.79	-0.33	6.95	+2.85	0.44	-3.42	4.57	+0.79	1.04	-2.16	0.98	-2.19	4.23	+0.71	11.35	+7.09	54.07	+6.60
Hope	13.04	+8.21	2.92	-0.90	4.91	+0.23	2.39	-2.60	2.78	-2.42	5.46	+1.94	1.70	-2.66	3.83	+0.86	3.35	-0.06	3.92	+1.01	6.34	+2.58	5.85	+1.08	56.49	+7.30
Hot Springs	15.10	+10.24	2.79	-0.72	4.08	-0.35	3.40	-2.59	5.04	-0.97	8.65	+4.09	4.86	+0.26	4.31	+0.49	4.55	+1.05	3.98	+0.55	7.06	+3.16	3.67	-1.00	67.49	+14.12
Index ‡‡	11.28	+7.64	2.35	-0.46	4.11	+0.07	3.68	-0.50	3.45	-0.97	3.15	+0.27	2.20	-1.14	7.50	+4.21	2.27	-0.51	3.15	+0.25	9.22	+6.32	6.70	+2.99	59.06	+18.17
Jessieville	13.61	+7.45	1.84	-1.12	3.95	-0.36	4.25	-1.41	6.35	+0.31	3.90	-0.24	2.40	-1.04	4.30	+0.78	3.85	+0.69	2.95	-0.71	7.20	+2.87	4.33	-0.25	58.93	+6.97
Jonesboro	18.95	+13.93	2.18	-1.46	1.79	-2.77	4.04	-0.75	3.19	-1.00	5.73	+1.79	4.16	+0.87	1.43	-2.29	10.16	+6.75	7.09	+3.65	3.68	+0.29	3.95	-0.68	66.35	+18.31
Judsonia	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.16	....	3.94	....	....	....
Lead Hill	7.84	+5.13	1.64	0.60	1.06	-2.58	3.44	-0.50	3.41	-1.42	4.98	-0.27	2.99	-0.46	0.93	-3.31	3.54	+0.48	2.54	-0.60	2.02	-0.74	3.80	+1.11	38.19	-3.76
LITTLE ROCK	18.04	+13.31	2.00	-1.84	2.22	-2.40	1.90	-3.29	2.78	-2.00	1.66	-2.10	1.62	-1.88	4.68	+0.93	5.75	+2.58	5.00	+2.29	3.74	-0.45	3.57	-0.57	52.96	+4.58
Little Rock Airway	....	....	2.12	....	2.50	....	1.87	....	3.05	....	3.39	....	1.32	....	3.80	....	5.41	....	5.04	....	4.62	....	3.87	....	....	....
Lutherville ‡‡	13.31	+9.38	0.76	-2.22	3.31	-0.70	3.18	-1.66	6.71	+1.44	3.25	-1.25	3.84	+0.09	3.32	-0.53	9.88	+5.97	3.83	-0.17	3.97	+0.56	4.10	+0.16	59.46	+10.97
Madison	16.39	....	2.04	....	2.72	....	2.17	....	2.75	....	5.13	....	4.32	....	2.25	....	3.35	....	6.03	....	5.18	....	4.40	....	56.73	....
Magnolia	10.44	+5.88	1.84	-1.95	3.52	-0.94	2.21	-2.63	1.45	-3.02	2.89	-0.93	7.00	+3.54	4.97	+1.93	3.24	+0.81	3.04	+0.19	7.68	+3.65	9.17	+3.88	57.45	+10.41
Mammoth Spring	8.62	+5.16	1.73	-1.21	1.86	-1.80	3.07	-1.79	2.90	-1.69	6.50	+2.18	6.30	+2.48	1.84	-2.43	3.95	+0.42	4.05	+0.72	3.60	+0.33	3.10	-0.28	47.52	+2.09
Marianna	15.01	+10.12	2.25	-1.69	2.68	-1.99	2.05	-2.50	2.58	-1.70	2.74	-0.73	5.45	+1.98	5.39	+2.13	2.74	-0.77	5.75	+2.50	3.95	+0.45	2.83	-1.96	53.42	+5.84
Marked Tree	20.78	+15.09	2.20	-1.62	2.26	-2.63	3.02	-1.96	2.37	-2.33	4.57	+1.35	3.74	+0.24	1.95	-1.68	3.69	+0.73	6.22	+2.27	4.32	+0.17	3.34	-1.30	58.46	+8.33
Mena	9.45	+5.51	1.95	-1.37	3.27	-0.96	4.26	-1.45	4.18	-2.06	5.73	+0.73	3.98	+0.18	2.72	-1.62	5.19	+1.27	4.00	-0.08	4.71	+1.09	4.02	+0.05	53.46	+1.29
Monticello Airway	....	....	....	....	....	....	....	....	3.19	....	7.76	....	4.21	....	5.14	....	1.70	....	5.02	....	6.59	....	6.52	....	....	....
Monticello	8.86	....	2.21	....	3.08	....	1.30	....	2.50	....	7.16	....	2.02		6.15	....	1.67	....	3.39	....	6.22	....	7.02	....	51.58	....
Montongo	10.69	....	2.50	....	3.10	....	2.11	....	2.31	....	6.08	....	4.50	....	3.42	....	3.63	....	5.33	....	6.42	....	6.96	....	57.05	....
Morrilton	9.56	+5.70	1.63	-1.11	2.60	-1.08	3.00	-1.22	5.13	+0.22	4.57	+0.77	1.51	-1.19	0.50	-3.10	4.36	+1.37	4.47	+1.09	4.94	+1.66	3.56	-0.32	45.83	+2.79
Mountainburg	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.06	....	3.58	....	....	....
Mountain Home	7.81	+4.48	1.45	-1.30	0.73	-2.78	4.52	-0.17	3.78	-1.23	5.78	+1.34	2.33	-1.51	1.67	-2.61	2.76	-1.54	4.98	+1.14	2.70	-0.07	3.08	-0.28	41.65	-4.53
Mount Ida	12.90	+8.56	2.04	-1.50	4.50	+0.34	4.18	-1.71	4.54	-1.39	3.98	-0.31	3.72	-0.01	2.89	-0.61	4.13	+0.01	4.70	+1.02	5.80	+1.37	5.07	+0.97	59.45	+7.74
Mount Petit Jean	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.78	....	....	....
Newport	16.59	+11.35	2.22	-1.02	1.84	-2.58	3.27	-1.71	3.25	-1.11	4.16	+0.24	1.25	-1.84	1.73	-2.19	6.13	+2.40	5.11	+1.58	4.12	+0.48	4.18	-0.03	53.85	+5.57
Norman	11.75	....	1.83	....	4.75	....	3.61	....	5.52	....	2.76	....	2.85	....	3.69	....	3.77	....	4.49	....	5.60	....	4.66	....	55.28	....
Oden	8.15	....	1.60	....	4.64	....	2.87	....	4.31	....	1.76	....	5.22	....	1.60	....	3.58	....	2.65	....	4.52	....	4.08	....	44.98	....
Okay	10.48	....	2.93	....	3.99	....	3.06	....	3.49	....	7.69	....	2.26	....	9.23		0.60	....	3.76	....	6.97	....	7.18	....	61.64	....
Ozark	5.79	+2.89	1.60	-0.77	2.62	-0.54	3.45	-0.63	4.62	-0.17	3.08	-0.95	4.03	+1.01	1.50	-2.23	4.49	+1.68	1.80	-1.39	2.51	-0.28	2.49	-0.52	37.98	-1.90
Paragould	19.11	+13.83	1.81	-1.92	2.05	-3.73	4.59	-0.13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Parkin	16.56	....	1.48	....	2.79	....	5.63	....	2.34	....	7.85	....	1.42		1.88	....	3.86	....	6.47	....	4.69	....	2.84	....	57.81	....
Patterson	17.87	+12.55	1.94	-2.04	2.99	-1.87	3.40	-1.82	2.30	-2.76	9.52	+5.06	3.30	-0.23	2.52	-1.01	3.58	+0.38	*5.22*	+1.70	*4.82*	+0.41	*3.67*	-0.99	61.13	+9.38
Pine Bluff	15.50	+10.31	2.26	-1.65	2.17	-3.00	2.03	-3.48	2.14	-2.53	5.13	+1.21	1.28	-2.31	2.66	-0.77	4.84	+1.23	5.92	+2.62	5.91	+1.91	4.47	-1.09	54.28	+2.45
Pine Ridge	10.04	+5.44	1.70	-1.84	3.30	-1.45	3.71	-1.75	5.05	-0.22	3.57	-0.92	6.12	+2.49	*1.60*	-0.78	*3.58*	+0.61	3.08	-1.60	4.74	+0.49	4.54	+0.09	51.03	+0.56
Plantersville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6.92	....	5.83	....	....	....
Pocahontas	11.51	+6.96	2.74	-0.60	2.41	-1.95	3.03	-1.82	2.56	-2.32	6.66	+2.30	3.79	-0.32	0.70	-4.15	4.04	+0.36	7.29	+3.85	4.50	+0.99	4.56	+0.53	53.79	+3.83
Portland	12.10	+7.41	2.78	-1.39	4.08	-1.79	1.89	-2.84	1.35	-4.00	4.36	+0.89	4.98	+0.88	4.26	+1.05	1.48	-1.01	9.05	+6.20	4.33	+0.40	6.38	+0.21	57.04	+6.71
Prescott	14.76	+10.02	3.11	-0.59	3.98	-0.52	2.18	-2.74	2.12	-2.93	4.20	-0.05	6.81	+2.82	3.60	+0.29	2.16	-1.19	4.20	+1.10	7.32	+3.69	6.37	+1.82	60.81	+11.72
Rock Springs	13.70	....	2.53	....	2.10	....	2.92	....	2.22	....	4.74	....	2.62	....	5.57	....	2.60	....	3.50	....	6.14	....	6.42	....	56.06	....
Rogers (near)	6.03	+3.37	0.62	-1.25	3.30	-0.10	3.50	-0.94	2.74	-2.32	3.29	-1.83	7.55	+3.11	5.31	+1.41	11.12	+7.33	2.20	-1.03	2.22	-0.70	3.70	+1.36	51.58	+8.41
Rosebud ‡‡	13.98	....	2.09	....	2.64	....	2.90	....	3.39	....	4.38	....	2.41	....	4.08	....	2.70	....	4.57	....	4.44	....	3.83	....	51.41	....
Russellville	9.94	+6.49	1.83	-1.45	3.50	-1.38	2.80	-1.20	5.89	+0.30	4.01	-0.07	3.42	-0.85	3.13	-0.30	6.77	+2.72	2.91	+0.15	3.12	-0.83	3.61	+0.60	50.93	+4.18
St. Charles	17.71	....	2.55	....	2.20	....	2.71	....	3.75	....	2.04	....	4.46	....	3.86	....	3.22	....	6.22	....	5.78	....	3.15	....	57.65	....
St. Francis	16.14	+10.09	1.59	-1.84	2.61	-2.79	6.23	+2.17	2.36	-1.59	8.32	+4.34	9.77	+5.45	1.10	-3.14	8.41	+3.45	6.01	+1.99	3.73	-0.05	5.63	+1.26	71.90	+19.25
Searcy	17.29	+12.50	2.04	-1.29	2.85	-1.21	4.39	+0.06	4.07	-0.42	6.61	+2.61	2.45	-0.46	4.52	+0.47	3.43	0.00	6.85	+3.71	3.94	+0.06	3.55	-0.69	61.94	+15.34
Springbank	10.55	+6.54	2.87	-0.53	5.17	+0.78	3.18	-2.07	1.33	-3.20	4.45	+0.79	4.43	+0.23	4.54	+1.44	2.98	+0.01	4.58	+1.91	9.28	+5.47	9.82	+4.90	63.18	+16.27
Story	8.82	+4.80	1.98	-1.48	4.51	+0.23	3.27	-2.89	4.61	-0.46	3.23	-0.40	2.64	-0.96	3.94	+1.10	4.17	+1.23	4.39	+0.54	5.64	+1.68	3.97	-1.12	51.17	+2.27
Stuttgart	15.86	+10.82	3.23	-0.75	2.89	-2.10	3.03	-2.04	6.43	+1.58	3.68	-0.07	0.70	-2.74	5.29	+1.90	4.21	+0.71	5.19	+1.74	5.29	+1.47	4.07	-1.05	59.87	+9.47
Stuttgart (Evap.)	16.20	....	2.55	....	2.58	....	3.14	....	5.66	....	4.69	....	1.21	....	1.92	....	4.95	....	4.84	....	4.59	....	3.55	....	55.88	....
Subiaco	6.39	+2.78	1.20	-1.65	3.09	-0.64	2.75	-1.83	4.25	-1.02	4.89	+0.86	3.08	-0.29	3.36	-0.43	3.35	-0.08	4.80	+1.34	5.56	+2.47	2.61	-0.66	45.33	+0.85
Texarkana	14.97	+10.89	3.69	+0.31	4.70	+0.44	3.99	-0.97	3.42	-1.18	5.66	+1.80	3.21	-0.95	7.24	+3.62	0.32	-2.42	3.92	+0.49	9.19	+5.77	8.96	+4.61	69.27	+22.41
Thornburg	11.29	+6.89	0.22	-3.20	3.03	-0.83	2.07	-3.19	6.47	+0.73	4.16	-0.74	1.24	-3.01	3.31	-0.74	8.60	+5.10	3.84	+0.34	6.07	+2.47	3.97	-0.01	54.27	+3.82
Turnpike	10.11	+5.55	1.77	-1.25	2.26	-2.23	4.33	-0.93	4.66	-1.06	4.82	-0.08	2.38	-1.35	3.09	-0.94	2.35	-2.80	4.82	-0.49	4.39	+0.58	4.15	-0.10	49.13	-5.10

Monthly and Annual Precipitation for the Year 1937, with Departures from the Normal, continued

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Underwood	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	5.47	......	6.74	......	....	......
Waldron	8.65	+4.82	....	......	4.35	+0.08	5.34	−0.42	....	......	....	......	....	......	....	......	....	......	....	......	....	......	2.88	−0.75	....	......
Warren	*12.25*	+7.43	*3.04*	−1.21	*4.40*	−0.79	2.39	−2.78	1.75	−2.95	9.12	+5.40	5.07	+1.30	3.96	+0.43	2.72	−1.32	6.45	+2.92	9.44	+5.41	8.06	+2.13	68.65	+15.97
Whitecliffs	10.44	+6.54	2.35	−0.80	3.92	−0.27	2.60	−2.44	3.05	−1.33	4.40	+0.84	1.45	−1.60	5.30	+2.63	0.76	−1.83	3.11	+0.04	8.11	+5.08	6.87	+2.85	52.36	+ 9.71
White Rock	....	......	....	......	....	......	....	......	....	......	....	......	....	......	3 95	......	5.11		4 62	......	....	......	....	......	....	......
Wilson	17.38	+11.71	1.02	−2.13	1.90	−3.51	3.20	−2.09	2.18	−2.82	3.02	−0 29	4.24	+0.22	2.07	−1.85	5.05	+2.89	5.32	+2.01	3.11	−1.03	2.80	−2.22	51.29	+ 0.89
Wynne	17.29	+12.13	2.22	−1.46	2.65	−2.20	3.91	−1.31	2.34	−2.38	7.03	+3.13	2.13	−1 59	3.61	−0.10	4.44	+0.93	5.46	+1.77	4.05	+0.14	2.75	−2.10	57.88	+ 6.96
Yancopin	11.43	+6.44	3.12	−1.10	3.26	−2.33	3.92	+0.17	2.68	−1.96	4.72	+1.34	2.59	−1.00	3.26	+0.40	3.15	+0.42	6 36	+3.24	5.50	+0.03	5.00	−1.55	54.99	+ 4.10

Amounts in italics are estimated.

Precipitation for Year, 1937



Monthly and Annual Mean Temperatures for the Year 1937, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	....	....	....	....	....	....	....	....	....	....	78.7[b]	....	80.0	....	81.8	....	72.0	....	60.4	....	47.2	....	43.4[a]	....	....	....
Amity	42.6	− 0.8	45.2	+ 0.4	49.6	− 4.4	60.6	− 1.2	70.5	+ 1.3	78.2	+ 0.8	79.6	− 1.4	82.4[a]	+ 1.7	72.8[a]	− 2.0	60.2	− 3.2	48.0	− 4.2	43.2	+ 0.3	61.1	− 1.0
Batesville (Airway)	38.4	0.0	41.3[a]	+ 0.5	47.0	− 3.2	59.5	+ 0.7	70.3	+ 3.3	77.6	+ 2.2	79.6	− 0.2	83.4	+ 4.4	72.5	− 0.1	59.8	− 0.8	47.4	− 1.8	39.8	− 0.2	59.7	+ 0.4
Bee Branch	*40.1*	− 0.9	*43.1*	+ 0.3	48.0	− 3.8	60.8	− 0.2	70.0	+ 1.7	78.4	+ 1.5	79.8	− 0.8	82.2	+ 2.5	72.2	− 2.0	60.6	− 1.9	47.2	− 3.6	40.6	− 1.4	60.2	− 0.8
Benton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	73.6	....	60.6	....	48.8	....	43.8	....	....	....
Bentonville	33.1	− 3.1	38.4	− 1.2	44.3	− 4.1	57.6	0.0	67.6	+ 2.6	76.2	+ 2.8	78.6	+ 1.2	80.4	+ 3.6	70.1	− 0.7	58.3	− 0.6	43.8	− 4.4	37.0	+ 1.0	57.1	− 0.4
Blytheville	41.2[a]	− 0.8	40.3[d]	− 4.9	46.0	− 5.6	60.6	− 1.0	70.7	+ 0.5	78.0	+ 0.2	78.6[b]	− 3.4	81.5	+ 1.9	71.8	− 2.6	59.2	− 4.2	46.1	− 5.3	37.9[d]	− 4.7	59.3	− 2.5
Booneville	39.6	− 2.2	43.4	− 2.8	49.4	− 3.8	62.2	0.0	70.5	+ 0.7	78.8	+ 2.6	82.7	+ 0.7	84.2	+ 2.1	73.6	− 2.0	61.7	− 2.3	48.6	− 4.0	43.3	− 0.5	61.5	− 1.0
Brinkley	44.8	+ 2.4	44.1	− 0.1	47.8	− 5.5	59.0	− 3.0	70.6	+ 0.6	*80.3*	+ 2.5	*80.4*	− 0.7	*82.9*	+ 2.5	73.1	− 1.7	*65.1*	+ 2.5	48.7	− 3.2	43.4	+ 0.4	61.7	− 0.3
Calico Rock	40.0	+ 3.0	43.0	+ 1.4	48.2	0.0	62.4	+ 3.5	72.2	+ 5.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Camden	48.2[d]	+ 4.2	51.6	+ 4.4	53.2	− 1.8	65.3	+ 1.9	73.8	+ 3.0	80.5	+ 2.1	81.8	+ 0.6	82.8[a]	+ 2.2	75.1	− 0.4	62.2	− 1.7	51.9	− 0.3	47.0	+ 2.0	64.4	+ 1.3
Carthage	44.6	− 0.2	46.6	+ 1.8	49.8	− 7.2	61.6	− 0.4	71.0	+ 2.5	78.6	+ 1.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Conway	41.0	− 1.2	45.5	+ 1.1	49.5	− 4.3	62.9	+ 0.8	71.7	+ 1.7	80.1	+ 1.8	81.8	− 0.2	84.6	+ 3.0	73.6	− 1.7	59.6	− 3.9	48.2	− 3.7	42.2	− 0.6	61.7	− 0.6
Cornerstone	45.2	+ 0.6	44.8	+ 0.6	48.2	− 5.1	60.6	− 2.3	70.5	− 0.8	77.8	− 0.3	79.0	− 2.0	81.0	+ 0.3	72.7	− 2.4	60.6	− 2.4	49.2	− 3.5	44.1	− 0.2	61.1	− 1.5
Corning	38.3	+ 0.1	39.5	− 0.5	45.4	− 5.3	59.4	− 0.6	69.7	+ 1.7	76.4	+ 0.4	78.2	− 1.6	82.0	+ 3.5	71.0	− 1.6	58.0	− 2.0	46.1	− 2.5	37.4	− 2.5	58.4	− 1.0
Crossett	51.0	+ 4.8	49.8	+ 0.4	51.4	− 4.0	63.8	− 1.0	72.1	+ 0.3	80.1	+ 0.7	81.1	− 1.3	81.6	− 0.4	74.4	− 1.1	62.8	− 3.0	50.8	− 3.2	46.3	− 0.3	63.7	− 0.7
Dardanelle	40.6	− 0.8	45.7	+ 0.9	50.0	− 2.8	63.6	+ 1.3	72.6	+ 2.8	80.6	+ 2.4	82.2	+ 0.2	84.4	+ 3.6	74.3	− 0.9	62.1	− 1.3	50.6	− 1.3	42.9	+ 0.5	62.5	+ 0.4
De Queen	44.5	....	47.6	....	51.5	....	63.4	....	72.2	....	79.8	....	81.2	....	83.3	....	75.4	....	63.2	....	50.8	....	46.2	....	63.3	....
Devils Knob	....	....	....	....	....	....	....	....	....	....	....	....	....	....	79.7	....	69.2[i]	....	60.6	....	44.5	....	38.9[i]	....	....	....
Dumas	48.0	+ 3.1	46.2	− 2.8	49.8	− 5.5	62.4	− 1.2	74.0	+ 2.8	*80.0*	+ 0.6	83.0	+ 0.7	84.0	+ 2.5	75.7	− 0.4	63.6	− 1.6	51.2	− 2.5	46.4	− 0.2	63.7	− 0.4
Dutton	36.2	+ 0.2	39.2	+ 0.4	....	....	....	....	64.4	+ 1.2	72.8	+ 1.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
El Dorado	49.7	+ 3.3	49.3	+ 0.3	52.8	− 3.4	65.5	+ 0.7	74.2	+ 2.8	81.4	+ 1.8	82.9	+ 0.5	83.2	+ 1.0	76.8	− 0.4	64.2	− 1.8	51.8	− 3.4	47.6	+ 0.8	65.0	+ 0.2
England	44.6	+ 1.2	44.7[c]	− 2.1	49.8[a]	− 4.6	63.6[a]	+ 0.8	72.2	+ 2.4	79.5	+ 1.5	80.7[a]	− 0.9	82.6	+ 1.8	74.2[a]	− 1.2	62.0[a]	− 2.0	49.2	− 4.0	44.2[b]	+ 0.2	62.3	− 0.5
Eureka Springs	35.2	− 3.4	39.2	− 2.0	45.0	− 5.1	58.6	− 0.4	67.6	+ 1.2	75.4	+ 1.0	78.4	− 0.2	81.2	+ 2.8	70.6	− 1.4	59.8	− 1.0	45.0	− 5.9	37.9	− 1.9	57.8	− 1.4
Fayetteville	36.5	− 1.9	40.2	− 0.2	45.4	− 4.1	58.6	+ 0.2	68.1	+ 1.9	76.9	+ 2.5	79.4	− 1.0	80.4	+ 2.2	70.8	− 1.3	59.6	− 1.2	43.4	− 6.1	38.4	− 1.6	58.1	− 0.8
Fordyce	46.2	....	48.4	....	51.0	....	64.4	....	73.8	....	81.2	....	82.0[b]	....	83.2	....	75.8	....	62.1	....	50.9	....	*47.0*	....	63.8	....
Fort Smith	37.7	− 1.8	43.4	+ 0.6	48.6	− 4.0	61.6	− 0.2	71.4	+ 1.8	80.6	+ 3.1	83.0	+ 1.5	84.6	+ 4.1	74.6	+ 0.6	62.3	− 0.5	48.6	− 2.4	41.7	− 0.4	61.5	+ 0.2
Gilbert	36.5	....	39.1[a]	....	43.0	....	56.0	....	65.2	....	74.4	....	76.8	....	78.8	....	68.8	....	56.2	....	44.0	....	39.4	....	56.5	....
Grannis	42.0	0.0	44.8	− 0.8	48.7	− 2.7	60.5	+ 0.1	68.8	+ 1.8	75.8	+ 0.4	77.5	− 1.9	81.6	+ 2.2	70.3	− 3.3	58.4	− 4.3	47.1	− 3.9	42.8	− 1.8	59.9	− 1.1
Gravette	32.4[a]	− 4.7	36.0	− 3.1	42.8	− 3.2	54.4	− 2.8	67.2[b]	+ 1.8	78.7	+ 5.0	80.8	+ 3.0	82.0	+ 4.4	71.0	+ 0.2	58.6	− 1.1	45.0	− 4.0	36.8	− 1.4	57.1	− 0.5
Green Mountain	....	....	....	....	....	....	....	....	....	....	....	....	....	....	82.0	....	70.6	....	59.8	....	47.1[b]	....	38.0[c]	....	....	....
Harrison	36.1	− 0.8	39.3	+ 0.3	44.5	− 4.1	57.8	+ 0.3	68.0	+ 2.2	77.1	+ 3.7	79.4	+ 2.0	82.0	+ 5.0	70.6	+ 0.4	57.2	− 2.2	44.0	− 4.7	37.4	− 0.6	57.8	+ 0.1
Helena	46.6	+ 3.4	*45.1*	0.0	49.2	− 4.4	62.4	− 0.3	72.0	+ 1.2	79.1	+ 0.7	78.6	− 3.0	80.8	+ 0.2	73.2	− 2.2	62.8	− 0.8	53.8	− 1.2	46.0	+ 1.4	62.3	− 0.4
Highland	44.3	....	48.0	....	51.0	....	63.1	....	72.6	....	79.9	....	82.4	....	83.2	....	76.2	....	64.4	....	52.2	....	46.2	....	63.6	....
Hope	44.2	− 1.5	46.2	− 2.2	49.5	− 7.1	62.3	− 1.7	72.2	+ 1.2	79.5	+ 0.5	81.3	− 0.5	82.0	− 0.4	75.0	− 1.6	61.2	− 4.7	49.6	− 4.6	45.0	− 2.0	62.3	− 2.1
Hot Springs	42.8	− 0.8	47.4	+ 0.4	51.0	− 2.7	65.0	+ 2.2	73.4	+ 3.6	81.7	+ 3.5	82.8	+ 1.0	85.8	+ 4.2	75.0	− 0.7	63.0	− 1.4	49.6	− 3.2	44.2	+ 0.1	63.4	+ 0.5
Jonesboro	40.0	− 0.6	41.7	− 0.7	47.4	− 4.8	61.2	− 0.2	71.2	+ 1.7	78.3	+ 0.6	79.2	− 1.4	82.6	+ 2.5	71.6	− 2.9	59.6	− 3.0	47.6	− 3.6	39.2	− 2.2	60.0	− 1.2
Lead Hill	34.4	− 4.0	38.3	− 0.1	43.6	− 5.2	57.0	− 2.4	67.5	+ 0.1	76.4	+ 1.0	78.6	− 1.6	81.6	+ 2.8	69.8	− 2.4	57.7	− 3.1	42.2	− 6.2	35.6	− 4.2	56.9	− 2.1
LITTLE ROCK	41.8	+ 0.4	44.2	− 0.7	48.8	− 4.2	62.0	− 0.1	71.9	+ 1.6	79.7	+ 2.3	80.6	− 0.3	83.0	+ 3.2	73.5	− 0.6	61.0	− 2.6	48.7	− 8.4	43.0	+ 1.2	61.5	+ 0.5
Little Rock (Airway)	*42.0*	....	45.2	....	49.4	....	63.1	....	72.0	....	80.2	....	81.0	....	83.2	....	73.4	....	60.8	....	48.5	....	43.3	....	61.8	....
Lutherville	38.6	− 1.7	43.2	+ 0.8	47.4	− 4.2	61.0	+ 0.7	70.0	+ 2.0	78.4	+ 2.3	80.8	+ 0.7	83.7	+ 4.0	72.0	− 2.0	60.8	− 1.5	48.0	− 3.0	41.2	− 0.2	60.4	− 0.2
Magnolia	49.8[b]	+ 2.2	51.8[c]	+ 0.4	53.0	− 3.8	65.8	+ 1.2	74.8	+ 3.4	81.0	+ 1.6	81.6	− 1.0	82.4	− 0.1	75.5	− 1.1	63.6	− 3.3	53.6[c]	− 1.4	48.0	0.0	65.1	− 0.1
Mammoth Spring	38.4	+ 0.6	40.4	+ 0.1	46.4	− 3.4	59.1	− 0.1	69.2	+ 8.2	76.5	+ 2.1	78.6	0.0	81.6	+ 4.1	69.5	− 1.9	56.8	− 2.4	44.4	− 4.3	36.8	− 2.6	58.1	− 0.4
Marianna	47.2	+ 4.7	46.4	+ 0.6	51.2	− 2.8	64.6	+ 2.3	74.5[c]	+ 4.3	81.0	+ 2.4	79.6	− 1.6	81.4	+ 1.4	72.4	− 1.7	59.9[c]	− 3.6	49.0	− 3.3	43.1[b]	− 0.6	62.5	+ 0.1
Marked Tree	41.0	+ 1.5	40.6	− 3.0	46.6	− 3.8	61.1	− 0.1	71.5	+ 2.5	77.9	− 0.1	79.0	− 2.1	82.1	+ 2.9	71.5	− 2.1	58.5	− 2.7	46.7	− 2.5	39.7	− 1.5	59.7	− 0.9
Mena	40.6	− 1.0	44.4	+ 0.2	49.4	− 2.9	61.7	+ 0.2	70.4	+ 1.8	78.2	+ 1.6	80.5	+ 0.3	82.6	+ 2.7	73.2	− 0.8	61.8	− 1.2	48.8	− 3.9	43.6	+ 1.0	61.2	− 0.2
Monticello(Airway)	....	....	....	....	....	....	....	....	73.7	....	80.2	....	80.8	....	81.8	....	75.4	....	62.8	....	51.4	....	46.4	....	....	....
Morrilton	41.8	+ 0.5	45.4	0.0	49.4	− 1.4	62.2	0.0	70.8	+ 1.8	79.4	+ 0.8	81.4	− 1.5	83.7	+ 2.0	73.6	− 1.4	62.8	− 0.4	51.4	+ 0.5	45.1	+ 1.4	62.2	+ 0.1
Mountain Home	36.4	− 1.7	40.7[a]	− 1.6	45.4	− 4.6	58.0	− 0.9	68.3	+ 2.2	76.8	+ 1.8	79.2	0.0	82.2	+ 4.2	70.9	− 0.8	59.0[a]	− 1.5	44.6[b]	− 4.0	36.4	− 4.0	58.1	− 1.0
Mount Ida	40.4	− 1.0	43.8	− 1.8	47.2	− 5.0	60.6	− 0.6	68.2	+ 0.2	76.8	+ 0.8	79.0	− 1.0	80.4	+ 1.0	71.2	− 2.0	58.2	− 3.6	45.8	− 4.8	43.0	+ 0.2	59.6	− 1.4
Newport	41.0	+ 1.2	43.6	+ 1.6	48.4	− 3.9	62.6	+ 0.6	72.4	+ 2.6	78.6	+ 0.7	80.4	− 0.9	83.6	+ 3.6	72.4	− 1.8	59.9	− 2.1	48.2	− 2.8	40.2	− 2.0	60.9	− 0.3
Oden	....	....	....	....	....	....	....	....	....	....	....	....	....	....	81.6	....	72.5	....	....	....	47.2	....	43.4	....	....	....
Okay	44.8	....	49.8[a]	....	52.2	....	64.4	....	72.5	....	79.6	....	81.8	....	83.3	....	76.3	....	62.3[a]	....	51.4	....	47.4	....	63.8	....
Ozark	39.3	− 1.5	42.8	− 0.6	47.8	− 4.6	61.1	− 0.9	70.4	+ 0.8	79.0	+ 1.1	81.2	− 0.9	83.4	+ 1.7	73.2	− 2.5	61.4	− 2.1	46.4	− 5.0	41.2	0.0	60.6	− 1.2
Pine Bluff	45.4[a]	+ 1.5	47.0	+ 0.5	51.4	− 3.4	64.3	+ 0.7	73.0	+ 1.6	80.2	+ 1.0	81.4	− 1.0	83.6	+ 1.8	75.2	0.0	63.3	− 1.3	51.2	− 2.1	45.6	+ 0.5	63.5	0.0
Pocahontas	39.5	+ 0.6	41.4	− 0.2	46.2	− 4.8	60.2	0.0	71.0	+ 2.7	77.8	+ 1.2	79.0	− 1.4	83.0	+ 3.6	72.2	− 1.2	59.7	− 2.0	47.2	− 2.9	39.0	− 1.2	59.7	− 0.5
Portland	51.0	+ 4.0	48.4	− 1.3	51.6	− 5.1	64.6	0.0	73.0	+ 1.4	80.5	+ 1.1	80.4	− 1.4	80.5	− 0.9	73.2	− 3.1	61.8	− 3.1	51.0	− 3.3	46.8	− 0.8	63.6	− 1.0
Prescott	45.2	+ 0.6	49.4	+ 2.0	52.1	− 3.5	64.6	+ 1.1	73.7	+ 3.3	80.9	+ 2.1	82.2	+ 0.1	82.4	+ 0.8	76.2	0.0	63.8	− 1.1	51.6	− 2.6	47.0	+ 1.2	64.1	+ 0.3
Rogers	36.9	− 0.5	40.6	+ 1.1	46.0	− 3.0	59.9	+ 1.4	67.8	+ 2.0	75.8	+ 2.2	79.0	+ 1.4	79.5	+ 2.1	69.7	− 1.5	59.3	− 0.5	44.5	− 4.5	38.4	− 0.6	58.1	− 0.1
Russellville	40.8	+ 1.2	45.4	+ 5.5	49.6	− 2.7	62.7	− 1.7	72.0	+ 2.4	80.4	+ 2.8	82.4	+ 1.2	84.2	+ 4.3	73.6	+ 0.2	62.3	− 1.7	49.8	0.0	42.9	+ 2.4	62.2	+ 1.8
St. Charles	46.0	....	45.8	....	51.0	....	62.8	....	74.6[f]	....	81.3	....	....	....	81.8[b]	....	72.4	....	60.1	....	48.8	....	42.8	....	....	....
Searcy	41.0	+ 0.2	44.1	− 1.0	48.4	− 3.8	61.8	+ 0.1	71.8	+ 3.3	79.6	+ 2.3	80.7	− 0.3	83.4	+ 3.3	73.6	− 0.7	61.1	− 1.5	49.4	− 1.6	41.2	− 1.6	61.3	− 0.1
Stuttgart	44.2	+ 1.2	44.6	− 0.6	49.5	− 4.3	62.8	+ 0.4	72.7	+ 2.8	80.8	+ 2.8	81.1	− 0.1	83.5	+ 2.8	73.8	− 1.3	61.1	− 2.3	49.0	− 3.4	43.4	− 0.6	62.2	− 0.2
Stuttgart (Evap)	44.2	....	44.1	....	48.4	....	60.8	....	72.0[a]	....	79.6	....	80.1	....	82.2[b]	....	73.1	....	60.3	....	49.6[a]	....	43.6	....	61.5	....
Subiaco	40.0	− 1.7	44.7[c]	+ 0.9	50.0	− 3.0	63.1	+ 1.3	71.6	+ 1.7	80.6	+ 2.2	82.4	+ 0.4	84.2	+ 2.6	73.1	− 1.2	62.8	− 0.8	49.0	− 3.8	43.2	+ 0.5	62.0	− 0.1
Texarkana	45.7	− 0.6	49.8	+ 1.4	52.3	− 3.9	64.4	+ 0.2	73.4	+ 2.0	80.6	+ 1.5	81.5	− 1.0	83.9	+ 1.6	74.2	− 2.6	64.6	− 1.2	52.6	− 2.6	47.9	− 4.0	64.2	− 0.8
Thornburg	39.4	− 1.3	43.6	− 0.8	46.4[b]	− 5.3	60.5[a]	+ 0.3	68.2	+ 0.8	77.4	+ 2.0	80.8	+ 1.0	82.0	+ 2.8	70.9	− 1.7	58.8	− 2.9	46.7	− 4.1	41.7	+ 0.6	59.7	− 0.7
Turnpike	....	....	....	....	....	....	....	....	....	....	....	....	....	....	80.1	....	69.0	....	58.4	....	44.2	....	38.2	....	....	....
Warren	*49.3*	+ 3.9	*47.2*	0.0	*51.8*	− 4.2	64.6[d]	+ 1.0	73.5	+ 2.1	81.0	+ 1.7	81.7	− 0.7	82.5	+ 0.9	75.5	− 0.6	63.3	− 1.1	51.4	− 2.4	47.0	+ 1.8	64.1	+ 0.2
White Rock	....	....	....	....	....	....	....	....	....	....	....	....	....	....	73.6	....	65.6[a]	....	....	....	....	....	31.8[d]	....	....	....
Wilson	42.8	+ 1.1	42.7	− 2.5	48.2	− 3.9	61.6	+ 0.6	70.7	+ 1.3	78.0	+ 1.1	78.4	− 2.4	80.8	+ 2.2	71.0	− 2.8	59.8	− 3.0	47.8	− 2.7	43.1[c]	+ 1.3	60.4	− 0.8
Wynne	43.4	− 2.4	43.3	− 1.0	47.7	− 3.9	61.0	− 0.4	70.7	+ 1.4	77.6	− 0.2	78.2	− 2.9	81.0	+ 1.0	72.0	− 2.5	59.6	− 2.9	48.2	− 2.6	41.3	− 0.7	60.3	− 1.1

Departures from the normal temperatures are based on records of 10 years or more. Reference letters a b c appearing in the table indicate number days missing.

Monthly and Annual Evaporation, Mean temperature and Wind (miles per hour) for year 1937

Year	Data	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Hope	Evaporation	*1.643*	2.405	3.949	5.296	7.147	7.817	8.219	7.829	6.787	4.783	3.019	1.642	60.536
	Mean temperature	44.2	46.2	49.5	62.3	72.2	79.5	81.3	82.0	75.0	61.2	49.6	45.0	62.3
	Wind movement	1.9	2.2	2.4	2.5	1.7	1.4	1.6	1.1	1.1	1.8	1.9	1.8	1.8
Russellville	Evaporation	1.088	2.727	3.730	6.067	7.305	8.266	9.063	8.461	5.365	3.968	2.284	1.055	59.379
	Mean temperature	40.8	45.4	49.6	62.7	72.0	80.4	82.4	84.2	73.6	62.3	49.8	42.9	62.2
	Wind movement	1.7	2.7	2.2	3.0	1.9	1.7	1.9	1.4	1.1	1.5	1.9	1.5	1.9
Stuttgart	Evaporation	1.000	2.500	3.340	5.830	6.283	6.346	6.809	6.818	4.263	3.018	1.723	0.733	48.663
	Mean temperature	44.2	44.1	48.4	60.8	72.0	79.6	80.1	82.2	73.1	60.3	49.6	43.6	61.5
	Wind movement	3.4	4.7	3.6	4.1	2.2	1.9	2.0	1.8	1.6	1.5	1.7	2.0	2.5

Amounts in italics are estimated.

Monthly and Annual Evaporation, Mean temperature and Wind (miles per hour) at Stuttgart, Arkansas, from June, 1929 to December, 1937 inclusive.

Year	Data	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1929	Evaporation						7.70	8.89	8.62	5.02	4.37	1.99	1.14	
	Mean temperature						79.0	83.8	81.9	71.6	67.4	45.9	43.5	
	Wind movement						2.1	2.2	2.0	1.8	2.3	2.9	3.0	
1930	Evaporation	0.58^{5}	2.24^{4}	2.97^{2}	6.04^{1}	6.14^{4}	9.22	11.55	10.20	6.48	4.07^{1}	2.78	0.99	63.26
	Mean temperature	34.8	51.3	50.6	63.4	69.8	75.2	85.0	81.0	76.8	61.0	49.6	39.4	61.5
	Wind movement	3.4	3.2	3.9	3.1	3.0	2.3	2.0	2.0	2.1	2.0	3.0	2.0	2.7
1931	Evaporation	1.51	2.16	3.32	4.67	6.77	8.85	8.38	5.80	6.58	4.37	2.31	1.26^{4}	55.98
	Mean temperature	40.6	47.2	45.8	58.5	65.6	79.1	80.8	76.7	78.8	68.4	57.0	49.8	62.4
	Wind movement	2.0	2.8	4.4	2.7	3.0	2.0	2.3	1.9	2.0	2.0	2.8	2.7	2.4
1932	Evaporation	1.43^{6}	2.34^{3}	3.79^{2}	5.28^{2}	7.92	7.90^{1}	7.61^{2}	8.54	4.97^{2}	4.25	2.38	0.82^{3}	57.23
	Mean temperature	46.6	51.1	48.8	63.4	70.1	80.4	82.0	82.8	73.6	61.4	46.2	38.4	62.1
	Wind movement	3.4	3.1	4.2	3.4	2.8	2.3	2.0	1.8	1.9	2.7	3.5	2.9	2.8
1933	Evaporation	2.18^{1}	1.60^{1}	3.61^{1}	4.44	5.42^{4}	8.68	6.86^{1}	4.96^{3}	4.88	3.88^{1}	2.72^{1}	1.18^{7}	50.41
	Mean temperature	48.2	42.3	52.1	60.4	72.6	77.4	80.8	79.0	78.8	63.1	52.6	49.1	63.0
	Wind movement	3.7	3.5	4.1	3.5	3.0	1.6	2.0	1.0	1.6	2.0	2.6	3.2	2.6
1934	Evaporation	1.51^{2}	1.71^{2}	2.77^{2}	5.38	6.53^{2}	7.67^{3}	9.26^{1}	9.78^{1}	6.30^{1}	4.01^{1}	2.38^{6}	1.10^{4}	58.40
	Mean temperature	45.6	41.0	48.6	62.0	69.9	80.2	84.5	85.2	73.4	66.5	54.2	41.2	62.7
	Wind movement	2.9	3.1	4.0	3.1	1.7	1.7	1.6	1.3	2.6	1.3	2.6	2.7	2.4
1935	Evaporation	1.01^{8}	1.91	4.66^{1}	3.96^{1}	4.90^{1}	6.20	7.62	8.52	4.90^{1}	3.98	2.34	1.09^{1}	51.09
	Mean temperature	42.8	45.6	59.4	60.0	67.1	75.4	82.0	83.0	73.4	64.4	50.8	37.3	61.8
	Wind movement	2.8	3.5	4.9	2.9	2.4	2.3	1.0	1.2	1.3	2.1	2.4	2.4	2.4
1936	Evaporation	0.85	0.66	4.83	4.94	7.14	9.82	7.10	8.74	6.26	3.22	2.14	1.44	57.14
	Mean temperature	36.6	33.5	56.5	58.2	71.3	80.0	81.2	83.4	78.9	60.6	48.4	46.3	61.2
	Wind movement	2.9	3.4	4.0	3.5	2.0	2.4	2.1	1.8	2.0	1.8	2.6	2.3	2.6
1937	Evaporation	1.00^{1}	2.50	3.34	5.83^{1}	6.28^{3}	6.35	6.81	6.82^{2}	4.26^{1}	3.02^{2}	1.72^{3}	0.73^{4}	48.66
	Mean temperature	44.2	44.1	48.4	60.8	72.0	79.6	80.1	82.2	73.1	60.3	49.6	43.6	61.5
	Wind movement	3.4	4.7	3.6	4.1	2.2	2.0	1.9	1.8	1.6	1.5	1.7	2.0	.5

Observation taken at 7:00 a.m. NOTE:—The number to the right and above an evaporation reading indicates the number of days that month with no record.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1937

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.	
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest
Arkadelphia	26.0	8.9	15.5	11.2	5.0	7.7	12.6	6.1	8.8	11.2	5.0	7.2	16.6	4.2	8.3	11.1	3.9	5.5	5.5	3.3	3.8	4.2	3.2	3.5	7.6	3.6	4.5	7.0	3.7	5.2	12.3	3.8	7.7	12.8	4.4
ArkansasCity	47.2	7.1	28.4	53.8	48.1	51.9	48.2	25.4	34.3	25.2	18.9	21.5	36.5	25.4	31.8	25.2	19.7	22.0	20.1	11.0	15.4	12.2	4.5	6.8	7.9	0.8	5.2	7.0	-0.1	2.2	12.4	2.7	7.0	19.2	-1.8
Batesville	31.5	12.1	18.1	22.7	9.1	13.4	10.5	8.4	9.1	22.0	7.6	10.7	26.6	6.9	11.7	18.5	6.4	9.8	8.2	5.7	6.5	5.9	4.4	5.0	13.7	4.4	5.8	17.3	4.5	5.2	6.3	4.3	5.3	15.0	4.5
Big Lake Out	21.4	6.0	14.8	20.9	12.0	16.2	11.7	7.3	8.7	10.4	7.0	8.6	12.5	6.1	9.6	12.6	5.7	9.2	11.1	5.8	8.2	5.6	3.7	4.4	4.4	3.5	4.0	8.3	4.4	5.9	6.6	5.4	5.8	10.3	5.1
Black Rock	26.2	9.0	19.3	22.5	10.5	16.2	9.9	5.6	7.0	8.9	5.3	6.4	15.2	4.8	10.4	14.6	4.3	7.7	9.3	2.6	5.0	2.9	1.6	2.0	6.8	1.5	2.1	6.9	1.6	2.5	4.5	1.7	2.2	8.4	1.8
Boughton	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....		....		....	....	....	....	....	....	....	....	4.5	3.1	3.5	11.0	3.2	5.8	18.1	4.0
CalicoRock	27.4	5.7	10.5	15.0	3.1	6.8	4.6	2.8	3.6	16.5	2.2	5.1	21.8	1.9	5.7	11.9	1.6	4.6	3.2	1.0	1.7	1.6	-0.2	0.4	8.4	-0.2	1.1	1.1	-0.1	0.3	1.7	0.2	0.5	8.6	-0.1
Camden	41.5	10.9	29.8	32.2	9.2	17.8	22.6	11.4	17.1	16.9	6.7	10.6	23.7	4.9	12.4	13.6	4.6	6.8	5.3	3.8	4.4	4.8	3.9	4.1	8.0	3.9	4.8	7.9	4.0	5.2	23.9	4.2	13.3	29.5	5.3
Clarendon	35.7	13.7	27.4	35.1	29.0	32.2	28.7	20.2	23.7	22.0	17.7	19.0	26.7	20.9	24.8	22.6	14.6	19.0	19.9	12.7	14.3	2.2	7.8	9.2	12.9	7.5	9.5	16.0	8.5	11.9	14.3	9.8	12.0	23.2	9.2
Cotter	18.5	5.5	9.6	15.4	5.6	7.4	5.8	4.5	4.8	14.2	4.2	6.2	12.4	4.0	6.3	13.5	3.7	5.9	4.8	3.5	3.9	3.7	2.7	3.1	7.5	2.6	3.6	3.5	3.0	3.1	4.0	2.8	3.1	9.9	2.8
Danville	24.3	10.6	19.4	13.9	4.2	7.2	13.6	4.9	8.2	19.8	4.3	7.1	21.4	3.0	8.7	15.6	2.3	3.5	3.8	1.8	2.2	10.1	1.8	2.4	14.3	1.8	4.7	16.2	2.0	4.0	23.0	2.5	8.6	21.1	3.3
Dardanelle	19.4	8.4	12.5	18.8	7.2	10.2	10.9	6.0	7.3	13.9	5.9	8.1	10.4	4.4	6.9	15.8	6.1	12.4	12.0	3.3	5.8	6.6	2.7	4.3	12.9	3.9	6.4	5.2	2.6	3.5	8.1	2.2	3.9	10.9	2.2
Fort Smith	21.4	7.7	11.9	20.8	7.1	10.5	12.3	6.4	8.2	15.2	6.7	9.0	10.6	5.8	7.5	21.7	7.2	13.9	14.0	5.0	7.5	8.6	5.3	6.4	14.8	5.6	8.1	7.2	5.1	....	10.0	....	....	12.0	....
Van Buren	22.0	8.3	12.6	21.1	7.4	11.9	12.4	6.6	8.3	15.4	6.7	9.0	10.4	5.3	7.3	21.7	7.2	14.0	13.7	4.5	7.2	8.3	4.0	5.7	14.7	4.6	7.5	6.7	3.6	4.2	9.4	2.9	4.6	12.1	3.2
Fulton	22.4	12.7	18.6	19.4	8.1	11.4	16.2	8.4	12.9	20.4	8.8	13.1	14.1	6.8	10.0	20.9	6.1	11.9	8.8	5.4	6.5	18.2	4.6	7.2	10.8	6.6	8.7	12.1	4.8	7.3	14.9	5.1	9.3	17.3	5.4
Georgetown	30.3	13.5	23.7	26.9	20.0	23.0	19.8	11.1	13.9	18.7	9.5	12.1	22.2	8.8	18.0	17.7	6.1	11.8	8.5	4.6	6.4	4.0	1.0	2.1	7.5	1.0	3.1	10.4	1.6	4.5	6.6	1.4	3.7	16.8	1.8
Gilbert	14.1	5.2	6.9	6.5	3.9	4.8	4.5	4.0	4.2	10.6	4.0	5.0	16.4	3.3	5.1	4.3	3.2	3.5	3.8	2.8	3.1	2.8	2.5	2.6	3.3	2.5	2.8	3.7	2.8	3.1	5.2	2.7	3.3	7.7	2.8
Helena	55.8	12.5	37.0	60.3	51.9	57.9	50.8	26.8	34.3	29.1	20.4	23.7	45.2	25.3	37.5	25.0	21.0	23.2	24.7	14.2	18.7	12.8	8.0	10.0	11.2	2.6	7.5	11.3	2.4	5.5	17.3	5.2	10.0	24.7	1.0
Index	16.6	9.2	14.1	14.0	7.3	9.4	13.6	7.1	10.5	18.3	8.0	11.1	11.5	7.2	9.2	20.2	7.0	12.0	9.2	6.8	7.5	17.0	6.1	8.0	11.0	6.6	8.6	13.6	5.8	7.8	12.8	6.1	8.5	14.8	6.0
Judsonia		....	....	....	....	....	....		....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9.3	2.2	5.1	20.0	3.1
Little Rock	18.8	6.7	12.4	17.6	4.9	8.0	7.7	3.2	4.6	11.1	2.6	5.1	8.7	1.0	4.2	15.7	3.0	9.0	8.0	-0.3	2.1	2.6	-0.9	0.6	8.8	0.8	2.9	2.0	-1.1	0.0	6.3	-1.4	1.4	8.2	-1.1
Madison	37.4	7.1	21.6	40.7	35.6	38.9	35.1	11.0	21.6	12.5	9.5	10.9	24.9	12.2	19.4	11.2	7.1	9.1	10.0	2.0	8.6	6.9	2.3	3.9	3.0	2.1	2.4	6.5	2.5	4.6	8.8	5.2	6.2	10.1	4.3
Marked Tree	18.1	1.8	8.6	18.8	13.4	17.2	12.9	3.5	6.7	3.6	2.7	3.2	3.6	1.8	2.7	2.6	1.7	2.1	2.4	1.6	2.0	1.6	0.4	0.9	1.0	0.2	0.5	2.5	1.0	1.6	2.4	1.6	1.9	3.4	1.5
Morrilton	17.8	5.4	10.6	16.6	4.1	7.4	9.0	2.2	3.9	11.4	1.8	4.7	8.0	0.4	3.5	15.4	2.6	9.2	8.5	-0.3	2.1	2.8	-1.0	0.4	9.2	0.4	2.6	1.6	-1.4	-0.6	5.0	-2.0	0.3	8.9	-2.0
Newport	30.7	11.8	23.6	27.8	15.0	20.3	14.1	7.2	9.0	20.3	6.0	9.8	24.0	4.7	14.0	17.9	3.9	9.6	6.7	2.2	4.3	2.2	0.3	1.1	7.9	0.3	2.0	10.9	0.5	2.6	3.8	0.4	1.7	14.1	-0.6
Ozark	17.0	4.8	8.8	16.0	3.7	6.8	8.4	2.3	4.2	11.8	2.7	5.2	6.1	1.3	3.5	16.3	2.9	9.6	9.4	0.8	3.0	3.7	0.2	1.6	10.9	0.8	3.4	2.2	0.0	4.7	4.8	-0.4	0.9	7.0	-0.3
Parkin	33.8	5.9	18.6	34.3	30.3	33.2	29.8	8.3	17.6	9.7	7.7	8.6	17.6	8.9	13.6	8.3	5.3	6.7	8.1	5.4	6.5	5.1	1.5	2.8	2.0	1.4	1.7	6.0	1.9	3.7	8.0	4.0	5.0	8.6	3.2
Pine Bluff	22.1	10.8	16.3	20.7	9.5	13.0	12.1	7.9	9.0	15.1	6.5	9.3	12.9	5.1	8.4	18.9	7.6	13.1	12.4	4.1	6.3	6.7	3.4	4.7	12.8	4.7	6.8	5.9	3.0	4.0	10.5	2.5	5.3	12.1	2.6
St. Charles	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	15.2	9.0	11.9	14.3	10.0	12.1	21.9	9.3
St. Francis	26.7	14.5	21.4	21.1	14.3	18.6	13.9	8.8	10.5	18.8	9.3	14.6	21.0	5.7	14.1	13.3	5.2	8.6	18.4	5.1	10.5	4.8	3.4	3.8	6.5	3.4	4.1	9.5	4.4	6.1	5.3	4.2	4.5	17.8	4.6
Whitecliffs	26.4	14.1	22.3	18.9	3.2	7.6	18.0	4.4	11.8	23.5	3.8	12.4	17.9	2.8	7.5	16.4	1.5	5.4	2.8	0.6	0.9	19.0	0.5	4.0	9.3	1.0	3.8	9.1	1.0	2.5	19.0	1.0	6.7	23.1	1.0

MISCELLANEOUS PHENOMENA, 1937

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Flood Damage			Killed by Lightning	Damage by lightning
	Reports	Day with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
anuary						51	16	124	23		5		5											3,128,436		
ebruary	1	1				35	6	9	2																	
arch	1	1				81	13	10	3					2	1	$ 4,000										$ 300
pril			3	1	$ 19,000	136	17	21	11								1	1	2	30	$ 40,000					$ 1,000
ay	2	2		1		139	21	15	5															82,000		$ 2,000
une	2	2		3	$ 8,000	255	23	12	10						1	$ 34,500	2	1	1	50	162,000					
uly	2	2		3	$ 13,500	206	23	8	5							$ 2,000									3	
ugust			2	1	$ 10,000	237	28	19	6					2	2	$ 11,250										
eptember						102	16	10	7																	
ctober	2	1				40	9	19	10								1	1	0	2	150,000					
ovember						16	5	41	9																	
ecember						32	6	188	20															14,000		
ear	10	9	5	9	$ 50,500	1330	183	476	111		5		5	4	4	$ 51,750	4	8	3	82	$ 352,000			3,224,436	3	$ 3,300

Sleet and glaze in January estimated loss $1,006,000.

KILLING FROSTS, 1937

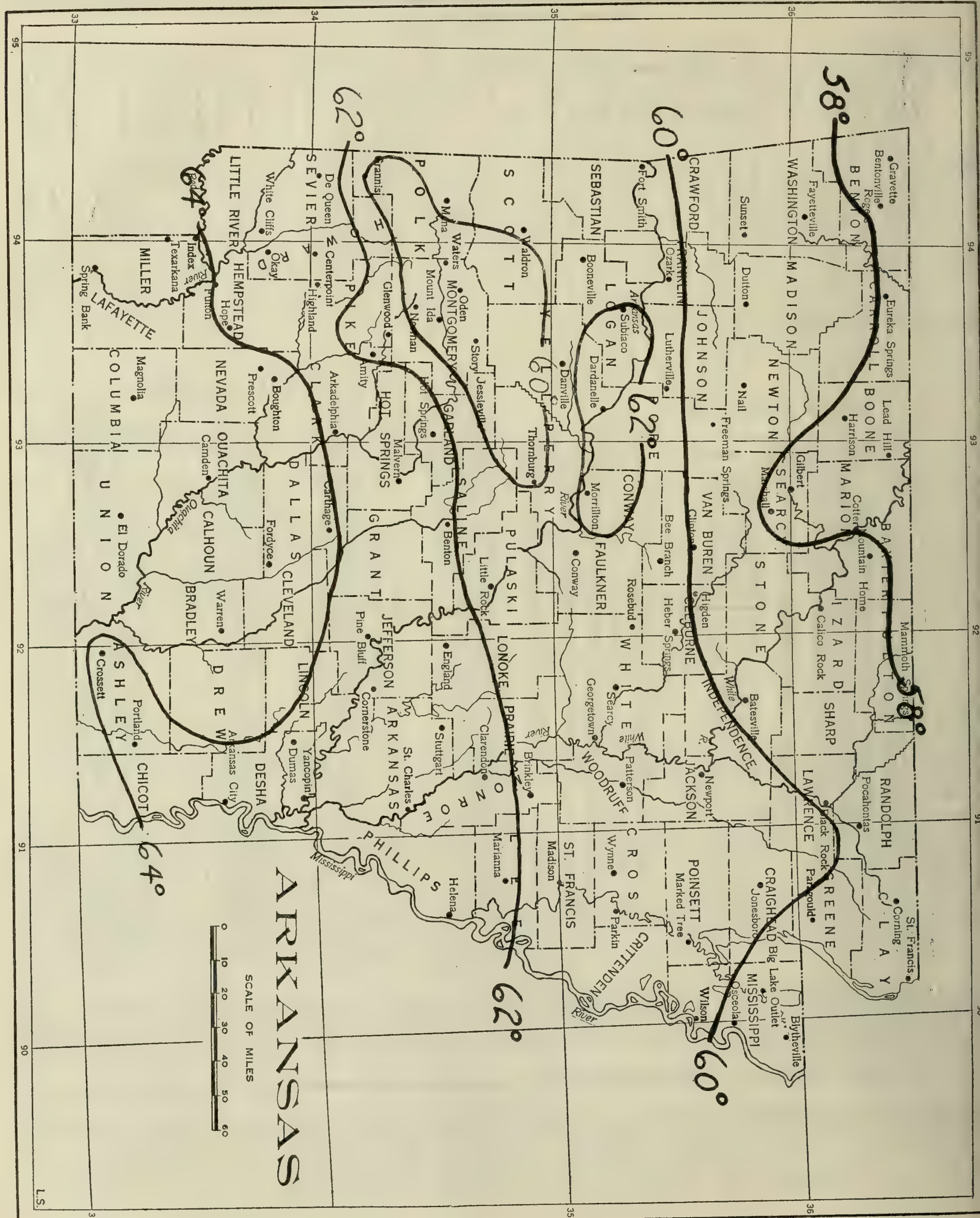
Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growin season
lum Fork Res	....	Oct. 23	...	Index	Apr. 6	Oct. 22	199
mity	Apr. 7	Oct. 23	199	Jessieville	Mar. 31	Oct. 16	199
rkansas City	,, 6	Oct. 23	200	Jonesboro	Mar. 29	Oct. 23	208
atesville	,, 10	Oct. 15	188	Lead Hill	Apr. 11	Oct. 23	195
ee Branch	,, 10	Oct. 28	196	LITTLE ROCK	Mar. 28	Oct. 23	209
enton	,, 10	Oct. 15	188	Lutherville	Apr. 6	Oct. 23	200
entonville	,, 6	Oct. 23	200	Madison	Mar. 29	Oct 23	208
ig Lake Outlet	Mar. 29	Oct 28	213	Magnolia	Mar. 31	Oct. 15	198
lytheville	Mar. 29	Oct. 28	213	Mammoth Spring	Apr. 11	Oct. 15	187
ooneville	Apr. 6	Oct 23	200	Marianna	Apr. 6	Oct. 23	200
oughton	Apr. 10	Oct. 23	196	Marked Tree	Mar. 29	Oct. 23	208
rinkley	Apr. 11	Oct. 23	195	Mena	Apr. 6	Oct 23	200
alico Rock	Apr. 11	Oct. 23	195	Monticello	Apr. 6	Oct. 23	200
amden	Apr. 6	Oct. 23	200	Morrilton	Apr. 6	Oct 23	200
larendon	Apr. 6	Oct. 23	200	Mountain Home	Apr. 11	Oct. 15	187
linton	Apr. 6	Oct. 23	200	Mount Ida	Apr. 10	Oct. 23	196
ornerstone	Mar. 31	Oct. 15	198	Newport	Mar. 28	Oct 15	201
orning	Apr. 10	Oct. 23	196	Norman	....	....	....
otter	Apr. 10	Oct. 23	196	Okay	Apr. 6	Oct. 23	200
rossett	Apr. 6	Oct. 23	200	Ozark	Apr. 6	Oct. 23	200
anville	Apr. 6	Oct. 23	200	Parkin	Mar. 17	Oct. 23	220
ardanelle	Apr. 6	Oct. 23	200	Pine Bluff	Apr. 6	Oct 23	200
e Queen	Apr. 6	Oct. 23	200	Pocahontas	Apr. 1	Oct. 23	205
evils Knob	....	Oct 23	..	Portland	Mar. 29	Oct. 23	208
umas	Mar. 31	Oct. 23	206	Prescott	Apr. 6	Oct. 23	200
l Dorado	Mar. 31	Oct. 23	206	Rogers	Apr. 10	Oct. 23	196
ngland	Mar. 31	Oct. 23	206	Rosebud	Apr. 6	Oct. 23	209
ureka Springs	Apr. 6	Oct. 23	200	Russellville	Apr. 6	Oct. 15	192
ayetteville	Apr. 6	Oct. 23	200	St. Charles	Mar. 29	Oct. 15	200
ordyce	Mar. 31	Oct. 23	206	St. Francis	....	Oct. 13	...
ort Smith	Mar. 29	Oct. 23	208	Searcy	Apr. 6	Oct. 23	200
ulton	Apr. 7	Oct. 23	199	Springbank	Apr. 9	Oct. 23	197
eorgetown	Mar. 29	Oct. 15	200	Story	Apr. 10	Oct. 16	189
ilbert	Apr. 6	Oct. 23	200	Stuttgart	Apr. 6	Oct. 22	199
lenwood	Apr. 6	Oct. 23	200	Subiaco	Apr. 6	Oct. 23	200
rannis	Apr. 10	Oct. 23	196	Texarkana	Mar. 31	Oct. 23	206
ravette	Apr. 27	Oct. 23	179	Thornburg	Apr. 30	Oct. 15	168
reen Mountain	....	Oct. 23	...	Turnpike	Apr. 6	Oct. 15	192
arrison	Apr. 11	Oct. 23	195	Warren	....	Oct. 23	...
elena	Apr. 5	Oct. 23	200	White Rock	....	Oct. 23	...
ighland	Apr. 6	Oct. 23	200	Wilson	Mar. 31	Oct. 23	206
ope	Apr. 6	Oct. 23	200	Wynne	Apr. 11	Oct. 23	195
ot Springs	Apr. 6	Oct. 23	200	Yancopin	....	Oct. 23	...

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
Alum Fork Reser	L. R. Water Works	Lead Hill	J. H. Crosswhite
Amity	J. W. Campbell	Little Rock	U. S. Weather Bureau
Arkadelphia	Mrs. Ted R. Carpenter	Little Rock airway	Airway Observer
Arkansas City	Herbert Neff	Lutherville	H. G. Lenhardt
Batesville airway	Airway Observer	Madison	J. W. Eppes
Batesville	Mrs. Ida Barnwell	Magnolia	State Agr. School
Bee Branch	J. E. Scanlan	Mammoth Spring	Faul Morton
Benton	S. A. Burks	Marianna	C. N. Houck
Bentonville	U. S. Weather Bureau	Marked Tree	Chas. Walton
Big Lake Outlet	C. J Brooks	Mena	E. W. St. John
Black Rock	Vernon C. Howe	Monticello air way	Airway Observer
Blytheville	Samuel Norris	Monticello	Soil Cons. Service
Booneville	F. H. Randolph	Montongo	Soil Cons. Service
Boughton	Harry Buie	Morrilton	Mrs. Freda Ashcraft
Brinkley	Robt. J. Torry	Mountainburg(near)	C. A. Lovell
Calico Rock	William Jones	Mountain Home	B. S. Halbert
Camden	J. M. Knight	Mount Ida	G. A. Whittington
Carthage	P. K. Wylie	Newport	J. D. Henderson
Clarendon	R. M. Wheatley	Norman	U. S. Forest Service
Clinton	A. L. Stephens	Oden	U. S. Forest Service
Conway	E E. Cordrey	Okay	Charles R. Jackson
Corning	Winfred D. Polk	Ozark	Orkney O. Milton
Cotter	O. B. McSpadden	Parkin	Carroll King
Crossett	U. S. Forest Service	Pine Bluff	Miss Theresa Scheu
Danville	J. M. Patterson	Pine Ridge	J. R. Huddleston
Dardanelle	Geo. N. Goodier	Plantersville	Soil Cons. Service
De Queen	E. B. Smith	Pocahontas	Benedictine Sisters
Devils Knob	U. S. Forest Service	Portland	W. E. Edmiston
Dumas	Ben Johnson	Prescott	Craig Williams
El Dorado	E. W. Gaston	Rock Springs	Soil Cons. Service
England	Dr. R. H. Hardin	Rogers	Carl A. Starck
Eureka Springs	Geo. W. Nichoalds	Rosebud	G. A. Maddox
Fayetteville	University of Ark.	Russellville Evap.	U. S. Forest Service
Fordyce	M. G. Taylor	St Charles	U. S. Biol. Survey
Fort Smith	U. S. Weather Bureau	St. Francis	A. Boyce Boyd, Jr.
Fulton	T. J. Logan	Searcy	Walter Smith
Georgetown	W. R. Putt	Springbank	Henry Field
Gilbert	F. J. King	Story	S. C. Story
Glenwood	C. A. Price	Stuttgart	Mrs. B. E. Swim
Grannis	W. E. McVay	Stuttgart Evap.	Rice Experiment Sta.
Gravette	Max W. Schmidt	Subiaco	New Subiaco Abbey
Green Mountain	U. S. Forest Service	Texarkana	H. S. Brashear
Harrison	Louis R. Keck	Thornburg	Edward E. Holmes
Helena	James A. Burnett	Turnpike	U. S. Forest Serv.
Higden	Austin E. Cartwright	Waldron	E. B. Shadoan
Highland	J. O. Cooley	Warren	C. N Turner
Hope	Experiment Farm	Whitecliffs	L. M. Snead
Hot Springs	National Park Service	White Rock	U. S. Forest Serv.
Index	W. E. McDowell	Wilson	D. O. Anderson
Jessieville	U. S. Forest Service	Wynne	B. M. Eddins
Jonesboro	Benedictine Sisters	Yancopin	W. E. Barton
Judsonia	T. H. Beals		

Departures from normal temperature are computed from averages of entire period for stations having 10 or more years record. Departures of precipitation with 15 ears or more record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period 1935, inclusive. T., less than 0.01 inch rain or melted snow. Reference letters a, b, c, appearing in the table indicate number of days missing: † Also on later ates. ‡‡Post-office addresses of these stations as follows:-Big Lake Outlet, Manilla, .; Boughton, Route 4, Prescott; Devils Knob, Salus: Green Mountain, Calico Rock; ndex, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar: Rogers, Route 3, Rogers; Rosebud, Route 2, Mount Vernon; Springbank, Doddridge, urnpike, Dover; White Rock, Cass **Also later months.

Corrections:-Camden, Sept., page 50, departure from normal precipitation +2.10. Ft. Smith, December, page 68, number of loudy days 18. Harrison, December 3d precipitation 0.12 inch, monthly total 2.99 inches, departure +0.13 inch. Mount da, January, page 2, departure from normal precipitation +8.56 inches. Rogers, September, page 50, temperature departure −1.5°. Whitecliffs, March, page 14, total precipitation 3.92 inches. Wilson, December. page 68, precipitation departure −2.22 inches. Evaporation table, annual, page 78, Stuttgart, 1937, wind movement June, 1.9; July 2.0; annual 2.5.



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLIII Little Rock, Ark., January, 1938 No. 1

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The month was above normal in both temperature and precipitation. The temperature mean, based on the reports of 67 stations, was 42.5°, which is 1.1° above the 48-year average. Monthly means ranged from 48.6° at Magnolia, Columbia Co., to 35.6° at Lead Hill in Boone County. Temperatures ranged from 81° at El Dorado on the 21st to 4° at Devils Knob on the 26th and the 31st. The greatest daily range was 50° at Gravette on the 16th.

Precipitation was very light the first 19 days of the month, but heavy rains occurred during the period from the 20th to the 24th. Amounts of 10 to 11 inches were reported in Polk, Miller, Hempstead, Nevada and Arkansas counties. The average precipitation for the 98 stations reporting was 6.48 inches which is 2.04 inches above the 48-year average. Monthly amounts ranged from 11.58 inches at Grannis to 2.87 inches at Calico Rock. Measureable amounts of snowfall were reported in Benton, Johnson and Clay counties. The average number of days with 0.01 inch or more precipitation was 7.

Flood conditions followed the excessive rains in the southwestern and southern parts of the State. It was reported that ten to twenty thousand acres of farm land in the Red and Little River valleys were inundated the latter part of the month, and 200 tenant families were forced to leave their homes in these areas. The Red River at Fulton crested at 32.9 feet on the 28th. High stages occurred on the Ouachita, the crest at Camden being 40.7 feet on the 27th. It was reported that 20 oil wells in the Smackover area stopped operation due to the backwater up Smackover Creek from the Ouachita River. In the lower White flood stages were also exceeded, and the Cache River was high. Reports state that 150 families were forced to evacuate Cache bottoms. The White River at Georgetown reached a stage of 21.8 feet on the 31st and crested at 22.3 ft. on February 2d. The gage at Clarendon read 26.7 feet on the 31st and crested at 27.7 feet February 7th. The Petit Jean River at Danville went seven feet above flood stage on the 25th. Two men were drowned in the swollen Six Mile Creek near Paris.

Dense fog was reported in the state on 24 days. Dust was reported from the 14th to the 20th and on the 25th and 28th. Visibility in the Little Rock vicinity was reduced to 1 1-2 miles on the 17th and to 2 miles on the 18th. High winds were reported on the 24th, 25th, 29th and 30th, but no damage was reported. An Aurora Borealis was observed at one station on the 21st, 23d, 24th and 25th. Two stations reported a sunspot on the 18th and 19th.

The weather was favorable for the growth of wheat, oats, meadows, winter pastures and winter truck most of the month. The warm weather caused peach buds to develop in southern and central portions the middle of the month, but the growth was checked by the cold wave the last of the month. Little damage from freezing weather at the close of the month was reported, and the change to colder was favorable for fruit.

Corrections

Fort Smith, December 3d, precipitation 0.31 inch, December total 3.15 inches; departure from normal +0.39. Marked Tree, December, delete maximum temperature of 50° on 1st, move all maximum readings up one day and add 60 on 31st; mean maximum should be 49.1°.

Floods

In the Ouachita Basin, last week of January, estimated loss $28,800.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	2		.	2	.	.	.	.	2	3	1	4	2	11	8	2	1	12	6	7	7	13	5	1	2	2	5	6	8	3
Light Hail	.	.	.	.	.	.	.		.		.	.	.	.		.	.	.		.	.		.		.	.	.	.	.	2	.
Moderate Hail	.	.	.	.	.	.	.	.		.	.	.	.		.		.	.	.	.	.		.	.	.	.		.	.		
Thunderstorm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	12	24	11	14	6	1	1	.	.	3	22	1

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.14	30.70	31	29.37	24	8.0	24	sw	29	..	..	..	61
Fort Smith	30.12	30.66	31	29.39	24	8.6	30	nw	24†	72	56	54	46
Little Rock	30.12	30.65	31	29.33	24	9.1	30	sw	16	77	60	57	51
Memphis	30.11	30.62	31	29.36	24	9.0	27	w	25	72	59	58	47

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	−5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	−2	5.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	−9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	−5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	−2	5.19	2.0	6	14	5	12
1907	49.2	82	−8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	−7	2.59	4.3	6	16	6	9
1911	47.6	86	−9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	−1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	−3	4.38	2.3	8	10	6	15
1916	44.3	82	−6	9.39	0.5	12	8	4	19
1917	44.0	82	−4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	−3	3.00	0.4	8	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48.6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	−6	3.19	0.4	7	15	3	13
1925	40.8	76	−4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	−7	5.41	0.1	10	14	3	14
1928	42.7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.86	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	−1	1.05	3.5	5	14	7	10
1937	41.8	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
Period	41.4	90	−28	4.44	1.8	7	12	6	13

Climatological Data for January, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	41.6	....	70	17	13	31	38	6.22	....	2.30	T	6	12	9	10	....	L. R Water Works
Amity	Clark	500	43	42.5	−0.9	73	16	18	27†	48	8.14	+3.70	3.02	T.	6	13	8	10	e.	J. W. Campbell
Arkadelphia	Clark	200	43	....	....	....	....	....	....	.	6.90	+2.07	2.92	0.0	7	14	7	10	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	54	....		....	....	....	....	....	4.39	−0.16	1.01	0.0	10	13	4	14	....	Herbert Neff
Batesville	Independence	277	39	40.0	+1.6	69	16	14	31	36	4.00		1.29	0.0	7	12	10	10	n.	Airway Observer
Bee Branch	Van Buren	700	46	40.2	−0.8	70	16	12	8	37	4.85	+0.30	2.00	0.0	5	14	8	9	w.	J. E. Scanlan
Benton	Saline	285	3	42.4	....	72	17	16	27	38	9.48	....	4.69	0.0	7	15	6	10	ne	S. A. Burks
Bentonville	Benton	1295	33	38.2	+2.0	70	16	7	31	46	3.11	+0.44	1.52	0.5	8	11	11	9	sw.	U. S. Weather Bureau
Big Lake Outlet ‡‡	Mississippi	239	8	....	....	....	....	....	....	....	4.67	....	1.23	0.0	7	12	5	14	....	C. J. Brooks
Black Rock	Lawrence	259	37	....	....	....	....	....	....	....	4.53	−0.08	1.50	0.0	8	16	1	14	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	40.2	−1.8	67	16	16	8†	31	4.91	−1.01	1.79	0.0	6	19	4	8	sw.	Samuel Norris
Booneville	Logan	465	24	43.3	+1.5	77	16	13	31	42	5.97	+2.37	1.70	0.0	7	16	6	9	w	F. H. Randolph
Boughton ‡‡	Nevada	235	3	....	....	....	....	....	....	....	9.25	....	5.47	0.0	8	13	4	14	....	Harry Buie
Brinkley	Monroe	205	51	43.4	+1.0	71	16†	18	27	34	8.55	+3.36	2.96	0.0	9	15	4	12	se.	R. J Torry
Calico Rock	Izard	361	34	....	....	....	....	....	....	....	2.87	−1.60	1.40	0.0	8	13	2	16	....	William Jones
Camden	Ouachita	116	53	47.6	+3.6	75	17	22	31	38	6.67	+1.93	2.14	0.0	10	12	5	14	se.	J. M. Knight
Clarendon	Monroe	172	54	....	....	....	....	....	....	....	7.39	+2.75	2.53	0.0	8	11	8	12	n.	R. M. Wheatley
Clinton	Van Buren	516	17	....	....	....	....	....	....	....	4.35	−0.22	1.67	0.0	6	13	6	12	n.	A. L. Stephens
Conway	Faulkner	309	55	43.0	+0.8	73	16	16	31	40	7.65	+2.94	3.68	0.0	5	18	4	9	s.	E. E Cordrey
Cornerstone ‡‡	Jefferson	195	27	..	....	....	..	....	....	..	....			....	..	..	..	..	....	P. B. Hutchens
Corning	Clay	293	45	38.2	0.0	65	16	12	31	35	4.51	−0.22	1.29	0.0	7	16	6	9	nw.	Winfred D. Polk
Cotter	Baxter	440	11	....	....	....	....	....	....	....	3.81	+0.45	1.95	0.0	6	14	5	12	....	O. B McSpadden
Crossett (near)	Ashley	175	26	46.2	0.0	79	21	16	27	40	3.84	−0.94	0.92	0.0	11	15	8	8	n.	U. S. Forest Service
Danville	Yell	827	22	....	....	....	....	....	....	....	6.87	+2.93	2.90	T.	11	13	7	11	....	J. M. Patterson
Dardanelle	Yell	330	52	43.4[a]	+2.0	75[a]	16	16[a]	31	41[a]	6.51	+2.89	2.41	0.0	8	7[a]	13[a]	10[a]	se.	Geo. N. Goodier
De Queen	Sevier	426	3	45.6	....	74	17	14	31	39	9.47	....	3.95	T.	8	13	7	11	ne.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	38.2	....	66	16†	4	26†	36	5.65	....	2.32	0.2	8	19	5	7	n.	U. S. Forest Service
Dumas	Desha	162	33	46.4	+1.5	76	23	19	27	35	5.90	+0.88	2.75	0.0	11	4	18	9	n.	Ben Johnson
El Dorado	Union	270	38	48.3	+1.9	81	21	20	27	32	3.80	−0.93	0.90	0.0	11	13	7	11	n.	Mrs. E. W. Gaston
England	Lonoke	229	32	43.8[b]	+0.4	70[b]	16	20[b]	27†	32[b]	7.84	+2.94	3.26	0.0	7	14[b]	2[b]	13[b]	n.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	39.4	+0.8	72	16	5	31	40	4.03	+0.83	1.25	T.	7	17	6	8	nw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	51	39.4	+1.0	70	16	9	26†	43	3.33	+0.33	0.97	T.	7	12	10	9	nw.	University of Arkansa
Fordyce	Dallas	190	10	45.8[c]	....	72[c]	20†	19[c]	27	33[c]	8.01	....	5.51	0.0	7	15[c]	3[c]	10[c]	s.	M. G. Taylor
Fort Smith	Sebastian	448	14	42.5	+3.0	74	16	14	31	43	3.51	+0.97	2.02	T.	6	14	8	9	e.	U. S. Weather Burea
Fulton	Hempstead	260	53	....	....	....	....	....	....	....	11.04	+6.41	8.00	T.	6	13	7	11	....	T. J. Logan
Georgetown	White	200	26	....	....	....	....	....	....	....	8.25	+3.23	3.70	0.0	8	15	5	11	....	W. R. Putt
Gilbert	Searcy	600	13	38.6	....	74	17	10	31	44	3.97	+0.16	1.88	0.0	5	15	1	15	....	F. J. King
Glenwood	Pike	547	3	....	....	....	....	....	....	....	9.91	....	4.00	0.0	6	14	7	10	....	C. A. Price
Grannis	Polk	900	19	40.6	−1.4	66	16	9	31	35	11.58	+6.78	4.12	T.	9	13	6	12	w.	W. E. McVay
Gravette	Benton	1250	41	38.1	+1.0	75	16	7	31	50	3.24	+0.46	2.30	0.0	3	14	5	12	nw.	Max W. Schmidt
Green Mountain ‡‡	Stone	1100	2	38.8	....	69	16	7	31	35	3.02	....	1.45	T.	6	14	6	11	nw.	U. S. Forest Service
Harrison	Boone	1052	38	37.2	+0.3	73	16	8	31	40	4.37	+1.20	1.62	T.	8	21	2	8	w.	Louis R. Keck
Helena	Phillips	300	66	43.6	+0.4	72	23	16	27	35	7.54	+2.38	3.65	0.0	9	13	7	11	s.	James A. Burnett
Higden	Cleburne	445	19	....	....	....	....	....	....	....	4.43	−0.15	1.85	0.0	6	15	4	12	w.	Austin E. Cartwright
Highland	Pike	491	19	47.7	....	78	17	17	31	35	7.83	+3.25	2.10	0.0	6	10	9	12	s.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	44.6	−1.1	74[a]	17	19	27	41[a]	10.23	+5.43	7.00	0.0	9	5	17	9	ne.	Experiment Farm
Hot Springs	Garland	600	47	43.6	0.0	73	16	17	27†	35	9.98	+5.12	3.95	T.	8	11	9	11	s.	National Park Servic
Index ‡‡	Little River	275	21	....	....	....	....	....	....	....	10.10	+6.46	6.50	0.0	7	13	7	11	....	W. E. McDowell
Jessieville	Garland	750	12	....	....	....	....	....	....	....	9.65	+3.49	3.35	0.0	4	9	9	13	nw.	U. S. Forest Service
Jonesboro	Craighead	345	43	40.6	0.0	66	16	15	31	31	5.01	−0.01	1.87	0.0	9	10	9	12	sw.	Benedictine Sisters
Judsonia	White	....	2	....	....	....	....	....	....	....	7.06	....	2.57	0.0	8	12	6	13	....	T. H. Beals
Lead Hill	Boone	650	32	35.6	−2.8	78	16	8	31	45	3.97	+1.26	1.62	T.	7	17	6	8	n.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	59	43.0	+1.6	66	23	18	31	37	9.80	+5.07	5.01	T.	8	11	5	15	nw.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	2	43.0	....	70	16†	18	31	35	10.01	....	4.38	0.0	8	12	4	15	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	39	41.4	+1.1	72	16	11	31	35	6.24	+2.31	1.96	0.0	6	17	3	11	nw.	H. G. Lenhardt
Madison	St. Francis	209	8	....	....	....	....	....	....	....	6.92	....	2.38	T.	8	9	3	19	....	J. W. Eppes
Magnolia	Columbia	315	22	48.6[a]	+1.0	78[a]	19†	20[a]	27	40[a]	3.35	−1.21	1.10	0.0	6	9[a]	15[a]	6[a]	se.	State Agri. School
Mammoth Spring	Fulton	600	34	36.8	−1.0	71	16	9	31	40	3.12	−0.34	0.95	T.	7	12	4	15	n.	Paul Morton
Marianna	Lee	235	27	43.8	+1.3	71	23†	20	26†	33	5.39	+0.50	1.90	0.0	9	10	15	6	n.	C. N. Houck
Marked Tree	Poinsett	229	34	39.6	+0.1	67	16	17	26†	42	6.75	+1.06	2.94	0.0	9	14	10	7	s.	Charles Walton
Mena	Polk	1207	50	42.6	+1.0	71	17	13	31	36	10.05	+6.11	3.16	T.	9	14	4	13	n.	E. W. St. John
Monticello Airway	Drew	273	2	46.3	....	72	20†	20	27	32	5.16	....	1.90	0.0	10	9	11	11	n.	Airway Observer
Monticello	Drew	273	3	....	....	....	....	....	....	....	3.98	....	1.80	0.0	9	..	..	..	....	Soil Conservation Ser
Montongo	Drew	....	3	....	....	....	....	....	....	....	5.17	....	2.20	0.0	9	..	..	..	....	Soil Conservation Ser
Morrilton	Conway	315	19	46.4	+5.1	73	16	15	31	46	5.33	+1.47	2.30	0.0	6	8	13	10	s.	Mrs. Freda M. Ashcra
Mountain Home	Baxter	800	26	37.8	−0.3	74	16	8	31	41	3.85	+0.52	1.70	0.0	4	12	1	18	nw.	B. S. Halbert
Mount Ida	Montgomery	702	39	41.2[a]	−0.2	72[a]	16	11[a]	27	42[a]	9.25	+4.91	2.65	0.0	7	8[a]	8[a]	14[a]	nw	G. A. Whittington
Mount Petit Jean	Conway	....	1	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	State Park Service
Mountainburg (nea	Crawford	2010	2	....	....	....	....	....	....	....	3.61	....	1.51	T.	7	20	2	9	nw.	C. A. Lovell
Newport	Jackson	231	55	41.0	+1.2	69	16	13	26	33	5.79	+0.55	2.12	T.	8	14	6	11	s	J. D. Henderson
Norman	Montgomery	687	10	....	....	....	....	....	....	....	9.80	....	3.50	T	6	13	6	12	ne.	U. S. Forest Service
Oden	Montgomery	800	11	42.4	....	72	16†	13	31	43	8.81	....	2.44	0.0	6	12	11	8	sw.	U. S. Forest Service
Okay	Howard	288	10	47.2	....	75	16†	20	31	43	6.63	....	2.95	0.0	7	15	7	9	s	Charles R. Jackson
Ozark	Franklin	396	43	40.3	−0.5	66	16†	10	31	33	5.83	+2.93	3.60	0.0	7	10	7	14	w.	Orkney O. Milton
Parkin	Cross	222	8	....	....	....	....	....	....	....	8.00	....	3.78	0.0	7	13	0	18	....	Carroll King
Pine Bluff	Jefferson	215	51	45.4	+1.5	72	16†	20	27	34	8.69	+3.50	5.09	0.0	11	12	6	13	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	14	....	....	....	....	....	....	....	9.58	+4.98	....	0.0	5	13	8	10	sw.	J. R. Huddleston
Pocahontas	Randolph	300	45	39.6	+0.7	65	16†	12	31	34	3.94	−0.61	1.35	0.0	5	13	6	12	n.	Benedictine Sisters
Portland	Ashley	122	32	47.6	+0.6	79	21	20	27	37	4.36	−0.33	1.20	0.0	10	13	4	14	nw.	W. E. Edmiston
Prescott	Nevada	318	50	46.5	+1.9	73	16†	20	27†	39	11.32	+6.58	7.21	0.0	8	11	8	12	e.	Craig Williams
Rock Springs ‡‡	Drew	....	3	....	....	....	....	....	....	....	5.65	....	3.30	0.0	9	..	.	..	....	Soil Conservation Ser
Rogers (near) ‡‡	Benton	1300	48	39.6	+2.2	73	16	6	31	40	3.20	+0.54	1.10	T.	7	18	4	9	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	....	....	....	....	....	....	....	8.47	....	3.60	0.0	5	19	1	11	n.	G. A. Maddox
Russellville [Evap]	Pope	526	26	42.6	+3.0	75	16	16	31	43	6.83	+3.38	2.75	0.0	9	21	0	10	nw.	U. S. Forest Service
St. Charles	Arkansas	175	5	43.2	....	72	24	19	27	42	7.35		3.40	0.0	9	16	3	12	s.	U. S. Biological Surve
St. Francis	Clay	290	11	....	....	....	....	....	....	....	4.96	−1.18	1.49	0.3	7	21	1	9	....	A. Boyce Boyd, Jr.
Searcy	White	245	28	41.8	+1.0	69	16	16	31	35	6.70	+1.91	2.39	0.0	7	16	2	13	ne.	Walter Smith
Springbank ‡‡	Miller	240	29	....	....	....	....	....	....	....	3.19	−0.82	0.84	0.0	10	11	2	18	....	Henry Field
Story	Montgomery	650	14	....	....	....	....	....	....	....	7.57	+3.55	2.53	0.0	4	15	5	11	n.	S. C Story
Stuttgart	Arkansas	214	51	43.4	+0.4	74	17	18	27†	36	11.15	+6.11	5.24	0.0	8	16	5	10	nw.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	3	44.0[c]	....	72[c]	15†	21[b]	27†	48[d]	8.21	....	2.99	0.0	8	..	..	..	....	Rice Experiment Sta.
Subiaco	Logan	750	41	43.6	+1.9	75	16	15	31	39	6.71	+3.10	2.87	0.0	7	17	6	8	nw.	New Subiaco Abbey
Texarkana	Miller	332	53	48.0	+1.7	75	16†	21	31	35	9.80	+5.72	5.30	0.0	7	13	5	13	n.	H. S. Brashear
Thornburg	Perry	650	18	41.0	+0.4	71	16	13	8†	42	6.02	+1.62	3.98	T	5	16	3	12	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	38.8	....	67	19	5	31	38	4.99	+0.43	1.66	0.0	6	..	..	..	sw.	U. S. Forest Service
Warren	Bradley	206	44	47.0	+1.6	76	21	19	27	31	6.01	+1.19	2.40	0.0	8	12	0	19	nw.	C. N. Turner
Whitecliffs	Little River	290	32	....	....	....	....	....	....	....	6.92	+3.02	3.09	0.0	7	10	9	12	....	L. M. Snead
White Rock ‡‡	Franklin	2285	2	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	U. S. Forest Service
Wilson	Mississippi	237	13	41.6	−0.1	67	17	16	8†	42	5.70	+0.03	3.17	0.0	4	21	0	10	n.	D. O. Anderson
Wynne	Cross	250	30	42.0	+1.0	70	16	13	9	44	7.43	+2.27	3.10	0.0	6	12	7	12	n.	B. M. Eddins
Yancopin	Desha	167	14	....	....	..	....	....	....	....	5.49	+0.50	1.63	0.0	12	14	2	15	....	W. E. Barton
State Means				42.5	+1.1	81	21	4	26†	50	6.48	+2.04	8.00	T.	7	14	6	11	nw.	

Daily Precipitation for January, 1938

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser	Ouachita																				.23	2.30	1.94	.55	.50						.70		6 22
Amity	Ouachita	.18																				3.02	2.10	.06	2.00							.78	8.14
Arkadelphia	Ouachita				T.							T.	T.									2.00	2.92	.18	1.18	05					.01	.56	6.90
Arkansas City	Mississippi	.90						.25			.15	.20			T.							.07	1.01	.20	.97	.10						.54	4.39
Batesville Airway	White																				.15	1.29	.52	.08	.98					.02	.96		4.00
Bee Branch	Arkansas																				T.	2.00	.80	.10	.95						1.00		4.85
Benton	Saline						T.														1.35	4.69	2.15	.48	.05					.04	.72		9.48
Bentonville***	Arkansas			.05				T.		.02											1.17	.09	.01	1.35	.21						.21		3.11
Big Lake Outlet	St. Francis	.35											T.									1.23	1.20	.14	.65	.14						.96	4.67
Black Rock	White	.40																			.02	1.50	.08		.83	.48					.19	1.03	4.53
Blytheville	St Francis	.41																				1.79	.72		.94	.10						.95	4.91
Booneville	Arkansas	.05		T.																	.17	1.69	.44	1.70	1.68						.24		5.97
Boughton	Ouachita							.11			.10											1.94	5.47	.21	1.00	.04						.38	9.25
Brinkley	White	.21									.02										.08	2.89	2.96	.07	1.05	.01					1.26		8.55
Calico Rock	White	07																				1.40	.10	.03	.60	.13					.31	.23	2.87
Camden	Ouachita	1.28					.05	.32			.02	.10											2.14	.96	95	.08						.77	6.67
Clarendon	White	.35										.04										2.19	2.53	.40	.65	.06						1.17	7.39
Clinton	White																				.12	1.67	.43	1.00	.19					T	.94		4.35
Conway	Arkansas																					3.68	1.88	.58	.27						1.24		7.65
Cornerstone	Arkansas																																...
Corning	White	.30																				1.29	.23		.53	.66					1.18	32	4.51
Cotter	White	.05																			T	1.28	.10		1.95	.15					.28		3.81
Crossett [near]	Ouachita	.69					.39			.03	.45	.02			.13							.13	.23		.92						.70	.15	3.84
Danville	Arkansas	.04			.01						.01										.02	1.98	.77	.04	2.90	.06			T.		.40	.64	6.87
Dardanelle	Arkansas																				.03	2.41	.63	.06	2.15	.12					.70	.41	6.51
De Queen	Red						.05					.04									1.31	2.02	1.19	3.95	.46						.45		9.47
Devil's Knob	Arkansas			.01	.01					T.		T.									.04	1.56	.05	2.32	1.37	T.			T.	T	.29		5.65
Dumas	Mississippi	.60					.22				.22	.01		.04	T							.38	2.75	.35	.51	.02					.80		5.90
El Dorado	Ouachita	.76					.17	.26			.18	.13			09								.38	.12	.90	.03						.78	3.80
England	Arkansas										.35								T.		.09	1 40	3.26	.73	.95						1.06		7.84
Eureka Springs	White			.13																	.65	.56	.03	.90	1.25						.51		4.03
Fayetteville	White	T		.14	T						T.										.13	.71	.07	.97	.94	T.		T.		T.	.32		3.33
Fordyce	Ouachita						.18				.11											.41	5.51	.55	.34						.91		8.01
Fort Smith***	Arkansas			T.						T.										T.	.64	.79	.03	1.97	.06			T.		T.	.02		3.51
Fulton	Red	T.					.13	T.			T.				T.						T.	1.06	8.00	.35	1 35	T.					T.	.15	11.04
Georgetown	White	.62																				3.70	1.85	.10	.65	.15					.03	1.15	8.25
Gilbert	White																					1.66	.06	.03	1.88	T.					.34		3.97
Glenwood	Ouachita											.04										4.00	2 50	.07	2.85							.45	9.91
Grannis	Red			T.	T.		.04			T.		.04									1.05	1.85	2.58	4.12	1.01	.02					.87		11.58
Gravette	Arkansas																				.72	*	*	*	2.30						.22		3.24
Green Mountain	White											T.									.15	1.45	.05	.08	.55						.73		3.02
Harrison	White			.02	.02																.18	.88	.05	1.40	1.62						.20		4.37
Helena	Mississippi	.20						.06				.24										.67	3.65	.88	.95	.03						.86	7.54
Higden	White																				.06	1.85	.68	.21	.65					T.	.98		4.43
Highland	Ouachita						.70														.30	2.10	2.10	2.05	.58								7.83
Hope [Evap]	Red	04					.10	.09														1.60	7.00	.12	.88	.05						.35	10.23
Hot Springs	Ouachita	.06		T.						T.											1.50	3.95	2.32	.73	.63					.01	.78		9.98
Index	Red						.10	.15														.75	6.50	.30	2 20	.10							10.10
Jessieville	Ouachita																					3.35	2.30		3.00						1.00		9.65
Jonesboro	White	.28										T.	.02									1.87	.86	.01	.77	.24					.02	.94	5.01
Judsonia	White	.50																				2.57	1.49	.05	1.17	.25					.06	.97	7.06
Lead Hill	White			T.	.01						T.										.15	.62	.11	1.18	1.62			T.			.28		3.97
Little Rock***	Arkansas						.02	T.		T.	T.	T.									2.92	3.83	.73	.95	.16			T.		.01	1.18		9.80
LittleRock Airway	Arkansas	.05					T			T.	T.	T.									1.19	4 38	2.02	.49	.61					.01	1.26		10.01
Lutherville	Arkansas																				.12	1.96	.38	1.65	1.28						.85		6.24
Madison	St. Francis	33										.03										1.78	2.38	.13	.76	.10						1.41	6.92
Magnolia	Red	.95					.33				.15			.02									1.10		.80								3.35
Mammoth Spg	White	.12																			.04	.94	.20		.95	.17						.70	3.12
Marianna	St. Francis	.35									.05	02										1.90	1.12	.58	.05	.02					1.30		5.39
Marked Tree	St. Francis	.38										T.	.03									2.94	1.44	.04	.76	.04					.03	1.09	6.75
Mena	Ouachita	.08									T	T.									.05	2.39	1 64	1.25	3.16	.06					.82	.60	10.05
Monticello Airway	Ouachita	.86					.30				.18			.01	.02							.02	1.90	.40	.52						.95		5.16
Monticello***	Ouachita						.22				.03	.05		.03							.05		1.80	.80	.12						.88		3.98
Montongo	Ouachita						.33				.17			.05							.03	.37	2.20	1.05	.25						.72		5.17
Morrilton	Arkansas	.03																			T	2.30	1.10		.67	.26						.97	5.33
Mountainburg	Arkansas			.07						T.											.08	.75	.01	1.51	1.05					T.	.14		3.61
Mountain Home	White																				.10	1.10		1.70	.95								3.85
Mount Ida	Ouachita						.08														.60	1.98	2.61	2.65	.56						.77		9.25
Mount Petit Jean	Arkansas																																....
Newport	White	23																				2.12	1.08	.01	1.06	.23					.09	.97	5.79
Norman	Ouachita											T.										2.88	2.52	.11	3.50					.10		.69	9.80
Oden	Ouachita			T.																	T.	2.22	1.79	1.30	2.44					T.	.24	.82	8.81
Okay	Red						19														02	.83	2.95	1.70	.79						.15		6.63
Ozark	Arkansas				.20																T.	1.38	.11	.05	3.60	.11					.38		5.83
Parkin	St. Francis	.25																				3 78	1.72	.10	.75	.15						1.25	8.00
Patterson	White																																...
Pine Bluff	Arkansas	.13					T.	.06			.02	.05										.18	5.03	40	1.16	.11					.08	1.41	8 69
Pine Ridge	Ouachita																					*	3.81	*	3.92						1.85		9.58
Pocahontas	White																				.10	1.32	.12		1.05						1.35		3.94
Portland	Ouachita	1.20						.40			.17	.18			.14							.32	.32		.93	.02						.95	4.63
Prescott	Ouachita	.07						.12														2.30	7.21	.18	1.04	.04						.36	11.32
Rock Springs	Ouachita						.32				.15			.04							.02	.27	3.30	.90	.10						.55		5.65
Rogers (near)	White			.03																	.49	.49	02	.92	1.10						.15		8.20
Rosebud	Arkansas																				3.60		1.61	1.58	.36						1.32		8.47
Russellville	Arkansas	.01									01	.01									.09	2.75	57	1.34	.94						1.11		6.83
St. Charles	White	.48						.07				.12										.11	3.40	1.15	.87	.04						1.11	7.35
St. Francis	St. Francis	.29								T.	T.											1.49	.21	T.	.59	1.02					.28	1.08	4.96
Searcy	White	.58																				2.39	1.72	.02	.90						.04	1.05	6.70
Springbank	Red	.10					.15	.33			.17	.05			T.						T	T.	.63	.12	.84	T.					.04	.76	8.19
Story	Ouachita																					2.52	1.75	2.53							.77		7.57
Stuttgart	Arkansas	.25										.05										1.70	5.24	.80	.86	.15						2.10	11.15
Stuttgart [Evap]	Arkansas	.13	T.								.03											2.99	2.91	.19	.56						1.39	.01	8 21
Subiaco	Arkansas	T.		T.	.04																.10	2.87	.43	1.22	1.38					T.	.67		6.71
Texarkana	Red						.42														1.03	5.30	.75	1.85	.10							.35	9.80
Thornburg	Arkansas										T.										.08	*	3.98	.73	.52					T.	.71		6.02
Turnpike	Arkansas			T																	.09	1.51	.13	1.66	.89						.71		4.99
Waldron	Arkansas																				.82	1.43	.16	3.59	.10	T.				T.	1.30		7.40
Warren	Ouachita	.92					.32				.18				.04							2.40	.70	.75							.70		6.01
Whitecliffs	Red						10															.56	3.09	.70	2.27	.10					.10		6.92
White Rock	Arkansas																																....
Wilson	Mississippi	.38																				3.17	1.20		.95								5.70
Wynne	St. Francis											05									.20	3.10	1.85		1.09						1.14		7.43
Yancopin	Arkansas	.96					.06	.20			T.	.26			.03						T.	.07	1.63	.52	.73	.10					.05	.88	5.45

Daily temperatures for January, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	62	58	51	53	58	54	52	41	40	43	45	45	47	51	53	68	70	65	66	69	59	57	63	63	38	30	39	55	56	60	34	53.1
	Minimum	39	27	28	34	25	34	27	16	22	27	26	29	18	31	21	41	48	37	28	42	56	47	49	33	25	15	14	17	37	31	13	30 2
Amity §§	Maximum	54	62	55	57	59	55	40	45	40	45	45	47	49	57	57	73	72	65	67	62	59	57	62	47	36	33	41	59	61	61	34	53.4
	Minimum	42	29	30	31	29	29	9	21	21	33	35	30	21	22	25	25	44	41	34	31	51	53	52	47	29	19	18	21	23	48	18	31 6
Batesville	Maximum	56	60	51	54	59	55	47	32	42	45	44	46	46	48	50	69	65	54	63	51	55	55	60	60	38	30	36	49	58	59	32	50.6
	Minimum	31	25	28	30	24	35	29	15	24	31	25	29	19	30	21	42	46	34	27	39	46	48	44	35	25	16	17	17	38	28	14	29.4
Bee Branch	Maximum	60	60	55	55	55	53	57	35	37	40	39	45	45	46	46	70	68	58	62	61	61	62	60	60	36	29	36	50	53	53	30	50.9
	Minimum	33	23	29	33	24	35	29	12	20	34	25	27	18	33	20	33	45	35	30	43	50	48	47	35	24	14	18	19	34	30	13	29.5
Benton	Maximum	61	61	54	52	58	55	44	42	42	44	45	48	49	57	54	70	72	59	65	63	61	60	67	63	41	35	41	56	59	61	36	54.0
	Minimum	36	25	28	32	23	34	26	17	22	28	30	25	23	30	21	35	44	35	29	45	56	51	52	37	29	19	16	18	39	34	18	30.9
Bentonville ***	Maximum	52	56	48	48	54	45	29	39	39	44	51	39	47	41	57	70	58	60	56	50	49	54	56	53	28	23	36	57	58	59	31	48.0
	Minimum	30	27	37	24	27	27	19	16	29	30	32	27	24	26	25	47	37	36	35	42	41	40	43	28	17	9	19	24	47	13	7	28.5
Blytheville	Maximum	50	51	48	49	57	50	38	34	47	46	44	43	47	48	56	67	59	47	55	60	58	59	65	62	37	30	35	46	62	58	37	49.8
	Minimum	39	35	26	32	27	32	25	16	24	31	30	31	21	31	34	36	40	33	29	35	49	48	41	37	25	16	17	18	35	37	16	30.5
Booneville	Maximum	61	62	55	55	58	55	48	42	41	51	59	54	53	53	57	77	70	61	68	64	61	56	57	60	39	29	44	64	60	62	35	55.2
	Minimum	34	25	32	34	23	36	29	17	26	27	25	30	17	36	22	44	47	42	30	49	49	48	50	36	27	15	16	22	43	28	13	31.4
Brinkley	Maximum	60	60	52	55	58	52	47	40	44	44	46	51	48	44	52	71	69	61	63	71	62	62	69	69	41	38	36	51	69	64	37	54.4
	Minimum	40	28	28	34	25	31	32	21	25	32	33	31	21	35	22	37	52	37	29	41	56	50	52	38	29	19	18	21	36	35	19	32.5
Camden	Maximum	64	60	57	57	61	61	51	42	43	42	50	53	51	62	62	73	75	73	68	74	74	71	73	66	47	38	43	60	64	65	41	58.7
	Minimum	47	31	34	40	36	41	30	23	31	37	38	30	25	33	26	55	50	39	34	43	61	55	54	39	33	26	26	31	46	39	22	36.6
Conway	Maximum	61	55	56	59	55	51	49	37	42	45	47	45	51	50	55	73	72	61	64	64	60	61	65	71	50	34	41	57	63	61	34	54.5
	Minimum	34	26	30	37	25	37	29	18	24	33	28	30	20	30	23	37	48	39	29	45	55	50	51	35	28	18	17	17	39	32	16	31.6
Corning	Maximum	59	53	50	51	60	53	37	33	48	42	41	41	42	45	49	65	63	48	53	44	52	55	59	59	37	31	35	46	60	59	29	48.4
	Minimum	29	26	25	28	25	34	19	15	22	31	30	29	19	32	19	39	44	33	27	36	42	42	39	35	22	14	17	16	36	28	12	27.9
Cornerstone	Maximum	..	..	..	..	..	..	..	..	..	..		.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..		..	..	..	..	..		..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Crossett	Maximum	61	58	56	58	58	50	47	43	44	43	56	55	46	61	55	73	69	69	68	73	79	78	78	64	47	40	42	58	68	67	45	58.4
	Minimum	43	24	27	32	30	40	28	19	29	37	40	33	22	32	25	33	33	41	35	44	59	58	56	40	31	25	16	19	39	45	23	34.1
Dardanelle	Maximum	62	62	55	57	56	59	53	55	40	46	54	49	..	54	54	75	68	62	63	58	59	56	58	58	40	29	42	55	60	62	33	54.5
	Minimum	34	27	32	38	26	35	27	19	26	29	30	29	..	35	23	34	49	41	30	45	53	49	49	37	27	17	18	23	38	31	16	32.2
De Queen	Maximum	63	62	56	60	55	58	49	44	43	46	51	50	48	59	57	73	74	69	65	65	62	61	60	61	44	34	50	61	61	63	41	56.3
	Minimum	40	29	33	36	34	43	27	20	28	37	39	30	22	26	28	34	45	45	34	45	58	55	55	39	30	21	21	27	45	34	19	34.8
Devils Knob	Maximum	50	56	47	54	57	43	36	35	36	42	42	42	42	44	50	66	62	58	66	53	54	61	54	54	30	24	34	50	47	53	32	47.5
	Minimum	32	37	38	27	38	35	21	15	23	29	28	25	25	30	21	38	38	40	39	43	46	43	45	29	14	4	10	22	40	17	4	28.9
Dumas	Maximum	66	60	54	54	61	48	47	42	46	46	48	54	55	60	57	73	65	70	69	74	70	64	76	63	55	42	36	55	68	65	37	57.4
	Minimum	40	29	44	34	28	40	31	22	29	38	38	33	26	36	26	39	40	43	34	46	62	55	55	38	31	23	19	22	39	37	22	35.5
El Dorado	Maximum	61	60	60	58	61	54	42	44	41	42	52	54	47	60	58	72	73	73	67	74	81	74	74	64	47	38	43	60	65	65	47	58.4
	Minimum	44	30	33	40	38	42	30	24	34	38	40	35	27	35	29	45	55	44	38	54	65	57	57	40	32	25	20	28	44	37	23	38.2
England	Maximum	61	60	54	55	57	50	46	41	43	42	45	46	..	56	53	70	69	61	..	64	61	59	64	62	53	39	39	54	59	59	45	54.0
	Minimum	39	42	31	38	28	38	30	21	27	32	31	25	..	33	25	38	50	37	..	32	56	51	51	37	29	21	20	23	40	30	20	33.6
Eureka Springs	Maximum	55	57	51	52	56	49	34	35	41	46	49	48	49	45	62	72	66	55	56	50	48	56	55	55	32	26	37	59	55	59	32	49.7
	Minimum	30	32	39	23	35	32	20	14	24	31	31	27	25	31	23	46	37	36	34	40	43	42	41	31	17	8	14	20	49	19	5	29.0
Fayetteville	Maximum	53	58	53	49	54	48	37	39	39	46	49	46	47	44	57	70	68	62	60	57	57	50	58	55	35	23	36	55	55	59	33	50.1
	Minimum	25	25	34	26	24	35	22	16	29	31	31	28	23	31	23	47	38	34	36	44	43	43	38	31	18	9	16	22	46	16	9	28.8
Fordyce	Maximum	..	..	..	56	59	54	47	41	42	43	48	51	50	56	56	71	70	66	64	72	70	65	72	63	42	35	38	57	63	65	40	55.6
	Minimum	..	..	..	37	30	41	29	23	31	33	37	34	26	34	27	40	53	43	35	47	59	55	54	38	31	22	19	24	44	38	20	35.9
Fort Smith***	Maximum	57	58	50	52	52	53	37	43	40	49	55	44	52	50	53	74	65	60	63	57	56	54	57	55	33	27	43	62	63	63	33	51 9
	Minimum	37	32	38	36	28	35	27	22	29	36	31	31	23	34	28	40	47	44	34	47	50	47	50	33	24	16	22	27	45	20	14	33.1
Gilbert	Maximum	64	56	65	50	55	62	56	36	33	45	51	50	44	50	58	71	74	67	51	65	49	51	53	59	43	29	30	38	57	62	46	52.3
	Minimum	25	20	21	23	18	29	29	14	19	29	20	24	13	15	14	40	38	29	24	28	43	45	39	42	23	14	12	15	23	36	10	25.0
Grannis	Maximum	60	62	51	49	49	48	48	36	39	42	44	44	41	49	49	66	65	56	51	59	61	57	59	58	41	30	44	52	58	58	43	50.6
	Minimum	33	27	29	31	27	37	25	16	22	33	35	31	17	24	22	31	43	41	31	46	51	51	52	35	27	17	16	20	39	29	9	30.5
Gravette§§	Maximum	53	62	52	48	59	42	47	42	44	49	56	40	52	44	61	75	59	64	60	62	63	60	61	46	36	26	38	64	63	37	35	51.6
	Minimum	23	23	24	24	22	25	19	14	20	28	28	28	18	25	20	25	36	36	31	31	32	34	40	35	18	9	9	20	32	26	7	24.6
Green Mountain	Maximum	51	56	50	51	58	51	42	28	40	45	43	44	43	43	50	69	67	54	59	51	53	50	55	59	34	26	33	52	54	58	29	48.3
	Minimum	36	34	39	26	36	39	19	16	23	31	30	29	25	35	22	40	45	31	31	38	41	42	41	30	18	10	13	22	40	23	7	29.4
Harrison	Maximum	50	54	49	47	55	47	33	33	42	46	49	46	45	43	56	73	66	53	56	47	48	52	51	51	34	25	33	57	54	59	27	47.8
	Minimum	27	25	27	25	22	33	23	15	21	34	28	29	18	34	18	43	39	34	27	38	42	42	36	32	19	11	15	17	25	21	8	26.7
Helena	Maximum	62	57	51	49	57	47	45	40	49	43	45	47	47	52	51	67	68	57	64	69	68	60	72	69	40	32	32	48	63	61	38	53.2
	Minimum	39	29	30	33	28	37	31	18	28	37	39	33	24	34	32	39	52	40	31	47	57	52	52	34	30	20	16	22	37	36	20	34.1
Highland	Maximum	64	63	60	58	59	55	51	52	53	45	50	50	55	50	60	75	78	75	65	66	65	67	63	64	40	37	44	69	67	67	40	58.3
	Minimum	41	38	37	39	35	42	30	32	31	31	36	35	26	31	33	46	47	44	37	50	57	58	58	36	29	20	19	35	47	32	17	37.1
Hope §§	Maximum	55	56	56	55	59	53	42	43	40	43	52	49	49	59	55	69	74	68	67	65	61	61	67	52	39	34	46	58	67	68	..	55.4
	Minimum	44	30	32	34	35	36	31	21	24	34	36	33	24	24	28	28	42	42	35	35	54	55	54	52	31	23	19	21	26	46	20	33.8
Hot Springs	Maximum	60	61	51	56	58	55	49	41	40	44	45	47	49	57	54	73	71	62	65	60	61	58	63	62	39	33	42	58	58	60	36	53.8
	Minimum	36	30	32	35	29	40	28	20	26	31	31	34	23	35	25	40	50	43	32	47	56	53	52	35	28	18	17	23	40	33	17	33.5
Jonesboro	Maximum	58	56	52	50	58	51	46	33	46	45	42	44	47	45	50	66	63	55	57	55	58	56	62	64	37	29	34	47	61	58	31	50.2
	Minimum	36	30	28	34	29	36	27	19	24	35	31	33	22	33	23	40	49	38	30	39	47	44	44	33	25	16	17	17	38	30	15	30.9
Lead Hill	Maximum	50	48	49	48	61	48	34	31	43	42	52	42	51	45	59	78	70	53	54	47	47	47	52	56	36	23	30	52	57	62	27	48.1
	Minimum	19	18	21	20	16	32	21	10	14	31	18	28	11	34	13	35	38	24	19	32	41	42	31	32	18	10	11	12	39	22	8	23.2
Little Rock.***	Maximum	54	57	54	53	56	53	37	38	43	44	45	45	47	52	52	69	67	54	61	65	59	55	66	61	35	31	35	55	61	61	30	51.5
	Minimum	39	35	38	38	31	34	30	25	30	33	31	31	26	35	31	42	52	40	36	48	51	51	52	35	26	20	20	25	46	24	18	34.6
Little Rock [Airway]	Maximum	56	59	54	54	59	53	47	38	43	45	46	48	49	54	53	70	70	58	62	66	61	58	66	63	40	32	36	56	61	62	33	53.3
	Minimum	40	28	30	36	28	38	30	20	26	31	29	29	21	33	23	35	50	37	30	42	55	50	52	37	28	20	20	23	39	32	18	32.6
Lutherville	Maximum	58	58	53	52	54	56	47	40	38	37	48	47	47	51	48	72	70	61	65	55	57	56	57	59	37	30	38	53	56	60	35	51.5
	Minimum	35	31	35	35	27	35	25	17	24	33	27	23	20	32	22	37	48	41	32	44	52	47	47	35	23	13	16	21	44	25	11	31 2
Magnolia	Maximum	63	60	59	58	60	56	52	43	..	48	53	53	49	60	58	72	72	74	78	73	78	75	72	62	48	38	48	62	64	64	40	59.7
	Minimum	45	30	33	41	38	43	29	23	..	33	36	34	26	31	31	43	50	44	38	52	63	56	51	45	31	25	20	28	45	40	21	37.5
Mammoth Spring	Maximum	55	56	51	53	59	53	37	31	45	43	40	40	46	41	49	71	65	54	52	47	52	57	52	59	35	26	35	51	56	56	31	48 3
	Minimum	24	21	22	25	19	33	25	12	17	32	21	23	14	31	16	37	42	31	26	34	42	42	37	32	19	11	13	12	36	26	9	25.3
Marianna	Maximum	61	58	58	51	58	47	45	36	43	43	46	47	46	52	50	69	69	69	62	68	66	61	71	71	42	31	33	47	63	60	30	53.3
	Minimum	43	49	29	35	28	36	32	21	37	37	39	34	23	35	25	38	38	38	30	42	57	51	53	38	30	20	20	24	39	40	20	34.2
Marked Tree§§	Maximum	54	56	50	50	57	50	37	39	47	46	43	45	46	46	50	67	64	48	60	64	58	55	65	53	32	30	33	46	62	58	29	49.7
	Minimum	37	30	28	31	26	32	29	19	22	24	31	33	22	27	23	25	43	33	27	28	48	44	44	47	26	17	18	19	25	41	17	29 5
Mena	Maximum	60	45	52	54	57	54	42	45	39	43	44	43	46	53	55	70	71	66	67	60	58	57	57	56	36	26	47	59	57	58	36	52.0
	Minimum	38	31	34	35	30	38	30	19	27	32	36	30	20	29	25	42	45	44	38	46	53	49	51	34	26	15	19	23	49	25	13	33.1
Monticello	Maximum	54	58	50	54	58	46	41	40	43	42	47	53	48	58	54	71	68	70	63	72	72	66	71	68	41	35	32	50	64	65	49	55.1
	Minimum	47	43	34	34	34	36	33	25	32	35	39	33	26	33	28	44	52	46	36	40	58	56	55	40	31	24	20	24	44	56	23	37.5
Morrilton	Maximum	65	63	63	62	61	59	57	53	53	51	50	49	49	53	70	73	71	68	65	69	63	62	62	62	62	61	58	58	59	61	60	60 4
	Minimum	39	31	33	40	30	38	27	20	26	33	28	31	20	38	24	30	49	39	29	43	51	49	49	37	27	18	20	22	39	31	15	32.5
Mountain Home	Maximum	58	59	53	53	62	53	34	28	42	49	47	42	48	44	53	74	66	50	54	44	50	53	56	54	35	27	37	57	55	60	40	49.6
	Minimum	25	24	27	23	22	32	24	14	20	29	23	29	17	33	17	34	40	31	25	38	41	42	35	31	20	10	14	16	38	22	8	25.9
Mt. Ida	Maximum	60	63	49	48	58	51	50	47	39	46	45	45	48	49	57	72	68	58	67	59	59	58	59	58	39	39	45	55	59	59	..	53.6
	Minimum	30	21	25	28	22	32	25	13	21	27	24	25	12	29	17	42	43	30	26	36	52	54	49	36	27	17	11	16	47	30	..	28.9
Newport	Maximum	60	56	52	52	57	54	49	35	44	46	44	46	48	48	51	69	65	53	58	52	57	58	65	64	39	31	36	48	56	59	31	51.1
	Minimum	33	34	27	36	24	35	31	19	23	30	31	29	20	32	22	39	49	35	27	39	46	47	48	33	26	13	21	22	39	30	16	30.8
Oden	Maximum	57	61	52	57	57	57	39	43	41	44	47	46	47	55	58	72	72	65	67	57	56	56	60	51	33	30	45	62	60	59	36	53.0
	Minimum	35	27	34	36	28	35	27	16	26	31	35	25	17	31	22	46	48	38	32	46	50	48	51	33	27	15	16	19	52	23	13	31.7
Okay	Maximum	69	62	58	60	61	58	56	57	44	45	56	53	51	63	62	75	75	73	71	67	64	62	62	65	48	41	48	62	64	63	43	59.3
	Minimum	45	30	33	37	33	41	27	22	26	29	37	32	22	27	27	32	46	41	34	49	58	55	52	39	32	25	22	25	48	41	20	35.1
Ozark	Maximum	52	60	54	53	55	59	47	46	40	40	40	44	44	42	48	66	66	60	61	58	58	55	57	58	40	26	39	48	57	57	28	50.3
	Minimum	29	46	31	32	31	32	32	15	26	35	32	28	16	30	31	33	40	37	28	45	48	48	48	34	24	12	15	21	26	25	10	30.3
Pine Bluff	Maximum	62	59	55	52	60	50	44	40	45	42	47	51	52	59	55	72	70	62	65	72	67	61	71	63	42	37	39	58	65	63	35	55.3
	Minimum	43	30	31	38	29	40	31	25	29	37	36	35	25	34	27	42	55	42	35	45	58	52	53	38	30	22	20	24	44	33	21	35.6
Pocahontas	Maximum	61	54	57	52	59	55	51	38	45	49	43	43	45	45	47	65	65	55	56	52	54	55	54	60	37	30	36	46	57	57	32	50.2
	Minimum	52	27	28	30	25	33	27	15	21	36	30	27	18	31	21	38	47	34	35	38	43	45	40	36	23	14	16	16	32	30	12	29.0
Portland	Maximum	63	57	54	56	58	52	48	43	45	43	54	55	47	61	56	73	71	72	67	73	79	73	76	70	43	38	38	56	68	68	49	58.3
	Minimum	42	29	31	36	31	41	31	24	30	36	39	34	26	33	26	36	51	43	36	45	60	58	56	56	31	24	20	23	40	49	23	36.8

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day

Weather Bureau Office, Little Rock, Ark. 3-2-38-1150

Daily temperatures for January, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott	Maximum	63	60	57	57	67	58	52	43	41	43	52	52	50	61	59	73	73	70	68	66	65	61	68	62	45	37	44	62	62	63	40	57.2
	Minimum	34	31	33	35	35	43	30	22	29	37	33	35	24	32	28	39	51	42	36	48	57	56	53	44	31	23	20	23	47	39	20	35.8
Rogers	Maximum	53	58	52	50	56	51	47	42	41	47	51	49	49	46	59	73	67	59	60	52	59	53	57	56	35	25	38	57	58	60	33	51.4
	Minimum	24	22	28	24	20	35	21	14	26	31	29	28	18	32	20	48	39	36	30	42	43	42	34	31	18	19	13	18	47	20	6	27.7
Russellville [Evap]	Maximum	65	62	53	51	58	59	64	42	40	46	53	51	50	54	54	75	70	68	63	60	59	58	59	60	40	30	42	56	59	68	35	55.0
	Minimum	34	27	30	28	25	33	27	19	23	29	28	26	18	30	22	32	44	36	29	15	52	50	49	38	27	17	17	21	33	30	16	30.2
St. Charles	Maximum	64	54	57	53	51	57	46	36	40	44	42	47	48	48	54	53	71	70	59	65	71	63	60	72	58	38	32	34	51	64	63	53.7
	Minimum	46	28	30	32	25	27	32	23	23	31	37	37	22	22	25	25	45	41	33	34	52	55	52	56	30	21	19	22	27	37	21	32.6
Searcy	Maximum	60	60	53	56	59	55	51	38	43	45	45	49	46	52	51	69	64	59	61	57	59	59	65	65	39	33	38	50	58	60	32	52.6
	Minimum	33	26	29	36	24	34	30	19	22	34	29	27	20	32	22	35	47	36	29	41	51	49	50	39	27	17	17	20	37	32	16	31.0
Stuttgart	Maximum	60	58	54	52	58	51	43	39	44	44	48	49	49	55	53	72	74	63	65	72	66	61	72	62	39	34	35	45	64	62	36	54.2
	Minimum	40	27	29	34	27	34	30	20	24	36	34	32	22	33	23	36	50	38	32	46	53	50	50	37	28	20	18	21	35	35	18	32.6
Subiaco	Maximum	59	61	54	52	56	56	49	43	41	49	52	48	52	52	58	75	70	63	67	60	62	56	57	63	40	28	40	61	60	64	37	54.4
	Minimum	39	31	35	37	27	36	28	19	25	32	25	35	21	38	24	36	52	41	34	47	51	48	49	36	26	16	20	22	47	29	15	32.9
Texarkana	Maximum	62	62	61	52	59	56	51	45	41	45	58	54	50	63	60	75	75	75	69	66	67	62	66	63	45	38	52	65	64	62	40	58.2
	Minimum	38	30	39	42	39	44	31	22	35	37	38	37	26	32	31	45	52	47	42	52	60	54	52	40	31	24	22	30	48	34	21	37.9
Thornburg	Maximum	64	60	52	55	59	55	50	45	40	44	47	45	47	53	53	71	69	59	66	66	59	55	63	63	38	30	39	57	59	60	33	53.5
	Minimum	28	21	26	28	20	31	25	13	25	27	23	25	14	33	16	44	52	35	24	39	52	48	49	32	22	16	13	19	43	31	14	28.6
Turnpike	Maximum	45	56	55	54	52	51	39	36	36	42	41	42	44	45	48	62	67	56	67	55	55	57	57	55	31	22	34	50	50	55	33	48.0
	Minimum	33	37	38	27	38	37	25	16	23	29	29	27	25	31	25	39	45	37	38	43	41	42	43	30	16	7	12	22	40	17	5	29.6
Warren	Maximum	61	60	54	57	59	52	47	42	44	42	48	52	48	56	57	71	71	70	67	74	76	70	73	63	42	36	40	56	65	63	48	56.9
	Minimum	46	40	30	38	33	42	29	24	30	36	39	34	32	34	29	42	54	44	36	45	63	55	55	40	31	22	19	25	43	40	21	37.1
White Rock	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Wilson	Maximum	62	56	50	48	56	49	46	46	46	49	44	44	45	48	49	64	67	53	58	63	60	57	66	58	43	31	32	47	64	60	59	52.7
	Minimum	35	26	26	35	30	35	27	16	26	34	35	30	23	34	22	39	38	32	27	35	54	46	48	36	26	17	16	20	37	32	17	30.8
Wynne	Maximum	59	60	52	53	59	49	47	57	57	44	44	47	47	50	51	70	66	57	60	68	60	56	69	68	39	36	35	47	64	60	42	54.0
	Minimum	34	26	26	29	23	35	29	21	13	30	29	27	20	31	20	46	46	32	27	28	54	47	48	35	25	17	16	21	38	40	18	30.0

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.061	.099	.100	.051	.062	.087	.021	*	*	.129	.019	.004	.068	.102	.130	.143	.076	.109	.091	.090	.011	....	....	....	....	.049	.141	.050	.170	.481	.019	2.713
	Mean tem.	50	43	44	44	47	44	35	32	32	38	44	41	36	42	42	48	58	55	51	50	58	58	60	52	35	28	32	[illegible]	46	57	...	44.6
	Wind move	69	32	28	18	23	29	47	41	16	23	34	27	52	53	55	70	63	28	37	29	37	57	79	95	126	109	47	20	67	125	94	1,630
Russellville [Ozark Nursery]	Evap.	.147	.076	.040	.044	.040	.062	.072	.032	.012	.010	.016	.068	.040	.098	.044	.080	.112	.086	.040	.044	...	.046	....	.112	*	*	*	*	.456	.120	.068	2.101
	Mean tem.	50	44	42	40	42	46	46	30	32	38	40	38	34	42	38	54	57	52	46	52	56	54	54	49	34	24	30	38	46	49	26	42.6
	Wind move	4	8	59	14	40	20	62	27	11	16	30	66	34	100	24	59	47	27	13	13	43	25	37	112	213	105	2	70	67	135	63	1,546
Stuttgart [Rice Exp. Farm]	Evap.	.058	*	*	.126	*	.073	.042	*	*	.023	.013	.059	.040	.088	.041	.074	.101	.081	.038	.054	....	.	.037	.053	.128	*	*	*	*	.218	*	1.440
	Mean tem.	44	44	41	42	42	39	....	....	33	42	43	40	38	38	48	49	54	52	52	49	53	62	59	47	32	28	36	43	....	50	..	44.0
	Wind move	129	19	15	20	23	31	101	*	64	19	83	68	50	154	43	112	65	66	28	96	69	64	111	252	346	215	53	70	*	359	117	2,862

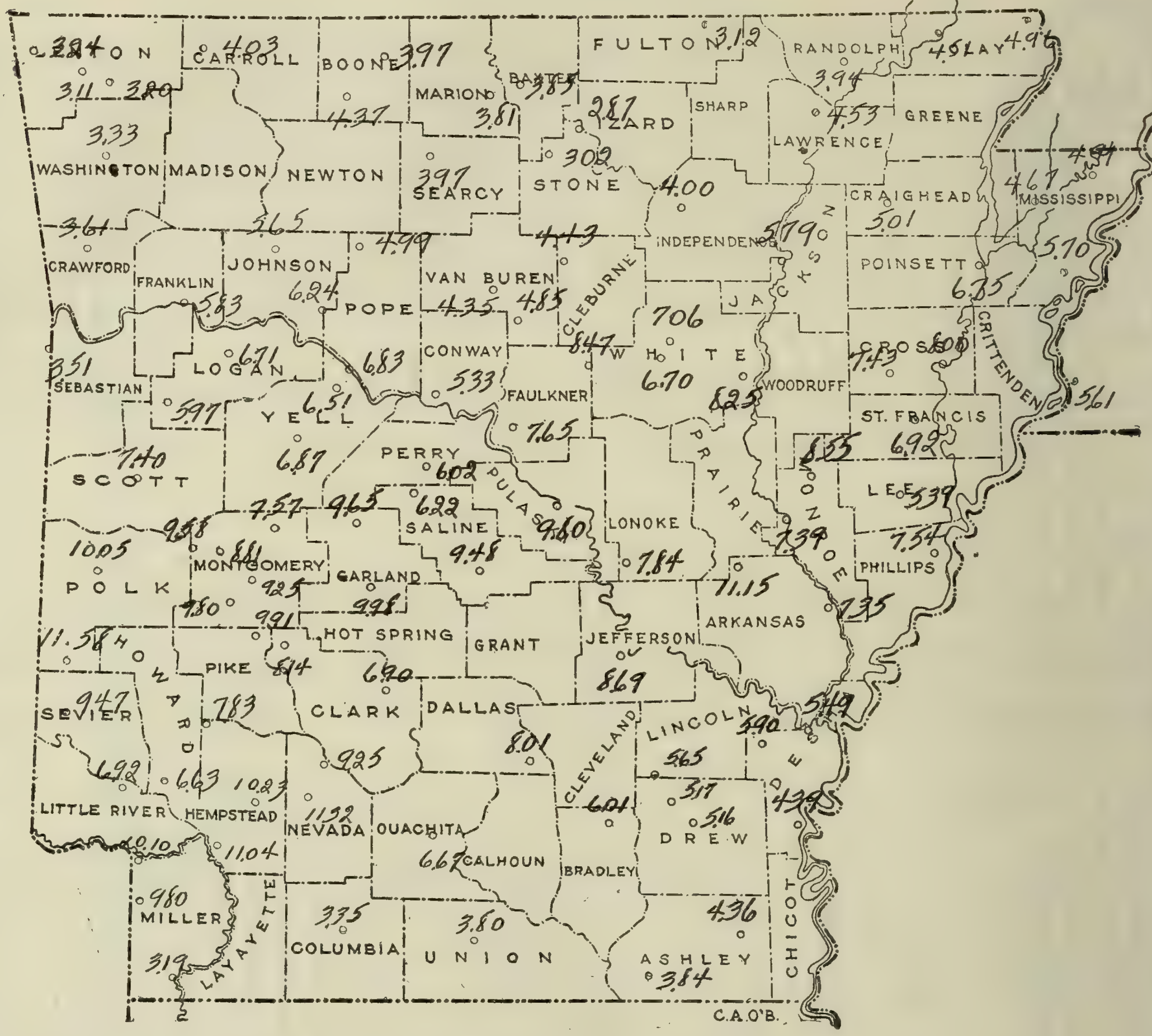
Daily River Stages for January, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith ¶	Arkansas	22	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.2	5.0	....	....		....	....	....	..	..	7.2	8.0	10.4	13.2	14.2	14.4	13.6	12.0	9.8	7.6
Van Buren	do	22	4.8	4.8	4.6	4.4	4.0	4.2	4.2	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.8	3.5	3.4	3.4	3.6	6.4	7.2	10.7	12.8	13.8	14.2	13.6	11.9	9.6	7.6
Danville	Petit Jean	20	8.6	8.0	7.5	7.2	6.1	5.8	5.5	5.4	5.1	4.8	4.6	4.5	4.4	4.3	4.1	3.9	3.8	3.8	3.7	3.6	8.3	20.9	22.9	25.3	26.5	26.3	23.9	21.9	20.1	17.3	20.5
Ozark	Arkansas	22	1.2	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.1	0.1	0.6	0.0	0.0	2.4	3.0	9.9	9.9	9.9	9.7	9.4	7.4	6.3	4.9
Dardanelle	do	22	4.4	4.3	4.2	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.2	3.0	3.0	2.8	2.8	2.8	2.7	2.7	2.6	2.6	4.0	6.9	7.5	14.1	15.9	14.1	13.6	13.3	12.6	11.2	9.9
Morrilton	do	20	1.4	1.1	0.6	0.6	0.3	0.1	-0.1	-0.2	-0.4	-0.6	-0.6	-0.8	-0.9	-1.0	-1.1	-1.2	-1.5	-1.3	-1.4	-1.6	-1.0	3.2	4.7	8.4	13.8	12.2	11.9	11.8	11.5	10.4	9.5
Little Rock	do	23	3.0	2.7	2.3	2.0	1.7	1.4	1.2	1.0	0.8	0.6	0.4	0.3	0.2	0.0	-0.1	-0.2	-0.3	-0.4	-0.5	-0.6	-0.7	3.9	6.9	8.2	14.2	14.9	14.3	14.2	13.9	13.0	11.9
Pine Bluff	do	25	7.1	6.6	6.2	5.8	5.5	5.1	4.9	4.7	4.4	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	5.6	9.9	12.3	15.6	18.5	18.3	17.9	17.8	17.3	16.9
Gilbert	Buffalo	30	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.4	5.9	5.4	16.0	9.4	6.8	6.0	5.8	5.4	5.2	5.3
Doniphan, Mo.	Current	10	2.5	2.4	2.4	2.8	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.3	2.6	2.8	3.4	3.8	3.8	3.8	4.2	4.6	4.2	3.8	3.8	3.8
Black Rock	Black	14	6.5	6.3	6.0	5.7	5.3	4.9	4.5	4.0	3.7	3.4	3.3	3.1	3.1	2.8	2.8	2.7	2.7	2.5	2.5	2.4	3.0	1.6	4.8	7.9	11.1	11.0	10.6	10.3	9.6	8.9	11.2
Judsonia	White	..	16.1	15.0	14.2	13.2	12.2	11.3	10.6	9.8	9.2	8.6	8.0	7.5	7.0	6.5	6.1	5.6	5.4	5.1	4.9	4.7	7.8	20.9	24.5	23.6	27.1	30.5	25.6	23.4	23.1	23.4	25.3
Ozark Beach Mo	White	30	-0.6	-0.6	-0.1	-0.2	0.0	0.2	0.8	-0.6	-0.6	-0.6	-0.7	-0.6	-0.6	-0.6	-0.5	1.0	-0.3	-0.6	0.6	-0.6	-0.2	4.4	2.0	5.6	11.2	14.2	12.0	7.6	6.0	5.0	5.2
Cotter	do	21	3.9	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.5	4.8	6.6	11.5	12.0	13.9	12.8	10.1	7.0	6.1
Calico Rock	do	18	1.8	1.4	1.3	1.3	1.5	1.5	1.4	1.3	1.4	1.3	1.1	0.7	0.9	1.0	0.7	0.7	0.7	0.6	0.8	0.7	1.0	1.6	2.7	10.7	16.7	13.1	12.9	12.4	8.5	6.6	6.2
Batesville	do	23	7.3	6.9	6.5	6.3	6.3	6.3	6.4	6.1	6.1	6.3	6.1	5.9	5.4	5.6	5.5	5.4	5.3	5.3	5.3	5.3	5.9	8.0	7.7	11.0	21.0	22.7	19.8	20.1	17.6	14.0	13.7
Newport	do	26	8.4	7.4	6.8	6.0	5.5	5.1	4.9	4.6	4.1	3.9	3.8	3.3	3.0	2.5	2.5	2.4	2.2	2.1	2.0	1.9	2.2	4.5	6.9	8.1	16.0	21.2	22.5	22.5	22.5	21.1	20.2
Georgetown	do	21	14.7	14.0	13.2	12.2	11.3	10.6	9.8	9.2	8.5	7.9	7.3	6.7	6.0	5.6	5.3	5.0	4.8	4.5	4.2	4.0	4.0	8.7	14.1	16.1	17.5	19.6	20.4	20.6	20.8	21.2	21.8
Clarendon	do	26	23.3	23.3	23.2	23.1	22.8	22.4	21.9	21.4	20.7	20.0	19.2	18.4	17.7	16.9	16.2	15.6	14.9	14.4	13.9	13.5	13.5	17.9	21.2	22.5	23.5	24.3	25.2	25.8	26.2	26.4	26.7
St. Charles	do	..	22.1	22.3	22.4	22.5	22.5	22.5	22.3	22.1	21.8	21.2	20.5	19.8	18.9	18.0	17.1	16.3	15.5	14.9	14.4	13.9	13.5	16.5	18.8	21.0	22.0	22.7	23.3	23.8	24.2	24.4	24.9
Arkadelphia	Ouachita	17	10.0	9.1	8.2	8.4	8.2	8.2	8.1	8.0	7.9	7.6	7.9	7.9	8.0	7.7	7.5	6.2	4.8	6.4	7.4	7.5	10.0	24.4	25.7	25.0	25.3	24.4	18.1	13.3	10.9	9.5	8.9
Boughton	Little Mo.	20	14.4	11.5	9.4	9.0	7.6	5.8	5.0	3.8	4.0	4.5	4.5	4.5	4.6	4.4	4.4	4.4	4.4	4.4	4.4	4.1	5.2	17.6	22.4	22.3	22.8	21.4	19.3	17.6	13.7	11.2	10.1
Camden	Ouachita	26	30.0	29.4	28.6	26.2	26.2	24.4	22.2	19.6	18.1	16.8	15.7	14.8	14.0	13.2	12.3	11.4	9.6	8.2	7.0	7.1	8.3	13.1	25.1	32.6	38.4	40.4	40.7	40.3	39.0	37.3	35.5
Whitecliffs	Little River	25	18.1	17.6	16.4	14.2	11.9	10.1	7.0	5.0	4.7	4.5	4.5	4.3	4.0	4.0	3.9	3.5	3.2	2.9	2.8	2.6	2.4	16.7	23.4	27.3	30.2	31.0	30.0	28.7	28.5	27.6	26.7
Index	Red	25	11.7	11.3	10.5	9.8	9.5	8.7	8.4	8.0	7.8	7.6	7.4	7.2	7.2	7.0	7.0	6.8	6.7	6.7	6.6	6.5	6.5	8.7	17.8	22.5	25.0	25.8	25.6	24.0	21.8	19.2	16.7
Fulton	do	25	15.4	14.8	14.3	13.0	12.3	11.0	10.1	9.4	9.0	8.6	8.2	8.0	7.8	7.6	7.4	7.3	7.2	7.1	7.0	6.9	6.9	11.3	18.6	23.8	27.7	30.8	32.8	32.9	31.8	30.8	28.9
Big Lake Outl't	Little River	10	10.4	10.4	10.3	10.2	10.1	9.9	9.7	9.4	9.6	8.7	8.3	8.0	7.7	7.4	7.2	7.0	6.8	6.7	6.7	6.6	6.7	7.2	7.6	8.6	9.7	10.2	11.0	11.6	11.9	11.9	12.1
St. Francis	St. Francis	18	11.1	10.1	9.4	8.7	8.2	8.2	7.5	7.3	7.2	6.9	6.7	6.5	6.4	6.2	6.0	5.9	5.7	5.5	5.4	5.3	5.9	6.4	9.1	13.6	16.6	17.4	17.4	17.8	18.4	18.7	19.7
St. Francis L.L.	do	..	23.7	23.7	24.1	24.1	24.1	24.1	24.0	23.8	23.7	23.5	23.4	23.2	23.0	22.9	22.7	22.6	22.4	22.4	23.3	22.2	22.1	22.3	22.3	22.5	22.6	22.7	23.0	23.2	23.4	23.6	23.9
Marked Tree	do	17	3.4	3.4	3.4	3.2	3.2	3.2	3.0	2.8	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9	5.0	5.8	6.1	6.2	6.4	6.1	5.4	4.7	4.4	5.0
Parkin	do	28	8.6	8.8	9.1	9.4	9.7	9.9	10.0	10.0	10.0	9.9	9.7	9.4	9.1	8.7	8.3	7.9	7.6	7.2	6.8	6.4	8.2	12.7	15.2	16.4	16.9	16.7	16.3	15.5	14.6	13.5	13.2
Madison	do	32	10.4	10.7	11.1	11.5	11.8	12.0	12.0	12.0	11.9	11.7	11.5	11.2	10.8	10.4	10.0	9.5	9.2	8.8	8.4	8.0	9.5	14.1	15.3	16.8	17.2	17.3	16.8	15.4	14.9	14.4	14.7
Helena	**Mississippi**	42	25.4	25.8	25.9	25.6	24.8	24.0	22.8	21.7	20.6	19.8	19.0	18.4	17.7	17.1	16.5	15.9	15.0	13.7	11.9	9.7	9.1	9.8	10.9	11.5	12.3	14.1	16.6	19.2	21.4	23.2	24.9
Arkansas City	do	42	19.8	20.2	20.5	20.6	20.4	20.0	19.4	18.5	17.7	16.9	16.3	15.7	14.9	14.2	13.6	12.8	12.3	11.5	10.4	8.9	7.1	6.1	6.5	8.2	10.0	12.2	14.9	16.8	18.6	20.2	21.4

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O ddresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cornerstone, Route 1, Altheimer; Devils Knob, Salus; Green Mountain, Calico Rock; ndex, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |||| 24 hours ending a.m. Data in italics interpolated. *Included in next measurement. ¶All pool stages except 22d to 31st, inclusive.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipita- on with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for he period to 1965, inclusive.

Precipitation for January, 1938



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UNIVERSITY OF ILLINOIS 1938

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

VOL. XLIII LITTLE ROCK, ARK., FEBRUARY, 1938 No. 2

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The month of February averaged above normal in both temperature and precipitation. The monthly rainfall, most of which occurred during a five-day period, caused flood conditions on every river in the State during the latter half of the month.

The monthly mean temperature, based on the reports of 68 stations, was 50.9°, which is 7.3° above the 48-year average. This was the warmest February since 1932. The mean temperatures ranged from 56.5° at Magnolia in the southern part of the State to 45.6° at Devils Knob in the northern part. The highest temperature recorded during the month was 87° at Wilson on the 10th and at Wynne on the 12th. The lowest temperature was recorded on the 1st at nearly all stations, the lowest being 8° at Gravette and Mountain Home. The greatest daily range was 52° at Searcy.

The average precipitation, for the 100 stations reporting was 6.08 inches, which is 2.76 inches above 48-year average. This was the wettest February since 1903. Heavy rains were recorded during the period from the 14th to the 18th, and scattered showers continued in some sections until the 22d. Monthly amounts exceeding 10 inches were reported in Johnson, Garland and Crawford counties. The average number of days with 0.01 or more was 7. Snowfall averaged 0.1 inch, measurable amounts being reported in the northwestern counties and Mississippi County.

The weather was favorable for crops and farm work the first two weeks and the last week of the month. Large areas in the lowlands were inundated by flood waters during the last two weeks and crops in these areas were destroyed. Only a small acreage of spring crops had been planted before the heavy rains occurred. Peaches, plums and pears were in bloom in the southern and some central portions, and buds were developing rapidly in the northern section by the middle of the month. A considerable per cent of the blooms was killed in some western counties by the low temperatures during the third week.

Floods were reported on every river in the State as a result of the heavy rainfall. Crest reports on the Arkansas River were as follows: Fort Smith, 33.2 feet on the 19th; Dardanelle, 29.5 feet on the 19th; Little Rock, 26.2 feet on the 22d; and Pine Bluff, 31.7 feet on the 23d. In the Ouachita basin the crest stages were as follows: Arkadelphia, 29.0 feet on the 19th; Boughton, 23.6 feet on the 19th; and Camden, 41.1 feet on the 22d. In the Red River basin the crest at Fulton was 36.4 feet on the 24th. On the White River the crest stages were as follows: Calico Rock, 42.0 feet on the 18-19th; Batesville, 39.5 feet on the 19th; Newport 33.4 feet on the 20th; Georgetown, 31.5 feet on the 23d; Clarendon, 35.0 feet on the 28th; and at St. Charles 31.8 feet on March 3d. The crest at St. Francis on the St. Francis River was 23.5 feet on the 24th. Red Cross officials estimated that 500,000 to 600,000 acres had been flooded in 21 counties, forcing 24,000 refugees to leave their homes.

In the Arkansas basin the losses were estimated at $171,500; In the White basin $114,800. Estimated losses on the Red River and Little River in southwest Arkansas totaled $160,900. In the Ouachita basin $9,500. Complete flood loss reports in the St. Francis basin have not been received to date. Four lives were lost in the flood waters.

O.D.N.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	5	5	.	.	.	1	3	2	5	4	.	3	9	11	6	5	.	1	1	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorm	.	.	.	.	.	1	.	.	.	.	.	.	3	9	2	3	13	10	.	.	.	.	.	.	.	.	.	.	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.21	30.57	7	29.76	18	8.6	27	se	14	..	.	..	45
Fort Smith	30.19	30.56	7	29.85	18	9.7	31	e	15	82	65	65	33
Little Rock	30.20	30.61	1	29.73	18	9.1	24	sw	18	84	68	63	42
Memphis	30.20	30.60	1	29.73	18	9.1	26	sw	19	80	68	60	37

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.5	80	6	2.92	...	8	10	9	9
1892	49.0	78	18	3.47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0.7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2.7	6	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2.7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	5	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	6	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4.31	0.3	9	9	8	11
1912	37.9	78	− 7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1.93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.31	2.5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47.8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1.9	8	11	4	13
1924	42.9	82	− 7	2.26	0.4	7	12	4	13
1925	49.3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35.4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3.92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	11
1932	52.0	86	9	4.72	T.	9	13	5	11
1933	41.5	82	−13	3.53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.41	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44.2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
Period	43.6	93	−29	3.32	1.7	7	11	6	11

Climatological Data for February, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	50.0	......	76[c]	10	15	1	36[c]	8.88	......	4.35	0.0	9	5	14	9	nw.	L. R. Water Works
Amity	Clark	500	43	50.7	+5.9	77	10†	18	1	39	5.86	+2.46	2.95	0.0	7	7	11	10	sw.	J. W. Campbell
Arkadelphia	Clark	200	43	55.6	......	83	5†	20	1	40	5.20	+1.59	3.20	0.0	7	9	10	9	e.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	54	......	......	......	......	......	......	......	3.02	−1.30	1.27	0.0	4	12	1	15	......	Herbert Neff
Batesville	Independence	277	39	50.1	+9.3	78	10	16	1	34	7.76	......	3.12	0.0	8	9	7	12	s.	Airway Observer
Bee Branch	Van Buren	700	46	48.8	+6.0	74	11†	19	1	45	5.50	+2.46	2.15	0.0	5	8	11	9	w.	J. E. Scanlan
Benton	Saline	285	3	50.2	......	79	27	17	1	44	5.09	......	3.68	T.	7	11	7	10	se.	S. A. Burks
Bentonville	Benton	1295	33	46.0	+6.4	73	11	17	19	29	7.33	+5.19	3.92	2.5	10	2	12	14	sw.	U. S. Weather Bureau
Big Lake Outlet.‡‡	Mississippi	239	8	......	......	......	......	......	......	......	4.58	......	2.17	0.7	8	8	4	16	......	C. J. Brooks
Black Rock	Lawrence	259	37	......	......	......	......	......	......	......	7.52	......	2.47	0.0	9	13	2	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	49.4	+4.2	77	11†	19	1	34	4.52	+1.74	2.21	0.5	8	15	2	11	s.	Samuel Norris
Booneville	Logan	465	24	50.2	+4.0	78	10	20	19	34	6.90	+4.30	2.98	T.	9	8	8	12	e.	F. H. Randolph
Boughton ‡‡	Nevada	235	3	......	......	......	......	......	......	......	5.04	......	3.65	0.0	5	8	6	14	......	Harry Buie
Brinkley	Monroe	205	51	52.7	+8.5	78	10	20	1	35	6.71	+2.51	4.75	0.0	10	11	5	12	sw.	R. J. Torry
Calico Rock	Izard	361	34	......	......	......	......	......	......	......	7.50	......	2.50	0.0	9	10	3	15	......	William Jones
Camden	Ouachita	116	53	54.9	+7.7	79	17†	23	1	35	3.15	−0.70	1.84	0.0	6	10	2	16	se.	J. M. Knight
Carthage	Dallas	297	33	51.8	+7.0	78	27	19	1	39	6.64	+2.98	4.34	0.0	4	6	15	7	s.	P. K. Wylie
Clarendon	Monroe	172	34	......	......	......	......	......	......	......	6.27	......	4.05	0.0	6	6	7	15	ne	R. M. Wheatley
Clinton	Van Buren	516	17	......	......	......	......	......	......	......	7.17	+4.20	2.40	1.0	7	6	8	14	s.	A. L. Stephens
Conway	Faulkner	309	55	52.2	+7.8	82	10†	18	1	38	8.88	+5.42	4.28	0.5	8	13	7	8	s.	E. E. Cordrey
Corning	Clay	208	45	48.6	+8.6	79	11	18	1	34	6.22	+2.87	2.36	0.0	8	10	5	13	w.	Winfred D. Polk
Cotter	Baxter	440	11	......	......	......	......	......	......	......	6.13	+3.48	1.86	0.0	8	8	4	16	......	O. B. McSpadden
Crosset (near)	Ashley	175	26	54.6	+5.2	79	13	17	1	41	2.91	−0.83	1.92	0.0	5	11	11	6	s.	U. S. Forest Service
Danville	Yell	827	22	......	......	......	......	......	......	......	7.07	+4.29	3.37	0.0	8	6	10	12	......	J. M. Patterson
Dardanelle	Yell	330	52	51.2	+6.4	80	10	21	1	36	8.44	+5.56	3.65	0.0	9	4	15	9	nw.	Geo. N. Goodier
De Queen	Sevier	426	3	52.9	......	80	27	20	1	40	7.15	......	2.59	0.0	7	11	5	12	ne.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	45.6	......	71	27	15	1	30	10.79	......	3.63	1.0	9	8	8	12	s	U. S. Forest Service
Dumas	Desha	162	33	54.8	+5.8	82	10	20	1	36	4.40	−0.21	2.55	0.0	7	6	10	12	s	Ben Johnson
El Dorado	Union	270	38	55.6	+6.6	80	17	22	1	33	3.61	+0.01	2.18	0.0	4	9	10	9	s.	Mrs. E. W. Gaston
England	Lonoke	229	32	52.3[a]	+5.5	78[a]	10	20[a]	1	31[a]	5.68	+1.88	...	0.0	8	11[a]	7[a]	9[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	38	48.0	+6.8	73	11	17	1	32	6.54	+4.08	1.83	1.0	7	11	7	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	51	47.7	+7.3	71	10	18	19	31	6.51	+4.31	2.08	0.8	9	4	14	10	sw.	University of Arkansas
Fordyce	Dallas	190	10	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	M. G. Taylor
Fort Smith	Sebastian	448	14	49.6	+6.8	75	10	22	19	31	9.21	+6.65	3.14	0.4	9	6	8	14	e	U. S. Weather Bureau
Fulton	Hempstead	260	58	......	......	......	......	......	......	......	4.23	+0.80	2.97	0.0	5	8	4	16	......	T. J. Logan
Georgetown	White	200	26	......	......	......	......	......	......	......	5.67	+1.99	3.65	T.	6	9	3	16	......	W. R. Putt
Gilbert	Searcy	600	13	46.0	......	75	11†	13	1	45	8.24	+6.01	2.55	0.0	7	10	3	15	......	F. J. King
Glenwood	Pike	547	3	......	......	......	......	......	......	......	7.14	......	3.50	0.0	11	7	18	3	......	C. A. Price
Grannis	Polk	900	19	48.8	+3.2	72	4†	16	1	43	7.39	+3.13	4.03	T.	12	7	9	12	s.	W. E. McVay
Gravette	Benton	1250	41	46.2	+7.1	78	11	8	1	51	9.87	+7.98	....	0.0	6	13	7	8	nw	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	47.9	......	74	11	14	1	32	7.22	......	2.17	T.	9	10	3	15	sw.	U. S. Forest Service
Harrison	Boone	1052	38	48.0	+9.0	75	10	17	1	34	7.86	+5.36	2.37	0.5	9	12	5	11	sw.	Louis R. Keck
Helena	Phillips	300	66	52.4	+7.3	79	10	18	1	31	5.00	+1.11	3.16	0.0	7	10	5	13	n	James A. Burnett
Higden	Cleburne	445	19	......	......	......	......	......	......	......	6.77	+4.09	3.10	0.0	7	13	3	12	e.	Austin E. Cartwright
Highland	Pike	491	19	52.8	......	78	12†	19	1	38	6.09	+2.72	3.83	0.0	6	4	16	8	s.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	52.2	+3.8	77	27	18	1	35	5.01	+1.19	3.25	0.0	5	5	13	10	ne.	Experiment Farm
Hot Springs	Garland	600	47	51.8	+4.8	78	10†	17	1	36	6.02	+2.51	3.80	T.	9	6	8	14	s.	National Park Service
Index ‡‡	Little River	275	21	......	......	......	......	......	......	......	3.83	+1.02	3.40	0.0	3	8	2	18	......	W. E. McDowell
Jessieville	Garland	750	12	......	......	......	......	......	......	......	10.45	+7.49	5.20	0.0	4	5	10	13	......	U. S. Forest Service
Jonesboro	Craighead	345	43	49.8	+7.4	79	10	19	1	34	7.50	+3.86	4.83	T.	8	8	5	15	sw.	Benedictine Sisters
Judsonia	White	....	2	......	......	......	......	......	......	......	6.22	......	4.04	0.0	6	5[b]	8[b]	13[b]	......	T. H. Beals
Lead Hill	Boone	650	32	46.4	+8.0	78	10	16	1	33	7.13	+4.89	2.12	T.	9	11	6	11	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	59	51.0	+6.1	77	10	21	1	29	4.87	+1.03	3.61	T.	8	5	7	16	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	2	51.6	......	80	10	19	1	37	4.75	....	3.39	0.0	9	5	7	16	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	39	49.6	+7.2	76	27	17	1	37	10.10	+7.02	3.80	1.0	8	9	4	15	se.	H. G. Lenhardt
Madison	St. Francis	209	8	......	......	......	......	......	......	......	5.56	......	4.00	T.	5	7[a]	3[a]	17[a]	......	J. W. Eppes
Magnolia	Columbia	315	22	56.5	+5.1	80	17	20	1	39	2.67	−1.12	2.10	0.0	3	4	17	7	s.	State Agri. School
Mammoth Spring	Fulton	600	34	47.3	+7.0	79	11	15	1	39	5.75	+2.81	2.63	T	7	6	11	11	sw.	Paul Morton
Marianna	Lee	285	27	52.6	+6.8	78	10	21	1	31	3.78	−0.16	2.70	0.0	9	6	12	10	s.	C. N. Houck
Marked Tree	Poinsett	229	34	48.8	+5.2	80	10	17	1	34	4.76	+0.94	3.40	T.	6	10	6	12	s.	Charles Walton
Mena	Polk	1207	50	50.0	+5.8	75	10	18	1†	35	7.34	+4.02	2.76	T.	10	7	7	14	sw.	E. W. St. John
Monticello Airway	Drew	273	2	53.6	......	76	11	21	1	30	3.16	......	1.82	0.0	6	11	5	12	sw.	Airway Observer
Monticello	Drew	273	3	......	......	......	......	......	......	......	3.59	......	2.20	....	6	..	..	..	......	Soil Conservation Ser
Montongo	Drew	....	3	......	......	......	......	......	......	......	3.95	......	1.85	..	6	..	..	..	......	Soil Conservation Ser.
Morrilton	Conway	315	19	53.2	+7.8	77	10	17	1	42	6.12	+3.38	3.20	0.0	8	4	12	12	e.	Mrs. Freda M. Ashcraf
Mountainburg(nea	Crawford	2010	11	......	......	......	......	......	......	......	10.05	......	3.31	0.5	9	8	6	14	se.	C. A. Lovell
Mountain Home	Baxter	800	26	47.4	+5.1	76	10	8	1	38	5.85	+3.10	1.75	0.0	7	10	4	14	s.	B. S. Halbert
Mount Ida	Montgomery	702	39	48.4	+2.8	74	27	11	1	44	8.14	+4.60	3.60	0.0	8	5	10	13	sw.	G. A. Whittington
Newport	Jackson	231	55	50.6	+8.6	78	10	20	1	33	6.30	+3.96	4.07	T.	7	7	7	14	n.	J. D. Henderson
Norman	Montgomery	687	10	......	......	......	......	......	......	......	7.41	......	3.28	0.0	4	7	9	12	ne.	U. S. Forest Service
Oden	Montgomery	800	11	50.5	......	77	27	20	19	33	7.59	......	3.65	T.	5	6	9	13	s.	U. S. Forest Service
Okay	Howard	288	10	55.0	......	80	27	19	1	39	4.77	......	3.66	0.0	8	12	6	10	s.	Charles R. Jackson
Ozark	Franklin	396	43	48.6	+5.2	77	27	20	1	36	8.22	+5.85	2.53	0.0	9	6	1	21	se.	Orkney O. Milton
Parkin	Cross	222	8	......	......	......	......	......	......	......	4.43	......	3.35	0.0	4	10	0	18	......	Carroll King
Pine Bluff	Jefferson	215	51	53.2	+6.7	78	10†	22	1	36	6.47	+2.56	3.54	0.0	9	10	8	10	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	14	......	......	......	......	......	1	......	7.14	+3.59	3.64	0.0	5	9	9	10	sw.	J. R. Huddleston
Pocahontas	Randolph	300	45	49.2	+7.6	76	11	17	1	34	8.31	+4.97	2.50	0.0	8	6	8	14	ne.	Benedictine Sisters
Portland	Ashley	122	32	55.4	+5.7	80	11†	21	1	38	2.86	−1.31	1.95	0.0	4	10	7	11	n.	W. E. Edmiston
Prescott	Nevada	318	50	54.2	+6.8	78	27	20	1	35	6.55	+2.85	4.48	0.0	6	9	3	16	s.	Craig Williams
Rock Springs ‡‡	Drew	....	3	......	......	......	......	......	......	......	3.65	......	1.60	....	6	..	.	..	......	Soil Conservation Ser
Rogers (near) ‡‡	Benton	1800	48	47.8	+8.3	74	11	18	19	37	6.12	+4.25	1.90	0.5	7	11	3	14	sw.	Carl A. Starck
Rosebud. ‡‡	Faulkner	600	4	......	......	......	......	......	......	......	7.34	......	3.32	0.0	5	7	11	10	w.	G. A. Maddox
Russellville [Evap]	Pope	526	26	50.8	+10.9	79	10†	20	1	47	8.00	+4.72	2.89	0.0	9	13	0	15	se.	U. S. Forest Service
St. Charles	Arkansas	175	5	52.0	......	78[a]	10	23	1†	39[a]	3.45	......	1.72	0.0	5	7	9	12	s.	U. S. Biological Surve
St. Francis	Clay	290	11	......	......	......	......	......	......	......	6.41	+2.98	2.93	T.	9	12	5	11	......	A. Boyce Boyd, Jr.
Searcy	White	245	28	51.3	+6.2	80	10	19	1	52	7.25	+3.92	4.47	0.0	8	11	4	13	ne.	Walter Smith
Springbank ‡‡	Miller	240	29	......	......	......	......	......	......	......	2.56	−0.84	2.10	0.0	4	9[a]	2[a]	16[a]	......	Henry Field
Story	Montgomery	650	14	......	......	......	......	......	......	......	8.51	+5.05	3.00	0.0	6	11	6	11	ne.	S. C. Story
Stuttgart	Arkansas	214	51	52.0	+6.8	79	10	20	1	35	5.78	+1.80	3.20	0.0	6	16	2	10	sw.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	3	51.5[d]	......	78[d]	10	22[d]	1	36[d]	4.06	..	2.68	0.0	8	..	..	..	......	Rice Experiment Sta.
Subiaco	Logan	750	41	51.4	+7.6	78	12	20	1	34	7.01	+4.16	2.26	0.5	9	8	7	13	w.	New Subiaco Abbey
Texarkana	Miller	332	53	55.0	+6.6	79	26	22	1	38	3.98	+0.60	3.28	0.0	3	8	10	9	n.	H. S. Brashear
Thornburg	Perry	650	18	49.6	+5.2	78	27†	9	1	41	5.51	+2.09	2.44	T.	7	10	8	10	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	46.2	......	69	10†	15	1	26	8.17	+5.15	2.87	0.7	8	7	7	14	sw.	U. S. Forest Service
Waldron	Scott	675	19	......	......	......	......	......	......	......	7.15	+3.60	3.60	T.	6	5	9	14	s.	E. B. Shadoan
Warren	Bradley	206	44	55.0	+7.8	80	27	21	1	35	2.78	−1.47	1.65	0.0	6	7	6	15	sw.	C. N. Turner
Whitecliffs	Little River	290	32	......	......	......	......	......	......	......	4.21	+1.06	3.36	0.0	4	10	3	15	......	L. M. Snead
White Rock ‡‡	Franklin	2285	2	......	......	......	......	......	......	......	......	......	......	....	..	..	..	..	......	U. S. Forest Service
Wilson	Mississippi	237	13	50.6	+5.4	87	18	18	1	32	4.27	+1.12	3.10	0.0	5	15	8	10	n.	D. O. Anderson
Wynne	Cross	250	30	52.1	+7.8	87	12	20	1	38	4.84	+1.16	2.90	0.0	6	12	4	12	s.	B. M. Eddins
Yancopin	Desha	167	14	......	......	......	......	......	......	......	2.37	−1.85	0.88	0.0	6	10	3	15	......	W. E. Barton
State Means				50.9	+7.3	87	12†	8	1	52	6.08	+2.76	5.20	0.1	7	9	7	12	s.	

Daily Precipitation for February, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita						.08			.03					.20	.35	.07	4.35	3.73			.04	.03										8.88
Amity	Ouachita												.02			.56	.06	1.59	2.95	.34			.34										5.86
Arkadelphia	Ouachita							T.							.49	.82	.01	29	3.20	.23			.16										5.20
Arkansas City	Mississippi							T.								T.		.13	1.27	.92			.70										3.02
Batesville Airway	White			T.			.03			T.	T.				1.09	.94	T.	2.21	3.12	.27		.06	.04										7.76
Bee Branch	Arkansas														.55	.70	T	2.00	2.15	.10		T.	T.										5.50
Benton	Saline														.55	.10	.06	.60	3.68	T.		.05	.05										5.09
Bentonville ***	Arkansas					T.	.20						T.	.20	1.11	1 48	1.73	2.19	.28	.03		.05	.06										7.33
Big Lake Outlet	St. Francis				T.			T.							.70	.45	.07	.18	2.17	.70	.07		.24										4.58
Black Rock	White							T.			.05				1.25	1.35	.72	1.23	2.47	.30	.03		.12										7.52
Blytheville	St Francis							.01							1.04	.40	.04	.22	2.21	.34			.26										4.52
Booneville	Arkansas						.26				.01				.93	.68	.56	2.98	1.42	T.		.05	.01										6.90
Boughton	Ouachita															.75		.23	3.65	.23			.18										5.04
Brinkley	White			.01			.02								.57	.06	.02	.93	4.75	.10		.12	.13										6.71
Calico Rock	White						.09	.10							.80	2.43	.45	.80	2.50	.25			.08										7.50
Camden	Ouachita															.09	.03	.24	1.84	.44			.51										3.15
Carthage	Arkansas														1.57			.45	4.34			.28											6.64
Clarendon	White															.56	.01	.84	4.05	.58			.23										6.27
Clinton	White												T.		.34	1.15	2.00	1.03	2.40	.22		.03											7.17
Conway	Arkansas						.06								.65	.47	.09	3.17	4.28	.04			.12										8.88
Corning	White							.18							.25	1.12	.50	1.38	2.36	.31			.12										6.22
Cotter	White						.35								.56	.98	.60	1.41	1.86	.25			.12										6.13
Crossett [near]	Ouachita																T.	.03	1.92	.08		.44	.44										2.91
Danville	Arkansas						T.	12			.03			T.	.08	1.18	.13	2.08	3.37	.08	T.												7.07
Dardanelle	Arkansas						.06				.03				.57	1.51	.11	2.16	3.65	.29			.06										8.44
De Queen	Red									.03				T.	1.75	.01	.14	2.59	2.47			.16											7.15
Devils Knob	Arkansas			T.	T.	T.	.26			T.	T.	T.	T.	T.	1.50	3.63	.65	3.37	1.29	.07		.01	.01										10.79
Dumas	Mississippi						T								.88	.08	.15	.07	2.55			.40	.27										4.40
El Dorado	Ouachita																	.31	2.18	.38			.74										3.61
England	Arkansas						.03								.63	.10	.15	*	4.55			.14	.08										5.68
Eureka Springs	White														.86	1.83	1.04	1.66	.88	.22		.05											6.54
Fayetteville	White					T.	.04			T.			T.		.49	2.08	1.14	1.87	.68	.09	T.	.08	.04		T.								6.51
Fordyce	Ouachita																																....
Fort Smith ***	Arkansas						.29			T.				.08	2.12	1.51	2.41	2.30	.39	.03		.08				T.							9.21
Fulton	Red							T								.30		.48	2.97	.23			.25										4.23
Georgetown	White															.67	.05	.70	3.65	.45			.15										5.67
Gilbert	White						.19								1.25	2.55	.59	1.56	1.91	.19													8.24
Glenwood	Ouachita			.02	.03		.06				.04		.06		.78		.07	1.97	3.50	.50			.11										7.14
Grannis	Red			T.	.10	T.				.12		.03	.03	T.	.60	.15	.16	4.03	2.00	.01		.15	.01										7.39
Gravette	Arkansas						.75								.87	*	*	6.15	2.10														9.87
Green Mountain	White				T.		.28				.06				1.01	2.15	.12	1.13	2.17	.26		T.	.04										7.22
Harrison	White						.40								.37	2.12	.87	2.37	1.48	.15		.03	.07										7.86
Helena	Mississippi			.10	.02											.45		.12	3.16	.70			.45										5.00
Higden	White						T.				T.				.75	.75	.05	1.95	3.10	.12		T	.05										6.77
Highland	Ouachita														1.55	.10	.15	.05	3.83			.41											6.09
Hope [Evap]	Red															.85		.47	3.25	.20			.24										5.01
Hot Springs	Ouachita						.02			.01		T.			.45	.12	.03	1.50	3.80			.08	.01										6.02
Index	Red			T.														.30	3.40	.13													3.83
Jessieville	Ouachita															*	*	*	**														10.45
Jonesboro	White			T.											.54	.48	05	1.07	4.83	.37	.05		.11										7.50
Judsonia	White														.27	.48		.82	4.04	.38			.23										6.22
Lead Hill	White						.43								.50	1.95	.80	2.12	1.03	.18		.02	.10										7.13
Little Rock ***	Arkansas		T.	T.	T.		.02					T.	T.		.39	.04	.26	2.81	1.24			.10	.01										4.87
LittleRock Airway	Arkansas				T.		.02						T.		.53	.04	.11	.50	3.39	01		.09	.06										4.75
Lutherville	Arkansas						.15			T.					.32	2.05	.65	2.55	3.80	.30		.28											10.10
Madison	St. Francis															.75	T.	.15	4.00	.37	T.		.29	T.									5.56
Magnolia	Red																		2.10			.44	.13										2.67
Mammoth Spg	White						.24								48	.70	.35	1.01	2.63	.34			T.										5.75
Marianna	St. Francis						.05								.35	.08	.05	.14	2.70	.05		.12	.24										3.78
Marked Tree	St. Francis														.30	.32		.10	3.40	.40	T.		.24										4.76
Mena	Ouachita						.02	.03		T.	.04	T.			.29	.95	.23	2.70	2.76	.15	T.		.17			T.							7.34
Monticello Airway	Ouachita														62		04	.02	1.82			.38	.28										3.16
Monticello ***	Ouachita														.64		*	.05	2.20			.47	.23										3.59
Montongo	Ouachita														1.21		.08	.08	1.85			.58	.15										3.95
Morrilton	Arkansas							.03							.10	.90	.02	1.27	3.20	.40			.20										6.12
Mountainburg	Arkansas					.01	.27			T.				T.	1.52	3.31	1.22	2.58	.95	.04		.05	T										10.05
Mountain Home	White						.35								.33	1.37	1.55	.40	1.75	.10													5.86
Mount Ida	Ouachita						.02			.02					.94	.42	.16	3.60	2.88			.10											8.14
Mount Petit Jean	Arkansas																																....
Newport	White														.66	.28	.05	1.02	4.07	.20			.02										6.80
Norman	Ouachita														*	.90		3.23	3.28														7.41
Oden	Ouachita														.53	.59	2.73	3.65	.09	T.													7.59
Okay	Red						.03					T.			.25	.03	.03	.42	3.66			.15	.20										4.77
Ozark	Arkansas						.20	T.			.02				.31	2.00	.31	2.53	2.50	.25			.10										8.22
Parkin	St. Francis														T.	.38		T.	3.35	.40			.30										4.43
Pine Bluff	Arkansas			T.	.01			.04							.04	1.60	.02	.38	3.54	.58			.26										6.47
Pine Ridge	Ouachita														*	*	1.78	1.71	3.64														7.13
Plantersville	White														1.40		.10	.03	1.90			.43	.10										3.96
Pocahontas	White						.18								.42	1.75	1.48	1.60	2.50	.30			.08										8.31
Portland	Ouachita																	.18	.08	1.95			.65										2.86
Prescott	Ouachita															1.11	.02	.51	4.48	.18			.25										6.55
Rock Springs	Ouachita														1.30		.10	.05	1.60			.45	.15										3.65
Rogers (near)	White						.05								.55	1.90	1.07	1.67	.73	.15													6.12
Rosebud	Arkansas														.62	.34		2.82	3.32	.24													7.34
Russellville	Arkansas						.06								1.01	1.07	.27	2.89	2.50	.06		.05	.09										8.00
St. Charles	White															.54		.08	1.72	.60			.51										3.45
St. Francis	St. Francis						T.	.21							.38	1.02	.33	.75	2.93	.52	.10		.17										6.41
Searcy	White							T.							.35	.71	.03	1.09	4.47	.39	.04	T	.17										7.25
Springbank	Red				T.													.08	2.10	.17			.21										2.56
Story	Ouachita														.97	.22	1.92	2.18	3.00				.22										8.51
Stuttgart	Arkansas							.56								.60		.45	3.20	.70			.27										5.78
Stuttgart [Evap]	Arkansas						T.								.47	.04	.04	.44	2.68	.05		.16	.18										4.06
Subiaco	Arkansas						.31								1.07	1.34	.64	2.26	1.28	.02		.06	.03										7.01
Texarkana	Red																	.35	3.28				.35										3.98
Thornburg	Arkansas						T.			T.					.42	.31	.08	2.18	2.44	.01		T.	.07										5.51
Turnpike	Arkansas					T.	.06		T	T					.72	2.02	.48	2.87	1.51	.47		T	.04										8.17
Waldron	Arkansas					T.	T.			T.					1.18	.15	1.56	3.60	.64			.02											7.15
Warren	Ouachita														.42		.02	.06	1.65			.38	.25										2.78
Whitecliffs	Red											T.			.05	T	.15	.65	3.36														4.21
White Rock	Arkansas																																....
Wilson	Mississippi														.68	.10			3.10			.11	.28										4.27
Wynne	St. Francis														.42	.12		1.02	2.90	.15			.23										4.84
Yancopin	Arkansas							.01								.41		.27	.88	.17			.63										2.37

Daily temperatures for February, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	48	54	61	72	70	65	64	71	69	76	69	73	70	68	48	45	70	69	51	37	47	44	53	..	..	.	74	65				61.3
	Minimum	15	28	45	46	43	43	45	35	49	55	48	52	55	45	40	39	42	48	20	25	30	33	28	29	25	30	49	42				38.7
Amity §§	Maximum	55	56	60	72	69	70	61	74	71	77	67	77	71	61	48	60	73	57	42	38	37	48	56	52	58	69	77	57				61.3
	Minimum	18	19	36	45	50	55	39	39	44	56	50	56	59	60	44	44	44	55	21	21	30	34	29	29	31	33	38	45				40.1
Arkadelphia	Maximum	44	59	62	81	83	82	70	83	82	82	82	83	83	83	55	52	82	83	64	42	41	50	55	63	60	71	81	83				69.3
	Minimum	20	23	50	42	48	62	39	46	51	53	50	52	55	50	43	46	52	57	24	34	36	32	28	34	30	32	42	45				42.0
Batesville	Maximum	42	51	70	73	70	68	60	70	69	78	77	71	70	66	52	44	60	63	44	38	38	47	54	47	51	65	75	67				60.0
	Minimum	16	32	43	46	55	58	34	36	50	62	52	52	55	47	39	38	42	44	27	30	33	35	27	31	24	38	42	38				40.2
Bee Branch	Maximum	38	50	71	70	66	65	62	69	68	73	74	74	68	67	50	42	62	62	45	35	35	45	51	52	50	65	73	74				59.1
	Minimum	19	34	26	49	55	57	35	37	45	55	49	50	55	47	40	38	42	42	22	21	31	33	29	29	24	35	42	40				38.6
Benton	Maximum	53	57	63	74	68	70	62	73	74	78	68	64	71	69	49	48	75	70	46	40	39	51	56	52	56	70	79	72				62.4
	Minimum	17	24	41	43	50	47	31	37	48	52	47	47	52	48	44	42	47	45	24	29	34	35	27	27	25	32	35	38				38.1
Bentonville ***	Maximum	45	50	67	70	61	59	59	68	66	71	73	69	70	55	43	55	60	36	23	30	34	42	48	39	47	60	69	57				54.5
	Minimum	21	41	38	49	58	42	31	44	57	58	54	60	50	38	39	37	36	23	17	21	28	30	26	22	23	37	40	34				37.6
Blytheville	Maximum	42	47	69	71	70	69	58	71	70	76	77	77	70	63	51	55	54	58	51	39	39	43	53	45	47	63	70	65				59.4
	Minimum	19	30	40	48	51	47	46	39	50	55	52	50	56	44	39	40	42	40	27	33	33	36	29	28	27	32	36	34				39.4
Booneville	Maximum	43	56	70	73	68	66	60	74	71	78	73	77	71	70	50	45	60	54	34	35	37	47	56	50	50	65	76	72				60.0
	Minimum	21	35	37	50	60	56	30	43	56	58	49	56	61	50	42	41	44	33	20	26	34	33	25	28	27	32	42	41				40.4
Brinkley	Maximum	45	51	66	73	70	71	68	69	75	78	72	75	72	70	49	55	70	70	62	39	40	44	53	49	52	68	77	72				62.7
	Minimum	20	42	47	49	53	58	37	40	52	51	53	51	55	47	44	43	51	55	27	33	34	37	31	33	28	40	44	41				42.7
Camden	Maximum	56	58	72	74	72	73	69	75	77	76	75	74	74	74	59	62	79	77	47	44	42	46	55	56	55	70	79	79				66.0
	Minimum	23	35	46	47	47	61	39	42	51	48	50	52	54	55	49	50	57	45	25	32	37	38	36	37	35	42	44	48				43.8
Carthage	Maximum	52	58	66	75	68	72	65	73	75	75	71	73	71	69	51	53	76	73	47	39	40	47	55	52	55	71	78	65				63.0
	Minimum	19	25	50	44	47	61	35	38	47	53	48	49	58	49	46	45	52	45	23	30	35	35	30	29	26	32	44	43				40.6
Conway	Maximum	46	54	69	75	71	76	63	76	72	82	73	76	82	70	50	46	67	69	61	39	40	52	57	52	56	69	81	71				63.8
	Minimum	18	30	42	50	54	59	33	39	49	58	51	52	58	48	43	41	45	45	24	29	34	35	28	30	25	33	43	41				40.6
Corning	Maximum	41	50	61	71	71	65	59	71	73	69	79	75	72	64	52	46	62	56	41	36	37	44	53	43	46	61	71	60				58 2
	Minimum	18	30	42	45	53	52	33	37	52	55	55	52	55	46	35	35	45	39	29	32	32	34	26	28	25	38	38	31				39.0
Crossett	Maximum	57	61	70	74	70	71	65	77	71	77	77	75	79	78	78	71	78	73	59	42	44	43	55	55	57	72	78	67				66.9
	Minimum	17	29	52	48	45	56	44	38	49	44	51	49	57	59	55	51	61	56	29	28	36	35	29	28	28	31	37	45				42.4
Dardanelle	Maximum	43	52	68	74	69	69	61	75	69	80	75	76	72	71	50	46	62	62	41	39	40	46	58	54	52	70	78	70				61.5
	Minimum	21	31	39	53	58	58	33	39	47	58	50	54	58	48	42	41	45	40	23	28	35	36	27	30	27	36	46	40				40.8
De Queen	Maximum	51	57	63	73	68	71	65	73	71	72	68	74	72	69	55	53	74	62	42	45	42	52	60	56	60	72	80	71				63.2
	Minimum	20	32	44	52	57	60	32	46	52	58	50	56	60	55	47	47	52	36	22	30	35	35	28	30	33	34	40	49				42.6
Devils Knob	Maximum	40	41	67	64	59	60	56	69	60	69	67	64	62	61	45	47	57	53	37	28	30	39	49	41	47	63	71	60				53.8
	Minimum	15	31	41	50	52	48	35	42	53	56	52	55	54	41	36	37	46	37	16	19	20	29	27	19	21	35	41	40				37.4
Dumas	Maximum	54	59	72	77	71	72	64	69	75	82	80	72	77	72	59	61	78	70	56	48	43	45	55	51	55	74	78	68				65.6
	Minimum	20	34	50	51	50	58	38	40	53	54	55	54	59	52	49	49	59	52	29	36	32	38	30	32	27	38	48	41				43.9
El Dorado	Maximum	55	60	74	75	70	75	67	77	75	79	76	76	75	75	69	67	80	75	42	40	39	50	56	56	55	71	78	64				66.1
	Minimum	22	35	54	56	50	57	41	44	56	54	56	57	60	55	53	54	62	42	26	31	34	36	31	32	32	40	45	48				45.1
England	Maximum	45	54	61	74	68	70	65	70	75	78	72	72	73	70	50	52	..	73	55	40	40	49	56	51	54	68	77	69				62.3
	Minimum	20	31	47	51	51	58	37	41	56	57	52	54	57	49	46	44	..	50	27	31	34	38	32	31	27	37	46	39				42.3
Eureka Springs	Maximum	48	52	68	70	64	61	60	70	68	71	73	70	70	69	46	49	62	51	38	29	32	43	49	41	49	62	71	58				56.9
	Minimum	17	42	40	49	59	47	34	44	59	61	56	59	61	37	38	36	44	32	18	20	27	29	25	23	23	39	40	35				39.1
Fayetteville	Maximum	45	50	70	69	64	61	58	67	67	71	70	70	68	67	46	55	61	46	38	30	33	42	46	44	46	57	68	66				56.2
	Minimum	21	39	42	50	58	47	29	43	57	61	55	58	60	42	40	39	45	33	18	21	27	29	25	23	24	37	41	35				39 2
Fort Smith***	Maximum	43	57	68	73	67	65	60	72	70	75	72	73	72	59	46	47	56	44	29	36	37	46	53	47	50	65	74	61				57.8
	Minimum	22	35	43	51	60	46	37	47	55	59	55	58	59	43	42	42	44	24	22	29	34	34	32	28	32	39	43	46				41.5
Gilbert	Maximum	34	49	55	70	73	63	64	61	72	70	75	75	72	71	56	42	53	61	42	30	35	38	43	52	43	56	73	75				57.2
	Minimum	13	23	34	35	48	56	25	28	40	50	45	45	60	46	40	37	38	41	28	25	29	32	24	25	21	28	32	30				34 9
Grannis	Maximum	59	54	59	72	66	61	56	72	67	66	63	68	68	66	53	53	70	58	34	37	37	41	59	49	45	61	67	67				58.1
	Minimum	16	28	42	49	55	55	30	40	55	54	46	52	56	52	44	46	51	33	18	28	30	32	25	28	28	31	40	43				39.5
Gravette§§	Maximum	42	51	72	74	66	58	64	73	69	76	78	70	74	59	56	57	59	58	30	38	36	42	51	41	51	62	71	60				58.5
	Minimum	8	14	21	35	56	45	29	34	50	56	55	57	60	36	36	38	51	30	16	18	22	26	22	22	22	24	35	34				34.0
Green Mountain	Maximum	46	48	67	69	65	62	58	69	66	73	74	67	67	65	51	40	60	60	40	33	34	40	48	47	48	62	71	62				56.9
	Minimum	14	32	46	51	55	52	36	41	56	59	56	55	56	42	35	34	39	38	24	23	28	30	26	26	20	35	44	35				38.9
Harrison	Maximum	46	49	63	69	66	60	61	70	72	75	72	70	69	67	67	42	60	55	39	31	35	40	47	42	47	58	70	65				57.4
	Minimum	17	36	39	39	57	51	27	50	55	60	51	57	60	43	39	35	41	36	23	22	30	32	25	26	22	36	37	33				38.5
Helena	Maximum	49	53	64	72	69	69	61	72	70	79	76	75	71	68	52	59	71	68	58	38	42	43	51	43	47	64	70	62				61.3
	Minimum	18	36	50	52	51	57	40	46	53	54	56	54	56	48	47	46	59	55	29	32	35	38	32	30	26	35	41	40				43.4
Highland	Maximum	53	56	65	77	72	69	65	75	76	74	77	78	71	68	56	51	70	70	44	40	40	52	58	57	58	72	78	70				64.0
	Minimum	19	31	47	49	52	59	45	45	46	45	52	54	57	50	45	45	45	32	21	30	35	34	32	32	33	40	46	46				41.7
Hope §§	Maximum	53	61	69	73	66	70	65	75	75	69	72	75	71	62	56	64	75	56	44	37	38	51	55	55	57	68	77	59				62.4
	Minimum	18	31	35	53	52	51	40	40	47	54	52	57	59	61	48	48	48	56	23	23	33	34	28	30	32	34	43	44				41.9
Hot Springs	Maximum	53	55	62	73	65	69	65	70	69	78	66	75	72	68	49	47	73	65	44	38	38	50	57	52	56	69	78	70				61.6
	Minimum	17	33	49	50	55	60	37	50	54	55	54	55	55	48	43	42	46	44	22	29	34	33	29	29	27	37	49	43				42.1
Jonesboro	Maximum	42	51	69	72	70	68	60	72	72	79	77	74	68	65	51	48	62	66	42	37	37	43	51	47	47	63	71	64				59.6
	Minimum	19	32	47	50	48	56	37	38	47	58	55	50	55	45	37	38	45	42	26	31	32	34	29	28	25	38	43	33				39.9
Lead Hill	Maximum	42	53	68	66	66	63	55	64	66	78	68	74	74	70	51	42	67	67	40	33	37	35	47	39	48	62	69	59				57.2
	Minimum	16	32	38	47	51	51	22	32	42	53	46	48	59	41	37	35	40	37	24	23	29	31	19	26	20	35	39	26				35.7
Little Rock.***	Maximum	41	55	64	74	65	68	58	73	72	77	64	72	71	65	45	52	74	59	36	38	38	46	53	45	51	67	75	56				59.1
	Minimum	21	35	50	52	56	51	43	46	56	58	54	55	59	46	42	42	52	34	24	30	34	37	34	32	30	38	46	41				42.8
Little Rock [Airway]	Maximum	46	55	65	74	67	71	61	75	73	80	65	73	73	69	48	58	74	70	50	39	39	50	55	49	54	68	77	68				62.4
	Minimum	19	29	32	50	54	60	34	38	53	57	48	50	55	48	43	42	47	49	24	30	34	36	30	31	28	37	42	41				40.8
Lutherville	Maximum	42	47	68	71	66	66	59	69	69	74	73	71	69	68	52	45	60	60	37	35	37	45	55	49	50	68	76	69				58.9
	Minimum	17	34	42	52	58	56	36	43	54	57	51	54	59	48	40	40	44	35	20	25	31	33	30	27	26	35	39	41				40.2
Magnolia	Maximum	53	62	74	75	76	75	71	76	78	73	74	76	78	78	65	64	80	79	47	46	40	52	56	61	57	70	78	78				67.6
	Minimum	20	34	54	54	50	59	43	45	57	54	66	67	63	61	50	51	60	40	24	28	35	34	29	33	33	39	41	47				45.4
Mammoth Spring	Maximum	42	49	69	69	70	54	61	70	74	76	79	71	69	68	56	41	62	61	40	37	36	40	49	43	47	61	70	62				58.4
	Minimum	15	31	33	38	55	51	26	31	47	54	46	44	55	43	36	34	40	39	30	29	30	32	23	24	23	32	40	33				36.2
Marianna	Maximum	48	53	65	72	70	68	68	71	73	78	75	75	70	70	50	59	70	70	58	42	42	43	50	49	47	66	71	71				62.3
	Minimum	21	37	51	51	51	41	41	45	54	53	55	53	53	48	47	45	56	56	29	34	34	38	32	32	29	36	40	40				42.9
Marked Tree§§	Maximum	43	52	69	71	70	69	60	71	71	80	78	75	71	50	43	61	67	57	37	38	41	43	51	42	48	63	70	49				58.6
	Minimum	17	23	40	48	49	53	40	40	45	54	51	50	55	47	41	40	41	54	27	26	33	34	30	29	26	29	38	35				39.1
Mena	Maximum	53	53	65	70	63	64	61	70	65	75	63	73	71	65	48	47	69	56	35	36	35	46	64	48	53	66	74	64				59.0
	Minimum	18	38	49	53	56	54	38	40	53	56	53	59	58	48	42	42	46	31	18	26	31	32	29	29	27	35	40	45				40.9
Monticello	Maximum	46	56	68	72	63	66	64	73	70	74	76	72	71	68	56	61	73	72	49	39	42	42	51	46	50	66	74	64				61.6
	Minimum	21	38	46	56	54	58	43	45	56	57	57	58	59	54	51	51	60	49	29	32	37	38	33	34	30	40	44	44				45.5
Morrilton	Maximum	60	59	66	71	69	69	67	71	70	77	74	72	71	69	69	68	66	64	61	61	60	58	57	55	53	67	74	72				66.1
	Minimum	17	31	38	49	54	56	36	42	51	55	49	53	60	48	41	39	44	45	24	28	33	34	31	31	30	25	46	42				40.4
Mountain Home	Maximum	42	50	67	69	66	63	61	73	74	76	75	68	71	67	53	61	55	58	40	34	35	39	50	38	48	62	71	63				58.2
	Minimum	8	28	37	44	56	51	28	35	48	54	49	53	57	42	37	37	34	37	25	24	29	32	24	26	22	29	43	33				36.5
Mt. Ida	Maximum	55	57	68	72	68	66	59	65	66	65	61	67	71	68	50	48	66	64	38	35	37	37	56	49	56	60	74	67				58.8
	Minimum	11	32	48	42	57	57	24	31	58	51	43	50	60	48	43	42	46	37	20	28	33	31	22	26	24	27	35	34				37.9
Newport	Maximum	41	50	67	72	71	70	61	69	70	78	75	73	68	66	51	47	63	67	46	37	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				60.0
	Minimum	20	31	48	49	49	54	41	38	58	57	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				41.3
Oden	Maximum	56	51	68	73	65	66	63	72	68	75	76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				59.4
	Minimum	30	34	52	50	58	47	34	38	63	54	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				41.
Okay	Maximum	55	60	70	75	73	75	73	78	76	74	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				66.
	Minimum	19	30	43	53	53	60	38	46	56	51	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				43.
Ozark	Maximum	40	51	58	72	65	68	38	62	72	69	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				59.
	Minimum	20	33	33	48	57	38	28	42	45	53	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				37.
Pine Bluff	Maximum	47	56	69	79	66	70	63	76	75	72	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				62.
	Minimum	22	30	52	50	52	60	40	43	56	58	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				43.
Pocahontas	Maximum	40	48	68	70	68	67	66	68	73	75	76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				59.
	Minimum	17	29	45	45	55	54	35	34	49	55	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				38
Portland	Maximum	51	60	68	75	70	75	67	77	74	78	78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				66.
	Minimum	'21	35	51	51	50	48	56	42	39	54	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				44.

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding da

Weather Bureau Office, Little Rock, Ark. 3-28-38-1150

Daily temperatures for February, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
rescott	Maximum	53	61	69	75	71	72	70	76	76	74	73	77	73	71	55	54	77	74	45	43	38	51	58	57	58	71	78	73				65.1
	Minimum	20	29	49	50	52	60	39	45	56	52	54	57	58	54	47	47	52	43	23	31	36	34	30	32	32	39	43	47				43.2
Rogers	Maximum	49	51	69	71	65	61	62	71	68	72	74	70	69	68	48	54	59	51	38	31	34	43	49	43	49	63	71	59				57.6
	Minimum	20	42	35	49	59	48	25	39	57	62	53	58	61	38	40	37	45	33	18	21	28	30	22	22	21	36	35	32				38.1
Russellville [Evap]	Maximum	44	49	69	74	71	69	60	73	71	79	79	79	72	70	51	46	65	64	48	39	39	47	56	55	51	77	75	59				61.8
	Minimum	20	29	35	45	56	57	29	38	46	58	48	50	56	50	43	40	45	44	24	28	35	36	25	30	26	30	38	50				39.7
t. Charles. ....§§	Maximum	64	55	68	73	68	69	61	73	72	78	74	72	73	64	52	64	72	59	40	39	42	43	51	44	49	68	74	..				61.5
	Minimum	23	23	41	51	62	53	42	42	47	57	57	54	57	60	49	46	46	55	29	29	35	35	33	33	28	29	44	43				42.6
Searcy	Maximum	43	52	66	74	70	70	61	73	73	80	71	74	69	66	50	47	66	67	77	38	39	50	54	47	52	68	78	68				62.2
	Minimum	19	32	44	46	52	57	38	37	46	56	49	48	55	49	41	40	45	47	25	31	34	36	29	32	25	36	42	40				40.4
Stuttgart	Maximum	46	54	69	75	70	70	61	74	75	79	72	74	72	70	50	58	73	67	56	40	41	45	52	48	51	67	75	67				62.5
	Minimum	20	31	47	48	50	53	35	39	52	54	52	51	56	47	46	42	52	54	26	30	33	37	30	30	27	36	46	41				41.6
ubiaco	Maximum	49	55	72	74	70	66	63	73	73	77	74	78	74	70	50	46	64	59	35	36	38	45	54	53	49	68	75	74				61.2
	Minimum	20	32	38	48	59	58	34	43	61	57	51	53	63	50	42	40	45	35	21	27	33	33	30	29	29	41	47	42				41.5
Texarkana	Maximum	55	60	73	75	68	74	66	75	77	77	75	75	76	77	65	60	78	74	43	39	39	52	61	59	60	79	73	64				66.0
	Minimum	22	36	52	55	53	60	42	46	52	54	56	52	52	59	50	51	54	36	24	29	36	36	30	36	33	41	42	44				44.0
Thornburg	Maximum	50	54	66	72	68	68	61	72	68	77	69	73	70	68	47	45	70	68	44	39	38	47	55	47	51	67	78	66				60.6
	Minimum	9	34	45	42	61	58	24	39	56	57	50	57	58	45	40	40	44	40	20	26	32	34	21	26	20	26	46	31				38.6
Turnpike	Maximum	40	45	68	65	60	60	57	65	61	69	69	67	63	61	44	50	59	54	35	28	31	42	49	42	47	61	69	58				54.2
	Minimum	15	32	45	49	53	50	34	47	53	56	53	60	54	40	35	35	46	34	17	18	25	29	28	21	22	35	45	36				38.1
Warren	Maximum	54	59	71	74	70	72	69	70	73	77	75	75	75	71	62	64	79	74	52	42	42	45	55	54	52	71	80	71				65.3
	Minimum	21	31	53	52	52	59	42	42	56	54	56	55	60	55	49	50	59	51	26	30	36	38	32	33	30	40	45	46				44.8
White Rock	Maximum	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..				....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
Wilson	Maximum	43	52	66	71	70	67	65	70	68	87	77	26	72	65	49	54	66	65	54	56	58	41	47	46	43	59	57	60				60.9
	Minimum	18	35	48	50	51	51	37	40	54	55	54	52	52	46	41	41	53	45	28	30	29	36	31	29	27	35	33	32				40.4
Wynne	Maximum	44	52	69	74	70	70	64	71	73	80	78	87	70	66	50	54	68	68	56	38	40	42	52	50	48	65	73	64				62.1
	Minimum	20	40	50	50	51	64	36	41	55	55	54	49	56	48	42	41	52	55	28	32	33	36	27	30	25	35	40	34				42.1

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.	....	.040	.038	.140	.118	.160	.132	.140	.099	.052	.051	.147	.062	.050	.030	.008	....	...	.121	.143	.110	.090	.120	.142	.148	.231	.171				2.967
	Mean tem.	36	46	52	63	59	60	52	58	61	62	62	66	65	62	52	56	62	56	34	30	36	42	42	42	44	51	60	52				52.2
	Wind move	71	29	39	22	48	87	60	38	48	56	30	41	66	38	80	80	56	81	110	89	63	37	25	46	44	62	76	50				1,572
Russellville [Ozark Nursery]	Evap.	.054	.008	.014	.088	.080	.186	.070	.074	.062	.064	.094	.068	.074	.010	.084	.108	...	.132	*	.084	.034	.066	.076	.102	.106	.126	.122	.118				2.182
	Mean tem.	32	39	52	60	64	63	44	56	58	68	64	64	64	60	47	43	55	54	36	34	37	42	40	42	38	54	56	54				50.8
	Wind move	25	30	19	45	51	80	30	25	51	32	57	46	83	37	61	43	26	54	155	45	45	38	24	63	50	157	43	19				1,434
tuttgart Rice Exp. Farm]	Evap.	‡	‡	.080	.095	*	*	.192	.172	.086	.106	.084	.074	*	.056	.030	.008	.023	....	.112	.017	.041	.023	.056	.045	.068	.118	.204	.064				1.819
	Mean tem.	34	....	50	62	.	...	53	57	62	66	63	62	..	61	48	52	64	63	44	36	38	41	42	41	40	50	57	50				51.5
	Wind move	42	*	144	75	*	*	268	74	113	68	41	65	*	144	96	9	179	99	277	80	66	38	28	49	51	123	101	53				2,287

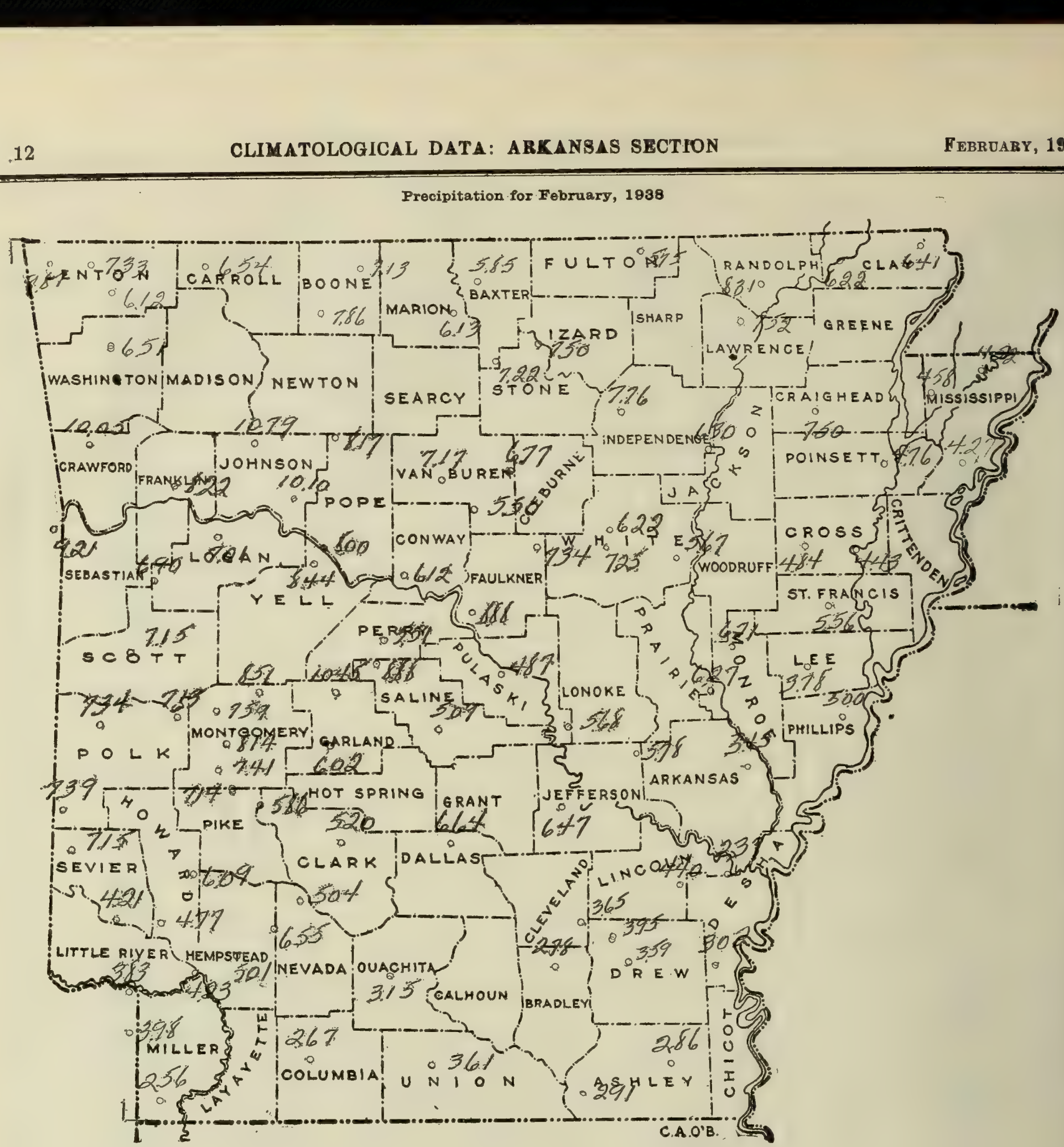
Daily River Stages for February, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith .. ¶	..Arkansas	22	7.0	7.4	6.8	6.8	6.8	6.6	6.4	6.3	6.3	6.2	6.2	6.2	6.0	6.0	9.8	20.0	26.0	30.8	32.8	32.7	30.3	24.9	19.7	15.7	12.6	10.9	10.3	9.8			
Van Buren ...	......do	22	7.2	7.4	6.8	6.6	6.4	6.0	5.8	5.6	5.4	5.2	5.1	5.0	4.9	5.1	11.2	20.0	26.0	30.8	32.4	32.4	30.3	25.9	21.0	17.3	14.4	12.6	11.8	11.4			
Danville	.Petit Jean.	20	21.5	20.1	17.6	14.9	11.5	9.7	8.8	9.1	7.9	7.1	6.7	6.5	6.4	5.9	9.0	18.6	21.8	27.1	28.7	26.0	23.7	21.8	20.4	19.3	15.6	12.3	10.3	8.8			
Ozark	..Arkansas.	22	3.7	3.5	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.6	1.5	1.3	1.3	1.3	3.3	14.0	21.3	25.8	28.0	28.9	28.0	24.0	18.2	14.0	10.1	9.0	8.0	7.2			
Dardanelle....	......do	22	8.2	7.2	7.1	6.7	6.3	6.0	5.7	5.6	5.3	5.1	4.9	4.7	4.5	4.4	5.9	17.9	22.6	28.4	29.5	29.5	29.5	28.4	25.0	19.8	16.0	13.6	11.9	11.2			
Morrilton	.... .do	20	9.0	6.5	5.9	5.6	5.0	4.6	4.1	3.5	3.1	2.6	2.1	1.6	1.4	1.2	1.6	12.8	17.5	24.0	26.6	27.3	27.7	27.2	25.0	20.7	16.8	14.4	11.6	11.0			
Little Rock.	......do	23	10.4	9.2	8.0	7.2	6.6	5.9	5.3	4.8	4.3	3.8	3.4	2.9	2.5	2.2	2.2	2.9	14.8	21.4	24.2	25.0	25.8	26.0	25.5	23.3	20.1	17.4	15.3	13.7			
Pine Bluff	......do . .	25	16.7	15.7	13.2	12.7	11.7	10.8	10.2	9.6	8.9	8.4	7.9	7.4	6.8	6.5	6.3	6.1	14.4	21.7	25.6	28.4	30.7	31.1	31.6	30.5	26.9	23.1	20.2	18.8			
Gilbert	..Buffalo...	30	5.0	4.8	4.6	4.3	4.3	4.2	4.0	4.0	3.9	3.9	3.9	3.3	3.8	5.3	17.2	13.9	19.9	27.0	12.3	8.8	7.4	6.6	5.9	5.9	5.7	5.5	5.4	5.2			
Doniphan, Mo.	..Current ..	10	4.0	3.9	3.8	3.6	3.4	3.2	3.1	3.0	2.8	2.8	2.8	2.8	2.7	2.8	2.9	3.4	5.0	11.0	16.0	16.0	10.4	8.1	7.1	6.2	5.7	5.4	5.1	4.7			
Black Rock ...	...Black...	14	10.9	10.5	10.2	9.8	9.4	9.1	8.7	8.5	8.3	8.1	7.7	7.2	6.8	6.8	8.3	16.1	16.3	20.7	25.0	24.7	23.2	22.5	22.7	22.8	22.8	22.8	22.7	22.3			
Judsonia.........	...White ...	..	26.4	25.6	24.8	24.2	23.6	23.0	22.3	21.6	20.7	19.8	18.6	17.6	16.9	16.0	15.1	16.4	27.1	34.2	37.7	39.1	38.3	35.4	34.8	34.5	33.7	32.8	31.7	30.1			
Ozark Beach Mo	...White ...	30	4.8	4.7	4.6	4.4	4.3	0.4	2.6	3.4	2.8	3.2	3.0	3.0	1.0	1.2	4.4	11.4	19.6	26.5	26.8	23.4	16.9	10.6	8.8	7.8	6.8	6.2	5.7	5.3			
Cotter	. do	21	6.1	6.1	5.8	5.7	5.7	5.5	5.4	4.9	4.1	3.8	3.8	3.8	3.8	4.2	4.5	8.3	18.6	29.0	30.8	28.5	24.7	17.4	11.9	10.0	8.8	7.5	7.5	7.5			
Calico Rock...	......do .. .	18	5.7	5.3	4.9	4.6	4.4	4.2	3.8	2.8	2.6	3.1	2.9	3.0	2.6	2.5	5.6	18.6	18.1	37.5	41.8	33.3	19.3	20.9	13.4	10.6	9.3	8.3	7.5	6.9			
Batesville	......do	23	12.4	11.7	11.1	10.6	10.3	9.9	9.7	9.0	7.8	8.2	8.3	8.2	8.2	8.0	10.4	21.4	25.7	34.3	38.9	38.0	34.8	31.7	26.1	20.1	17.6	16.0	14.8	13.8			
Newport.	......do	26	19.2	18.1	17.0	15.9	15.9	14.9	13.0	12.2	11.0	9.8	9.2	8.7	8.2	7.8	8.7	16.0	21.9	25.6	30.4	33.4	33.3	32.5	31.5	30.0	28.4	27.2	26.1	25.3			
Georgetown ..	......do	21	22.2	22.3	22.2	22.0	21.7	21.3	21.0	20.4	19.8	19.0	18.0	17.0	16.0	15.1	14.4	14.5	18.2	20.2	21.8	24.0	26.8	29.3	31.2	31.3	30.3	29.2	28.0	27.2			
Clarendon	......do	26	26.9	27.0	27.2	27.3	27.5	27.6	27.7	27.6	27.5	27.3	27.1	26.8	26.5	26.1	25.7	25.3	25.0	25.3	26.1	26.6	27.3	28.4	29.5	30.7	31.8	33.3	34.4	35.0			
St Charles	......do	..	25.1	25.3	25.4	25.5	25.6	25.7	25.8	25.9	25.9	25.9	25.8	25.7	25.6	25.5	25.4	25.3	25.1	25.1	25.0	25.1	25.2	25.4	25.7	26.4	27.5	28.5	29.8	30.7			
Arkadelphia ..	.Ouachita..	17	10.2	11.6	11.7	10.0	8.7	8.3	8.0	8.8	8.1	8.2	7.6	7.6	6.3	5.4	8.8	8.5	8.7	23.8	29.0	25.8	20.3	14.6	11.7	9.7	8.8	8.6	8.2	8.0			
Boughton......	Little Mo. .	20	11.4	11.9	9.5	8.3	7.2	8.0	7.7	7.3	6.9	6.5	6.1	6.1	6.2	6.1	9.5	12.6	12.3	18.8	23.4	21.3	19.8	17.6	14.8	12.2	10.4	9.3	8.6	8.1			
Camden	.Ouachita ..	26	33.9	32.6	31.2	30.3	29.1	27.1	24.7	22.3	19.3	18.1	17.1	16.0	14.7	12.4	11.4	13.3	16.8	18.7	25.3	30.6	37.8	41.1	40.9	38.2	35.9	33.9	31.8	29.8			
Whitecliffs	Little River	25	25.4	24.6	23.5	22.0	20.4	18.7	17.4	15.3	13.5	11.7	9.5	7.8	5.9	4.7	5.0	10.1	13.0	20.2	27.4	30.7	30.4	30.3	29.9	30.0	29.6	28.0	26.5	25.3			
Index	....Red.....	25	16.0	13.2	13.1	12.7	11.7	11.1	10.8	10.3	10.0	9.7	9.5	9.2	9.0	8.9	8.6	8.6	8.6	19.6	24.7	26.5	28.5	31.2	34.1	33.4	31.8	29.2	25.9	22.1			
Fulton.........	... ..do.....	25	27.1	25.2	23.7	22.4	21.0	19.6	18.1	16.7	15.0	13.4	11.8	10.3	9.6	9.3	9.2	9.9	11.6	16.7	25.5	28.8	32.3	35.1	36.2	36.4	36.2	35.0	33.2	31.5			
Big Lake Outl't	Little River.	10	12.2	12.4	12.7	12.9	12.9	12.9	12.3	12.6	12.4	12.1	11.8	11.6	11.2	11.0	10.7	10.5	10.8	11.5	12.7	14.1	15.5	16.7	17.3	17.5	17.5	17.2	16.9	16.5			
St. Francis...	St. Francis.	18	19.9	19.6	19.4	19.2	19.1	18.9	18.7	18.4	18.3	15.9	13.1	11.4	10.4	10.3	11.0	14.1	15.0	18.1	19.1	19.3	19.3	21.0	22.7	23.4	23.2	22.5	21.6	20.7			
St. Francis L.L.	......do	..	23.9	24.0	24.8	24.6	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.7	24.6	24.5	24.5	24.4	24.6	24.8	25.1	25.5	26.1	26.4	26.7	26.9	27.0	27.1	27.2			
Marked Tree .	......do .. .	17	5.0	4.9	4.7	4.5	4.3	4.2	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.2	3.0	3.1	3.5	5.5	7.9	8.1	8.0	7.9	7.5	7.1	6.9	6.8	6.6	6.5			
Parkin	.. ..do	28	13.3	13.5	13.5	13.3	13.0	12.9	12.9	12.9	13.0	13.1	13.2	13.2	13.1	13.1	13.0	13.0	13.0	15.5	18.6	20.1	20.7	21.1	21.4	21.6	21.8	21.9	22.0	22.0			
Madison.......	.... .do	32	14.7	15.1	15.4	15.6	15.7	15.8	15.9	16.0	16.1	16.1	16.0	15.7	15.4	15.2	15.1	14.9	14.7	18.6	19.5	20.9	21.8	22.4	22.9	23.3	23.7	24.0	24.3	24.5			
Helena	Mississippi .	42	26.4	27.8	28.9	29.7	30.1	30.4	30.8	30.8	30.6	29.9	28.7	27.1	25.4	23.8	22.6	21.9	22.0	22.9	24.9	26.7	28.6	30.6	32.1	33.3	34.2	34.8	35.1	35.1			
Arkansas City.	......do	42	22.4	23.2	23.8	24.4	24.8	25.1	25.3	25.5	25.6	25.4	25.1	24.4	23.4	22.5	21.4	20.4	19.6	20.1	22.8	25.0	26.7	28.4	30.0	31.3	32.2	32.8	32.9	32.7			

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24 hours ending 7 a. m. *Included in next measurement. ¶Pool stages from 3d to 14th, inclusive.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period: for stations with 10 to 14 years the means are for the period to 1935, inclusive. ‡Evap. reading Feb. 3d was .107, evap. for 4 days interpolated: Jan. 31st .027; Feb. 1 to 3, .080.

Precipitation for February, 1938



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLIII Little Rock, Ark., March, 1938 No. 3

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The month of March was above normal in both temperature and precipitation. The mean temperature for the month, based on the reports of 70 stations, was 60.3° which is 7.7° above the 48-year average. This was the warmest March since 1921 and the fourth warmest March in State records. The monthly means ranged from 65.9° at Magnolia to 51.2° at White Rock. The highest temperature during the month was 91° at Magnolia on the 21st. The lowest temperatures of the month occurred during the first week, the lowest being 20° at Mammoth Spring and Thornburg on the 1st and at Lead Hill on the 7th. The greatest daily range was 52° at Arkadelphia.

The average precipitation for the 101 stations reporting was 6.02 inches, which is 1.29 inches above the 48-year average. Monthly precipitation was below normal at stations in Desha, Logan, Ouachita, Ashley, Union, Miller, Scott, Bradley and Mississippi counties. The monthly amounts ranged from 10.71 inches at Higden in Cleburne County to 3.25 inches at Magnolia in Columbia County. Rainfall was well distributed throughout the month, with heavy amounts recorded at most stations during the last week of the month. The average number of days with 0.01 or more precipitation was 10.

Farm work progressed normally during the month, and much was accomplished in the way of plowing, preparation for planting, and planting, where the soil was dry enough to work. Little or no farm work was done in the lowlands that were submerged by flood waters the first part of the month. Wheat, winter oats, meadows, pastures, gardens and truck made excellent progress except where flood waters destroyed crops. Peaches, plums and pears, suffered from low temperatures and frost on the 1st and 6th but the damage was small. Fruit trees were blooming in the northern counties during the latter half of the month, and apple trees were beginning to bloom at the close of the month.

Fourteen tornadoes occurred during the month: one on the 15th, four on the 28th, and nine on the 30th. 18 persons were killed; 287 injured, and property losses were estimated at $366,000.

Moderate or heavy hail was reported as follows: Fayetteville 4th; Blytheville and Marked Tree 15th; Devils Knob 19th; Higden and Witt Springs 29th; Higden 30th and Gravette 31st. Damage by hail at Fayetteville was estimated at $1,000. Damage elsewhere was slight.

Rivers were high at the close of the month as a result of the heavy rains during the last week. Flood losses in the Arkansas River Basin, March 29th to April 2d, 1938 totaled $109,000. In the White River Basin, March 29th to April 21st, 1938, losses totaled $10,700. Flood losses in the Ouachita River Basin, March 29th to April 25th, 1938 totaled $1,400. Flood loss reports in the St. Francis River Basin and the Red River Basin have not been received to date. O.D.N.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	2	.	.	.	.	3	2	3	.	.	.	.	..	.	.	..	2	.	.	..	.	.	.	.	5	.	.	.
Light Hail	.	..	.	.	2	.	.		.		.	.	.	.	5	.	.	.	7	.	.		1		.	1	.	.	..	2	.
Moderate Hail	..	.	.	1	.	.	.	.	.	.	.	.	.		2		.	..	1		..	.	.	.	.	..		.	2	1	1
Thunderstorm	.	2	3	3	7	.	..	4	17	.	.	..	2	6	14	.	..	4	24	2	3	12	10	.	1	21	7	22	23	26	16

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.94	30.55	7	29.47	13	9.5	30	sw	30	..	..	..	58
Fort Smith	29.93	30.50	7	29.53	4	7.4	29	sw	13	75	52	48	52
Little Rock	29.95	30.52	7	29 55	13	9.9	31	w	22	81	56	52	63
Memphis	29.96	30.55	7	29.59	15	9.7	30	sw	29	76	62	57	54

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1 3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	88	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	8	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T.	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.6	86	11	5.67	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T.	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3 04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
Period	52.6	98	1	4.73	0.5	8	13	7	11

Climatological Data for March, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	59.2	....	84	4	25	1	41	5.28	....	2.00	0.0	9	10	13	8	sw.	L. R Water Works
Amity	Clark	500	43	59.2	+5.2	82	21	28	7†	40	8.75	+4.65	3.22	0.0	9	9^{a}	16^{a}	5^{a}	s.	J. W. Campbell
Arkadelphia	Clark	200	43	62.5	....	87	3†	30	7	52	5.93	+1.46	1.31	0.0	11	13	14	4	s.	Mrs. Ted R. Carpent
Arkansas City	Desha	145	54	....	....	....	....	....	....	....	3.92	−1.28	0.85	0.0	10	15	0	16	....	Herbert Neff
Batesville	Independence	277	39	59.9	+9.7	82	22	25	1	38	7.30	....	2.57	0.0	12	11	6	14	s.	Airway Observer
Bee Branch	Van Buren	700	46	59.2	+7.4	81	21	25	1	42	9.49	+5.11	2.50	0.0	10	12	12	7	w.	J. E. Scanlan
Benton	Saline	285	3	60.5	....	84	4†	25	1	43	6.53	....	2.86	0.0	11	21	4	6	se.	S. A. Burks
Bentonville	Benton	1295	33	56.2	+7.8	81	14	24	6	34	5.01	+0.98	1.50	0.0	13	8	11	12	s.	U. S. Weather Burea
Big Lake Outlet. ‡‡	Mississippi	239	8	....	....	....	....	....	....	....	5.21	....	2.19	0.0	13	10	3	18	....	C. J. Brooks
Black Rock	Lawrence	259	37	....	....	....	....	....	....	....	7.96	+3.60	2.44	0.0	14	15	1	15	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	59.6	+8.0	82^{e}	14	28	7	34	3.36	−1.98	1.69	0.0	10	14	9	8	s.	Samuel Norris
Booneville	Logan	465	24	61.2	+8.0	85	4†	26	7	45	3.90	−0.13	1.10	0.0	10	10	10	11	s.	F. H. Randolph
Boughton ‡‡	Nevada	235	3	....	....	....	....	....	....	....	5.57	....	1.98	0.0	8	11	2	18	....	Harry Buie
Brinkley	Monroe	205	51	61.2	+7.9	82	25	25	1	36	6.48	+1.19	1.75	0.0	12	17	4	10	sw.	R. J Torry
Calico Rock	Izard	361	34	....	....	....	....	....	....	....	6.29	+2.25	2.32	0.0	12	15	3	13	....	William Jones
Camden	Ouachita	116	53	64.6	+9.6	86	26	31	7	42	4.48	−0.15	1.39	0.0	11	12	3	16	se.	J M. Knight
Carthage	Dallas	297	33	61.9	+4.9	84	4†	25	1	41	5.31	+0.61	1.40	0.0	7	7	18	6	s.	P. K. Wylie
Clarendon	Monroe	172	34	....	....	....	....	....	....	....	6.57	+1.68	1.71	0.0	12	8	7	16	s	R. M. Wheatley
Clinton	Van Buren	516	17	....	....	....	....	....	....	....	5.57	+1.01	2.28	0.0	8	9	14	8	sw.	A L. Stephens
Conway	Faulkner	309	55	61.8	+8.0	87	4	26	1	40	5.83	+1.55	2.27	0.0	10	13	13	5	s.	E. E Cordrey
Corning	Clay	293	45	58.6	+7.9	84	21	23	1	39	8.16	+3.80	2.50	0.0	11	16	7	8	w.	Winfred D. Polk
Cotter	Baxter	440	11	....	....	....	....	....	....	....	4.99	+1.86	1.48	0.0	10	16	5	10	....	O. B McSpadden
Crosset (near)	Ashley	175	26	63.0	+7.6	86	21†	25	1	40	4.85	−0.29	1.54	0.0	10	17	8	6	s.	U. S. Forest Service
Danville	Yell	327	22	....	....	....	....	....	....	....	4.51	+0.77	1.38	0.0	14	11	9	11	....	J. M. Patterson
Dardanelle	Yell	330	52	61.8	+9.0	87	21	29	7	39	5.50	+1.52	1.76	0.0	13	6	15	10	s.	Geo. N. Goodier
De Queen	Sevier	426	3	62.4	....	85	4	29	7	40	6.18	....	1.45	0.0	8	13	10	8	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	58.9	....	78	21	21	6	35	5.44	....	1.74	0.0	12	16	5	10	s.	U. S. Forest Service
Dumas	Desha	162	33	63.1	+7.8	88	4†	28	1	43	8.41	+2.65	2.00	0.0	10	10	10	11	s.	Ben Johnson
El Dorado	Union	270	38	64.4	+8.2	85	21†	29	1	36	4.61	−0.35	1.48	0.0	11	16	7	8	s.	Mrs. E. W. Gasto
England	Lonoke	229	32	61.4	+7.0	82^{a}	4	28^{a}	1	33^{a}	6.71	+1.87	1.97	0.0	9	17^{a}	4^{a}	9^{a}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	58.2	+8.1	83	14	24	6	42	5.96	+1.98	1.70	0.0	10	14	7	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	51	57.8	+8.3	80	25	25	6	40	5.64	+1.94	1.12	0.0	12	9	13	9	sw.	University of Arkans
Fordyce	Dallas	190	10	63.0^{e}	....	84^{e}	4	29^{e}	1	33^{e}	5.97	....	2.12	0.0	5	14^{e}	7^{e}	5^{e}	s.	M. G. Taylor
Fort Smith	Sebastian	448	14	60.2	+7.6	84	25	31	6	39	3.38	+0.37	1.24	0.0	11	11	10	10	e.	U. S. Weather Bure
Fulton	Hempstead	260	53	....	....	....	....	....	....	....	4.99	+0.65	1.62	0.0	9	10	7	14	....	T. J. Logan
Georgetown	White	200	26	....	....	....	....	....	....	....	7.18	+2.49	2.00	0.0	11	12	6	13	....	W. R. Putt
Gilbert	Searcy	600	13	56.2	....	85	22	21	7	48	5.17	+2.45	1.74	0.0	12	17	3	11	....	F. J. King
Glenwood	Pike	547	3	....	....	....	....	....	....	....	9.81	....	2.12	0.0	11	10	9	12	....	C. A. Price
Grannis	Polk	900	19	57.0	+5.6	81	25	25	7	40	5.96	+1.02	1.73	0.0	11	14	7	10	se.	W. E. McVay
Gravette	Benton	1250	41	55.0	+9.0	84	24	24	6	45	5.55	+1.93	2.00	0.0	11	12	12	7	sw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	57.6^{d}	....	81^{d}	21^{d}	27^{d}	6	37^{d}	6.40	....	2.19	0.0	10	12^{d}	5^{d}	10^{d}	sw.	U. S. Forest Service
Harrison	Boone	1052	38	57.5	+8.9	84	25	24	7	42	4.87	+1.28	1.53	0.0	11	18	5	8	sw.	Louis R. Keck
Helena	Phillips	300	66	61.0	+7.4	82	25	30	7	31	7.81	+2.10	2.10	0.0	11	11	9	11	s.	James A. Burnett
Higden	Cleburne	445	19	....	....	....	....	....	....	....	10.71	+6.45	3.71	0.0	12	17	4	10	s.	Austin E. Cartwrig
Highland	Pike	491	19	63.2	....	89	22	32	6†	35	7.00	+2.63	2.13	0.0	8	8	13	10	sw.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	60.8	+4.2	87^{a}	21	31	1†	43^{a}	5.91	+1.23	1.94	0.0	9	11	11	9	sw.	Experiment Farm
Hot Springs	Garland	600	47	61.8	+8.1	87	4	28	1	40	8.99	+4.56	2.79	0.0	11	11	13	7	s.	National Park Serv
Index ‡‡	Little River	275	21	....	....	....	....	....	....	....	5.75	+1.71	2.10	0.0	9	15	2	14	....	W. E. McDowell
Jessieville	Garland	750	12	....	....	....	....	....	....	....	7.65	+3.34	3.10	0.0	6	11	10	10	sw.	U. S. Forest Service
Jonesboro	Craighead	345	43	59.6	+7.4	82	14†	26	1	38	5.57	+1.01	2.96	0.0	13	13	2	16	sw.	Benedictine Sisters
Judsonia	White	....	2	....	....	....	....	....	....	....	8.86	....	3.45	0.0	9	12^{a}	6^{a}	12^{a}	....	T. H. Beals
Lead Hill	Boone	650	32	56.6	+7.8	85	21	20	7	48	5.10	+1.46	1.27	0.0	10	16	7	8	w.	J. H Crosswhite
LITTLE ROCK.	Pulaski	324	59	60.6	+7.6	84	4	33	1	34	7.18	+2.56	3.00	0.0	11	9	9	13	s.	U. S. Weather Bur
Little Rock Airway	Pulaski	257	2	60.8	....	85	4	28	1	38	7.91	....	2.48	0.0	10	10	9	12	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	39	58.8	+7.2	83	4†	26	7	39	8.24	+4.23	2.07	0.0	11	8	10	13	se.	H. G. Lenhardt
Madison	St. Francis	209	8	....	....	....	....	....	....	....	6.06	....	1.50	0.0	10	10	1	20	....	J. W. Eppes
Magnolia	Columbia	315	22	65.9	+9.1	91	21	31	1	43	3.25	−1.21	1.30	0.0	7	8	18	5	s.	State Agri. School
Mammoth Spring	Fulton	600	34	57.5	+7.7	83	21†	20	1	44	6.76	+3.10	3.38	0.0	9	11	12	8	sw.	Paul Morton
Marianna	Lee	235	27	61.6	+7.6	83	25	29	1	33	6.12	+1.45	1.90	0.0	15	5	22	4	s.	C. N. Houck
Marked Tree	Poinsett	229	34	58.5	+8.1	81	14†	25	1	35	6.86	+1.97	2.85	0.0	14	8	13	10	n.	Charles Walton
Mena	Polk	1207	50	59.6	+7.3	82	4†	28	7	40	5.71	+1.48	1.52	0.0	14	14	7	10	sw.	E. W. St. John
Monticello Airway	Drew	273	2	62.7	....	83	25	28	1	31	5.07	....	1.62	0.0	8	11	11	9	sw.	Airway Observer
Monticello	Drew	273	3	....	....	....	....	....	....	....	5.75	....	1.70	0.0	9	..	.	..	....	Soil Conservation S
Montongo	Drew	....	3	....	....	....	....	....	....	....	4.52	....	1.37	0.0	9	..	..	..	....	Soil Conservation S
Morrilton	Conway	315	19	62.2	+11.4	83	4	29	1	44	5.78	+2.10	2.80	0.0	11	7	18	6	s.	Mrs. Freda M. Ashe
Mountainburg(nea	Crawford	2010	1	....	....	....	....	....	....	....	3.93	....	0.75	0.0	11	15	8	8	se.	C. A. Lovell
Mountain Home	Baxter	800	26	57.0	+7.0	85	21	24	7	42	6.63	+3.12	1.50	0.0	10	16	3	12	w.	B. S. Halbert
Mount Ida	Montgomery	702	39	57.4	+5.2	84	4†	21	7	42	6.08	+1.92	1.45	0.0	10	7	13	11	sw.	G. A. Whittington
Newport	Jackson	231	55	60.7	+8.4	83	22	29	1	38	6.38	+1.96	3.22	0.0	13	12	11	8	n.	J. D. Henderson
Norman	Montgomery	687	10	....	....	....	....	....	....	....	5.46	....	1.50	0.0	8	14	3	14	sw.	U. S. Forest Service
Oden	Montgomery	800	11	60.8	....	84	4†	27	7	43	4.63	....	1.34	0.0	12	13	8	10	s.	U. S. Forest Servic
Okay	Howard	288	10	64.2	....	86	4†	30	7	42	7.10	....	2.51	0.0	8	15	8	8	s.	Charles R. Jackson
Ozark	Franklin	396	43	60.4	+8.0	85	21	28	27	36	4.33	+1.17	1.60	0.0	10	11	6	14	e.	Orkney O. Milton
Parkin	Cross	222	8	....	....	....	....	....	....	....	6.12	....	2.23	0.0	8	12	2	17	....	Carroll King
Pine Bluff	Jefferson	215	51	63.4	+8.6	86	4	30	1	37	6.45	+1.28	1.42	0.0	12	14	4	13	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	14	....	....	....	....	....	....	....	5.24	+0.49	1.80	0.0	6	19^{a}	5^{a}	6^{a}	w.	J R. Huddleston
Pocahontas	Randolph	300	45	58.8	+7.8	82	22	24	1	37	8.36	+4.00	2.15	0.0	13	15	5	11	sw.	Benedictine Sisters
Portland	Ashley	122	32	63.7	+7.0	85	21	29	1	37	4.37	−0.80	1.05	0.0	10	12	10	9	sw.	W E. Edmiston
Prescott	Nevada	318	50	64.6	+9.0	87	4	31	1	44	5.46	+0.96	1.65	0.0	11	17	6	8	s.	Craig Williams
Rock Springs ‡‡	Drew	....	3	....	....	....	....	....	....	....	4.91	....	1.68	0.0	11	..	..	..	....	Soil Conservation S
Rogers (near) ‡‡	Benton	1300	48	58.0	+9.0	83	14	25	6†	40	5.04	+1.64	1.75	0.0	8	16	2	13	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	....	....	....	....	....	....	....	5.01	....	2.60	0.0	8	17	5	9	n.	G. A. Maddox
Russellville [Evap]	Pope	526	26	61.2	+8.9	86	21	28	1†	42	5.30	+0.42	1.43	0.0	11	25	0	6	se.	U. S. Forest Servic
St. Charles	Arkansas	175	5	60.0	....	83	25	34	7	36	7.08	....	1.32	0.0	12	9	11	11	s.	U. S. Biological Sur
St. Francis	Clay	290	11	....	....	....	....	....	....	....	6.20	+0.80	1.82	0.0	12	16	12	3	....	A Boyce Boyd, Jr.
Searcy	White	245	28	60.7	+8.5	84	4	28	1†	38	7.72	+3.66	3.96	0.0	12	14	4	13	sw.	Walter Smith
Springbank ‡‡	Miller	240	29	....	....	....	....	....	....	....	3.57	−0.82	0.87	0.0	11	10^{a}	1^{a}	19^{a}	....	Henry Field
Story	Montgomery	650	14	....	....	....	....	....	....	....	6.46	+2.18	1.12	0.0	9	16	8	7	sw.	S. C Story
Stuttgart	Arkansas	214	51	61.2	+7.4	84	25	27	1	36	7.43	+2.44	1.50	0.0	12	17	7	7	se.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	3	59.8	....	82^{a}	5†	28	1	34^{a}	7.57	....	1.30	0.0	14	..	..	..	....	Rice Experiment St
Subiaco	Logan	760	41	61.0	+8.0	86	21	29	7	37	5.20	+1.47	1.28	0.0	11	13	9	9	sw	New Subiaco Abbe
Texarkana	Miller	332	53	64.7	+8.5	86	26	33	1†	37	4.74	+0.48	1.58	0.0	7	14	11	6	s.	H. S. Brashear
Thornburg	Perry	650	18	58.8	+7.1	89	14	20	1	45	4.98	+1.12	1.92	0.0	10	13^{a}	8^{a}	9^{a}	s.	Edward E. Holme
Turnpike ‡‡	Pope	2240	14	55.8	....	79	21	25	6	32	5.95	+1.46	1.69	0.0	11	15	5	11	sw	U. S. Forest Servic
Waldron	Scott	675	19	....	....	....	....	....	....	....	3.28	−0.99	1.98	0.0	7	10	8	13	sw.	E. B. Shadoan
Warren	Bradley	206	44	64.2	+8.2	84	4†	30	1	35	4.32	−0.87	1.77	0.0	7	13	4	14	se.	C N. Turner
Whitecliffs	Little River	290	32	....	....	....	....	....	....	....	6.74	+2.55	1.85	0.0	9	15	3	13	....	L. M. Snead
White Rock ‡‡	Franklin	2285	2	51.2	....	77	14†	21	6	43	6.96	....	2.50	0.0	10	11	10	10	sw.	U. S. Forest Servic
Wilson	Mississippi	237	13	59.4	+7.3	80	21	24	1	37	4.50	−0.91	1.48	0.0	8	19	5	7	s.	D. O. Anderson
Wynne	Cross	250	30	61.7	+10.1	81	25†	24	1	43	7.19	+2.34	2.00	0.0	11	10	8	13	s.	B. M. Eddins
Yancopin	Desha	167	14	....	....	....	....	....	....	....	6.80	+1.21	1.90	0.0	11	12	5	14	....	W. E. Barton
State Means				60.3	+7.7	91	21	20	1†	52	6.02	+1.29	3.96	0.0	10	13	8	10	s.	

Daily Precipitation for March, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita									1.70						.01				.08	.08			.48			.01	.34	.58	2.00	T.		5.28
Amity	Ouachita									1.05	.67					.32				.36				.74				.59	.93	3.22		.87	8.75
Arkadelphia	Ouachita		.04				T.			.79	.89					.12	.02			.31				.83				.81	.52	1.31		.29	5.93
Arkansas City	Mississippi						.25		T.	T.	.57									.85	.25		.13	.56				.23	.27	.66		.15	3.92
Batesville Airway	White					.01				.68	T.					.09				.07	.39		.12				.25	.37	.50	2.57	.53	1.72	7.30
Bee Branch	Arkansas		T.			.10				.80						T.				T.	.45			.70			.27	.30	.70	2.10	2.50	1.57	9.49
Benton	Saline		T.			.03				2.86						.13				.36				.40			.05	.36	.60	1.27	.03	.44	6.53
Bentonville	Arkansas	.32			.88	.09			.09	.10	T.			.02		.04			.01	.24	T.		T.				1.48	.01	1.50		.23		5.01
Big Lake Outlet	St. Francis		.05	.03			.13			.21	.89			T.		T.	.18			.48	.12			.26			.22	.37	.08	2.19			5.21
Black Rock	White			T.		.08	T			.31	.57			.03		.10	.16			.16	.10			.09			T.	.97	.05	2.44	1.26	1.64	7.96
Blytheville	St Francis						.26			.67						.03	.05				.09			.07			.09	.39	.02	1.69			3.36
Booneville	Arkansas									.61						.39				.23				.02			.42	.57	.52	1.10	.02	.02	3.90
Boughton	Ouachita									.34	.78									.93				.59				.23	.08	1.98		.64	5.57
Brinkley	White			.03		.16				1.75										.81	.10		.02	.26			.26	.66	.59	1.26		.58	6.48
Calico Rock	White					.01				.33	.53					.36				.12	.30			T.			.25	1.42	.15	2.32	.10	.40	6.29
Camden	Ouachita								.02	.16	.88					.07				.97	.16		.18	.31					.02	1.39		.32	4.48
Carthage	Arkansas					T.				1.40										.90				.30				.15		1.16	.75	.65	5.31
Clarendon	White			T.			.14			.52	1.71						.05			.95	.13		.06	.35				.94	.05	1.27		.40	6.57
Clinton	White									.41										.33			.12				.30	.22	2.28		1.80	.11	5.57
Conway	Arkansas					.02				1.42										.16				.34			.09	.57	.65	2.27	.13	.18	5.83
Corning	White		.03				.06				.90					.44	.12				.25			.27				.77		2.05	2.50	.77	8.16
Cotter	White		.07			.35				.52	.40					.30				.28		.14					.20	1.25		1.48			4.99
Crossett [near]	Ouachita					.35			.05	.60						.26				1.54			.82					.17	.18	.86		.02	4.85
Danville	Arkansas		.02			.06				.18	.48					.02				.05	.31			.09			.25	.71	.72	1.38	.17	.07	4.51
Dardanelle	Arkansas		.04							.13	.60					.02				.17	.15			.10			.38	.93	.42	1.76	.55	.25	5.50
De Queen	Red		T.							1.81						.31				.22				.28					.61	1.32	.18	1.45	6.18
Devils Knob	Arkansas		.02		T.	.02				.71	.02			T.		.65				.60				T.			.50	.73	.23	1.74	.08	.14	5.44
Dumas	Mississippi			.31		.80				2.00										1.76	.55	.23	1.02	.63					T.	1.00	T.	.11	8.41
El Dorado	Ouachita			.03			.10		.04	T	.50						.60			1.48	.16		.28	.49				T.	.01	.92			4.61
England	Arkansas					.09				1.97						.06				1.27							.45	.65	.20	1.42	T.	.60	6.71
Eureka Springs	White		.33			.40				.27						.19				.82							1.70	.20	.60	1.35		.10	5.96
Fayetteville	White		.08			1.07			T.	.30	.04			.03		.20			T.	.63	T.		T				1.09	.69	.20	1.12	.02	.17	5.64
Fordyce	Ouachita			T.		.36				2.12										1.24				.55						.80			5.07
Fort Smith	Arkansas	T.	.02			.02			.10	.62	T.					.13			.03	.09							.94	.06	1.24		.13		3.38
Fulton	Red			T.		T.				.27	.72					.02				.70				.56				.76	.12	1.62		.22	4.99
Georgetown	White						.10			.26	1.25						.73			.50	.25			.34				.62	.40	2.00		.73	7.18
Gilbert	White									.65	.21					.40	.04			.05	.06						.10	1.74	.10	1.28	.18	.36	5.17
Glenwood	Ouachita						.07			1.42	1.06					.26				.27				1.03				.63	.67	2.00	.28	2.12	9.81
Grannis	Red		.02	T.		.03			T.	1.45						.19			T.	.18				.12				.68	.55	1.73	.06	.95	5.96
Gravette	Arkansas		.56			.46				.15	.15									.16	.06							1.30	.03	2.00	.05	.63	5.55
Green Mountain	White					.02				.74	T.					.27						.21					1.14	.49	.67	2.19	.15	.52	6.40
Harrison	White		.05			.09				.71						.30				.16	.01						1.20	.39	.18	1.53	.25		4.87
Helena	Mississippi			.07			1.06			.49	2.10									1.15	.13			.44				.85		1.05	.04	.43	7.81
Higden	White		.03			.10				.70										.01	.61			.56			.28	.31	.54	2.45	3.71	1.41	10.71
Highland	Ouachita									1.74										.71			.01	.40				.71	1.07	2.13	.23		7.00
Hope [Evap]	Red									.32	.63					.11				1.02				.47				.69	.08	1.94		.65	5.91
Hot Springs	Ouachita					.05				2.79						.80				.27				.33			.05	.34	.65	2.35	.06	1.30	8.99
Index	Red					T.				.35	.70					.05				.70			.65					.60	.30	2.10		.30	5.75
Jessieville	Ouachita									1.75						.15				.50									1.25	3.10		.90	7.65
Jonesboro	White		.04	T.			.01			.16	.87			.01		T.	.07			.32	.06			.09				.63	.13	2.96		.22	5.57
Judsonia	White		.02							.48	.86									.85	.36							.85	.95	3.45		1.04	8.86
Lead Hill	White		.16			.23				.44						.05				.86							1.23	.33	.33	1.27	.20		5.10
Little Rock	Arkansas		T.			.09			T.	1.72			T			.24				.46			.25				.03	.21	2.99	.01	.65	.53	7.18
LittleRock Airway	Arkansas		T.			.08				1.80			T.			.12				.57				.24			.03	.38	1.09	2.48		1.12	7.91
Lutherville	Arkansas		.13							.70						.76				1.71				.03			.82	.67	.93	2.07	.12	.30	8.24
Madison	St. Francis			T.			.55			.75	1.08					T.				.87	.07			.30	T.			.56	.20	1.50		.18	6.06
Magnolia	Red								.05	.65	.03					.10				1.30									.10	1.02			3.25
Mammoth Spg	White		.14							.33	.67			.12		.20			T.	T.	.47							.95	T.	3.38	.50		6.76
Marianna	St. Francis		.01	.29		1.22	.05			1.90	.04									.75	.25		.10	.18			.10	.52	.13	.43		.15	6.12
Marked Tree	St. Francis		.02				.07			.28	1.11				.07	.04	.25			.55	.03			.26				1.06	.26	2.85		.03	6.86
Mena	Ouachita		T.	.20		.04				.80	.30					.14				.19		.09		.04			.03	.97	.47	1.52	.08	.84	5.71
Monticello Airway	Ouachita					.60				.79	.01									1.62			.06	.56				.07	T.	1.36			5.07
Monticello	Ouachita	T.				.73				1.00						.03				1.70		.20	.47	T.				.03	.80	.77		T.	5.73
Montongo	Ouachita	.01				.51				1.37						T				1.29		T.	.40	.05				.12	T	.68		.09	4.52
Morrilton	Arkansas					T.				.55	.50					.05				.06		.09		.30				.52	.49	2.80	.15	.27	5.78
Mountainburg	Arkansas	T.				.21				.49	.02					.10				.52							.55	.54	.75	.52	.02	.21	3.93
Mountain Home	White					.50				1.00						.38				.70							1.40	.35	.30	1.50	.20	.30	6.63
Mount Ida	Ouachita									1.44						.18				.08				.64			.15	.40	.47	1.45	.65	.62	6.08
Newport	White		.01	T.			.14			.28	.63					.02	.28			.22	.21			.20				.93	.19	3.22	.05		6.38
Norman	Ouachita									.89	.62													.28				.48	.36	1.50	.16	1.17	5.46
Oden	Ouachita					.02	.07			.57	.33					.04				.10			.36					.40	.54	1.34	.35	.51	4.63
Okay	Red		T.			T.			T.	1.68						T.				.73				.65				.83	.31	2.51	.03	.36	7.10
Ozark	Arkansas		T.	.01						.40	.22					.80				.02	.20							.98	.34	1.60		.26	4.33
Parkin	St. Francis									.45	1.10									.73				.33				.50	.26	2.23		.52	6.12
Pine Bluff	Arkansas			.05			.03			1.42	1.20						.03			1.16	.08			.50				.33	.06	1.31		.28	6.45
Pine Ridge	Ouachita									.79	.51											.41							.70	1.80	1.03		5.24
Plantersville	White	.01				.20				1.35						T.				1.46		.25	.32	.05				.02	.30	.30		.10	4.36
Pocahontas	White		.03			.10				.80	.03					.55				.25	.07						.74	.30	.30	2.00	2.15	1.04	8.36
Portland	Ouachita						.58		.03		.80									1.05	.24		.04	.76					.03	.74		.10	4.37
Prescott	Ouachita								.01	.30	.70					.02				.80	.02			.58				.52	.28	1.65		.58	5.46
Rock Springs	Ouachita	T.				.43				1.15						.02				1.68		.10	.32	.05				.02	.46	.46		.22	4.91
Rogers (near)	White		.18			.53				.21										.68							1.75	.25	.31	1.13		T.	5.04
Rosebud	Arkansas		T			.10				.82										.54			.18				.04	.11	2.60		.62		5.01
Russellville	Arkansas		.03							.62										.07	.35			.12			.93	.32	1.26	1.43	.13	.04	5.30
St. Charles	White			.08			.82			1.14	1.32									1.30	.14		.28	.47				.29	.05	.64		.55	7.08
St. Francis	St. Francis			.06		T.	.14			.12	.82				T.	.10				.22	.08			.06				.61	T.	1.82	.53	1.64	6.20
Searcy	White		.02							.45	.88				.03	T	.13			.22	.45			.24				.45	.49	3.96		.40	7.72
Springbank	Red					T.	T.		.10	.03	.51					.10	T.			.85	.05		.06	.85				.07		.87		.08	3.57
Story	Ouachita					.40				.96						.97				.46			.62				.40	.42		1.11	1.12		6.46
Stuttgart	Arkansas			.05			.23			.85	1.50						.10			1.03	.12			.60				.40	.55	1.50		.50	7.43
Stuttgart [Evap]	Arkansas		T.	.06			1.30	.01		.80	1.28	.01		.01			T.			1.14	.11			.44				.43	.02	.94		1.02	7.57
Subiaco	Arkansas		T	.05						.62	.05					.56				.54							.75	.61	.47	1.28	.21	.06	5.20
Texarkana	Red								T	.25	.51								T.	.93								1.07	.20	1.58		.20	4.74
Thornburg	Arkansas		T.			.02				1.27						.10				.37		T.					.25	.27	.55	1.92	.01	.22	4.98
Turnpike	Arkansas			T.	.03					.61	.16					.46				.44							.51	1.05	.31	1.69	.20	.49	5.95
Waldron	Arkansas			.03	.01					.54						.04			T	T			T.				.50	.18	1.98				3.28
Warren	Ouachita					.10			.88						.10				1.77	T.				.36				T.		.90		.21	4.32
Whitecliffs	Red									.65	1.02					.12				.56				.45				.80	.67	1.85		.62	6.74
White Rock	Arkansas					.30				.65	.65					.22				1.10	.02						1.30		2.50		.05	.17	6.96
Wilson	Mississippi			.38			.35			1.25	.04													.30				.65		1.48		.05	4.50
Wynne	St. Francis					.18				1.50					.15					.32			.21	.15			.48	.40	2.00	1.35	.45		7.19
Yancopin	Arkansas			.23			.69			.34	1.90									1.55	.40		T.	.31				.18	.04	1.07		.09	6.80

Daily temperatures for March, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Alum Fork	Maximum	60	64	76	84	80	67	65	68	60	57	67	76	79	79	79	71	75	79	75	76	82	76	78	75	78	77	58	58	78	76	75
	Minimum	25	45	46	48	55	31	27	41	43	41	38	38	59	61	63	47	40	38	53	40	44	54	44	37	54	55	44	46	52	56	55
Amity §§	Maximum	63	68	78	81	77	57	68	63	54	63	73	78	81	81	78	67	78	81	74	79	82	79	68	79	80	69	49	67	80	76	69
	Minimum	29	29	49	50	58	33	28	28	46	43	40	40	48	62	61	51	43	43	50	43	48	56	54	40	43	64	47	47	48	55	56
Arkadelphia §§	Maximum	82	75	87	65	64	49	82	68	54	71	77	82	68	83	83	82	85	85	83	87	84	83	83	82	85	83	52	81	84	76	83
	Minimum	38	49	50	57	51	33	30	35	48	44	40	40	49	59	60	57	42	45	44	44	51	59	55	44	45	63	48	49	50	53	57
Batesville	Maximum	59	63	68	81	76	53	64	73	62	59	68	78	79	80	80	75	74	73	72	75	81	82	75	73	80	76	54	59	80	79	72
	Minimum	25	46	51	43	50	34	27	43	46	45	37	41	61	61	63	52	44	41	56	45	56	62	56	41	53	52	45	46	57	60	53
Bee Branch	Maximum	67	60	63	80	80	60	60	68	63	59	65	71	78	79	80	76	74	76	76	74	81	79	77	70	78	78	53	56	77	77	73
	Minimum	25	43	50	51	57	30	26	40	45	44	42	40	60	54	65	48	46	39	55	46	46	58	51	40	55	51	46	45	53	58	50
Benton	Maximum	61	66	73	84	82	70	66	65	60	62	71	78	80	79	80	69	78	80	74	78	81	78	72	75	84	81	57	69	81	77	75
	Minimum	25	42	43	49	59	31	27	40	46	44	37	39	60	63	65	52	39	37	55	41	45	59	53	39	56	56	46	47	54	60	57
Bentonville ***	Maximum	56	69	67	79	63	44	63	67	53	49	66	76	76	81	70	55	72	77	65	76	80	73	58	73	81	60	51	61	75	79	58
	Minimum	34	46	46	57	32	24	29	43	45	40	34	47	59	53	55	43	39	52	49	43	59	56	45	40	60	43	43	46	51	57	40
Blytheville	Maximum	..	..	..	..	..	50	62	68	58	58	67	72	75	82	80	62	63	78	72	69	81	79	67	65	81	69	58	65	78	81	76
	Minimum	42	49	46	50	47	38	28	39	46	45	40	41	59	61	59	51	49	55	55	53	49	62	49	47	52	49	45	48	60	68	52
Booneville	Maximum	61	73	72	85	80	51	71	66	60	61	79	76	85	83	79	72	77	82	74	81	85	80	75	78	84	82	57	63	80	78	75
	Minimum	32	50	44	54	51	29	26	44	46	46	35	39	69	51	57	48	41	51	55	39	55	61	49	37	63	55	46	45	53	68	50
Brinkley	Maximum	61	66	73	81	75	59	63	64	71	60	69	77	78	79	81	74	72	79	71	78	81	80	71	74	82	79	56	66	81	82	77
	Minimum	25	46	51	47	59	36	29	32	41	46	40	44	61	63	65	55	45	43	55	49	53	60	58	42	55	54	46	49	60	68	55
Camden	Maximum	64	70	80	84	85	76	68	66	61	66	74	78	80	81	83	83	78	81	80	83	84	79	78	81	85	86	70	78	85	80	80
	Minimum	32	48	51	54	65	34	31	45	48	46	42	45	62	63	67	58	46	43	56	44	52	58	58	44	58	64	51	51	57	71	56
Carthage	Maximum	62	67	75	84	78	67	66	63	58	64	70	78	79	80	82	74	77	80	74	80	82	78	72	78	84	81	58	74	83	78	75
	Minimum	25	46	47	50	59	32	28	43	47	47	38	41	61	64	68	55	43	39	55	43	49	60	55	42	55	58	47	48	56	64	58
Conway	Maximum	62	65	70	87	81	62	68	70	65	63	71	79	83	83	82	72	76	81	74	79	85	82	73	75	82	79	58	65	81	81	73
	Minimum	26	45	48	49	60	33	28	44	47	46	41	43	62	61	67	51	43	44	56	44	49	59	56	41	55	58	47	47	53	63	55
Corning	Maximum	59	65	62	78	72	51	64	73	67	57	68	76	77	73	77	74	73	78	68	77	84	81	67	68	82	73	56	58	81	80	78
	Minimum	23	44	49	42	48	33	27	47	45	45	37	37	49	59	53	49	47	42	50	52	47	61	53	41	52	47	44	45	57	60	53
Crossett	Maximum	64	74	80	83	81	64	66	63	73	63	73	79	79	83	81	72	76	77	74	80	86	81	75	80	86	84	73	74	85	82	78
	Minimum	25	37	54	51	62	39	27	39	47	49	39	40	58	65	66	43	40	40	55	40	52	62	57	44	51	64	52	54	53	70	63
Dardanelle	Maximum	59	71	69	85	82	57	66	68	66	61	72	81	85	84	82	76	79	81	77	80	87	80	76	78	83	81	57	58	81	80	72
	Minimum	32	45	48	50	56	32	29	46	46	45	40	44	63	57	64	49	44	43	56	45	50	60	53	39	56	55	56	46	53	63	55
De Queen	Maximum	62	71	79	85	82	62	67	64	57	65	74	77	83	81	78	75	79	79	73	81	83	80	74	78	81	80	63	74	80	76	73
	Minimum	34	52	44	58	62	31	29	49	47	47	39	45	64	65	60	41	41	45	56	41	53	57	53	41	62	62	49	49	53	67	55
Devils Knob	Maximum	53	60	63	75	71	48	59	65	54	54	55	73	76	75	69	61	71	72	66	71	78	73	64	67	76	71	45	57	71	69	65
	Minimum	32	40	42	47	36	21	33	42	41	43	43	50	58	55	53	41	40	52	49	44	56	57	42	44	54	44	38	40	48	62	41
Dumas	Maximum	65	73	76	88	82	59	68	66	74	63	78	81	80	85	85	72	76	77	83	82	80	80	72	77	82	88	60	75	88	80	76
	Minimum	28	43	54	52	57	37	32	35	39	37	53	47	37	65	67	58	45	46	44	43	55	61	58	40	58	60	52	52	58	70	59
El Dorado	Maximum	63	74	80	83	78	62	67	62	63	64	74	79	78	81	81	73	78	80	75	80	85	81	75	81	85	84	64	76	83	80	77
	Minimum	29	50	56	58	59	36	31	48	49	47	43	47	62	67	67	57	47	48	47	48	57	61	59	47	65	64	54	54	54	71	61
England	Maximum	58	67	71	82	78	62	63	70	59	60	70	78	74	78	80	73	73	80	71	73	81	80	72	75	..	81	57	69	78	76	71
	Minimum	28	48	50	50	59	35	31	46	47	49	44	48	56	64	66	55	46	47	56	47	52	61	58	44	..	56	47	49	58	70	59
Eureka Springs	Maximum	57	65	66	79	78	49	64	67	63	53	65	77	77	83	77	66	73	78	71	77	81	77	72	73	80	76	50	60	75	78	72
	Minimum	34	40	46	53	36	24	30	50	44	41	40	51	62	52	55	42	39	52	51	44	61	62	43	40	60	43	40	43	53	62	39
Fayetteville	Maximum	55	69	70	79	76	43	59	65	59	51	65	74	73	79	75	65	72	76	71	74	79	76	69	72	80	78	51	63	74	78	74
	Minimum	32	44	46	56	36	25	28	47	44	42	37	47	63	52	57	43	38	53	51	44	59	61	45	38	62	45	43	46	52	63	40
Fordyce	Maximum	62	69	75	84	80	65	65	62	61	62	72	78	79	78	83	77	76	79	74	75	81	79	75	..	..	..	..	..	83	80	77
	Minimum	29	49	54	54	59	36	32	45	47	47	43	45	60	65	68	59	45	47	56	50	54	62	46	..	..	..	..	..	58	71	62
Fort Smith *	Maximum	61	73	70	84	75	51	65	69	56	54	69	79	81	84	73	66	76	81	64	82	84	76	63	78	84	73	54	59	80	79	65
	Minimum	38	49	48	53	37	31	32	48	48	46	40	50	64	56	58	49	46	54	50	43	58	63	50	43	60	49	48	46	54	62	50
Gilbert	Maximum	59	61	66	70	82	78	52	68	70	54	58	71	80	83	83	79	56	75	79	74	79	85	79	65	75	83	55	54	65	79	79
	Minimum	23	28	47	48	42	30	21	26	41	39	35	33	63	47	50	49	36	35	45	41	56	60	50	32	35	49	43	44	46	53	47
Grannis	Maximum	52	67	67	77	67	49	55	55	55	55	70	70	70	72	72	69	80	69	69	77	78	76	70	70	81	74	60	69	72	72	71
	Minimum	28	49	51	51	47	27	25	43	44	42	33	41	61	57	57	47	40	39	53	37	48	44	49	36	60	58	47	46	51	62	52
Gravette§§	Maximum	57	73	69	84	59	46	70	70	54	49	68	78	83	82	79	56	75	79	63	78	82	73	60	75	83	53	51	60	76	81	58
	Minimum	32	36	46	46	48	24	25	28	44	40	33	35	54	51	54	42	33	34	51	39	44	61	41	38	41	42	42	43	47	53	38
Green Mountain	Maximum	57	61	63	78	76	48	63	70	60	54	65	76	79	80	76	71	..	..	..	..	81	77	71	70	80	75	52	60	76	76	71
	Minimum	30	45	46	42	42	27	31	48	43	45	39	49	59	54	62	45	..	..	..	..	44	60	48	44	57	45	40	42	54	62	45
Harrison	Maximum	60	65	62	80	74	47	66	69	60	52	65	77	80	82	75	66	74	78	71	79	83	78	71	74	84	74	51	58	77	79	72
	Minimum	27	45	46	48	38	27	24	43	44	45	40	40	62	52	50	45	41	43	52	42	57	51	47	33	57	46	40	43	52	59	43
Helena	Maximum	59	67	70	80	77	57	60	66	57	57	65	74	75	78	79	76	66	78	70	75	80	74	68	71	82	76	56	71	80	79	76
	Minimum	31	47	52	49	56	34	30	47	45	45	40	49	57	62	67	56	43	50	53	48	60	63	58	49	58	55	47	52	57	69	55
Highland	Maximum	61	72	77	84	84	63	65	65	60	66	74	78	85	83	79	76	79	82	77	79	84	89	75	78	84	82	72	73	85	79	79
	Minimum	33	52	50	57	60	32	32	48	46	47	40	53	66	64	60	51	49	52	53	44	55	59	52	46	60	60	47	47	50	60	56
Hope §§	Maximum	63	69	79	83	77	60	67	60	57	65	73	76	81	80	79	71	78	79	72	81	87	79	73	83	85	75	51	76	79	71	..
	Minimum	31	32	51	52	58	33	31	33	46	48	41	42	54	65	61	54	44	48	50	42	44	59	56	44	45	62	49	49	51	57	60
Hot Springs	Maximum	63	65	79	87	78	65	70	65	54	60	74	80	83	82	82	70	84	82	74	83	83	82	72	80	80	76	56	66	86	74	74
	Minimum	28	47	45	55	55	31	30	45	46	46	40	44	62	65	64	50	45	47	55	43	53	57	54	41	57	56	46	46	51	62	54
Jonesboro	Maximum	58	65	63	80	75	57	63	72	63	56	67	76	77	82	76	74	71	78	70	75	82	80	68	73	80	76	54	58	80	79	76
	Minimum	26	44	50	42	56	34	29	44	45	45	39	43	59	62	58	52	45	42	52	48	49	61	55	45	52	48	43	45	56	64	55
Lead Hill	Maximum	61	61	65	77	77	49	55	71	64	56	65	81	80	84	76	70	65	80	72	79	85	79	72	76	84	77	53	62	72	80	73
	Minimum	21	39	47	45	35	29	20	36	44	44	30	33	61	47	58	46	33	33	51	41	44	57	46	30	56	45	42	44	51	53	43
Little Rock.***	Maximum	57	67	67	84	70	51	61	68	54	59	68	78	79	78	80	68	71	78	70	73	80	77	67	72	80	73	51	68	82	78	66
	Minimum	33	48	54	50	40	37	38	47	46	48	46	49	61	65	66	52	48	50	53	49	56	60	55	49	59	51	46	47	55	62	57
Little Rock [Airway]	Maximum	57	68	68	85	76	62	62	67	56	62	69	79	79	79	82	72	74	78	72	74	80	81	72	72	82	77	55	66	81	80	77
	Minimum	28	46	47	47	59	36	31	44	45	48	42	45	60	64	64	50	43	40	55	45	47	58	56	43	56	54	46	47	55	64	58
Lutherville	Maximum	57	66	67	83	75	50	65	67	62	61	67	78	82	81	77	68	72	77	73	74	83	76	70	73	80	74	55	57	77	76	73
	Minimum	29	42	48	48	48	28	26	45	45	44	41	45	62	55	56	45	42	47	52	43	52	61	50	40	55	52	44	45	52	61	49
Magnolia	Maximum	63	71	81	84	83	76	67	68	60	66	74	78	80	83	83	82	78	82	74	81	91	87	81	80	87	86	87	77	82	85	85
	Minimum	31	49	52	60	58	33	33	47	47	46	42	60	61	66	66	67	44	49	56	45	59	59	57	47	64	63	52	51	55	70	55
Mammoth Spring	Maximum	59	65	61	79	77	50	63	70	68	54	66	77	78	81	80	76	72	78	72	75	83	80	75	72	83	77	55	55	78	78	75
	Minimum	20	41	49	41	45	30	22	36	45	42	31	33	56	49	54	50	43	35	54	45	42	60	50	35	54	46	43	45	53	56	47
Marianna	Maximum	59	67	69	81	76	61	61	68	60	57	66	75	78	78	80	75	68	77	74	80	80	75	74	71	83	79	67	67	80	80	77
	Minimum	29	44	54	48	58	32	32	44	47	48	42	46	59	59	68	57	45	44	55	51	51	63	59	47	59	56	49	49	58	70	56
Marked Tree§§	Maximum	60	68	64	69	65	51	63	72	51	57	66	74	76	81	78	62	70	76	67	74	76	77	67	70	81	63	54	68	80	80	67
	Minimum	25	35	49	42	52	34	29	39	46	46	40	42	57	58	64	56	47	42	54	49	50	60	58	55	52	61	46	45	48	62	57
Mena	Maximum	63	66	76	82	75	54	68	61	56	56	71	75	81	80	75	67	79	80	70	79	82	76	70	77	79	73	53	67	78	72	70
	Minimum	30	50	44	54	44	29	28	48	45	44	37	48	62	59	57	46	42	48	52	42	58	59	59	38	60	53	45	45	48	64	51
Monticello	Maximum	59	67	74	80	76	66	60	61	60	58	68	76	76	75	78	74	69	78	68	76	78	75	70	76	83	80	61	73	80	76	76
	Minimum	28	48	55	58	66	38	32	48	49	50	46	55	60	62	66	59	45	52	58	49	56	62	60	50	58	61	52	52	58	68	62
Morrilton	Maximum	70	67	68	83	81	77	74	72	69	66	69	77	81	79	79	76	75	78	76	77	82	81	78	77	80	79	77	74	79	76	74
	Minimum	29	46	49	48	58	34	30	44	45	45	41	44	63	58	65	57	47	45	56	44	53	59	55	41	58	50	45	45	53	54	50
Mountain Home	Maximum	60	64	64	80	75	49	65	68	59	59	65	78	81	82	78	68	73	78	71	80	85	78	69	73	83	83	50	58	78	80	72
	Minimum	25	35	35	44	37	28	24	40	44	43	33	38	60	50	57	46	41	41	53	44	44	59	48	37	44	41	41	41	52	57	44
Mt. Ida	Maximum	59	66	66	84	76	52	61	61	57	52	65	72	77	77	77	70	77	72	72	74	84	75	72	73	76	76	56	79	69	73	73
	Minimum	22	50	39	43	50	30	21	40	45	39	30	36	63	60	58	48	35	36	55	34	48	60	50	32	59	51	45	45	49	60	52
Newport	Maximum	58	63	67	80	76	64	68	71	62	59	67	76	78	82	78	75	72	78	69	75	81	83	74	73	79	77	55	61	80	81	76
	Minimum	29	45	52	44	46	35	30	44	47	47	40	44	60	62	65	55	46	43	55	46	53	63	56	43	53	54	42	47	59	69	51
Oden	Maximum	63	67	77	84	76	55	70	62	55	58	70	75	81	82	77	67	82	80	73	80	84	80	68	78	80	78	50	66	81	71	66
	Minimum	38	54	50	53	60	30	27	47	47	46	36	40	63	60	62	49	43	51	57	42	56	64	52	38	63	50	48	50	47	63	53
Okay	Maximum	62	71	81	86	86	78	68	67	61	69	75	79	85	82	82	79	83	81	76	80	83	80	78	79	85	84	70	76	82	81	74
	Minimum	32	53	48	56	63	36	30	48	46	45	40	48	62	66	61	53	41	49	55	42	53	57	56	45	63	54	49	48	53	70	57
Ozark	Maximum	58	70	70	73	68	55	64	69	61	63	70	80	84	84	77	69	74	79	75	77	85	79	75	75	84	80	79	59	80	79	80
	Minimum	34	48	47	53	47	29	28	43	47	46	40	44	63	51	57	48	40	49	56	43	54	58	49	40	57	53	54	46	49	48	49
Pine Bluff	Maximum	64	69	73	86	75	61	64	65	57	63	74	80	81	80	82	73	75	83	76	78	83	79	72	78	85	78	58	73	85	79	78
	Minimum	30	48	54	52	59	37	33	47	47	48	41	47	60	65	67	58	47	46	56	48	56	63	58	48	58	57	48	50	60	72	60
Pocahontas	Maximum	56	65	64	76	74	52	60	71	66	55	67	76	76	79	76	74	73	76	72	73	80	82	71	70	81	78	60	58	77	78	79
	Minimum	24	46	50	44	51	34	26	38	46	46	37	39	60	56	55	53	47	41	54	47	45	62	54	42	50	47	44	47	57	59	51

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to precedin

Daily temperatures for March, 1938, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Portland	Maximum	64	73	77	83	81	61	62	68	68	62	71	77	78	83	80	74	74	80	72	80	85	81	75	78	84	83	67	77	84	80	78	75.5
	Minimum	29	40	57	52	61	37	31	44	48	50	42	45	58	64	66	57	44	43	56	45	58	61	58	49	57	62	53	52	55	68	68	51.9
Prescott	Maximum	64	70	79	87	84	78	67	67	64	66	74	77	82	82	83	80	78	82	78	82	84	83	78	79	85	83	66	75	84	82	76	77.4
	Minimum	31	51	52	56	63	34	32	49	46	47	43	47	62	64	63	54	46	46	56	44	54	59	56	46	59	64	49	48	53	70	59	51.7
Rogers	Maximum	58	70	69	80	75	47	65	69	63	51	67	78	78	83	75	75	75	78	72	77	82	77	71	74	82	77	50	60	76	79	73	71.2
	Minimum	28	42	46	49	35	25	25	39	44	41	31	48	64	53	59	43	35	50	51	38	57	63	44	35	57	45	42	44	52	61	40	44.7
Russellville [Evap]	Maximum	60	70	70	84	83	56	67	69	65	65	70	80	85	84	81	78	77	81	80	74	86	84	78	76	83	83	57	60	79	79	75	75.0
	Minimum	28	41	45	52	55	32	28	41	47	44	39	41	64	51	61	49	43	39	59	45	47	57	52	38	53	55	47	47	54	61	53	47.4
Searcy	Maximum	60	64	69	84	77	68	64	70	61	59	70	78	79	81	80	72	74	79	71	78	80	81	70	74	79	77	54	62	80	81	76	72.6
	Minimum	28	45	48	46	60	36	28	42	46	46	39	40	60	60	64	51	43	40	55	49	48	60	56	41	53	54	47	47	56	69	56	48.8
Stuttgart	Maximum	58	70	70	83	73	59	62	68	67	61	74	78	78	79	81	73	72	79	75	76	82	80	71	74	84	77	56	72	82	79	76	73.2
	Minimum	27	45	51	48	52	33	32	42	46	47	42	46	58	62	64	54	45	43	54	46	52	58	52	45	54	54	47	49	52	67	54	49.1
Subiaco	Maximum	62	71	73	84	79	50	66	70	60	59	69	80	83	85	77	70	75	81	74	85	86	86	72	77	82	77	54	66	81	80	75	73.5
	Minimum	33	45	47	50	45	30	29	45	46	48	44	44	67	57	56	48	47	48	55	43	52	60	50	40	55	52	45	45	54	67	52	48.4
Texarkana	Maximum	64	73	81	85	85	70	69	69	64	68	75	78	82	82	82	72	70	81	75	82	83	80	82	82	85	86	63	77	82	78	72	76.7
	Minimum	33	54	50	62	60	35	33	50	48	46	41	54	64	65	62	52	50	46	56	45	60	60	48	48	60	62	50	50	52	70	68	52.7
Thornburg	Maximum	60	66	73	83	77	57	66	69	57	59	69	77	81	89	79	70	76	78	74	77	81	78	74	74	80	74	54	67	79	77	74	72.5
	Minimum	20	46	42	48	54	30	21	43	45	41	33	35	60	63	65	46	38	37	52	36	55	59	31	31	53	52	44	44	52	65	54	45.0
Turnpike	Maximum	54	59	66	71	71	49	60	65	55	55	63	73	76	74	72	62	71	74	66	71	79	71	65	68	75	70	47	59	73	70	66	66.1
	Minimum	29	40	42	47	39	25	32	47	41	42	41	50	56	56	54	41	42	52	47	45	58	57	43	43	55	44	36	46	57	60	43	45.5
Warren	Maximum	63	70	77	84	83	64	66	63	62	72	78	79	80	80	76	76	79	73	81	82	81	80	76	79	80	83	70	75	84	80	78	75.9
	Minimum	30	44	56	54	61	37	32	46	50	45	46	58	60	68	58	46	45	56	46	47	56	62	59	46	59	63	52	55	57	71	59	52.4
White Rock	Maximum	54	53	60	69	76	49	54	65	60	54	63	72	75	77	72	71	68	73	74	69	75	77	70	67	74	74	48	..	69	71	68	66.7
	Minimum	26	31	34	41	40	21	23	53	33	32	32	32	33	34	35	31	31	32	42	36	49	49	32	34	34	36	31	..	40	53	41	35.7
Wilson	Maximum	56	66	65	77	76	56	58	68	64	54	61	71	73	78	77	75	65	73	72	71	80	78	69	68	79	79	56	59	76	78	76	69.5
	Minimum	24	43	41	40	55	30	40	42	46	46	40	45	59	61	64	56	47	45	54	50	52	60	58	43	54	50	46	49	58	68	59	49.2
Wynne	Maximum	67	67	67	80	77	61	62	70	60	56	68	76	77	80	78	77	71	78	75	75	80	78	73	71	81	78	66	68	81	81	77	72.8
	Minimum	24	47	51	44	56	35	27	43	51	47	40	46	60	62	66	55	42	50	54	51	55	62	57	42	57	55	50	48	60	69	56	50.6

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.130	.141	.147	.180	.219	.258	.150	*	.210	.023	.089	.168	.230	.240	.172	.408	.242	.200	.221	*	.372	.052	.268	.260	.241	.118	.214	.025	.332	.222	...	5.521
	Mean tem.	47	50	65	68	68	46	49	46	52	56	57	59	68	72	70	62	61	64	61	62	66	69	64	64	65	68	50	62	65	64	..	60.8
	Wind move	56	46	49	28	90	72	33	21	42	38	29	23	89	105	84	104	60	32	55	38	36	54	43	25	48	62	98	82	79	81	69	1,771
Russellville [Ozark Nursery]	Evap.	.106	.058	.118	.130	.222	.078	.194	.104	.076	.030	.098	.188	.300	.190	.280	.268	.120	.210	.067	.267	.158	.172	.258	.144	.164	.216	.046	.084	.296	.130	.220	4.992
	Mean tem.	44	56	58	68	69	44	48	55	56	54	54	60	74	68	71	64	60	60	70	62	66	70	65	57	68	69	52	54	66	70	64	61.2
	Wind move	25	39	57	50	82	82	16	20	35	18	37	57	135	56	83	160	38	32	60	37	43	50	83	27	72	73	75	52	98	61	67	1,819
Stuttgart [Rice Exp. Farm]	Evap.	.075	.045	.074	.109	.149	.005	.109	.096	.071	.002	.052	.094	*	.361	.218	.078	.159	.137	.184	.089	.123	.107	.171	.150	.167	.189	.095	.036	.170	.181	.219	3.715
	Mean tem.	43	50	58	60	69	52	42	50	58	50	51	57	...	70	70	68	54	58	65	58	66	70	67	58	62	72	59	52	63	71	68	59.8
	Wind move	41	23	119	62	170	85	30	25	39	97	23	28	*	414	113	166	130	49	81	80	15	37	71	101	63	93	136	99	147	152	199	2,901

Daily River Stages for March, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith ¶	..Arkansas	22	9.3	8.9	8.3	7.8	7.5	7.8	8.4	8.3	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.8	7.3	9.2	8.6	7.8	7.3	6.8	6.8	6.6	6.3	6.3	6.3	8.6	14.8	23.0	25.1
Van Buren	......do	22	10.8	10.4	9.8	9.4	8.8	8.8	9.6	9.5	9.0	8.7	8.6	8.4	8.1	7.8	7.6	7.8	8.0	10.6	10.1	9.1	8.4	7.8	7.5	7.3	7.0	6.8	7.0	9.7	16.1	23.1	25.4
Danville	.Petit Jean.	20	8.7	7.4	7.0	6.4	6.0	5.9	5.4	5.0	4.8	5.8	7.2	6.0	5.3	5.0	4.8	5.4	7.6	5.5	5.0	6.0	5.9	5.8	5.2	4.8	4.6	4.5	6.2	10.8	19.8	22.8	23.0
Ozark	..Arkansas.	22	6.8	6.3	5.9	5.3	4.7	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	3.9	3.7	3.6	3.6	5.0	5.9	5.3	4.5	4.0	3.5	3.4	3.3	3.2	3.2	4.0	11.1	17.3	20.8
Dardanelle	......do	22	10.6	10.1	9.7	9.3	8.8	8.4	8.1	8.6	8.6	8.6	8.3	8.0	7.7	7.6	7.3	7.2	7.2	7.0	8.3	9.2	8.6	8.0	7.6	7.0	6.8	6.7	7.5	7.8	12.7	18.5	21.5
Morrilton	.... .do	20	10.2	9.5	8.8	8.2	7.3	6.5	5.7	5.7	6.0	6.0	5.6	5.2	4.9	4.6	4.3	4.2	4.0	3.9	4.3	6.5	6.7	5.3	4.7	3.9	3.6	3.3	4.5	4.8	7.2	15.5	19.3
Little Rock.	......do	23	12.3	11.1	10.2	9.4	8.7	7.9	7.3	6.9	6.9	7.4	7.4	7.1	6.7	6.4	6.1	5.9	5.7	5.6	5.5	5.9	7.1	7.1	6.4	6.0	5.5	5.2	5.1	5.7	7.6	15.6	18.8
Pine Bluff	......do . .	25	17.2	15.9	14.9	13.9	13.1	12.4	11.6	10.9	10.6	11.2	11.3	11.2	10.7	10.4	9.9	9.6	9.3	9.1	9.0	9.2	9.7	10.6	10.4	9.6	9.3	8.8	8.5	8.4	9.5	12.9	19.4
Gilbert	..Buffalo...	30	4.8	4.6	4.5	4.3	4.3	4.1	4.1	4.1	4.2	4.8	5.0	4.8	4.6	4.5	4.7	4.6	4.5	4.6	4.4	4.3	4.3	4.3	4.4	4.4	4.3	4.4	5.3	7.0	16.0	9.0	8.5
Doniphan, Mo.	..Current ..	16	4.5	4.3	4.2	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.0	4.2	4.4	4.3	4.1	4.0	3.8	3.7	3.7	3.7	3.7	3.6	3.8	10.1	10.6	9.8
Black Rock	...Black....	14	21.9	21.9	20.5	19.5	18.7	17.6	16.5	15.4	14.1	13.6	12.7	11.4	10.2	9.4	8.7	8.4	8.3	8.2	4.1	8.4	8.3	8.1	7.8	7.6	7.5	7.5	9.3	9.5	14.7	23.2	25.1
Judsonia	...White ...	..	29.5	28.4	27.5	26.7	26.0	25.4	24.9	24.4	24.0	23.8	23.3	22.9	22.5	22.2	21.7	21.0	20.4	19.6	18.8	18.0	17.2	16.6	16.2	15.7	25.8	14.7	14.3	14.4	25.0	32.0	34.6
OzarkBeachMo	...White ...	30	5.0	4.6	4.5	4.4	4.4	4.4	4.4	4.6	4.5	4.4	4.4	4.0	4.0	4.0	3.9	3.1	3.6	3.2	3.0	2.2	3.0	3.6	3.8	3.9	3.8	3.7	2.4	5.8	11.5	13.3	13.6
Cotter	......do	21	7.1	6.7	6.5	6.2	6.1	6.0	5.8	5.8	5.8	6.1	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.5	5.3	5.1	5.0	4.8	4.8	4.8	5.3	5.5	6.3	6.8	12.6	15.8	15.0
Calico Rock	......do	18	6.5	5.8	5.5	5.1	4.9	5.0	4.9	4.7	4.7	5.1	5.1	5.0	4.7	4.6	4.6	4.7	4.5	4.1	4.0	4.6	4.8	4.4	4.7	4.7	4.6	4.4	6.1	7.5	14.0	20.8	17.5
Batesville	......do	23	12.9	12.2	11.7	11.3	11.0	10.7	10.6	10.6	10.3	10.6	10.8	10.8	10.7	10.3	10.1	10.1	9.9	9.9	9.6	9.5	11.1	10.1	9.8	10.1	10.0	9.8	11.4	13.3	24.3	27.9	30.2
Newport	......do	26	24.4	23.6	22.9	22.2	21.4	20.5	19.7	19.0	18.3	17.8	17.3	16.7	16.0	14.9	13.7	12.7	12.0	11.2	10.6	10.1	10.0	10.7	10.2	9.9	9.8	9.4	9.5	11.8	15.7	22.8	26.5
Georgetown	......do	21	26.2	25.5	24.8	24.2	23.7	23.2	22.8	22.4	22.1	21.9	21.7	21.4	21.1	20.8	20.5	20.1	19.6	18.9	18.2	17.4	16.7	16.0	15.6	15.2	14.6	14.2	13.7	13.6	16.2	19.3	20.7
Clarendon	......do	26	35.0	34.8	34.4	33.8	33.2	32.6	31.9	31.2	30.6	30.2	29.7	29.3	28.9	28.6	28.2	27.9	27.6	27.4	27.2	27.0	26.6	26.3	26.0	25.6	25.3	24.9	24.5	24.2	24.1	24.2	24.5
St. Charles	......do	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Arkadelphia	.Ouachita..	17	8.4	8.3	8.2	7.9	7.9	7.2	5.2	6.8	7.4	14.4	10.3	9.2	8.5	8.0	8.2	8.5	8.3	7.9	7.2	6.8	5.8	7.8	7.7	7.6	6.8	7.6	7.1	6.5	19.7	22.1	19.5
Boughton	Little Mo. .	20	7.8	7.2	7.0	6.7	6.6	6.4	6.1	5.9	5.7	8.4	14.5	15.1	12.2	9.5	8.4	7.4	6.4	5.4	8.0	7.6	7.2	6.9	6.8	6.7	8.7	7.1	6.9	9.2	16.8	21.4	21.0
Camden	.Ouachita ..	26	27.7	25.0	22.6	20.3	18.2	17.1	16.1	14.8	12.9	13.2	17.7	22.2	22.3	21.6	19.6	19.0	17.4	16.0	14.8	14.2	14.5	14.7	13.2	13.4	15.2	14.8	14.0	13.1	13.0	18.3	25.0
Whitecliffs	Little River	25	23.5	22.2	20.8	19.5	17.8	16.1	14.4	12.8	10.1	9.4	14.0	14.1	12.3	10.1	8.1	7.0	6.4	5.6	5.4	5.0	4.6	4.6	4.2	5.2	4.7	4.1	4.0	8.8	18.6	23.3	25.3
Index	....Red.....	25	19.4	17.0	15.2	14.0	13.4	12.7	12.2	11.8	11.4	11.4	12.2	12.6	12.8	12.9	12.0	11.1	10.8	10.6	11.3	11.3	11.0	10.3	10.0	9.8	9.8	9.6	9.5	9.4	14.5	24.6	26.3
Fulton	... ..do.....	25	29.3	27.1	24.7	22.5	20.8	19.2	17.6	15.6	13.6	12.7	13.7	14.6	14.7	14.4	13.3	12.0	11.4	10.8	10.8	11.1	10.9	10.4	10.0	10.0	9.8	9.6	9.2	9.5	13.8	24.0	27.1
Big Lake Outl't	Little River.	10	16.1	15.7	15.3	15.0	14.6	14.2	13.8	13.4	13.0	12.7	12.3	12.0	11.6	11.3	11.0	10.7	10.7	10.8	11.2	11.5	11.7	11.8	11.7	11.5	11.3	11.0	10.8	10.5	10.4	10.3	10.9
St. Francis	St. Francis.	18	20.0	19.6	19.3	18.7	18.1	17.5	16.9	14.1	12.7	12.5	12.3	11.8	12.0	12.9	11.8	12.9	14.8	16.0	16.7	17.5	18.1	19.1	19.7	19.7	19.4	18.9	18.5	17.7	17.4	17.3	18.8
St. Francis L.L.	......do	..	27.3	27.4	27.4	27.4	27.3	27.2	26.9	26.6	26.4	26.2	25.9	25.7	25.4	25.2	25.0	24.7	24.6	24.3	24.1	24.0	24.0	23.9	23.9	23.9	23.9	23.9	24.0	24.0	24.2	24.4	24.6
Marked Tree	......do .. .	17	6.4	6.4	6.3	6.2	6.1	5.9	5.7	5.5	5.3	5.6	5.6	5.6	5.4	5.0	4.7	4.4	4.1	3.9	3.7	3.5	3.4	3.8	3.3	3.2	3.0	2.9	2.9	3.0	5.0	6.0	6.1
Parkin	.....do	28	22.0	22.1	22.1	22.2	22.4	22.5	22.5	22.4	22.2	22.3	22.5	22.2	21.8	21.1	20.4	19.1	18.9	18.1	17.5	16.9	16.4	15.8	15.4	14.9	14.5	14.2	14.1	14.0	16.3	18.1	19.2
Madison	.... .do	32	24.5	24.5	24.5	24.6	24.6	24.7	24.7	24.6	24.4	24.7	24.5	24.2	23.8	23.4	22.8	22.3	21.8	21.4	21.2	21.0	20.9	20.8	20.7	20.5	20.2	20.0	20.0	19.9	21.4	22.0	22.9
Helena	**Mississippi** .	42	34.9	34.5	34.2	33.8	33.3	32.9	32.3	31.5	30.7	30.3	30.0	30.2	30.6	31.4	32.4	33.4	34.5	35.5	36.5	37.2	37.8	38.2	38.5	38.7	38.7	38.5	38.5	38.4	38.4	38.7	38.9
Arkansas City	......do	42	32.6	32.3	32.1	31.9	31.5	31.2	30.8	30.3	29.7	29.2	28.8	28.4	28.2	28.2	28.4	28.5	28.9	29.3	29.8	30.2	30.6	30.9	31.2	31.4	31.5	31.4	31.4	31.3	31.4	31.4	31.5

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries Reference letters ᵃ,ᵇ,ᶜ, number of days missing. †Also on other dates. ‡‡P. O addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |‖ 24 hours ending 7 a. m. *Included in next measurement. ¶Pool stages from 14th to 16th and 22d to 27th, inclusive.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Tornadoes, March, 1938

County	Location	Date	Time	Dir. moved	Length of path miles	Width of path yards	Killed	Injured	Damage	Remarks
Mississippi	Dell	15	4:45 p.m.	NE		200	0			
Mississippi	Blytheville	15	4:55 p.m.	NE	10	200	0	29	100,000	Property damaged.
Miller	Texarkana	28	7:30 p.m.	N-NE		100	0			
Miller	Mandeville	28	....	N-NE	10	200	4	17	20,000	Property damaged.
Hempstead	6 mi.south of Hope	28	Night	NE	short	n w	0	9		Several houses, much timber destroyed.
Nevada	Boughton	28	10:00 p.m.	NE		200	0			One house and barn destroyed.
Clark	Gurdon	28	10:15 p.m.	NE	15	200	0	65	85,000	About 50 houses destroyed.
Hot Springs	Butterfield	28	Bed time late	NE	short	....	0	3	1,000	
Conway	Hill Creek, 2 1-2 miles NW of Plummerville	30	2:00 a.m.	NE		150	0	5	10,000	Two churches destroyed.
Faulkner	Bono	30	....	NE		....	0	2	2,000	
Faulkner	Republican	30	2:30 a.m.	NE		200	1	6	2,000	
Faulkner	Guy	30	....	NE		....	0			
Faulkner	Gravesville	30	3:00 a.m.	NE		....	0	1		
Cleburne	Center, 5 miles N of Quitman	30	4:00 a.m.	NE		200	0	3	14,000	One church and one store destroyed and other property damaged.
Cleburne	Heber Springs	30	....	NE	65	200	2			
Conway	Overcup	30	2:30 a.m.	NE		....	0		2,000	
Conway	Springfield	30	....	NE		200	0	13	8,000	
Faulkner	Martinsville	30	3:00 a.m.	NE		....	0			
Faulkner	Damascus	30	....	NE		.. ....	0			
Van Buren	Sand Springs	30	....	NE	35	....	0	1		
Cleburne	West of Quitman	30	6:00 p.m.	NE		200	0			Eighteen homes destroyed near Quitman.
Cleburne	Miller	30	....	NE		....	3			
Cleburne	Heber Springs	30	....	NE		425	0	75		
Cleburne	Tumbling Shoals	30	....	NE		425	3	11		One church and one store destroyed.
Cleburne	Ida Community	30	....	NE		425	0	9		Several cattle, horses and mules killed,
Cleburne	Branner	30	... .	......	40	....	1	1	75,000	Thirty-five homes destroyed near Ida.
Independence	Floral	30	6:00 p m.	NE	short	425	1	5	12,000	Twelve houses partially destroyed.
Independence	Oil City, 4 miles S of Batesville	30	....	E-NE		....	0	3		Two churches, six homes, grocery store destroyed.
Independence	Moorefield	30	....	E-NE		....	0	12	5,000	
Independence	Sulphur Rock	30	....	E-NE	12	300	0	2	10,000	
White	Higginson	30	8:00 p.m.	NE		narrow	0	4		
White	Vaughn, 3 miles SE of Kensett	30	....	NE	5	narrow	0	8	5,000	
Lawrence	Minturn	30	Night	......	short	narrow	3			
Randolph	Hopewell 3 miles NE of Imboden	30	Night	E-NE		....	0			
Randolph	Bridewell	30	Night	E-NE		....	0			Several homes destroyed.
Randolph	Pocahontas	30	Night	E-NE	16	.. ....	0			Church and eight farm buildings destroyed.
Green	Stafford	30	....	NE		....	0		10,000	
Green	Lafe	30	....	NE	14	....	0	3	5,000	

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLIII LITTLE ROCK, ARK., APRIL, 1938 No. 4

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The mean temperature and the precipitation average were near normal for the month of April. The mean temperature based on the reports of 70 stations, was 62.1°, which is 0.6° above the 48-year average. Temperatures were below normal at stations in Polk, Montgomery, and Ashley counties, and in the north-central portion of the State. Monthly means ranged from 65.4° at Arkadelphia to 56.9° at Grannis. The highest temperature for the month was 94° at Carthage on the 20th and at Magnolia on the 30th. The lowest temperatures occurred during the first ten days of the month, the lowest being 24° at Devils Knob on the 2d, at Thornburg on the 3d, and at Lead Hill on the 10th. The greatest daily range was 47° at Thornburg on the 23d.

The average precipitation for 101 stations was 4.83 inches, which is 0.03 inch above the 48-year average. Precipitation was above normal in the Ouachita Basin and in the Arkansas Basin above Little Rock; below normal at most stations over the rest of the State. Monthly amounts ranged from 8.85 inches at Crossett to 2.22 at Big Lake Outlet. The greatest 24-hour amounts was 4.40 inches recorded at Magnolia. Measurable amounts of snowfall were recorded in the northwestern counties, the average being 0.1 inch for the month. The average number of days with .01 or more rainfall was 8.

Farm work was delayed during the first three weeks due to the wet soil and low temperatures. The last week of the month was ideal for farm work and cotton planting progressed rapidly in nearly all portions of the State. Planting is about completed in some southern localities but was delayed in the northeastern portion of the State. Corn planting progressed rapidly at the close of the month and the early crop was nearly planted in many localities. The last killing frost of the season occurred during the first ten days of the month. It was reported that frost and freezing temperatures killed peaches and damaged other fruit in some northern and western counties. Frost did considerable damage to the apple crop in the northwestern counties. The weather was favorable for wheat, oats, meadows and pastures most of the month. O.D.N.

Wind and Hail

Atkins, Arkansas. (6 miles south of), Pope County, 29th, straight-line winds destroyed one barn and damaged other property, and injured one man. Loss $500. Heavy hail in connection with the windstorm damaged about 500 acres of cotton and corn and injured one youth. Path 1-4 mile wide. Loss estimated at $1,000. Clinton, Van Buren County, 30th, heavy hail, no damage reported.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog							3	1				2			1			1	2	2	1										
Light Hail																	1			1							1				
Moderate Hail							1																							1	
Thunderstorm			1		3	9	27	12							16	10	7		1	18	14						6	6	6	8	

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-leval)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.01	30.30	2	29.55	6	8.5	27	nw	6	..	..	..	65
Fort Smith	30.00	30.36	2	29.57	6	8.3	28	s	27	75	54	48	56
Little Rock	30.01	30.27	3	29 59	7	8.5	27	e	7	79	53	55	70
Memphis	30.02	30.29	3	29.49	8	9.0	24	n	30	74	58	55	64

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	62.8	93	22	2.75		8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	8.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.53	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5 54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	96	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	98	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0 0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
Period	61.5	99	17	4.80	T.	8	13	8	9

Climatological Data for April, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	61.6	...	86	19†	28	3	38	4.89	...	2.25	0.0	7	12	6	12	ne.	L. R. Water Works
Amity	Clark	500	43	62.2	+ 0.4	88	30	31	3	39	5.67	+0.57	3.02	0.0	8	8	14	8	s.	J. W. Campbell
Arkadelphia	Clark	200	43	65.4	...	90	29†	32	3	46	5.14	+0.27	1.54	0.0	9	12	12	6	s.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	54	...	...	...	...	...	...	...	4.80	−0.40	1.50	0.0	9	17	1	12	...	Herbert Neff
Batesville	Independence	277	39	62.0	+ 3.2	87	18	29	3	37	5.37	...	3.62	0.0	6	13	9	8	s.	Airway Observer
Bee Branch	Van Buren	700	46	60.4	− 0.6	84	29†	28	3	36	4.20	−0.65	2.10	0.0	6	12	10	8	s.	J. E. Scanlan
Benton	Saline	285	3	62.4	...	87	30	29	3	38	5.53	...	2.14	0.0	7	19	5	6	ne	S. A. Burks
Bentonville	Benton	1296	33	59.1	+ 1.5	87	30	28	2	35	3.91	−0.44	1.52	0.2	7	11	8	11	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	8	...	...	...	...	...	...	...	2.22	...	0.81	0.0	5	17	3	10	...	C. J. Brooks
Black Rock	Lawrence	259	37	...	...	...	...	...	...	...	4.27	−0.75	2.16	0.0	7	19	1	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	63.1	+ 1.5	87	28	30[e]	3	35[e]	2.66	−1.90	0.78	0.0	5	19	7	4	sw.	Samuel Norris
Booneville	Logan	465	24	62.2	0.0	91	30	29	3	40	4.01	−0.29	1.25	T.	7	13	8	9	w.	F. H. Randolph
Boughton ‡‡	Nevada	235	3	...	...	...	...	...	...	...	5.05	...	1.64	0.0	8	17	5	8	...	Harry Buie
Brinkley	Monroe	205	51	62.8	+ 0.8	87	30	30	3	35	6.50	+1.04	4.18	0.0	9	14	7	9	se.	R J Torry
Calico Rock	Izard	361	34	...	...	...	...	...	...	...	4.09	−0.27	1.70	0.0	9	15	5	10	...	William Jones
Camden	Ouachita	116	53	65.2	+ 1.8	89	29†	37	8†	29	5.43	+0.65	2.33	0.0	10	13	4	13	se.	J M. Knight
Carthage	Dallas	297	33	63.8	+ 1.8	94	20	29	3	38	5.02	−0.12	1.35	0.0	6	10	14	6	s.	P. K. Wylie
Clarendon	Monroe	172	34	...	...	...	...	...	...	...	3.72	−1.59	1.25	0.0	9	12	8	10	sw.	R. M. Wheatley
Clinton	Van Buren	516	17	...	...	...	...	...	...	...	4.75	+0.29	2.25	0.0	7	10	11	9	s.	A L. Stephens
Conway	Faulkner	309	55	63.4	+ 1.3	90	30	30	3	40	6.31	+1.26	3.09	0.0	8	15	9	6	s.	E. E Cordrey
Corning	Clay	293	45	61.6	+ 1.6	87	19	29	10	38	2.58	−2.52	0.96	0.0	6	15	11	4	s.	Winfred D. Polk
Cotter	Baxter	440	11	...	...	...	...	...	...	...	4.52	+0.71	1.95	0.0	7	17	5	8	...	O. B McSpadden
Crosset (near)	Ashley	175	26	62.8	− 2.0	89	30	28	3	37	8.85	+3.16	2.88	0.0	8	16	7	7	s.	U. S. Forest Service
Danville	Yell	327	22	...	...	...	...	...	...	...	4.82	+0.45	1.98	T.	9	12	10	8	...	J. M. Patterson
Dardanelle	Yell	330	52	63.4	+ 1.1	90	30	31	3	36	5.04	+0.89	2.06	0.0	9	9	8	13	s	Geo. N. Goodier
De Queen	Sevier	426	3	63.4	...	88	30	32	3†	35	5.33	...	1.60	T.	6	19	3	8	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	58.3	...	81	30	24	2	27	6.10	...	1.48	T.	9	18	3	9	s.	U. S. Forest Service
Dumas	Desha	162	33	64.9	+ 1.3	89	29†	33	3	37	4.24	−0.56	1.18	0.0	10	12	13	5	s.	Ben Johnson
El Dorado	Union	270	38	65.3	+ 0.5	90	29	33	3	35	6.46	+1.23	2.72	0.0	10	15	4	11	s.	Mrs. E. W. Gaston
England	Lonoke	229	32	63.0	+ 0.2	89	30	33[a]	3†	34[a]	4.58	−0.99	1.71	0.0	8	15[a]	4[a]	10[a]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	38	59.9	+ 0.9	86	30	26	2	34	3.79	−1.13	0.87	T.	9	17	6	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	51	59.2	+ 0.8	84	30	28	2†	34	4.46	−0.14	1.43	2.0	10	12	10	8	sw.	University of Arkansa
Fordyce	Dallas	190	10	64.4	...	89	29†	32	3	36	6.21	...	2.27	0.0	8	17	8	5	s.	M. G. Taylor
Fort Smith	Sebastian	448	14	62.6	+ 0.8	88	30	35	9	31	4.79	+0.85	1.90	T.	7	11	7	12	e.	U. S. Weather Burea
Fulton	Hempstead	260	53	...	...	...	...	...	...	...	4.19	−0.48	1.78	0.0	7	14	9	7	...	T. J. Logan
Georgetown	White	200	26	...	...	...	...	...	...	...	4.36	−0.85	1.50	0.0	8	18	4	8	...	W. R. Putt
Gilbert	Searcy	600	13	58.4	...	87	30	25	3	39	4.66	−0.45	2.34	0.0	7	17	5	8	...	F. J. King
Glenwood	Pike	547	3	...	...	...	...	...	...	...	5.01	...	2.00	0.0	7	17	4	9	...	C. A. Price
Grannis	Polk	900	19	56.9	− 3.5	81	18	27	3	32	5.47	−0.83	2.67	T.	8	11	9	10	sw.	W. E. McVay
Gravette	Benton	1250	41	57.8	+ 0.6	89	30	26	9	40	2.25	−2.31	0.90	0.0	6	20	3	7	sw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	60.0	...	84	30	27	9	33	3.79	...	1.86	0.0	9	16	5	9	sw.	U. S. Forest Service
Harrison	Boone	1052	38	59.8	+ 2.3	89	30	27	10	43	3.75	−1.19	0.70	2.0	9	21	3	6	sw.	Louis R. Keck
Helena	Phillips	300	66	63.0	+ 0.3	85	30	31	3	30	5.81	+0.71	1.09	0.0	10	10	12	8	se.	James A. Burnett
Higden	Cleburne	445	19	...	...	...	...	...	...	...	4.10	−0.50	2.45	0.0	7	14	8	8	s.	Austin E. Cartwright
Highland	Pike	491	19	64.2	...	88	29†	31	9	35	6.01	+1.87	2.23	0.0	6	11	10	9	w.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	62.4	− 1.6	90	29	32	3	36	5.42	+0.43	2.30	0.0	7	15	5	10	s.	Experiment Farm
Hot Springs	Garland	600	47	64.0	+ 1.2	93	30	30	3	40	6.31	+0.32	2.68	T.	9	13	9	8	s.	National Park Servic
Index ‡‡	Little River	275	21	...	...	...	...	...	...	...	3.63	−0.55	1.25	0.0	6	18	3	9	...	W. E McDowell
Jessieville	Garland	750	12	...	...	...	...	...	...	...	5.79	+0.13	3.00	0.0	5	8	15	7	sw.	U. S. Forest Service
Jonesboro	Craighead	345	43	61.8	+ 0.4	85	25	31	10	33	2.72	−2.07	1.10	0.0	7	10	9	11	sw.	Benedictine Sisters
Judsonia	White	...	2	...	...	...	...	...	...	...	4.19	...	1.18	0.0	7	20[a]	1[a]	8[a]	...	T. H. Beals
Lead Hill	Boone	650	32	58.1	− 1.3	89	30	24	10	43	3.81	−0.13	1.12	T.	8	17	7	6	se.	J. H Crosswhite
LITTLE ROCK.	Pulaski	324	59	62.8	+ 0.7	87	30	34	3	29	4.04	−1.15	1.56	0.0	7	9	10	11	s.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	2	63.0	...	93	30	33	3	34	4.51	...	1.29	0.0	10	12	8	10	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	39	60.6	+ 0.3	86	30	29	3	35	6.09	+1.25	1.55	T.	7	17	4	9	sw.	H. G. Lenhardt
Madison	St. Francis	209	8	...	...	...	...	...	...	...	3.61	...	0.65	0.0	8	13	4	13	...	J. W. Eppes
Magnolia	Columbia	315	22	65.2	+ 0.6	94	30	32	3	33	8.03	+3.19	4.40	0.0	6	5	19	6	s.	State Agri. School
Mammoth Spring.	Fulton	600	34	59.8	+ 0.6	87	19	25	10	41	3.47	−1.39	1.87	T.	6	12	11	7	sw.	Paul Morton
Marianna	Lee	235	27	63.2	+ 0.9	87	30	35	3†	34	3.97	−0.58	1.34	0.0	10	8	19	3	s.	C. N. Houck
Marked Tree	Poinsett	229	34	61.8	+ 0.6	88	18†	31	3	35	3.73	−1.25	1.19	0.0	9	12	13	5	n.	Charles Walton
Mena	Polk	1207	50	62.2	+ 0.7	88	29†	31	3†	36	4.97	−0.74	1.97	0.0	9	12	5	13	sw.	E. W. St. John
Monticello Airway	Drew	273	2	65.0	...	88	29	33	3	28	5.02	...	1.86	0.0	8	13	6	11	sw.	Airway Observer
Monticello	Drew	273	3	...	...	...	...	...	...	...	5.54	...	2.38	...	6	..	.	..	...	Soil Conservation Se
Montongo	Drew	...	3	...	...	...	...	...	...	...	5.45	...	2.00	...	7	..	..	..	...	Soil Conservation Se
Morrilton	Conway	315	19	63.6	+ 1.4	88	30	33	10	37	4.76	+0.54	2.63	0.0	6	7	15	8	s.	Mrs. Freda M. Ashcra
Mountainburg(nea	Crawford	2010	1	...	...	...	...	...	...	...	4.41	...	0.87	T.	8	13	9	8	se.	C. A. Lovell
Mountain Home	Baxter	800	26	58.8	− 0.1	88	30	26	10	43	4.65	−0.04	1.35	0.5	9	18	1	11	s.	B. S. Halbert
Mount Ida	Montgomery	702	39	58.2	− 3.0	83	30	25	3	40	5.18	−0.71	1.34	0.0	7	9	9	12	w.	G. A. Whittington
Newport	Jackson	231	55	63.0	+ 1.0	87	30	33	10	32	3.13	−1.85	1.09	T.	11	13	6	11	n.	J. D. Henderson
Norman	Montgomery	687	10	...	...	...	...	...	...	...	4.78	...	2.45	0.0	4	11	7	12	se.	U. S. Forest Service
Oden	Montgomery	800	11	62.4	...	87	30	30	3†	45	5.27	...	2.82	0.0	6	14	8	8	s.	U. S. Forest Service
Okay	Howard	288	10	64.6	...	88	30	34	3	31	6.25	...	2.30	0.0	8	17	6	7	s.	Charles R. Jackson
Ozark	Franklin	396	43	62.7	+ 0.7	88	30	30	3	36	5.11	+1.03	1.50	0.0	8	18	2	10	w.	Orkney O. Milton
Parkin	Cross	222	8	...	...	...	...	...	...	...	5.59	...	1.70	0.0	7	14[a]	4[a]	11[a]	...	Carroll King
Pine Bluff	Jefferson	215	51	64.4	+ 0.8	87	30	35	3	31	6.09	+0.58	2.62	0.0	9	12	13	5	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	14	...	...	...	...	...	...	...	6.29	+0.83	2.98	T.	6	16[a]	6[a]	7[a]	w.	J R. Huddleston
Pocahontas	Randolph	300	45	60.8	+ 0.6	85	30	29	10	36	4.31	−0.54	1.92	0.0	8	7	9	14	sw.	Benedictine Sisters
Portland	Ashley	122	32	64.0	− 0.6	88	30	32	3	34	4.13	−0.60	1.63	0.0	9	13	8	9	sw.	W E. Edmiston
Prescott	Nevada	318	50	65.0	+ 1.5	90	29†	33	3	36	6.39	+1.47	1.47	0.0	8	13	6	11	s.	Craig Williams
Rock Springs ‡‡	Drew	...	3	...	...	...	...	...	...	...	5.12	...	1.75	...	7	..	.	..	...	Soil Conservation Se
Rogers (near) ‡‡	Benton	1300	48	59.8	+ 1.3	87	30	28	2†	43	3.85	−0.59	1.04	0.5	7	18	2	10	sw.	Carl A. Starck
Rosebud. ‡‡	Faulkner	600	4	...	...	...	...	...	...	...	6.42	...	3.92	0.0	5	11	6	13	s.	G. A. Maddox
Russellville[Evap]	Pope	526	26	63.2	+ 2.2	91	30	30	3	39	4.96	+0.96	1.64	0.0	8	18	0	12	se.	U. S. Forest Service
St. Charles	Arkansas	175	5	63.0	...	87	30	34	11	35	7.85	...	2.44	0.0	7	17	5	8	n.	U. S. Biological Surv
St. Francis	Clay	290	11	...	...	...	...	...	...	...	2.76	−1.30	1.06	0.0	11	18	10	2	...	A Boyce Boyd, Jr.
Searcy	White	245	28	61.8	+ 0.1	88	30	30	3	36	4.23	−0.10	1.17	0.0	7	16	2	12	sw.	Walter Smith
Springbank ‡‡	Miller	240	29	...	...	...	...	...	...	...	5.59	+0.34	1.83	T.	9	13	2	15	...	Henry Field
Story	Montgomery	650	14	...	...	...	...	...	...	...	4.90	−1.26	2.00	T.	9	17	5	8	s.	S. C Story
Stuttgart	Arkansas	214	51	63.3	+ 0.9	89	30	31	3	36	3.17	−1.90	1.27	0.0	9	18	6	6	sw.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	3	62.4	...	85	30	32	3	27	4.61	...	1.10	0.0	10	..	..	..	...	Rice Experiment Sta
Subiaco	Logan	750	41	62.7	+ 0.9	89	30	32	3	35	5.00	+0.42	1.47	T	6	14	9	7	se.	New Subiaco Abbey
Texarkana	Miller	332	53	64.6	+ 0.4	90	29†	33	3†	35	5.08	+0.12	1.88	0.0	6	13	10	7	s.	H. S. Brashear
Thornburg	Perry	650	18	60.6[a]	+ 0.4	89[a]	30	24[a]	3	47[b]	5.27	+0.01	2.44	0.0	8	13[a]	7[a]	9[a]	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	57.8	...	81	18†	26	2	26	5.43	+0.17	1.23	T	8	13	8	9	sw.	U. S. Forest Service
Waldron	Scott	675	19	...	...	...	...	...	...	...	4.02	−1.74	1.43	T.	8	10	4	16	nw.	E. B. Shadoan
Warren	Bradley	206	44	64.5	+ 0.9	89	29†	31	3	34	6.52	+1.35	1.76	0.0	7	13	7	10	sw.	C. N. Turner
Whitecliffs	Little River	290	32	...	...	...	...	...	...	...	4.60	−0.44	1.80	0.0	5	15	8	7	...	L. M. Snead
White Rock ‡‡	Franklin	2285	2	57.6	...	81	30	25	2	26	3.38	...	0.92	0.2	7	10	10	10	s.	U. S. Forest Service
Wilson	Mississippi	237	13	61.3	+ 0.3	84	28	24	10	30	3.32	−1.97	1.10	0.0	8	19	2	9	s.	D. O. Anderson
Wynne	Cross	250	30	62.8	+ 1.4	85	30	30	10	33	5.55	+0.33	1.57	0.0	8	12	7	11	s.	B. M. Eddins
Yancopin	Desha	167	14	...	...	...	...	...	...	...	5.04	+1.29	1.17	0.0	9	13	7	10	...	W. E. Barton
State Means				62.1	+ 0.6	94	30	24	3†	47	4.03	+0.03	4.40	0.1	8	14	7	9	s.	

Daily Precipitation for April, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita						.03	1.20	.58	.05					T.	2.25	T.				.05	.73								T.			4.89
Amity	Ouachita						.84	.48	.38	.05							3.02					.29	.41						.20				5.67
Arkadelphia	Ouachita						.56	1.26	.63	.08							1.54	.08	.08			.26	.65										5.14
Arkansas City	Mississippi	.08					.04	1.10	.82	.03			T.				1.50		.86		T.	.07	.30										4.80
Batesville Airway	White							.38	.53	.12							3.62				.02	.70			T.				T.				5.37
Bee Branch	Arkansas							.80	.50								2.10				.20	.50									.10		4.20
Benton	Saline						77	2.14	.45							.29	1.36	.12				.40											5.53
Bentonville ***	Arkansas	T.					.29	.66	.06							1.52					.68	.38						.32					3.91
Big Lake Outlet	St. Francis	T.							.81	.11							.37	T.	T.			T.	.68						T.		.25		2.22
Black Rock	White							T.	1.06	.12							2.16		T.	.05			.52		.02				T		.34		4.27
Blytheville	St Francis								.78	.20							.44						.72								.52		2.66
Booneville	Arkansas							.67	.57							1.25	.27				.67	.20						T.	.38				4.01
Boughton	Ouachita						.38	1.42	.82	.19							1.64	.05	.24				.31										5.05
Brinkley	White							.90	.55	.20							.30	4.18	.12		.08	.12							.05				6.50
Calico Rock	White							.26	.90	.12							1.70					.07	.50		.01				.45		.08		4.09
Camden	Ouachita						.40	2.33	.33	.02							.52	.24	.86		.03	.02	.68										5.43
Carthage	Arkansas						1.33	1.35	.50								.42	.40				1.02							T.				5.02
Clarendon	White							1.25	.64	.22							.54	.76	.05			.05	.14						.07				3.72
Clinton	White							.77	.20								2.25				.07	.51							.05		.90		4.75
Conway	Arkansas						.10	1.37	.54	.11							3.09				.73	.29									.08		6.31
Corning	White								.96	.17							.39						.24						.17		.65		2.58
Cotter	White							.10	.83	.19							1.95					.10	.53					T.	.82				4.52
Crossett [near]	Ouachita	.24					1.95	1.80	.23								1.34	2.88	.02				.39										8.85
Danville	Arkansas						.06	.58	.80	.18							1.98					55	.28					T.	.07		.32		4.82
Dardanelle	Arkansas						.03	.81	.77	.10							2.06					.79	.40						.05		.03		5.04
De Queen	Red						1.16	.86	.30							1.60	.93					.48							T.				5.33
Devils Knob	Arkansas	T.						1.10	.74	.02						1.48	.90				.60	.50							.67		.09		6.10
Dumas	Mississippi	.03					58	1.18	.10								.10	1.09	.03		.67	.15	.31										4.24
El Dorado	Ouachita	.08				.65	2.72	.32	.33							.92			.49	.08		.16	.71										6.46
England	Arkansas	T.					.55	1.71	.69	.12							.76	.62			.01	.12											4.58
Eureka Springs	White							.65	.78	.05						.87	.32				.57	.43						.10	.02				3.79
Fayetteville	White	T.	T.					.72	.22	.02						1.43	.08				1.02	.63						.28	.02		.04		4.46
Fordyce	Ouachita						2.27	.93	.28	.02							.72	.75			T.	.83	.41										6.21
Fort Smith ***	Arkansas					T.	1.01	.98	.29							1.21					.13	1.01			T.			.16					4.79
Fulton	Red						.50	1.78	.62	.07							.90		.20				.12										4.19
Georgetown	White							.10	1.50	.78							.63	.60				.40	.20						.15				4.36
Gilbert	White							.36	.47	.02							2.34					.22	.55						.70				4.66
Glenwood	Ouachita						.78	.72	1.05								2.00				.10	.30							.06				5.01
Grannis	Red					T.	1.08	1.00	.28	.02						2.67	.36	T.			T.	T.						.04	.02				5.47
Gravette	Arkansas							.15	.70							.06	.40						.90						.04				2.25
Green Mountain	White							.63	.58	.05						T	1.86				.05	.47						.03	.11		.01		3.79
Harrison	White							.64	.65	.12						.67	.70				.33	.48							.15		.01		3.75
Helena	Mississippi							1.09	1.03	.15			.06				.64	.26	.65		.46	.64	.83										5.81
Higden	White							70	.38								2.45		T.		.08	.73						.02			.04		4.40
Highland	Ouachita						1.80	.27	.30							2.23						1.00							.41				6.01
Hope [Evap]	Red						1.35	2.30	.59	.03							.80		.16				.19										5.42
Hot Springs	Ouachita						.68	1.38	.82							.32	2.68				.01	.31						T.	.05	.06			6.31
Index	Red						.20	1.25	.65	.10							.98		.45				T.										3.63
Jessieville	Ouachita						.50		1.74								3.00				.20	.35											5.79
Jonesboro	White						T.		1.10	.11							.50	.14					.51						.21		.15		2.72
Judsonia	White							.74	1.18	.42							.60	.04				.91	.30										4.19
Lead Hill	White		T.					.54	.47	.06						.60	1.12				.46	.38							.18				3.81
Little Rock ***	Arkansas	T.	T				.16	1.51	.30							.42	.41	T.			.70	.54						T.		T.			4.04
LittleRock Airway	Arkansas						.23	1.29	.46	.02						.08	.41	.20			1.11	.70	.01							T.			4.51
Lutherville	Arkansas						.08	1.02	.80							.70	1.55				.47	1.47											6.09
Madison	St. Francis	T.						.63	.65	.36							.65	.30				.60	.23						T.		.19		3.61
Magnolia	Red						4.40	1.60	.13									.72			.07	1.11											8.03
Mammoth Spg	White								.60	.15							1.87					T.	.20		T.				.30		.35		3.47
Marianna	St. Francis						.05	.93	.40	.08			.02				.50	1.34			.06	.48	.11										3.97
Marked Tree	St. Francis							.03	1.19	.57							.53	.38				.30	.45						.13		.15		3.73
Mena	Ouachita						.67	1.08	.68	.07						.01	1.97					.07	.29		T.			.13	T.				4.97
Monticello Airway	Ouachita						.99	1.86	.25								.78	.46			.44	.20	.04										5.02
Monticello ***	Ouachita						.90	2.38									.70	1.03			.20	.33											5.54
Montongo	Ouachita						1.10	2.00	.15								.80	.60			.10	.70											5.45
Morrilton	Arkansas						T.	.67	.44	.20							2.63					.50	.32					T			T.		4.76
Mountainburg	Arkansas	T.						.75	.87	.13						.78	.54					.54	.51				T.	.29					4.41
Mountain Home	White							.35	.40	.05						.70	1.35				.05	.50						.10	1.15				4.65
Mount Ida	Ouachita							.75	.88							.88	1.34					.38							.18	77			5.18
Newport	White		.01				.03		1.09	.33							.66	.19		.02		.01	.63						.07		.09		3.13
Norman	Ouachita						.98	.70	T.								2.45					.65											4.78
Oden	Ouachita						.60	1.00	.70								2.82				.08							.07					5.27
Okay	Red					T.	2.30	.67	.43							.02	2.30	.12			.03	.38											6.25
Ozark	Arkansas		T.		T.		T.	1.50	.50	.10							.99				.67	.20	.87						.28				5.11
Parkin	St. Francis							T.	1.10	.24							.54	1.70			1.33	.54	.14										5.59
Pine Bluff	Arkansas						.18	2.62	1.45	.05							.45	.16	.08		.02	T.	1.08										6.09
Pine Ridge	Ouachita						.78	1.09	1.02								2.98					.26								.16			6.29
Plantersville	White						1.05	1.83	.05								.75	.61			T.	.40											4.69
Pocahontas	White							.40	.63	.04							1.92					.42			.05				.18		.67		4.31
Portland	Ouachita	.30					.32	1.63	.86	.03							.01		.65		.03		.30										4.13
Prescott	Ouachita						1.09	1.47	.66	.09							.94	.38	.80				.96										6.39
Rock Springs	Ouachita						1.05	1.73	.07								1.00	.60			.05	.62											5.12
Rogers (near)	White	T.						.86	.33							1.04	.24				.70	.46						.22					3.85
Rosebud	Arkansas							.84	1.02							3.92		.18				.46											6.42
Russellville	Arkansas						.04	1.20	.86							.46	1.64				.39	.31	.02					T.	.04				4.96
St. Charles	White							1.48	.47	.20									1.70		1.20	2.44	.36										7.85
St. Francis	St. Francis							.04	1.06	.34							.36	.10		.12		.05	.06		.04			.12			.47		2.76
Searcy	White						T.	.30	1.17	.39							.86	.03				1.07	.41										4.23
Springbank	Red						.35	1.83	.73	.04							.82	.32	.37		.03		1.10						T	T.			5.59
Story	Ouachita					1.08	.42	.74	.12							2.00					.22	.12						.12		.08			4.90
Stuttgart	Arkansas						.10	1.27	.60	.30							.38	.16	.17			T.	.15						.04				3.17
Stuttgart [Evap]	Arkansas							1.10	.63	.24							.50	.67	.26	.02	.19	.78	.22										4.61
Subiaco	Arkansas						T.	.67	.79							1.47	.76				.48	.83							T.				5.00
Texarkana	Red						.32	1.88	.65								.98		.93				.32										5.08
Thornburg	Arkansas					T	.10	1.16	.75	.02					T	.47	2.44					.16						T.		.17			5.27
Turnpike	Arkansas						T.	1.04	.62	.02						1.02	1.23				.44	.64						T.	.42				5.43
Waldron	Arkansas						.60	.92	.34							1.43					.05	.30						.08		.30			4.02
Warren	Ouachita	T.					1.47	1.76	.60									1.40			.54	.03	.72										6.52
Whitecliffs	Red						1.55	.55	.60	T							1.80		.10														4.60
White Rock	Arkansas							.74	.74							.92					.35	.53			T.			.03	.07				3.38
Wilson	Mississippi							.10	1.10	.35							.39	.05				.70	.23								.40		3.32
Wynne	St. Francis							1.25		.34							.55	1.57			.54	.76	.29								.25		5.55
Yancopin	Arkansas						T.	1.17	.71	.07			.03				.73		.52		.01	1.10	.70										5.04

Daily temperatures for April, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	75	65	65	75	75	72	65	55	55	64	66	79	80	80	76	78	78	85	86	82	76	68	74	78	81	82	81	82	86	86		75.0
	Minimum	55	47	28	37	37	57	52	37	32	29	44	44	48	50	50	56	54	52	55	66	55	52	38	50	52	55	51	55	56	56		48.3
Amity §§	Maximum	67	56	68	74	76	72	61	40	56	67	68	81	80	74	71	80	74	83	80	83	78	72	76	79	81	82	79	87	87	88		74.0
	Minimum	49	35	31	35	45	59	57	38	33	83	36	46	51	56	58	58	58	54	55	63	59	50	42	46	56	61	64	64	57	61		50.3
Arkadelphia §§	Maximum	78	63	68	82	83	83	65	43	65	82	72	85	83	83	83	83	83	83	83	89	83	82	83	83	87	86	83	89	90	90		79.8
	Minimum	51	38	32	38	40	58	57	40	35	36	43	46	50	55	56	61	62	54	55	60	59	51	44	49	52	63	62	62	59	61		51.0
Batesville	Maximum	63	55	66	73	76	71	65	47	56	64	67	80	79	74	77	79	80	87	84	73	65	70	72	74	83	83	82	83	86	86		73.3
	Minimum	46	35	29	41	55	61	47	39	34	30	47	45	53	56	64	62	58	56	59	62	54	47	39	51	56	54	62	61	51	66		50.7
Bee Branch	Maximum	63	59	64	70	70	71	69	50	55	62	64	77	77	76	72	77	76	83	83	78	66	67	69	74	80	79	78	82	84	84		72.0
	Minimum	45	31	28	36	55	60	50	37	32	30	42	43	49	58	60	55	50	53	55	58	55	46	40	52	53	54	62	62	50	63		48.8
Benton	Maximum	65	60	65	72	77	70	68	56	58	66	69	81	80	74	75	81	80	82	80	81	75	72	75	79	83	81	80	86	86	87		74.8
	Minimum	49	36	29	34	52	59	55	37	33	31	43	45	47	55	61	61	60	53	56	62	58	50	39	49	53	53	64	60	52	60		49.9
Bentonville ***	Maximum	51	46	62	68	74	74	59	35	50	63	67	77	78	69	68	72	76	82	83	68	58	67	75	77	80	79	77	73	82	87		69.2
	Minimum	34	28	35	47	55	59	35	31	28	33	49	46	54	61	60	56	53	57	61	54	49	40	43	60	57	58	59	52	47	68		49.0
Blytheville	Maximum	67	54	65	72	79	76	60	49	55	64	68	80	82	78	82	78	81	84	82	72	71	67	75	76	84	86	84	84	87	78		74.0
	Minimum	43	39	30	40	51	58	47	43	35	31	43	49	55	57	72	72	70	58	60	63	57	53	..	..	..	..	..	67	52	60		52.2
Booneville	Maximum	63	54	69	72	77	78	73	50	57	68	69	81	80	76	71	82	76	89	85	78	72	69	76	75	83	82	79	80	88	91		74.8
	Minimum	37	32	29	39	62	62	45	36	32	31	47	43	48	62	62	56	51	52	54	60	57	43	41	57	53	60	66	60	52	61		49.7
Brinkley	Maximum	69	59	65	72	79	72	66	55	57	64	69	79	80	77	80	79	81	79	80	75	73	68	73	82	83	83	81	85	86	87		74.5
	Minimum	51	38	30	39	50	51	53	39	36	32	43	48	54	54	61	63	57	60	56	66	59	50	41	49	56	55	58	63	53	66		51.0
Camden	Maximum	69	67	64	73	75	70	69	66	59	66	70	81	79	77	78	83	83	79	79	84	84	72	76	81	83	83	84	84	89	89		76.5
	Minimum	54	41	38	45	58	59	58	37	37	39	49	52	54	57	59	60	59	54	61	62	61	53	47	54	57	58	65	64	60	67		54.0
Carthage	Maximum	66	66	64	74	78	68	63	58	58	67	71	80	80	77	76	82	80	80	79	94	81	70	76	81	83	83	91	85	88	90		76.3
	Minimum	52	37	29	36	53	60	56	38	35	34	43	49	51	55	56	59	61	51	56	64	61	50	42	49	54	55	62	65	57	65		51.2
Conway	Maximum	67	60	70	75	79	68	66	53	60	69	70	81	82	76	77	82	79	87	84	76	70	70	73	78	83	84	83	84	88	90		75.5
	Minimum	47	35	30	39	56	61	53	40	34	32	44	46	52	58	62	60	57	54	58	62	57	48	41	53	54	58	62	66	54	64		51.2
Corning	Maximum	63	57	66	73	77	72	66	45	56	64	69	80	82	79	81	78	82	86	87	77	70	69	75	69	84	85	85	77	85	84		74.1
	Minimum	42	37	32	44	47	62	43	38	32	29	43	47	52	58	60	62	57	57	57	59	51	44	37	46	51	54	59	62	49	59		49.0
Crossett	Maximum	72	60	65	71	71	70	68	63	58	67	73	80	80	79	79	82	77	75	79	82	80	73	76	80	82	82	81	87	88	89		75.6
	Minimum	49	42	28	34	50	50	55	37	38	30	38	52	50	53	59	56	62	55	57	63	54	54	41	47	59	53	61	57	60	57		50.0
Dardanelle	Maximum	67	56	69	74	77	74	71	54	59	68	68	79	81	77	72	82	77	88	87	80	72	70	76	73	84	80	82	82	87	90		75.2
	Minimum	45	35	31	43	58	61	50	37	33	32	46	46	51	61	62	58	53	54	60	61	57	48	44	58	55	59	68	66	53	65		51.7
De Queen	Maximum	68	58	66	72	73	71	67	47	60	66	71	81	79	75	70	81	76	84	79	84	82	74	75	79	82	81	81	86	87	88		74.8
	Minimum	47	37	32	38	62	59	48	35	32	33	45	46	50	59	64	57	56	54	55	60	62	51	45	59	57	63	68	63	58	62		51.9
Devils Knob	Maximum	56	47	59	66	76	70	62	42	50	57	62	73	73	66	62	72	79	73	79	73	65	65	66	74	76	75	74	75	80	81		67.6
	Minimum	38	24	32	45	53	55	42	28	25	32	42	51	55	56	57	54	65	55	58	53	47	43	46	55	59	59	61	56	61	62		49.0
Dumas	Maximum	68	60	70	77	75	72	68	60	58	67	72	81	82	79	82	81	82	80	82	80	80	70	77	80	84	85	84	87	89	89		76.7
	Minimum	52	40	33	40	50	59	55	39	38	35	44	53	58	56	62	61	64	58	62	62	63	54	45	51	58	55	58	64	60	65		53.1
El Dorado	Maximum	72	58	66	76	74	69	66	63	66	68	74	81	80	78	78	84	78	78	80	82	86	72	76	80	81	52	82	85	90	89		76.5
	Minimum	50	41	33	42	60	60	58	39	36	38	56	46	59	57	63	59	59	55	61	64	60	53	45	53	61	61	61	65	63	66		54.1
England	Maximum	66	59	67	72	77	71	64	54	56	65	69	79	80	73	78	79	78	78	76	78	75	68	74	81	84	82	81	80	87	89		74.0
	Minimum	50	36	33	40	55	59	53	39	36	33	45	50	56	55	62	60	62	55	..	60	59	51	43	50	56	59	61	65	58	66		52.0
Eureka Springs	Maximum	55	49	62	71	74	77	70	38	51	64	67	76	80	71	68	73	75	82	82	75	59	66	75	76	82	80	77	75	81	86		70.6
	Minimum	34	26	35	44	55	61	37	30	27	30	48	48	55	62	60	57	56	58	62	52	51	40	41	59	57	58	62	54	49	68		49.2
Fayetteville	Maximum	55	45	62	67	73	75	70	40	50	60	66	75	76	72	67	71	75	81	80	77	60	65	71	77	80	77	75	73	81	84		69.3
	Minimum	37	28	34	46	55	61	40	30	28	29	46	44	55	60	59	57	52	56	59	55	53	39	43	58	56	61	64	53	47	65		49.0
Fordyce	Maximum	74	63	68	72	77	72	68	62	60	66	72	79	79	76	76	81	80	78	78	81	80	71	75	77	82	82	81	85	89	89		75.8
	Minimum	53	39	32	40	57	59	57	38	37	36	45	53	56	56	61	58	65	54	61	64	62	51	45	50	52	58	64	64	60	66		53.1
Fort Smith***	Maximum	59	52	65	72	77	80	55	44	56	67	70	79	81	74	71	77	75	85	84	73	62	68	77	74	84	82	80	78	86	88		72.5
	Minimum	39	35	36	45	61	56	43	35	35	37	49	49	55	64	62	58	55	57	60	62	54	49	48	60	60	63	69	58	55	68		52 6
Gilbert	Maximum	76	66	56	67	73	76	76	60	47	56	65	67	81	80	74	71	79	78	80	85	63	64	67	74	76	78	74	76	83	87		71.8
	Minimum	40	30	25	31	41	56	57	36	31	27	47	40	42	54	61	55	45	47	46	58	53	38	35	48	50	49	50	50	46	63		45.0
Grannis	Maximum	63	50	55	65	65	65	62	46	52	57	59	64	66	67	68	67	66	81	73	74	71	62	65	75	78	74	74	74	77	77		66.4
	Minimum	46	32	27	33	58	57	44	32	31	28	40	42	46	55	60	51	47	50	51	64	59	46	37	54	51	54	56	61	51	60		47.4
Gravette§§	Maximum	50	45	65	70	75	74	48	37	50	64	70	79	79	70	68	73	78	82	84	62	59	68	75	79	82	79	78	73	85	89		69.7
	Minimum	35	28	30	38	48	59	41	32	26	28	34	41	47	56	61	56	47	55	56	54	52	39	42	51	57	58	63	49	45	51		46.0
Green Mountain	Maximum	58	48	65	70	74	70	65	41	51	61	63	77	76	72	70	77	75	82	83	74	65	64	71	72	81	79	78	74	83	84		70.1
	Minimum	40	28	32	45	56	59	40	32	27	33	46	51	56	59	61	57	57	58	59	54	51	43	43	56	59	60	62	60	52	60		49.9
Harrison	Maximum	55	49	67	73	71	80	72	40	53	66	69	80	81	72	68	78	70	83	87	78	59	67	76	80	83	83	70	78	88	89		72.2
	Minimum	35	26	29	42	54	62	40	33	28	27	47	45	46	60	61	56	49	49	51	53	53	40	39	56	53	55	64	58	45	65		47.4
Helena	Maximum	63	58	61	69	77	72	66	64	53	61	66	75	78	76	78	73	75	75	75	78	74	66	72	78	82	81	81	82	82	85		72.5
	Minimum	51	41	31	42	54	60	56	39	36	34	45	54	59	58	60	62	61	59	61	65	58	52	46	54	61	58	60	66	56	66		53.5
Highland	Maximum	79	58	68	77	77	72	64	60	59	68	70	79	80	76	74	78	79	82	79	83	83	71	70	79	80	84	85	85	88	88		75.8
	Minimum	49	34	33	42	59	56	53	36	31	37	45	50	55	57	52	57	61	51	61	62	61	48	44	56	64	62	71	65	60	64		52.5
Hope §§	Maximum	62	58	63	73	72	70	58	37	58	66	71	80	77	76	74	81	79	79	72	82	76	70	75	79	81	80	80	83	90	86		72.9
	Minimum	52	35	32	37	47	59	58	37	34	35	47	48	52	57	60	59	61	53	55	62	64	51	43	52	57	62	66	63	60	60		51.9
Hot Springs	Maximum	67	59	70	76	76	72	65	55	60	70	69	85	82	75	72	84	77	86	84	87	76	75	80	83	87	84	82	86	90	93		76.9
	Minimum	45	35	30	41	54	59	55	36	34	32	44	47	51	56	59	59	58	54	60	64	57	46	40	53	55	58	62	65	55	65		51.0
Jonesboro	Maximum	64	58	64	72	76	71	66	47	54	64	69	80	80	76	81	77	80	84	83	73	68	66	73	74	85	84	82	82	84	84		73.4
	Minimum	46	36	33	42	51	60	45	40	33	31	42	48	54	55	58	61	59	57	59	62	55	46	42	50	57	53	57	64	54	59		50.3
Lead Hill	Maximum	55	48	65	74	75	79	70	40	52	57	70	81	72	74	70	67	76	67	86	78	62	70	74	81	83	81	80	78	85	89		71.3
	Minimum	30	29	25	38	49	63	38	32	28	24	37	39	43	58	61	63	44	48	46	58	51	35	34	52	50	50	58	57	42	64		44.9
Little Rock.***	Maximum	62	54	63	71	77	66	62	47	56	65	68	75	79	74	75	80	78	82	80	74	67	66	72	79	81	81	79	81	84	87		72.2
	Minimum	42	37	34	42	58	58	47	37	36	41	48	52	56	60	63	62	61	57	60	62	57	52	49	57	60	62	66	65	59	64		53.5
Little Rock [Airway]	Maximum	63	59	67	73	77	71	64	53	59	65	68	77	80	75	77	80	79	85	82	78	69	67	72	80	82	81	81	83	88	93		74.3
	Minimum	50	36	33	39	53	59	52	40	36	34	46	47	51	56	60	62	61	56	57	62	57	50	44	51	56	57	64	66	54	64		51.8
Lutherville	Maximum	67	53	64	72	74	71	67	49	57	63	65	78	78	72	69	78	72	82	84	73	64	69	71	76	80	80	79	77	82	86		71.7
	Minimum	44	31	29	40	56	48	47	35	32	32	43	47	54	60	60	58	52	55	56	58	53	47	43	55	55	59	66	61	50	63		49.6
Magnolia	Maximum	74	70	65	74	74	73	73	60	58	66	73	85	87	79	77	82	88	80	84	84	85	72	75	78	84	88	82	83	87	94		77.8
	Minimum	53	37	32	42	59	58	55	35	33	36	47	54	58	58	62	59	59	53	60	52	60	51	45	56	60	62	66	53	60	65		52.7
Mammoth Spring	Maximum	62	53	67	72	74	73	71	43	52	64	68	79	80	75	77	81	79	84	87	74	67	70	74	79	83	83	82	77	85	85		73.3
	Minimum	37	33	26	37	46	61	42	37	31	25	42	42	47	57	58	59	57	50	46	57	52	44	36	49	50	52	58	59	45	56		46.4
Marianna	Maximum	65	60	69	69	76	72	65	59	54	66	66	77	77	75	78	74	75	75	80	78	70	66	71	81	81	81	80	85	83	87		73.2
	Minimum	53	41	35	35	56	61	58	40	37	37	37	55	55	59	63	64	59	59	59	66	60	53	48	53	53	52	61	66	58	67		53.3
Marked Tree§§	Maximum	63	53	65	72	77	68	58	47	53	61	68	78	80	76	80	76	80	88	79	76	66	67	72	78	82	82	88	84	84	82		72.8
	Minimum	49	38	31	37	51	62	53	42	35	33	35	49	55	43	60	61	60	58	65	63	58	48	42	50	54	55	62	64	51	60		50.8
Mena	Maximum	62	53	66	71	74	74	66	49	55	67	67	81	79	72	67	79	72	87	82	81	77	73	77	76	81	83	80	84	88	88		73.7
	Minimum	45	32	31	44	59	57	45	33	32	31	48	45	53	59	60	55	53	59	54	62	58	48	42	57	54	60	64	64	55	63		50.7
Monticello	Maximum	68	60	61	70	77	70	61	61	53	64	68	78	77	76	76	76	76	74	78	80	78	68	73	79	79	80	80	85	88	86		73.3
	Minimum	53	41	33	46	59	60	58	40	38	38	54	59	63	59	65	59	62	59	66	61	63	61	53	62	62	65	62	66	68	63		56.8
Morrilton	Maximum	72	71	69	71	75	74	71	68	67	65	66	77	78	77	75	79	76	85	84	82	83	80	76	79	80	80	80	81	85	88		76.5
	Minimum	45	35	34	42	56	61	49	37	35	33	45	45	51	57	61	57	55	55	61	55	53	48	41	42	55	58	64	67	55	65		50.6
Mountain Home	Maximum	59	50	67	74	76	70	75	46	53	65	67	80	80	72	71	79	77	87	69	71	63	67	73	80	83	83	81	78	84	88		72.3
	Minimum	36	29	27	38	51	55	38	33	30	26	40	43	48	57	59	56	48	48	48	54	49	42	37	37	53	54	60	57	47	60		45.3
Mt. Ida	Maximum	61	51	61	65	68	68	66	58	54	65	63	76	69	70	70	70	72	78	75	71	71	69	73	73	69	81	75	75	82	83		69.4
	Minimum	39	32	25	33	59	58	56	35	32	27	43	38	42	59	62	50	48	48	51	55	57	32	33	51	47	54	68	68	48	56		46.9
Newport	Maximum	64	58	64	72	78	72	66	49	57	63	68	80	80	74	80	77	79	81	80	74	66	69	73	75	84	84	81	83	84	87		73.4
	Minimum	48	39	39	47	57	63	48	41	35	33	41	48	57	57	67	64	60	58	61	63	56	49	41	52	56	55	62	64	52	63		52.5
Oden***	Maximum	84	53	65	70	74	73	61	45	56	65	68	80	78	75	68	79	72	85	82	81	78	71	77	78	83	81	79	84	85	87		73.9
	Minimum	39	33	30	87	62	60	45	40	40	30	50	46	47	61	60	58	60	56	58	61	52	46	39	55	53	60	67	64	53	65		50.9
Okay	Maximum	73	64	65	74	74	71	67	56	62	66	71	80	80	78	75	81	80	80	80	83	83	73	75	80	82	82	81	85	87	88		75.9
	Minimum	52	37	34	45	60	58	56	37	35	35	47	49	54	58	64	56	55	54	60	62	64	50	45	58	59	64	66	61	58	63		53.2
Ozark	Maximum	65	57	66	72	76	76	75	55	60	65	70	80	82	77	72	81	75	86	86	84	68	69	73	75	82	81	79	82	85	88		74.7
	Minimum	42	32	30	40	60	62	51	35	33	33	45	44	49	62	63	57	52	53	55	61	58	45	45	58	55	60	68	60	51	63		50.7
Pine Bluff	Maximum	65	60	66	74	79	68	64	56	57	67	70	79	80	76	78	81	80	78	81	79	76	68	72	80	82	82	81	82	83	87		74.4
	Minimum	55	39	35	44	55	59	55	40	37	39	46	54	59	58	62	59	62	55	62	66	59	52	46	53	59	59	63	67	60	68		54.5
Pocahontas	Maximum	66	58	66	69	75	73	68	45	55	53	67	76	79	76	77	75	81	84	83	75	68	70	71	73	82	82	81	79	82	85		72.5
	Minimum	42	36	30	43	47	62	44	39	33	29	45	47	50	58	59	60	56	56	56	61	54	45	39	50	52	54	59	62	50	59		49.2

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day.

Weather Bureau Office, Little Rock, Ark. 5-18-88-1150

Daily temperatures for April, 1938, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Portland	Maximum	66	61	62	71	79	72	67	64	58	65	71	77	80	80	80	78	80	76	80	81	80	73	73	82	83	83	83	85	87	88		75.5
	Minimum	47	41	32	37	52	58	55	39	37	35	40	55	55	55	61	58	63	58	60	64	58	55	46	53	60	55	56	62	61	63		52.4
Prescott	Maximum	72	63	66	76	76	72	70	57	61	68	73	81	82	79	76	83	79	81	81	84	82	72	77	80	83	84	83	86	90	90		76.9
	Minimum	52	36	33	40	56	64	57	37	34	37	47	50	55	57	61	60	58	54	59	62	62	50	44	54	58	60	67	63	60	65		53.1
Rogers	Maximum	53	48	75	71	75	77	71	39	51	64	69	79	79	72	67	74	77	85	83	75	59	68	75	78	82	79	77	75	84	87		71.6
	Minimum	34	28	32	43	54	62	38	30	28	28	49	41	49	61	60	56	49	57	54	54	52	40	41	60	54	58	65	52	45	67		48.0
Russellville [Evap]	Maximum	67	67	69	73	77	75	70	54	59	67	79	80	80	78	73	81	81	86	86	80	74	71	74	75	83	82	82	81	88	91		76.1
	Minimum	47	33	30	39	57	61	51	38	33	31	42	44	48	59	62	58	51	52	55	59	58	55	41	55	53	56	67	66	51	60		50.4
Searcy	Maximum	65	58	66	72	79	73	64	50	57	65	66	79	80	75	78	80	80	83	80	74	65	69	74	78	83	83	81	83	85	88		73.5
	Minimum	49	35	30	37	54	61	50	40	34	31	42	46	51	55	63	62	59	56	57	61	55	49	40	50	54	54	54	61	52	64		50.2
Stuttgart	Maximum	66	56	64	74	78	70	65	52	59	67	75	79	80	76	78	79	82	79	80	78	74	68	73	82	83	83	81	85	87	89		74.7
	Minimum	51	32	31	38	52	58	54	42	35	33	45	50	55	55	61	64	65	53	58	65	58	51	43	51	57	54	59	64	57	65		51.9
Subiaco	Maximum	63	53	67	74	78	79	68	52	57	68	68	80	81	75	70	80	74	85	95	76	68	71	76	76	85	82	80	78	85	89		74.1
	Minimum	43	34	32	41	59	61	47	33	33	33	47	46	52	63	62	54	56	56	57	60	56	45	43	56	55	63	68	62	54	67		51.3
Texarkana	Maximum	68	64	67	76	73	67	65	45	61	68	74	82	79	79	73	85	77	82	79	85	83	73	77	80	83	83	82	85	90	90		75.8
	Minimum	52	36	33	45	60	59	58	35	33	33	47	47	58	60	61	58	57	57	59	60	63	55	51	59	60	62	65	60	61	62		53.5
Thornburg	Maximum	63	56	67	..	76	70	63	50	57	64	62	79	79	24	71	79	77	87	83	75	73	68	79	78	81	80	87	83	86	89		73.7
	Minimum	42	30	24	..	57	53	48	35	32	26	43	39	43	58	61	56	48	47	55	54	54	45	32	52	46	56	65	66	46	63		47.4
Turnpike	Maximum	55	45	58	66	69	67	61	40	50	58	61	73	73	67	63	73	71	81	80	68	62	63	67	72	76	75	74	75	78	81		66.8
	Minimum	37	26	32	43	53	54	39	29	27	32	43	53	56	56	57	55	59	57	59	50	48	40	42	55	55	60	60	59	60	64		48.7
Warren	Maximum	67	63	65	73	78	72	69	62	59	57	70	80	81	79	79	82	80	82	79	82	82	72	76	79	83	84	83	86	89	89		76.1
	Minimum	52	41	31	40	56	59	57	37	37	40	40	54	58	55	60	58	56	57	61	60	59	53	45	51	57	56	64	64	61	68		52.9
White Rock	Maximum	53	45	59	65	68	70	67	44	48	57	60	71	74	69	63	69	69	72	77	76	68	63	65	70	74	73	70	74	79	81		66.4
	Minimum	35	25	33	41	54	55	42	26	26	33	43	52	56	56	57	52	59	55	60	55	49	42	44	56	58	61	61	53	59	64		48.8
Wilson	Maximum	63	58	61	68	74	73	67	50	49	59	64	74	77	75	77	75	76	78	74	72	63	63	69	71	80	80	80	84	82	80		70.5
	Minimum	48	38	33	43	55	60	50	42	35	32	45	52	57	57	60	61	60	58	62	63	56	48	41	52	61	55	61	66	52	60		52.1
Wynne	Maximum	65	60	64	72	77	73	67	52	56	63	67	78	80	77	79	76	80	81	77	75	66	66	73	80	84	82	81	84	83	85		73.4
	Minimum	49	38	31	39	55	62	50	41	35	30	44	50	58	56	62	63	63	58	61	64	57	49	44	51	61	56	62	65	52	61		52.2

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	....	.341	.185	.222	.170	..	....	.034	.071	.043	.197	.118	.182	.241	.128	.120	.151	.064	.140	.133	.065	.298	.268	190	.172	.098	.261	.199	.172	.256		4.993
	Mean tem.	57	46	48	55	60	64	58	37	46	50	59	64	64	66	67	70	70	66	64	72	70	60	59	66	69	71	73	73	75	73		62.4
	Wind move	73	88	54	68	22	82	52	76	72	52	48	42	21	58	58	62	44	7	33	26	14	78	52	22	15	38	67	64	32	24		1,444
Russellville [Ozark Nursery]	Evap.	.199	.218	.174	.174	.148	.126	.128	.066	.154	.120	.156	.110	.214	.152	.068	.270	144	.154	.234	.130	.114	.160	.076	.240	.134	.230	.178	.252	.202	.246		4.962
	Mean tem.	57	50	50	56	67	65	60	46	46	49	60	62	64	65	68	70	66	69	70	70	66	63	58	65	68	69	74	74	70	76		63.2
	Wind move	41	97	48	41	39	66	49	71	94	30	56	19	36	41	44	63	16	27	26	45	47	56	19	19	22	37	69	74	30	23		1,345
Stuttgart [Rice Exp. Farm]	Evap.	.190	.221	.153	.132	.189	.184	.090	..	.042	.141	.116	.143	.143	.199	.134	.221	.161	.093	.176	.112	.115	.104	.189	.173	.162	.198	.214	.227	,204	.204		4.821
	Mean tem.	60	52	44	52	58	65	61	54	40	46	54	59	68	67	68	70	70	68	68	70	68	62	56	62	68	69	72	72	70	76		62.4
	Wind move	66	97	82	55	76	123	76	87	144	62	60	94	45	74	107	178	138	70	102	112	50	89	54	40	36	54	71	119	64	50		2,475

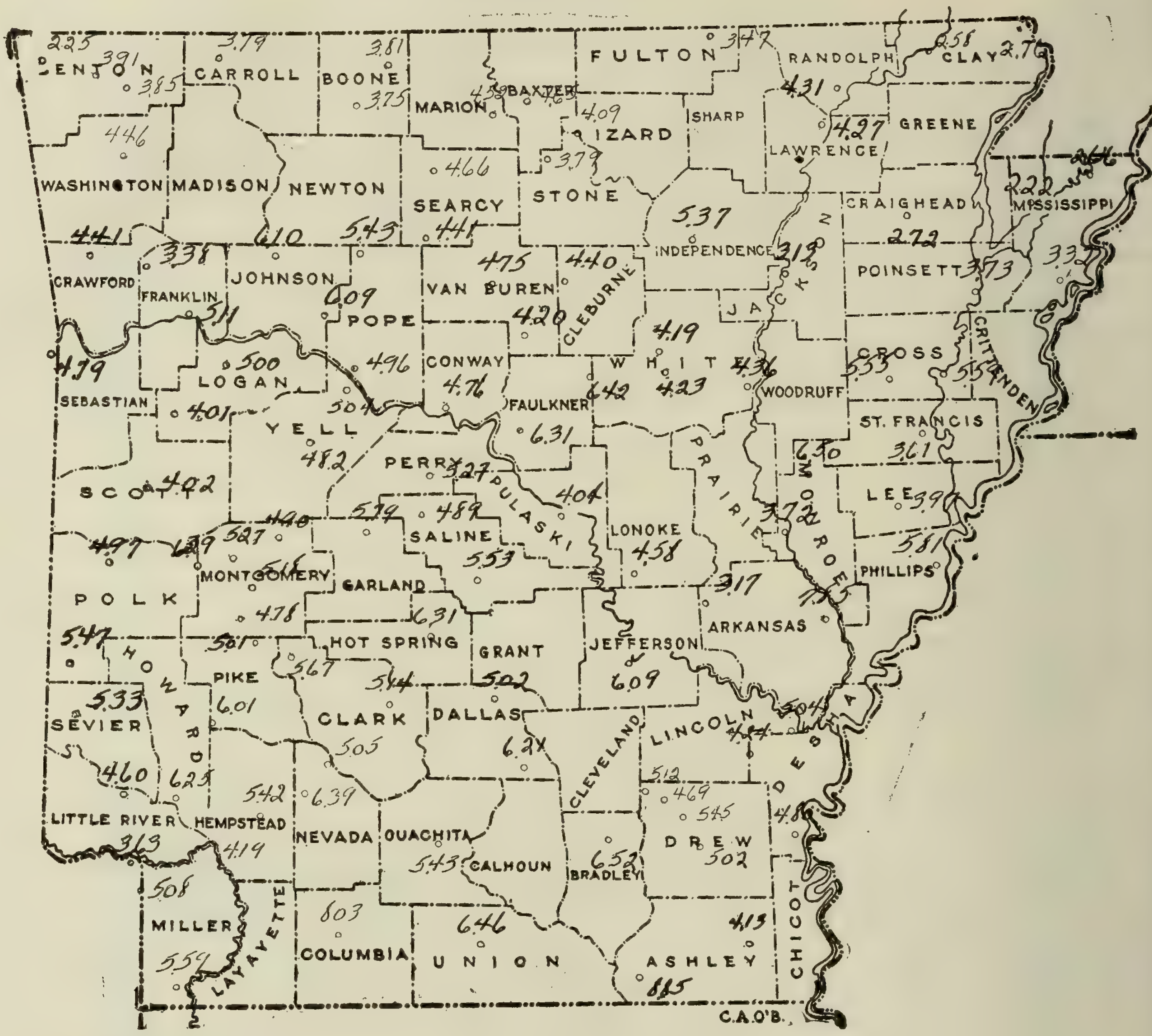
Daily River Stages for April, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	24.3	23.8	21.4	17.3	15.3	13.3	11.8	12.8	13.5	13.7	13.3	12.7	13.3	13.2	12.3	13.8	12.0	11.5	11.2	10.2	9.5	10.3	12.2	12.2	11.4	10.4	9.4	8.7	8.2	8.0	
Van Buren	do	22	24.8	24.4	22.4	18.8	16.9	15.1	13.3	14.5	15.3	15.4	15.0	14.3	14.8	14.8	13.9	15.4	13.8	13.2	12.7	11.7	10.7	11.6	13.8	13.7	12.8	11.6	10.5	9.6	9.0	8.6	
Danville	Petit Jean	20	21.8	20.0	16.2	12.2	9.0	7.7	7.2	11.5	19.5	20.6	19.6	16.4	12.9	9.8	8.2	18.8	22.8	22.5	21.0	18.2	16.3	17.5	15.6	12.6	10.2	8.6	7.4	6.5	5.8	5.7	
Ozark	Arkansas	22	20.8	20.3	19.0	15.7	13.4	11.6	9.6	9.9	11.2	11.2	11.0	10.3	10.1	10.7	10.0	10.0	10.6	9.1	8.4	8.0	7.0	7.2	8.8	9.4	8.9	8.8	6.7	5.8	5.3	4.7	
Dardanelle	do	22	22.8	22.3	21.5	19.8	17.0	15.4	13.7	12.9	14.0	14.3	14.1	13.6	12.8	13.1	13.2	14.9	14.7	13.5	12.4	11.8	11.6	12.0	11.4	12.1	12.6	11.8	10.9	10.0	9.2	8.7	
Morrilton	do	20	21.0	21.0	20.4	19.2	16.7	14.6	13.0	11.6	11.7	12.6	12.4	11.9	11.0	10.7	11.0	11.4	13.2	12.2	10.5	9.8	9.6	9.3	9.2	9.8	10.4	9.6	8.5	7.3	6.2	5.3	
Little Rock	do	23	21.1	21.6	20.9	20.3	18.5	16.3	14.5	13.1	12.5	13.3	13.6	13.2	12.4	11.6	11.4	12.4	14.6	14.5	13.4	12.2	11.6	11.0	11.0	10.5	11.1	11.0	10.2	9.1	8.0	7.2	
Pine Bluff	do	25	22.6	23.8	24.1	23.6	22.6	21.1	19.6	18.1	16.9	16.7	17.2	17.2	16.6	15.8	16.1	15.2	16.6	17.9	17.6	16.5	15.8	15.2	14.5	14.4	14.1	14.8	14.5	13.5	12.5	11.4	
Gilbert	Buffalo	30	7.0	6.3	5.8	5.4	5.2	5.0	4.9	5.8	6.8	6.3	6.0	5.6	5.3	5.1	5.0	13.8	7.9	6.6	6.1	5.9	5.6	6.2	5.9	5.5	5.3	5.1	4.9	6.5	5.9	5.3	
Doniphan, Mo.	Current	16	8.2	7.3	6.4	6.1	5.8	5.2	5.1	4.9	5.7	7.4	6.7	6.4	5.0	5.1	5.7	6.1	7.9	7.0	6.8	5.8	5.4	5.2	5.0	4.9	4.8	4.5	4.2	4.0	3.8	3.8	
Black Rock	Black	14	23.9	22.7	22.1	22.0	22.2	22.3	22.3	22.4	22.4	22.1	21.6	21.0	20.5	19.8	19.0	20.1	22.8	22.2	20.9	20.0	19.2	18.6	17.8	16.8	15.8	14.7	13.6	12.6	11.7	10.9	
Judsonia	Little Red	..	35.8	34.6	29.4	29.4	29.6	29.4	29.0	28.8	28.6	28.0	27.4	26.8	26.4	26.0	25.7	25.4	31.2	32.6	28.4	27.3	27.3	27.1	27.0	26.6	26.1	25.5	25.0	24.5	24.0	23.6	
Ozark Beach Mo	White	30	11.0	8.8	7.0	6.0	5.6	4.9	4.8	4.9	7.0	7.6	8.0	7.2	6.3	5.6	5.1	5.0	5.6	6.5	6.2	5.6	5.0	5.0	5.6	6.8	6.0	5.2	4.8	4.6	4.5	4.4	
Cotter	do	21	14.7	14.0	11.0	10.0	8.0	7.5	7.0	7.0	7.0	7.5	7.5	8.5	8.5	8.0	7.5	8.1	7.7	7.5	7.2	6.9	7.1	7.3	7.3	6.9	6.8	6.8	6.8	6.8	6.4	6.1	
Calico Rock	do	18	15.8	13.2	10.6	9.1	8.0	7.2	6.5	6.5	7.1	8.7	8.7	8.7	8.0	7.8	6.7	11.4	13.3	9.6	8.5	8.1	7.2	6.8	6.6	6.4	6.6	6.6	6.0	6.2	6.0	5.6	
Batesville	do	23	25.6	23.1	19.9	17.5	15.5	14.3	13.3	12.8	13.6	14.7	15.7	15.6	15.0	14.1	13.2	18.1	23.0	19.0	16.3	15.4	14.4	13.9	13.2	12.9	12.7	13.2	12.6	11.7	12.2	11.9	
Newport	do	26	29.9	29.4	28.9	28.0	26.9	26.0	24.9	24.2	23.7	23.5	23.7	23.9	23.6	23.3	22.7	22.2	24.9	26.2	25.8	25.3	24.6	23.9	23.0	22.2	21.3	20.6	20.0	19.1	18.2	17.3	
Georgetown	do	21	22.0	23.2	24.4	25.2	25.7	25.8	25.7	25.5	25.2	24.8	24.4	24.0	23.7	23.4	23.2	23.1	23.3	23.6	23.9	24.0	24.0	24.0	23.9	23.7	23.4	23.1	22.8	22.5	22.2	21.7	
Clarendon	do	26	25.0	25.6	26.2	27.0	27.7	28.4	29.1	29.7	30.2	30.5	30.6	30.5	35.4	30.2	30.0	29.7	29.6	29.6	29.4	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.1	29.0	28.8	26.6	
St. Charles	do	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Arkadelphia	Ouachita	17	22.2	16.9	11.5	10.1	10.0	8.6	11.4	17.5	17.1	16.5	13.5	11.4	9.7	8.5	8.4	14.2	20.2	19.1	13.1	10.3	10.0	9.5	8.4	8.0	7.7	8.0	7.7	7.7	6.8	7.0	
Boughton	Little Mo.	20	19.6	20.0	17.9	14.7	11.0	11.1	12.5	17.6	19.9	19.3	17.6	16.4	11.2	10.0	8.6	9.3	18.4	20.1	17.9	14.4	10.7	9.7	10.7	9.5	7.8	7.2	6.7	6.4	5.0	4.9	
Camden	Ouachita	26	28.9	31.5	33.6	34.5	40.1	33.0	31.8	30.9	31.0	31.7	32.6	33.3	33.2	32.6	31.1	29.2	27.3	27.9	29.4	30.5	31.0	30.7	29.9	28.4	26.2	23.9	21.1	18.6	16.7	15.0	
Whitecliffs	Little River	25	26.5	27.0	26.9	26.6	26.3	26.0	24.5	24.0	24.4	24.9	25.0	21.7	24.3	22.3	19.7	19.3	23.1	25.2	26.0	25.7	24.7	23.0	20.4	17.8	16.2	15.0	12.2	8.1	6.9	4.5	
Index	Red	25	27.2	27.6	27.3	27.0	23.6	20.4	18.5	18.6	21.3	21.5	20.2	18.4	16.6	15.3	14.0	13.4	17.2	19.4	19.4	17.2	14.6	12.2	11.6	11.0	10.8	11.2	11.2	10.5	10.5	10.2	
Fulton	do	25	28.8	30.2	31.2	31.4	30.6	28.9	27.8	26.7	27.4	27.5	26.9	25.7	24.4	23.1	21.7	20.5	20.9	22.8	23.7	23.2	22.0	20.8	19.6	18.3	17.1	15.9	14.4	12.9	11.4	10.7	
Springbank	do	10	26.3	27.7	28.3	29.0	29.6	29.7	29.8	29.5	28.9	28.9	28.9	28.4	27.5	26.2	24.7	23.4	23.2	23.5	24.4	25.0	24.5	23.9	22.6	21.8	21.0	20.6	20.2	18.1	17.9	15.6	
Big Lake Outl't	St. Francis	18	11.9	13.0	14.0	14.9	15.5	15.9	16.1	16.1	16.0	15.7	15.4	15.0	14.7	14.4	14.0	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.8	10.4	10.0	9.5	8.9	8.4	7.9	7.5	
St. Francis	do	..	20.0	22.1	23.3	23.4	23.2	22.6	21.8	21.1	20.4	20.0	19.6	19.4	19.3	19.3	19.3	19.1	18.3	18.4	18.1	17.9	17.9	18.3	18.5	18.5	18.2	17.7	17.2	14.3	13.1	12.0	
St. Francis L.L.	do	17	24.8	25.1	25.2	25.3	25.4	25.5	25.7	26.1	26.5	26.8	27.0	27.1	27.2	27.1	26.9	26.7	26.5	26.2	26.0	25.8	25.6	25.5	25.3	25.1	24.4	24.7	24.5	24.3	24.0	24.0	
Marked Tree	do	28	5.7	5.3	5.0	4.7	4.5	4.3	4.0	4.0	4.3	4.4	4.4	4.8	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.8	3.8	3.7	3.6	3.4	3.3	2.0	2.8	2.6	2.5	2.2	
Parkin	do	32	19.6	19.5	19.1	18.6	18.3	18.9	17.9	18.3	18.9	19.4	20.0	20.5	21.0	21.4	21.7	22.0	22.4	22.5	22.5	22.4	22.8	22.5	22.2	21.8	21.3	20.8	20.2	19.5	18.9	18.2	
Madison	do	42	23.4	23.4	23.4	23.3	23.3	23.3	23.5	23.9	24.4	24.8	25.2	25.5	25.8	26.0	26.2	26.5	26.8	27.0	27.1	27.1	27.4	27.5	22.3	27.0	26.7	26.4	25.9	25.3	24.7	24.0	
Helena	Mississippi	42	39.0	39.4	39.6	40.0	40.5	41.0	41.5	42.0	42.4	42.6	42.6	42.2	42.0	41.8	41.9	42.1	42.3	42.7	42.9	43.1	43.4	43.5	43.5	43.5	43.3	42.9	42.4	41.9	41.1	40.3	
Arkansas City	do		32.1	32.8	33.5	34.1	34.6	35.0	35.4	35.6	35.8	36.1	36.2	36.3	36.4	36.4	36.3	36.4	36.4	36.5	36.7	36.9	37.1	37.2	37.3	37.4	37.4	37.3	37.2	37.0	36.7	36.2	

T. **less than 0.01** inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. ddresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; utherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White ock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24 hours ending 7 a. m. *Included in next easurement.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitaion with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for he period to 1935, inclusive.

Precipitation for April, 1938



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLIII   Little Rock, Ark., May, 1938   No. 5

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The average temperature for the month, based on the reports of 69 stations, was 70.2°, which is 1.0° above the 48-year average. Monthly means ranged from 73.5° at Magnolia in Columbia County to 64.8° at White Rock station in Johnson County. The highest temperature during the month was 97°, recorded at Dumas on the 30th and 31st. The lowest temperature was 34°, recorded at Thornburg on the 9th. The greatest daily range was 44° at Harrison on the 21st.

The average rainfall for the 100 stations reporting was 4.62 inches, which is 0.36 inch below the 48-year average. Rainfall averaged above normal over the northern half of the State, below normal over most southern counties. The monthly amounts ranged from 0.87 inch at Arkansas City in the southeastern portion of the State to 15.27 inches at Eureka Springs in the northwestern portion. The greatest amount for 24 hours was 4.10 inches, recorded at Eureka Springs on the 29th. The average number of days with 0.01 inch or more rainfall was 9.

The cotton crop progressed normally in most portions of the State during the month. Cultivating and chopping were in progress in the northern portion and were about completed in some southern and central portions at the close of the month. Few squares were reported in some southern counties. Corn planting was about completed at the end of the first week. The corn crop made good progress during the month and was in good to excellent condition at the close of the month. The weather was favorable for nearly all other crops most of the month. Strawberries were picked and shipped during the first two weeks. The harvesting of wheat and oats and the marketing of potatoes were in progress during the latter part of the month.

Several destructive storms and floods were reported in the northern and western portions of the State during May. Five tornadoes occurred during the month, taking two lives and injuring twenty, with property losses estimated at $46,600. High winds caused damage to property estimated at $1,300. Heavy rain and hail caused considerable losses, especially at Eureka Springs. Flood stages were reached at several stations on the upper Arkansas River and upper White River. Flood losses were estimated at $88,700 in the Arkansas Basin, and $42,100 in the White Basin.

O.D.N.

Three persons were killed by lightning in May. One man died of heat prostration in No. Little Rock on the 31st. Heavy rain damaged roads and bridges in Washington Co. on the 22d; damage estimated at $5,000. Heavy rain and heavy hail at Eureka Springs and vicinity on the 29th caused damage to property estimated as follows: Crop losses, $100,000; railroad property $400,000, and other property losses, $500,000. The heavy rain and hail the size of walnuts damaged crops, roofs, windows and automobile tops. It covered an area of 50 square miles. Many buildings were damaged by high water. Twelve railroad trestles and 6 miles of track of the Missouri and Arkansas railroad were washed out between Eureka Springs and Beaver.

Corrections for March, 1938.—DeQueen, greatest precipitation in 24 hours: 1.81 inches on 9th. Fayetteville, number of days 0.01 or more precipitation should be 13. Ozark, date of lowest temperature should be 7th. One boy killed by lightning on the 28th.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog				1			1						3				1	1			2									2	
Light Hail												2									1	2	1					3	1		
Moderate Hail												1										1	2						1		
Thunderstorm	1			11		10	15				1	17	17		1	4	5	1	14		3	31	24		1	7	12	22	17		4

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.91	30.25	9	29.54	4	7.1	..	....		..	.	.	64
Fort Smith	29.92	30.27	9	29.55	4	7.4	30	sw	4†	80	55	54	51
Little Rock	29.92	30.22	9	29.58	4	8.3	30	w	29	81	57	54	73
Memphis	29.93	30.19	9	29.58	4	8.1	25	sw	23	77	58	55	66

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67.8	95	36	9.52	0.0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0.0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	68.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70.8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.64	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67.6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0.0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
Period	69.2	107	24	4.98	T.	8	13	10	8

Climatological Data for May, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	69.4	...	90	30	40	9	37	3.98	...	1.15	0.0	7	15	4	12	n.	L. R. Water Works
Amity	Clark	500	43	69.3	+ 0.6	91	30	43	9	34	4.83	−0.57	2.08	0.0	11	9^{a}	16^{a}	5^{a}	s.	J. W. Campbell
Arkadelphia	Clark	200	43	72.2	...	95	30	43	9	40	3.50	−1.63	1.11	0.0	7	10	17	4	s.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	54	...	...	...	...	...	...	...	0.87	−4.10	0.61	0.0	2	20	0	11	...	Herbert Neff
Batesville	Independence	277	39	70.2	+ 3.2	91	20†	41	9	37	4.23	...	1.48	0.0	13	6	16	9	s.	Airway Observer
Bee Branch	Van Buren	700	46	69.6	+ 1.3	93	30†	40	9	36	3.41	−1.65	0.85	0.0	10	8	19	4	s.	J. E. Scanlan
Benton	Saline	285	3	69.3	...	90	31	40	9	40	7.59	...	3.45	0.0	8	15	9	7	se.	S. A. Burks
Bentonville	Benton	1295	33	66.4	+ 1.4	88	30	39	8	31	7.96	+2.75	2.21	0.0	17	5	15	11	s.	U. S. Weather Bure
Big Lake Outlet. ‡‡	Mississippi	239	8	...	...	...	...	...	...	...	4.87	...	0.95	0.0	13	14	5	12	...	C. J. Brooks
Black Rock	Lawrence	259	37	...	...	...	...	...	...	...	4.78	+0.05	1.26	0.0	14	17	1	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	70.8	+ 0.6	92	21†	44	9	33	4.47	+0.55	1.41	0.0	14	15	10	6	s.	Samuel Norris
Booneville	Logan	465	24	70.1	+ 0.3	92	30	40	9	38	5.51	−0.17	1.33	0.0	12	10	15		s.	F. H. Randolph
Boughton ‡‡	Clark	235	3	...	...	...	...	...	...	...	3.07	...	0.78	0.0	6	17	1	13	...	Harry Buie
Brinkley	Monroe	205	51	71.4	+ 1.4	94	30	43	9	33	2.19	−3.20	1.28	0.0	8	12	12	7	se.	R. J Torry
Calico Rock	Izard	361	34	...	...	...	...	...	...	...	7.07	+2.42	1.85	0.0	10	14	2	15	...	William Jones
Camden	Ouachita	116	53	72.8	+ 2.0	93	30†	43	9	35	2.84	−1.88	0.83	0.0	7	1	9	21	s.	J M. Knight
Carthage	Dallas	297	33	71.0	+ 2.5	92	31	41	9	36	3.07	−1.61	1.55	0.0	4	9	20	2	s.	P. K. Wylie
Clarendon	Monroe	172	34	...	...	...	...	...	...	...	3.43	−1.13	1.10	0.0	7	11	11	9	sw.	R. M. Wheatley
Clinton	Van Buren	516	17	...	...	...	...	...	...	...	4.59	−0.24	1.33	0.0	10	8	14	9	s	A L. Stephens
Conway	Faulkner	309	55	71.4	+ 1.4	93	30	43	9	34	4.09	−0.97	1.55	0.0	9	15	10	6	s.	E. E Cordrey
Corning	Clay	293	45	69.4	+ 1.4	93	31	40	9	38	5.27	+0.54	2.52	0.0	12	14	10	7	se.	Winfred D. Polk
Cotter	Baxter	440	11	...	...	...	...	...	...	...	7.19	+2.30	2.00	0.0	9	17	3	11	...	O. B. McSpadden
Crossett (near)	Ashley	175	26	71.4	− 0.4	93	31	43	4	36	4.38	−0.27	1.79	0.0	6	19	6	6	s.	U. S. Forest Service
Danville	Yell	327	22	...	...	...	...	...	...	...	3.07	−2.72	0.77	0.0	13	11	10	10	...	J. M. Patterson
Dardanelle	Yell	330	52	71.8	+ 2.0	92	20†	42	9	36	4.72	−0.47	1.49	0.0	14	7	16	8	s.	Geo. N. Goodier
De Queen	Sevier	426	3	71.8^{f}	...	91^{f}	20	43^{f}	9	35^{f}	5.32	...	1.93	0.0	8	17	5	9	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	65.2	...	83	21	36	8	27	5.34	...	0.84	0.0	11	14	14	3	s.	U. S. Forest Service
Dumas	Desha	162	33	73.2	+ 2.0	97	30†	48	11	37	2.26	−1.21	1.82	0.0	4	6	20	5	s.	Ben Johnson
El Dorado	Union	270	38	73.4	+ 2.0	93	30†	45	9	31	1.92	−1.56	0.65	0.0	5	18	7	6	s.	Mrs. E. W. Gaston
England	Lonoke	229	32	71.0^{c}	+ 1.2	93^{c}	30	44^{c}	9	32^{c}	3.19	−1.30	1.41	0.0	6	16^{c}	6^{c}	6^{c}	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	38	66.6	+ 0.2	89	30	39	8	30	15.27	+9.68	4.10	0.0	16	13	12	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	51	66.8	+ 0.6	86	31	39	8†	31	8.44	+3.15	2.31	0.0	16	10	9	12	s.	University of Arkan
Fordyce	Dallas	190	10	73.4	...	93	2†	45	9	33	6.00	...	1.96	0.0	8	19	10	2	s.	M. G. Taylor
Fort Smith	Sebastian	448	14	70.8	+ 1.2	92	30	44	8	30	6.65	+1.83	2.32	0.0	14	5	18	8	e.	U. S. Weather Bure
Fulton	Hempstead	260	53	...	...	...	...	...	...	...	3.35	−1.30	1.15	0.0	7	13	7	11	...	T. J. Logan
Georgetown	Woodruff	200	26	...	...	...	...	...	...	...	2.49	−2.26	0.68	0.0	8	16	6	9	...	W. R. Putt
Gilbert	Searcy	600	13	67.2	...	90	22	37	9	32	6.86	+2.42	2.55	0.0	8	13	3	15	...	F. J. King
Glenwood	Pike	547	3	...	...	...	...	...	...	...	6.10	...	1.93	0.0	8	12	8	11	...	C. A. Price
Grannis	Polk	900	19	...	...	..	..	38	9	..	6.02	−0.41	1.58	0.0	11	10	13	8	se.	W. E. McVay
Gravette	Benton	1250	41	66.6	+ 1.2	89	30	36	9	34	6.19	+0.77	1.67	0.0	13	8	15	8	sw.	Max W. Schmidt
Green Mountain ‡‡	Stone	1100	2	67.1	...	88	21	42	8†	30	6.57	...	1.33	0.0	15	13	11	7	sw.	U. S. Forest Service
Harrison	Boone	1052	38	67.8	+ 2.0	91	20†	38	9	44	8.29	+3.08	2.09	0.0	15	18	7	6	sw.	Louis R. Keck
Helena	Phillips	300	66	71.0	+ 0.2	91	31	44	9	29	2.42	−2.27	1.32	0.0	7	11	11	9	se.	James A. Burnett
Higden	Cleburne	445	19	...	...	...	...	...	...	...	4.91	−0.41	1.50	0.0	10	14	12	5	s.	Austin E. Cartwrig
Highland	Pike	491	19	71.5	...	92	30	45	9	30	4.21	−0.91	1.20	0.0	7	11	13	7	sw.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	70.6	− 0.4	90	30	44	9	32	2.84	−2.36	0.75	0.0	7	..	..	..	...	Experiment Farm
Hot Springs	Garland	600	47	72.5	+ 2.7	95	29†	42	9	40	5.85	−0.16	1.81	0.0	9	11	15	5	s	National Park Serv
Index ‡‡	Little River	275	21	...	...	...	...	...	...	...	2.44	−1.98	0.85	0.0	7	17	0	14	...	W. E. McDowell
Jessieville	Garland	750	12	...	...	...	...	...	...	...	2.78	−3.26	1.38	0.0	4	5	17	9	sw.	U. S. Forest Service
Jonesboro	Craighead	345	43	69.9	+ 0.4	92	31	43	9	33	4.57	+0.38	1.32	0.0	13	7	10	14	sw.	Benedictine Sisters
Judsonia	White	...	2	...	...	...	...	...	...	...	4.24	...	1.46	0.0	8	14	7	10	...	T. H. Beals
Lead Hill	Boone	650	32	66.3	− 1.1	89	20	35	9	40	11.25	+6.42	2.50	0.0	13	14	10	7	w.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	59	71.0	+ 0.7	90	30	48	9	27	3.42	−1.36	1.42	0.0	9	10	9	12	s.	U. S. Weather Bur
Little Rock Airway	Pulaski	257	2	72.4	...	94	31	45	9	38	2.85	...	1.10	0.0	6	8	13	10	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	39	69.0	+ 1.0	90	21	42	9	32	7.25	+1.98	3.07	0.0	12	14	11	6	se.	H. G. Lenhardt
Madison	St. Francis	209	8	...	...	...	...	...	...	...	4.20	...	1.38	0.0	6	9	5	17	...	J. W. Eppes
Magnolia	Columbia	315	22	73.5^{a}	+ 2.1	96^{a}	29	46^{a}	8†	39^{a}	4.01	−0.46	2.70	0.0	4	3^{a}	24^{a}	3^{a}	s.	State Agri. School
Mammoth Spring	Fulton	600	34	67.8	+ 1.8	90	20†	36	9	39	5.54	+0.95	1.60	0.0	10	11	14	6	sw.	Paul Morton
Marianna	Lee	235	27	72.2	+ 2.0	92	31	47	8†	31	1.94	−2.34	1.05	0.0	5	4	27	0	s.	C. N. Houck
Marked Tree	Poinsett	229	34	70.1	+ 1.1	91	31	45	9	31	7.20	+2.50	1.81	0.0	11	8	21	2	n.	Charles Walton
Mena	Polk	1207	50	69.6	+ 1.0	90	20†	39	9	37	5.92	−0.32	1.16	0.0	14	9	8	14	sw.	E. W. St. John
Monticello Airway	Drew	273	2	72.9	...	92	30†	52	9	26	2.11	...	1.20	0.0	4	15	8	8	sw.	Airway Observer
Monticello	Drew	273	3	...	...	...	...	...	...	...	2.38	...	1.70	...	4	..	..	..	...	Soil Conservation
Montongo	Drew	...	3	...	...	...	...	...	...	...	2.21	...	1.60	...	4	..	..	..	...	Soil Conservation
Morrilton	Conway	315	19	71.0	+ 2.0	90	20	45	9	36	3.11	−1.80	0.90	0.0	12	4	23	4	s.	Mrs. Freda M. Ashc
Mountainburg (nea	Crawford	2010	1	...	...	...	...	...	...	...	5.23	...	1.60	0.0	14	11	13	7	se.	C. A. Lovell
Mountain Home	Baxter	800	26	67.8	+ 1.6	91	21	38	9	39	9.51	+4.50	2.60	0.0	11	15	6	10	s.	B. S. Halbert
Mount Ida	Montgomery	702	39	66.4	− 1.6	89	20	35	9	43	5.62	−0.31	1.77	0.0	7	7	12	12	sw.	G. A. Whittington
Newport	Jackson	231	55	70.4	+ 0.6	91	31	43	9	34	5.43	+1.07	1.85	0.0	11	15	9	7	n.	J. D. Henderson
Norman	Montgomery	687	10	...	...	...	...	...	...	...	1.29	...	0.98	0.0	3	8	6	17	...	U. S. Forest Servic
Oden	Montgomery	800	11	69.8	...	90	20†	44	9	34	6.63	...	1.49	0.0	11	13	11	7	s.	U. S. Forest Servi
Okay	Howard	288	10	72.6	...	92	30	45	11	35	2.83	...	1.02	0.0	6	11	15	5	s.	Charles R. Jackson
Ozark	Franklin	396	43	69.9	+ 0.8	90	18	43	9	34	5.47	+0.68	2.15	0.0	13	13	5	13	se.	Orkney O. Milton
Parkin	Cross	222	8	...	...	...	...	...	...	...	4.47	...	1.54	0.0	5	10	6	15	...	Carroll King
Pine Bluff	Jefferson	215	51	71.5	+ 0.1	90	30†	48	9	29	5.84	+1.17	2.65	0.0	6	14	14	3	sw.	Miss Theresa Sche
Pine Ridge	Montgomery	840	14	...	...	...	...	...	...	...	6.12	+0.85	1.46	0.0	7	10	14	7	sw.	J R. Huddleston
Pocahontas	Randolph	300	45	69.0	+ 0.7	92	21	41	9	36	5.78	+0.85	1.95	0.0	12	6	7	18	ne.	Benedictine Sisters
Portland	Ashley	122	32	72.2	+ 0.6	94	28	43	9	36	0.92	−4.43	0.38	0.0	5	11	15	5	sw.	W E. Edmiston
Prescott	Nevada	318	50	73.1	+ 2.7	94	31	45	9	32	3.12	−1.93	0.78	0.0	10	12	11	8	s.	Craig Williams
Rock Springs ‡‡	Drew	...	3	...	...	...	...	...	...	...	2.22	...	1.95	...	3	..	..	..	...	Soil Conservation
Rogers (near) ‡‡	Benton	1300	48	66.9	+ 1.1	89	30	38	9	36	8.91	+3.85	1.93	0.0	12	9	13	9	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	...	...	...	...	...	...	...	3.18	...	1.35	0.0	7	10	15	6	sw.	G. A. Maddox
Russellville [Evap]	Pope	526	26	70.5	+ 0.9	92	30	42	9	34	4.04	−1.55	1.20	0.0	13	20	0	11	sw.	U. S. Forest Servic
St. Charles	Arkansas	175	5	73.0	...	94	30	50	11	33	2.28	...	1.32	0.0	4	18	5	8	s.	U. S. Biological Su
St. Francis	Clay	290	11	...	...	...	...	...	...	...	4.48	+0.53	1.26	0.0	13	22	2	7	...	A Boyce Boyd, Jr
Searcy	White	245	28	70.8	+ 2.3	92	31	44	9	32	4.59	+0.15	1.70	0.0	13	17	5	9	sw.	Walter Smith
Springbank ‡‡	Miller	240	29	...	...	...	...	...	...	...	2.90	−1.63	0.80	0.0	8	12^{d}	2^{d}	13^{d}	...	Henry Field
Story	Montgomery	650	14	...	...	...	...	...	...	...	3.93	−1.14	1.48	0.0	8	17	7	7	s.	S. C. Story
Stuttgart	Arkansas	214	51	71.4	+ 1.5	93	30†	48	15	33	2.92	−1.93	1.40	0.0	5	19	7	5	sw.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	3	71.0	+ 1.1	92	31	44	9	35	2.15	...	1.08	0.0	6	..	..	..	...	Rice Experiment S
Subiaco	Logan	750	41	71.2	+ 1.3	92	18†	44	9	33	4.44	−0.83	1.72	0.0	12	11	14	6	se.	New Subiaco Abbe
Texarkana	Miller	332	53	73.4	+ 2.0	92	20†	44	9	33	2.65	−1.95	0.78	0.0	5	20	8	3	...	H. S. Brashear
Thornburg	Perry	650	18	68.4	+ 1.0	90	20†	34	9	41	3.25	−2.49	0.79	0.0	9	12	11	8	s.	Edward E. Holme
Turnpike ‡‡	Pope	2240	14	64.9	...	82	21†	38	8	27	7.92	+2.20	2.77	0.0	11	10	14	7	sw.	U. S. Forest Servi
Waldron	Scott	675	19	...	...	...	...	...	...	...	4.21	−1.79	1.43	0.0	11	5	6	20	sw.	E. B. Shadoan
Warren	Bradley	206	44	72.8	+ 1.4	93	30†	44	9	34	1.78	−2.92	1.27	0.0	4	13	4	14	sw.	C. N. Turner
Whitecliffs	Little River	290	32	...	...	...	...	...	...	...	2.35	−2.03	0.85	0.0	4	17	6	8	...	L. M. Snead
White Rock ‡‡	Franklin	2285	2	64.8	...	82	30	35	8	26	7.68	...	2.40	0.0	14	7	18	6	s.	U. S. Forest Servi
Wilson	Mississippi	237	13	69.6	+ 0.2	89	31	44	9	31	5.55	+0.55	2.35	0.0	8	21	1	9	s.	D. O. Anderson
Wynne	Cross	250	30	70.6	+ 1.3	92	31	42	9	33	3.83	−0.89	1.30	0.0	9	14	11	6	s.	B. M. Eddins
Yancopin	Desha	167		...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	W. E. Barton
State Means				70.2	+ 1.0	97	30†	34	9	44	4.62	−0.36	4.10	0.0	9	12	10	9	s.	

Daily Precipitation for May, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita				.25			.57					T.	.67	T.			.87		.07			.40	1.15					T.				3.98
Amity	Ouachita					.10		.36	.13			T.		.31	1.02			.10	.31				.19	2.08				.18	.05				4.83
Arkadelphia	Ouachita								.37					.14	1.11			.33	.84					.67					.04				3.50
Arkansas City	Mississippi														.61			T.	.26		T.												0.87
Batesville Airway	White				.05			.10	T.			.04	.06	1.48			.27	.10		T.	.24		1.39	.41			.02		.02	.05			4.23
Bee Branch	Arkansas				.05		.30	.40					.10	.80				.06			.05		.70	.85						.10			3.41
Benton	Saline				.30			.46					.07	.62	T.			1.46					3.45	1.13						.10			7.59
Bentonville ***	Arkansas				.03		.27	1.03					.21	.51	.02	.15	.13	T.		.85		.05	1.45	.28		T.	.36	.26	.08	2.21		.07	7.96
Big Lake Outlet	St. Francis	.16				.37			.04	.03			T.	.29	.81				95			.04	.76	.76	T.			.11		.42	.13		4.87
Black Rock	White	.28				.37		T.	T.				.12	1.26	.56		.12	.06	.30		.05		.32	.58	05			T.		.64	.07		4.78
Blytheville	St Francis					.59			.03				.01	.20	.81		.01	.01	1.41				.14	.40	.02			.24	T.	.21	.39		4.47
Booneville	Arkansas				.08		.14	.87					.07	1.27				.08		.30			.80	1.33		T.		.28	.02	.27			5.51
Boughton	Ouachita								.55					.11	.43			.78	.77					.43									3.07
Brinkley	White				.01			.16				T.	T.	.44	T.			1.28		.05	.02		.04	.19									2.19
Calico Rock	White					.75		.07	T.					1.85	.62		.30		.15		.46			1.70				.18		.99			7.07
Camden	Ouachita					.23			.81					.08	.03			.83	.67					.19									2.84
Carthage	Arkansas							.42					T.	.80				1.55					T	.30									3.07
Clarendon	White					.15		.09	T.					.86	.35	T.		.65	1.10					.23						T.			3.43
Clinton	White				.62			.39				.07	.07	.45				.07		.20			1.04	1.33						.35			4.59
Conway	Arkansas				.11			.51						.57				.38			.03		.44	1.55					.29	.21			4.09
Corning	White												.19	.45	.16		.02	.02	.12		.24		2.52	.92				.03	.01	.59			5.27
Cotter	White					.25		.25						2.00	.68		.48		.15					1.75					.41	1.22			7.19
Crossett [near]	Ouachita				T.			1.48						1.79	.10			.79	.10					.12									4.38
Danville	Arkansas					.15	.26	.36	.23					.12	.77			.06	.02		.12			.76				T.	.02	.12	.08		3.07
Dardanelle	Arkansas					.27	.24	.28	.12					.05	.61			.24	.02		.29			1.49				.16	.19	.71	.05		4.72
De Queen	Red				.06			.95					T.	.43				.26		.03			.18	1.93				1.48					5.32
Devils Knob	Arkansas				.65		.05	.80					.10	.46			.09	.29	T.	.57			.80	.84					T.	.69			5.34
Dumas	Mississippi				T.			T.					T.	.16	T.			1.82					T.	.20				.08					2.26
El Dorado	Ouachita					T.			.65						.05			.17	.46					.59	T.								1.92
England	Arkansas				.11			.12						.56				1.41					.23	.76									3.19
Eureka Springs	White				.20		.16	1.63	.03				.67	2.40	.02		.37	.08		1.25			.22	2.83			.35	.31	.65	4.10			15.27
Fayetteville	White				.21		.04	1.97	.04				.13	1.16	.01		.28	.12		.96			.30	2.31		T.	.02	.53	.13	.23	T.	T.	8.44
Fordyce	Ouachita				.40			.60			.02		.10	1.22				1.96					.10	1.60									6.00
Fort Smith ***	Arkansas				.03		05	1.87	T.				.40	.14	T	T.	.04	.22		.84			2.29	.03		T	T.	.45	.05	.01		.23	6.65
Fulton	Red					.03		1.15	.30			T.			.29			.20	.80			T.		.58					T.				3.35
Georgetown	White							.35						.40	.30			.24	.42					.68						.07	.03		2.49
Gilbert	White	T.				.63		.26						1.95							.88			2.55				.13	.19	.27			6.86
Glenwood	Ouachita						.57						.75	.40			.20	.23				1.93	1.40				.62						6.10
Grannis	Red			T.	.10			97	.03		.04		.34	1.27	T.			.31		.08			.32	1.58				.98	T.				6.02
Gravette	Arkansas					.27		1.67					18	.46	.04		.28				.90		.14	1.14	.25		.23	.32		.81			6.19
Green Mountain	White				.80			.15	.04			T.	.45	1.33	.14		.43	.17		.41	.04		.89	1.27			07		.08	.30			6.57
Harrison	White				.82		.03	1.10	.07				.10	2 09	.03		.37	.05		.52			.83	2.05			.05		.13	.05			8.29
Helena	Mississippi					.01									.34			.04	1.32					.05	.63					.03			2.42
Higden	White							.36				.07	.05	1.50	T.		T.	.35		.18			.89	.90					.41	.20			4.91
Highland	Ouachita							.40					.10	1.20				.76					.35	.66				.75					4.21
Hope [Evap]	Red				T.			.55	.42					.06	.09			.27	.70					.75									2.84
Hot Springs	Ouachita				.13		T.	.70	.02				.06	.75				1.00					1.81	1.35				T.		.03			5.85
Index	Red					.05		.60	.15									.60	.14					.85				.05					2.44
Jessieville	Ouachita				.30			.55					T.	.55				T.					T.	1.38									2.78
Jonesboro	White	.16				.14			.03					1.32	.66		.05	.03	.22				T.	1.07	.01					.13	.42	.33	4.57
Judsonia	White					.19		.29						.71	1.46				.52					.72						.24	.11		4.24
Lead Hill	White				.65		T	1.41					1.03	2.50			.77	.10		.50		.45	.94	2.07			T.	.04	.60	.19			11.25
Little Rock ***	Arkansas				.01		.16	.29					T	.42	T.			1.06		T.			.27	1.15			T.		.02	.04			3.42
LittleRock Airway	Arkansas				T			.26	T.				T.	.42	T.			.78					.20	1.10			T		T	.09			2.85
Lutherville	Arkansas				.37		.04	.43					.05	.47				.16		.34			1.10	3.07				.02	.55	.65			7.25
Madison	St. Francis	T.				.40								.70	1.38		T.	T	1.35		.12			T.				T.	T.	.25			4.20
Magnolia	Red				T.			2.70						.05				1.10						.16									4.01
Mammoth Spg	White				T.			.10					T.	1.30	.42		.05		.20		.18		.25	1.60	T.			T		1.40	.04		5.54
Marianna	St. Francis							.15						.65				1.05						.05						.04			1.94
Marked Tree	St. Francis					.16							.17	1.12	.85		T.	.13	1.41					1.81	.06					.19	1.14	.16	7.20
Mena	Ouachita			T.	.09	.06		.99	.04					.67	.67			.20	.06		.46	T.	.19	1.16			T.	.90	.41	.02			5.92
Monticello Airway	Ouachita							.20						.55				1.20						.16									2.11
Monticello ***	Ouachita						.05							.50				1.70					T.	.13									2.38
Montongo	Ouachita						T.							.35				1.60					.20	.06									2.21
Morrilton	Arkansas					.04	.20	.27	.29					.04	.48			.11	.16		T.			.90					.06	.49	.07		3.11
Mountainburg	Arkansas				.17		.07	.93	T.				.10	.77	T.	T.	.10	.47		.09			T.	1.60		.02	.06	.36	.31	.18			5.23
Mountain Home	White				1.65			.05					.55	2.60			.58	.20	T.	.30			.65	1.25			.08		1.60				9.51
Mount Ida	Ouachita				.32			1.09					.15	.61									1.77	.88				.80					5.62
Newport	White					.91		.17	.03				.01	1.08	.82		.13	.08	.20					1.85						.15			5.43
Norman	Ouachita							.98							.16			.15															1.29
Oden	Ouachita					.33		.74			T.		.14	1.14	.14			1.25		.02		T.	.01	1.36				1.49		.01			6.63
Okay	Red				T.			.84			.01		T.	.40				1.02						.36				.20					2.83
Ozark	Arkansas				T.	.15	.05	.45					.05	.10				.18	.41		.46			2.15				.10	.11	1.17	.09		5.47
Parkin	St. Francis					.55								.72	1.54			T.	1.23					.43									4.47
Pine Bluff	Arkansas							.20	.10						.79	T.		1.33	.77					2.65									5.84
Pine Ridge	Ouachita				.76			.98						1.46						.11			.98	.97				.86					6.12
Plantersville	White						T.							.16				1.65					.05	T									1.86
Pocahontas	White				.03			.05					.20	1.60			.03	.27	.03		.10		.30	.30			.87			1.95			5.73
Portland	Ouachita							.10							.38			.05	.37						.02								0.92
Prescott	Ouachita					.02		.41	.42					.13	.44			.31	.78					.58	.02			.01					3.12
Rock Springs	Ouachita						T.							.20				1.95					.07	T.									2.22
Rogers (near)	White							1.93					.24	.78	.03		.27	.04		.83			.68	1.93				.70	.09	1.39			8.91
Rosebud	Arkansas						.25	.35					.08	.44				.65					1 35							.06			3.18
Russellville	Arkansas				.27		.14	.33					.04		45			.34			.07		.25	1.20				.02	.20	.71	.02		4.04
St. Charles	White													.75				1.32					.04	.17						T.			2.28
St. Francis	St. Francis					.12							.33	.48	.26			.15	.21	.08	.42		1.26	.68				.05	T.	.32			4.48
Searcy	White					.04	.03	.43	.07					.64	1.70	T.		.24	.26			.04		.92	T.				.03	.09	.10		4.59
Springbank	Red				T.	T.			.80			.10		.10	.05	.22		.80	.50			T.		.33					T				2.90
Story	Ouachita				.12			.64					.12	.66				.17					1.48					.62		.12			3.93
Stuttgart	Arkansas							.11							.96			.30	1.40					.15									2.92
Stuttgart [Evap]	Arkansas					T.		.12	T.						.44			.25	1.08					.18	.08								2.15
Subiaco	Arkansas				.19		.10		T.				74	.29	.01			.05		.15			.52	1.72			T.	.08	.04	.55			4.44
Texarkana	Red							.77	.13					T.				.30	.78					.67				T.					2.65
Thornburg	Arkansas				.19		.08	.79					T.	.69	T.			.22	T.	T			.47	.33			T.	.02		.46			3.25
Turnpike	Arkansas				.65		.43	.29					.02	.20				.19		.77			1.82	2.77					.13	.65			7.92
Waldron	Arkansas				.09		.19	.80					.07	1.43				.08		.48			.70	.02		T.		.30	.05				4.21
Warren	Ouachita							.21						.20				1.27						.10									1.78
Whitecliffs	Red				T.			.55										.70						.85				.25					2.35
White Rock	Arkansas				.56		.04	.76					.05	.51			.11	.54		.64			.07	2.40		T.	.03	.36	.13	1.48			7.68
Wilson	Mississippi					.20							.12	2.35					.75					.80	.08					.30	.95		5.55
Wynne	St. Francis				.46			.05					.75	1.30				.08	1.00				.03	.06					.10				3.83
Yancopin	Arkansas																																..

Daily temperatures for May, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	88	88	88	86	80	82	78	77	77	80	79	75	70	70	80	77	76	87	85	88	88	84	77	75	81	85	82	87	88	90	88	81.
	Minimum	60	60	61	58	52	62	55	45	40	55	51	51	55	56	46	55	68	69	61	62	67	63	58	50	47	58	61	58	59	62	62	57.
Amity §§	Maximum	87	82	80	81	80	85	77	67	75	70	81	77	75	69	81	82	78	87	86	90	85	77	79	78	82	86	77	88	87	91	90	81.
	Minimum	62	64	64	65	55	56	61	47	43	49	50	50	58	56	47	51	60	65	72	71	69	68	62	51	50	57	60	58	61	65	67	58.
Arkadelphia §§	Maximum	89	86	85	87	85	91	82	82	83	81	84	83	83	83	85	85	83	90	89	90	89	83	82	83	86	89	83	81	90	95	92	85.
	Minimum	63	63	62	66	52	56	62	49	43	44	47	50	55	56	46	55	61	66	70	72	68	69	63	52	51	55	60	60	63	66	67	58.
Batesville	Maximum	88	85	84	81	78	84	78	73	78	74	81	78	67	75	81	78	74	86	87	91	91	84	81	76	76	82	84	87	90	88	91	81.
	Minimum	60	67	66	67	55	54	64	48	41	47	48	54	52	57	49	57	61	70	69	64	70	63	62	49	48	56	60	63	64	68	68	58.
Bee Branch	Maximum	85	83	81	79	80	78	78	73	76	75	80	81	68	73	79	79	74	86	84	88	88	85	76	79	81	85	80	84	86	93	93	81.
	Minimum	63	65	64	65	50	53	60	50	40	50	48	54	52	56	50	60	62	70	69	66	65	65	61	48	49	60	52	58	64	69	67	58.
Benton	Maximum	86	83	81	84	78	86	80	68	77	70	86	76	72	70	81	80	77	88	87	87	87	80	80	76	81	85	81	88	86	89	90	81.
	Minimum	59	62	61	64	49	53	61	49	40	49	46	48	59	52	44	54	61	71	67	70	67	64	62	48	48	58	59	58	65	62	65	57.
Bentonville ***	Maximum	84	80	79	75	72	79	69	62	71	72	76	75	63	70	77	76	79	86	77	86	86	71	68	72	75	77	79	84	84	88	85	76.
	Minimum	62	68	68	53	46	48	46	39	42	47	49	55	52	54	48	57	66	71	62	64	66	62	52	45	50	58	59	59	61	65	64	56.
Blytheville	Maximum	85	87	86	84	77	83	83	75	77	73	79	72	66	73	80	78	71	85	88	88	92	83	83	75	84	87	88	88	88	88	92	81.
	Minimum	62	65	63	65	57	54	65	56	44	47	48	51	52	58	52	61	62	69	67	70	69	65	63	53	51	59	62	61	63	66	68	59.
Booneville	Maximum	86	84	81	82	77	84	78	68	78	74	83	79	69	69	79	83	84	89	85	91	89	84	74	76	83	84	81	87	90	92	87	81.
	Minimum	56	67	67	66	49	56	60	45	40	51	47	54	57	54	45	62	65	71	69	66	65	65	63	48	51	59	62	58	65	65	67	58.
Brinkley	Maximum	89	85	84	82	78	85	80	73	76	73	82	79	70	73	82	84	79	88	88	88	89	85	82	76	82	85	85	90	90	94	93	82.
	Minimum	65	65	63	64	57	54	63	57	43	49	50	53	57	58	49	60	61	69	68	72	70	67	64	51	49	58	60	58	69	69	67	60.
Camden	Maximum	89	87	87	84	81	88	86	75	76	77	80	82	82	80	84	84	84	88	89	88	89	89	91	81	82	88	87	90	91	93	93	85.
	Minimum	67	63	64	64	56	54	60	54	43	52	48	53	60	58	49	53	65	72	70	73	70	71	66	54	51	59	57	60	66	67	67	60.
Carthage	Maximum	88	84	84	83	83	88	77	73	76	78	82	80	75	74	80	82	78	88	89	86	87	85	82	77	81	84	87	91	90	91	92	83.
	Minimum	59	65	61	64	54	52	62	52	41	48	50	59	59	60	47	57	62	71	70	74	67	67	64	50	49	54	59	59	65	63	66	59.
Conway	Maximum	89	86	85	82	78	84	82	71	77	74	83	76	70	74	82	81	76	90	88	92	91	81	79	77	81	85	85	88	89	93	91	82.
	Minimum	66	67	64	65	55	57	62	51	43	53	52	55	56	57	49	61	63	72	70	70	69	66	63	49	50	62	60	60	66	68	68	60.
Corning	Maximum	83	86	82	83	78	85	78	78	78	76	79	66	60	74	82	70	70	88	89	91	90	79	82	76	82	85	87	88	88	88	93	81.
	Minimum	62	65	65	62	54	50	62	53	40	44	46	51	49	55	47	59	59	68	67	64	69	62	63	50	49	57	61	61	61	65	67	57.
Crossett	Maximum	86	85	83	81	81	84	79	75	75	73	82	83	76	83	81	85	80	91	92	90	89	88	85	80	83	87	89	91	90	92	93	84.
	Minimum	60	60	56	63	54	58	60	59	43	47	46	49	57	58	50	50	63	68	66	70	67	69	70	55	50	54	57	67	63	65	64	58.
Dardanelle	Maximum	89	86	83	82	76	84	83	74	78	76	82	79	74	75	81	82	80	90	87	92	91	87	78	78	80	86	82	89	89	92	91	83.
	Minimum	65	66	67	66	53	57	61	47	42	54	51	55	56	56	48	64	65	75	68	67	70	67	62	51	52	64	63	62	65	67	69	60
De Queen	Maximum	84	83	81	81	80	86	82	71	78	72	78	79	83	76	82	83	84	88	84	91	88	87	..	..	..	..	..	..	88	89	89	82.
	Minimum	60	65	64	68	53	60	62	47	43	54	48	54	62	55	48	60	67	71	72	71	68	68	..	..	..	..	..	..	67	65	68	60.
Devils Knob	Maximum	80	78	75	73	72	75	69	62	71	70	73	68	62	69	74	72	71	81	76	81	83	75	66	71	70	77	74	78	80	82	81	73.
	Minimum	62	61	60	60	45	53	53	36	47	50	52	55	52	52	50	56	59	67	62	63	66	61	56	46	51	61	67	61	59	62	67	56.
Dumas	Maximum	90	87	88	84	85	90	78	74	74	73	85	81	76	76	81	86	82	92	91	90	91	84	85	78	87	90	89	94	92	97	97	85.
	Minimum	64	65	62	64	58	56	68	55	50	50	48	52	58	60	56	54	64	70	69	69	70	70	70	54	52	54	59	64	69	68	69	61.
El Dorado	Maximum	87	87	85	85	82	89	82	73	76	71	81	81	78	83	83	82	83	89	89	88	90	89	83	79	83	82	88	92	91	93	93	84.
	Minimum	65	65	63	70	57	58	67	57	45	54	52	52	64	60	60	56	66	72	71	73	70	74	66	55	52	59	62	66	69	69	69	62.
England	Maximum	87	83	80	79	76	86	81	..	73	73	82	73	72	67	..	82	79	87	87	81	89	81	78	75	81	87	80	90	..	93	92	81
	Minimum	68	66	63	64	55	55	64	..	44	51	51	54	60	58	..	50	63	72	69	72	70	65	63	52	52	61	63	61	..	67	70	60.
Eureka Springs	Maximum	85	81	81	75	72	75	71	63	72	72	76	72	68	70	77	75	76	84	79	84	85	80	68	72	75	76	78	82	63	89	84	76.
	Minimum	63	65	64	63	45	51	55	39	43	46	52	54	50	52	49	55	62	68	61	65	68	62	58	43	51	59	60	60	53	63	66	56.
Fayetteville	Maximum	82	79	79	75	73	79	75	64	70	72	75	74	69	69	76	76	77	84	82	84	85	83	69	72	72	78	73	81	82	84	86	76.
	Minimum	63	66	67	63	45	51	56	39	39	47	50	55	57	54	45	57	63	69	61	64	65	64	58	44	49	58	59	60	60	64	68	56.
Fordyce	Maximum	89	93	84	81	81	87	85	78	78	78	82	87	82	76	80	89	88	91	89	89	90	87	84	79	83	87	86	91	91	93	93	85.
	Minimum	66	64	63	67	57	57	63	54	45	55	52	56	59	59	52	60	65	71	70	71	67	68	65	55	54	62	62	63	66	68	67	61.
Fort Smith***	Maximum	87	85	82	80	78	85	74	66	73	70	78	76	66	74	80	83	84	89	82	89	90	80	73	75	79	83	74	86	86	92	90	80.
	Minimum	66	70	70	57	51	58	52	44	46	55	53	59	60	58	50	63	65	72	70	69	69	71	64	54	56	63	64	63	68	69	69	61
Gilbert	Maximum	88	80	84	81	80	75	81	76	68	75	73	78	79	76	73	79	77	77	87	84	88	90	74	77	70	77	80	81	86	86	80	79.
	Minimum	60	58	68	67	50	50	52	44	37	45	43	52	52	46	44	57	61	65	64	59	60	66	60	45	45	48	55	57	63	66	64	54.
Grannis	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	56	61	61	65	45	53	59	42	38	48	43	47	57	50	43	54	64	70	66	66	63	66	60	47	47	57	59	53	62	60	63	55
Gravette§§	Maximum	85	80	80	75	75	78	70	61	70	75	79	79	64	70	79	77	81	86	77	86	87	73	68	74	76	79	82	84	85	89	86	77
	Minimum	62	66	65	66	42	48	55	38	36	44	48	54	53	52	42	56	56	65	66	61	66	63	60	41	49	57	58	59	64	64	66	55
Green Mountain	Maximum	83	80	77	75	74	76	74	72	72	68	76	74	67	70	77	73	72	85	83	86	88	82	75	71	76	76	78	82	83	82	86	77
	Minimum	62	64	64	62	48	55	57	42	42	49	52	52	48	52	49	54	61	67	62	63	68	62	58	48	54	60	63	58	58	66	67	57
Harrison	Maximum	88	87	84	84	75	73	80	66	74	73	80	77	74	71	79	78	77	89	85	91	91	90	77	76	80	79	83	87	86	87	89	81
	Minimum	62	65	65	62	49	63	57	41	38	45	46	54	50	53	46	46	61	68	65	63	47	49	45	46	47	55	58	58	57	66	67	54
Helena	Maximum	87	83	83	83	75	84	80	76	73	70	78	79	71	69	77	82	77	85	85	84	88	81	81	75	79	83	85	87	87	90	91	80
	Minimum	66	67	64	67	58	57	65	60	44	47	49	55	56	59	49	60	61	69	70	72	70	69	66	52	54	57	65	63	68	68	69	61
Highland	Maximum	88	86	84	84	79	85	84	72	72	75	77	79	76	76	80	85	85	89	90	90	86	79	82	75	83	84	82	87	89	92	87	82
	Minimum	66	64	63	65	51	57	60	46	45	55	51	56	59	56	54	57	56	72	72	71	69	69	63	52	53	60	60	60	68	77	66	60
Hope §§	Maximum	82	84	79	78	79	86	73	67	72	68	75	81	77	78	81	79	82	87	87	84	88	83	76	75	82	88	77	86	89	90	90	80
	Minimum	66	64	64	67	55	54	61	49	44	53	51	55	62	54	50	55	63	67	72	73	71	71	64	54	50	57	65	59	66	68	68	60
Hot Springs	Maximum	90	88	84	87	84	90	80	72	82	77	82	83	78	76	85	84	81	92	89	93	91	81	79	84	87	91	82	94	95	95	95	85
	Minimum	63	65	64	65	55	57	60	48	42	52	50	54	60	58	46	55	65	74	70	70	71	64	62	48	50	57	62	59	66	65	68	59
Jonesboro	Maximum	85	85	84	81	77	83	80	75	76	73	79	73	64	74	79	77	72	86	87	88	91	81	81	74	82	83	86	86	89	85	92	80
	Minimum	63	65	64	63	55	52	65	51	43	48	50	54	50	56	51	59	60	68	66	71	69	64	63	51	50	57	63	61	61	66	66	58
Lead Hill	Maximum	86	86	82	80	76	76	76	70	75	77	79	75	66	71	78	72	75	87	83	89	88	78	74	76	78	79	82	85	85	85	88	79
	Minimum	60	57	55	60	49	47	57	42	35	40	42	53	50	52	42	55	55	61	62	56	59	63	59	42	44	52	55	56	62	65	65	53
Little Rock.***	Maximum	87	83	82	80	76	84	76	67	74	70	79	74	70	70	80	80	74	87	85	86	86	78	79	74	78	84	80	88	86	90	89	79
	Minimum	69	66	64	66	55	60	62	51	48	57	54	57	58	56	53	63	65	71	70	73	70	65	61	55	56	64	63	62	69	69	70	62
Little Rock [Airway]	Maximum	90	85	88	84	81	89	82	75	79	73	83	80	77	73	87	81	75	90	88	90	90	82	86	79	82	90	88	91	89	92	94	84
	Minimum	67	66	64	66	55	57	62	50	45	48	50	52	58	58	49	60	63	72	70	72	70	65	63	55	51	60	61	60	68	66	68	60
Lutherville	Maximum	86	83	81	80	75	79	75	70	74	72	78	72	68	73	79	78	77	89	86	87	90	79	73	76	78	82	79	85	84	89	86	79
	Minimum	63	65	65	61	48	54	58	43	42	50	50	54	55	60	47	62	63	70	66	66	67	64	62	46	51	60	62	60	63	66	70	58
Magnolia	Maximum	92	87	95	89	85	91	94	85	75	84	80	81	88	80	82	84	88	..	93	93	90	90	88	79	83	87	87	90	96	92	93	87
	Minimum	65	63	65	69	55	56	61	46	46	47	49	56	63	58	50	56	65	..	69	72	69	72	58	54	53	58	61	62	69	67	67	60
Mammoth Spring	Maximum	82	84	82	79	77	80	80	76	75	78	78	70	63	71	79	77	70	87	85	90	88	82	80	74	78	82	83	86	85	85	90	79
	Minimum	65	61	62	62	52	48	62	45	36	40	45	51	48	55	46	56	56	67	64	61	64	62	61	45	46	54	58	59	63	65	65	55
Marianna	Maximum	87	87	82	82	77	84	83	78	78	72	80	79	71	73	81	81	79	86	86	86	89	85	84	77	82	85	85	89	90	90	92	82
	Minimum	67	67	65	76	60	58	65	47	47	51	51	56	59	63	52	52	63	70	70	74	71	66	66	56	53	59	63	64	67	67	70	61
Marked Tree§§	Maximum	86	86	84	82	76	84	81	70	76	71	77	78	66	72	78	79	74	85	87	87	90	87	82	75	81	83	86	87	87	84	91	81
	Minimum	60	66	63	63	57	53	64	55	45	50	50	51	53	54	52	55	59	61	68	72	69	68	63	52	52	60	63	61	61	67	67	59
Mena	Maximum	85	84	82	79	82	85	77	66	76	70	80	77	69	72	82	80	83	87	82	90	88	82	75	77	82	86	76	86	86	90	88	80
	Minimum	64	64	64	66	52	58	59	42	39	51	47	55	57	52	46	60	65	71	66	69	69	66	61	48	49	57	59	55	67	63	68	58
Monticello	Maximum	82	86	82	80	76	86	79	72	68	67	80	75	72	78	78	78	77	85	88	86	85	87	80	74	80	80	83	90	88	92	92	80
	Minimum	62	64	62	59	62	64	69	62	52	56	56	62	64	64	58	64	65	65	74	74	74	74	70	62	63	62	69	70	70	70	72	65
Morrilton	Maximum	87	89	80	82	79	82	79	78	75	72	80	79	77	75	87	79	76	87	84	90	89	86	83	81	78	85	84	86	86	89	88	82
	Minimum	65	65	63	67	55	56	60	48	45	55	52	54	55	56	51	61	62	70	70	67	67	65	57	54	52	61	62	60	65	66	66	59
Mountain Home	Maximum	88	88	81	77	75	78	77	70	77	74	82	74	67	72	79	76	73	89	84	90	91	75	78	74	77	82	82	86	90	85	89	80
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mt. Ida	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Newport	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oden***	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Okay	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ozark	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pine Bluff	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pocahontas	Maximum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding d

Daily temperatures for May, 1938, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Portland	Maximum	87	86	87	86	80	90	80	75	75	75	82	85	75	81	80	85	80	90	89	91	89	93	86	80	81	87	90	94	92	93	92	85.0
	Minimum	63	61	58	65	57	54	64	61	43	47	47	50	57	60	52	51	63	67	66	69	67	69	69	56	53	55	58	62	64	66	65	59.3
Prescott	Maximum	87	87	85	86	85	88	84	75	77	75	81	83	80	75	82	84	84	89	89	91	89	87	85	80	84	89	86	92	91	93	94	85.1
	Minimum	65	65	64	66	55	56	58	50	45	55	50	54	64	57	52	57	65	72	71	74	69	71	69	54	52	59	64	61	69	64	67	61.1
Rogers	Maximum	85	82	80	76	75	80	76	63	73	74	78	74	69	72	79	78	78	86	81	86	86	79	69	74	75	76	79	86	84	89	86	78.3
	Minimum	61	66	66	65	43	49	55	39	38	45	46	55	52	52	43	56	60	69	62	64	61	63	57	43	48	55	58	59	61	62	66	55.5
Russellville [Evap]	Maximum	89	88	85	75	69	69	81	77	76	76	82	78	77	76	80	81	80	89	89	91	91	87	78	78	79	86	85	89	89	92	94	82.4
	Minimum	62	64	63	55	52	57	60	48	42	52	49	54	52	50	46	63	62	69	70	67	68	66	69	49	51	62	62	60	60	66	68	58.6
Searcy	Maximum	89	85	84	79	77	85	78	71	76	75	82	77	68	73	80	82	75	87	86	89	90	83	79	76	81	85	83	89	90	91	92	81.8
	Minimum	66	65	63	65	54	54	61	53	44	50	51	57	55	56	50	61	62	70	66	70	68	66	63	49	50	61	60	59	67	70	68	59.8
Stuttgart	Maximum	86	85	84	82	78	86	88	72	76	73	82	80	72	71	41	82	78	89	88	87	89	80	83	75	81	86	85	90	89	93	93	82.7
	Minimum	65	65	60	64	54	57	62	55	53	50	50	52	58	57	48	58	62	68	66	70	68	65	65	51	51	60	69	60	68	66	67	60.1
Subiaco	Maximum	88	86	85	81	79	85	77	69	75	73	81	78	68	73	82	84	84	92	87	91	92	83	73	78	82	84	80	90	88	92	91	82.3
	Minimum	65	67	67	71	51	55	60	45	44	53	53	55	57	57	49	63	65	70	69	68	69	66	63	51	53	61	62	61	65	67	69	60.0
Texarkana	Maximum	90	85	84	85	83	89	81	71	76	76	82	83	85	80	84	82	85	88	88	92	91	89	80	79	84	89	81	91	91	92	92	84.8
	Minimum	64	62	63	64	63	60	62	49	44	55	56	61	64	64	51	56	66	68	70	72	72	72	65	54	53	61	62	61	69	70	70	62.0
Thornburg	Maximum	85	82	81	80	77	83	80	70	75	71	80	76	71	72	82	78	74	86	83	90	88	82	80	76	82	85	83	87	88	90	88	80.8
	Minimum	58	65	63	60	51	53	59	46	34	47	43	48	55	55	42	60	63	72	70	68	65	64	60	43	41	55	58	55	61	59	65	56.1
Turnpike	Maximum	80	77	74	73	71	74	69	64	69	68	72	67	62	68	74	70	68	80	77	80	82	75	67	70	71	76	74	76	79	82	80	73.2
	Minimum	65	61	61	55	44	52	54	38	45	49	53	55	51	52	53	57	59	67	62	65	67	60	58	47	52	60	60	60	60	67	67	56.6
Warren	Maximum	89	85	84	81	80	89	85	73	72	72	81	81	79	79	81	83	81	90	90	88	89	90	89	78	82	87	88	92	90	93	93	84.3
	Minimum	65	64	62	65	55	55	65	57	44	53	50	54	58	59	52	54	63	70	70	72	70	71	69	55	52	61	61	64	63	74	70	61.2
White Rock	Maximum	79	75	75	71	70	73	70	60	70	69	73	68	63	67	73	74	70	81	77	80	81	79	64	70	70	73	72	78	81	82	80	73.2
	Minimum	63	61	60	60	44	54	53	35	46	53	54	53	53	52	51	54	59	67	64	65	67	63	55	48	53	59	57	59	58	67	66	56.5
Wilson	Maximum	82	83	81	80	71	80	78	76	75	73	76	72	64	70	74	77	75	83	83	84	88	84	80	75	78	81	83	84	86	87	89	79.1
	Minimum	60	68	62	66	59	54	68	55	44	50	50	55	53	55	54	50	62	68	70	71	69	70	63	53	51	60	61	64	64	63	69	60.0
Wynne	Maximum	87	84	83	82	75	85	84	74	75	72	79	74	69	74	79	81	78	86	87	87	89	86	82	74	81	83	86	85	89	91	92	81.7
	Minimum	64	65	63	56	54	55	62	54	42	46	48	56	54	57	48	59	61	69	69	72	69	68	64	52	52	60	64	60	61	68	69	59.4

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.191	.363	.249	.091	.301	. .	.400	. .	.392	.185	.146	.104	.204	.227	.202	.251	.258	.081	.260	.270	.200	.183	.302	.208	.228	.214	.274	.025	.379	.234	...	8.217
	Mean tem.	74	71	72	72	67	70	67	58	58	60	63	68	70	66	66	67	72	77	80	78	80	77	70	64	66	72	71	72	78	79	79	70.6
	Wind move	56	60	51	81	68	29	67	31	73	19	19	23	45	103	27	10	16	45	68	50	34	32	67	55	25	24	21	38	39	30	54	1,360
Russellville [Ozark Nursery]	Evap.	.278	.224	.248	.092	.267	.362	.270	.314	.096	.312	.234	.099	.120	.117	.198	.210	106	.144	.248	.140	.292	.124	.300	.196	.210	.164	.120	.264	.108	.266	.310	6.433
	Mean tem.	76	76	74	65	60	63	70	62	59	64	66	66	64	63	63	72	71	79	80	79	80	76	74	64	65	74	74	74	74	79	80	70.5
	Wind move	56	61	82	44	79	41	54	120	30	32	43	18	45	46	19	35	37	42	62	41	41	29	83	42	22	27	76	33	42	8	30	1,370
Stuttgart [Rice Exp. Farm]	Evap.	.250	.252	.249	.214	.168	.196	.232	.121	.230	.236	.125	.241	.183	.031	.141	.178	.263	.073	.222	.232	.176	.258	.051	.233	.207	.205	.208	.191	.235	.200	.275	6.076
	Mean tem.	76	76	73	75	68	66	74	68	62	62	60	67	69	66	63	70	73	70	78	78	77	78	71	68	64	70	72	71	80	78	80	71.0
	Wind move	72	84	117	115	160	50	84	82	75	31	31	51	97	58	95	14	95	138	109	116	82	81	82	151	36	23	29	56	65	63	56	2,398

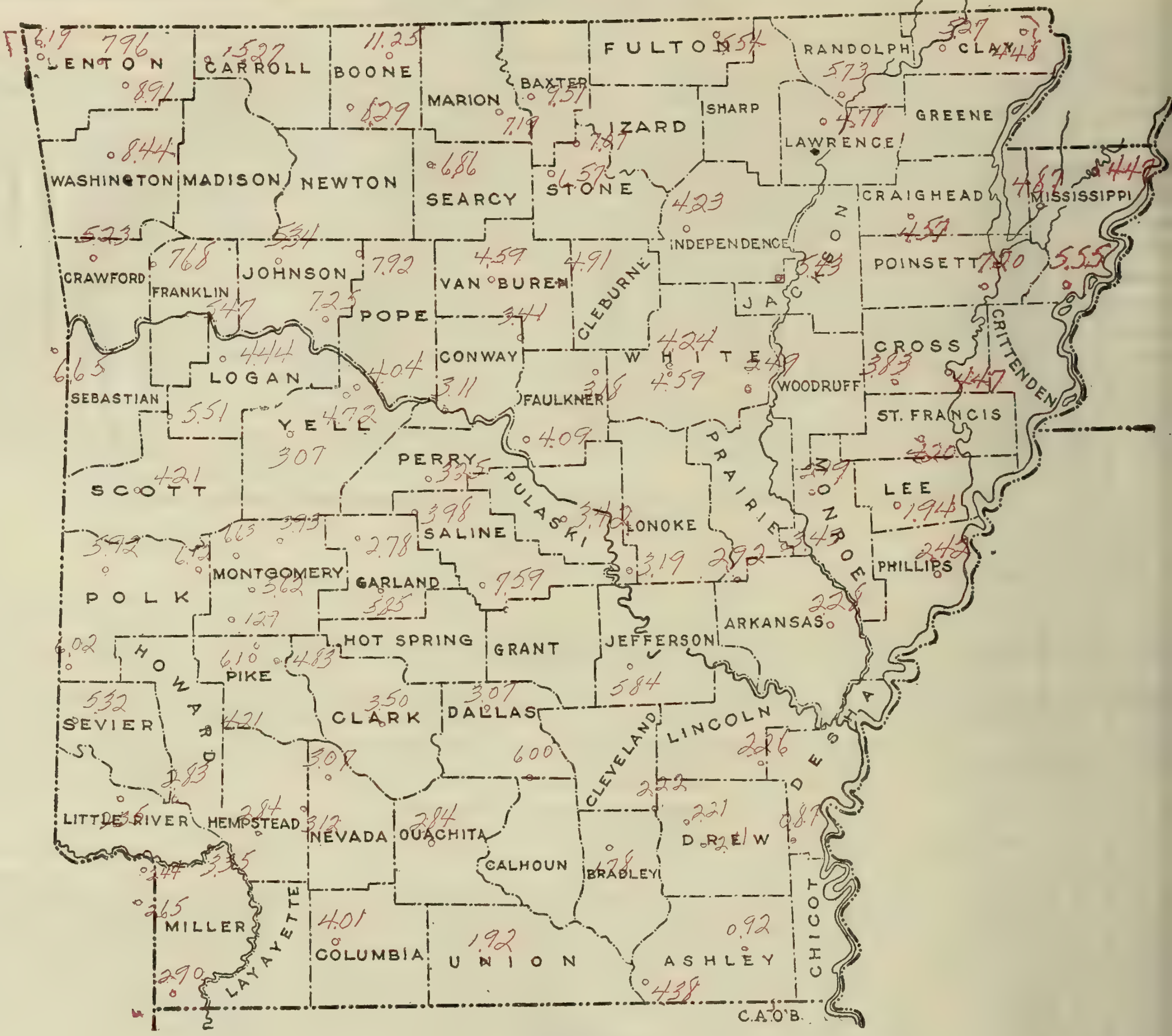
Daily River Stages for May, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.2	7.8	7.8	7.7	8.0	7.7	8.2	9.9	14.2	17.8	16.8	13.8	12.2	11.8	11.8	11.3	12.1	12.0	11.7	11.2	10.6	10.6	18.5	24.1	25.0	24.4	24.5	24.2	22.8	20.9	20.2
Van Buren	do	22	8.9	8.4	8.5	8.2	8.7	8.1	8.6	10.6	15.2	18.7	18.0	15.2	13.4	12.8	12.8	12.1	12.9	12.8	12.5	11.9	11.1	10.8	19.3	23.9	25.1	25.1	24.6	24.6	23.3	21.6	20.8
Danville	Petit Jean	20	5.1	4.8	4.4	4.2	4.0	3.9	3.8	4.5	4.7	4.5	4.0	3.7	3.5	5.0	8.1	6.4	5.0	4.4	4.1	3.9	3.9	3.6	5.5	16.3	17.0	10.5	6.4	5.3	5.0	4.7	4.8
Ozark	Arkansas	22	4.5	4.1	4.1	4.1	4.2	4.3	4.0	5.4	8.2	13.4	14.2	11.8	9.5	8.3	8.3	8.0	7.8	8.4	8.4	7.8	7.2	6.3	11.8	18.8	21.0	20.8	20.2	20.4	19.5	18.0	16.6
Dardanelle	do	22	8.2	8.1	7.9	7.6	7.4	7.7	7.6	7.6	8.9	13.0	16.3	15.8	13.4	11.9	11.2	11.1	10.7	10.9	11.2	11.0	10.6	9.9	11.6	19.2	22.0	22.8	22.2	22.1	21.8	21.0	19.6
Morrilton	do	20	4.8	4.2	4.1	3.6	3.6	3.5	3.7	3.8	4.2	7.1	12.6	13.5	11.4	9.4	8.6	7.8	7.6	7.2	7.8	7.7	7.4	6.7	6.2	14.2	18.4	19.8	19.4	19.1	19.0	18.3	17.0
Little Rock	do	23	6.5	6.0	5.7	5.6	5.3	5.1	5.1	5.2	5.0	5.8	9.7	13.7	13.3	11.0	9.5	8.6	8.5	8.1	8.0	8.4	8.2	7.9	7.5	8.6	17.2	19.8	20.2	19.7	19.6	19.3	18.3
Pine Bluff	do	25	10.6	9.7	9.2	8.7	8.7	8.5	8.3	8.3	8.3	8.3	9.6	15.9	16.6	15.8	13.9	12.6	12.0	12.0	11.5	11.6	11.8	11.7	11.1	10.7	15.8	20.9	22.4	22.8	22.7	22.5	21.9
Gilbert	Buffalo	30	5.1	5.0	4.8	4.6	5.1	4.6	4.4	6.1	5.2	4.8	4.6	4.3	6.0	6.3	5.8	5.0	4.7	4.4	4.3	4.7	4.6	4.4	12.4	7.9	6.5	5.9	5.6	4.9	5.1	4.7	4.5
Doniphan, Mo.	Current	10	3.8	3.9	3.9	4.0	4.0	4.0	3.9	3.9	7.2	6.7	6.1	6.5	5.0	4.8	4.9	5.1	5.2	5.5	5.8	6.0	6.1	6.7	8.0	9.8	13.4	9.3	6.4	6.0	5.5	5.1	4.7
Black Rock	Black	14	10.6	10.3	9.7	9.4	9.0	8.5	7.9	7.4	7.1	7.4	8.6	8.4	7.9	9.4	8.9	8.0	7.7	7.5	7.3	7.0	7.1	7.1	8.1	10.3	11.5	11.4	12.5	13.3	15.0	14.9	13.8
Judsonia	Little Red	..	23.0	24.0	23.2	22.2	21.3	20.4	19.5	18.5	17.5	16.6	16.6	16.5	16.6	17.4	19.3	19.4	19.8	20.1	20.5	20.8	20.7	20.4	20.2	21.2	24.1	21.9	22.0	23.0	24.2	25.0	25.2
Ozark Beach Mo	White	30	1.0	3.8	2.2	1.5	1.1	1.4	3.4	3.5	7.5	6.6	5.2	4.2	5.9	11.4	7.8	6.9	6.2	5.7	5.3	5.2	5.3	4.6	13.0	14.6	16.8	12.5	8.2	6.8	6.4	11.1	8.5
Cotter	do	21	5.8	5.8	5.6	4.7	4.7	4.7	4.7	4.7	7.1	6.5	8.7	6.7	7.5	13.3	12.0	9.7	8.8	8.1	7.4	7.1	6.9	6.9	13.1	18.9	16.4	17.0	13.7	9.8	9.1	10.0	11.0
Calico Rock	do	18	5.3	5.5	4.0	4.4	4.3	4.4	4.0	5.0	7.4	6.4	7.2	6.0	5.5	15.9	13.8	10.1	8.4	8.0	7.3	6.7	6.9	6.6	9.6	24.3	18.8	17.3	15.0	10.3	9.6	9.8	11.0
Batesville	do	23	11.3	12.2	10.7	9.7	9.9	9.9	9.9	9.5	12.7	12.6	13.2	12.7	12.0	20.5	21.5	19.2	15.8	14.6	13.9	13.2	13.0	12.7	15.1	25.8	28.8	24.7	23.8	20.0	16.7	17.6	16.6
Newport	do	26	16.3	15.1	14.6	13.0	12.1	11.3	10.8	10.0	9.5	10.1	12.1	13.0	12.7	13.4	19.7	21.2	20.4	19.0	17.5	16.1	14.9	14.1	15.0	18.4	23.5	25.6	25.9	25.8	24.6	23.5	22.8
Georgetown	do	21	21.6	21.3	21.2	20.8	20.3	19.6	18.8	18.0	17.0	16.1	16.0	15.9	16.0	16.3	17.2	17.9	18.3	18.7	19.1	19.4	19.4	19.3	19.1	18.9	19.8	20.0	20.3	20.9	21.8	22.4	22.6
Clarendon	do	26	28.4	28.1	27.8	27.5	27.3	27.0	26.8	26.5	26.2	25.8	25.3	24.8	24.5	24.2	23.8	23.5	23.5	23.6	23.7	23.8	23.9	24.0	24.1	24.2	24.2	24.3	24.4	24.5	24.6	24.7	25.0
St. Charles	do	..	27.0	26.8	26.6	26.4	26.1	25.9	25.7	25.5	25.3	25.2	25.0	21.8	24.6	24.5	24.3	24.1	23.9	23.9	23.8	23.7	23.6	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.7
Arkadelphia	Ouachita	17	6.8	4.8	5.2	5.9	6.1	5.5	5.1	4.9	4.9	4.2	4.3	4.1	4.6	5.7	4.5	4.2	4.7	4.8	4.9	4.8	5.6	5.9	10.5	13.7	9.3	7.9	7.1	5.6	6.2	5.1	5.7
Boughton	Little Mo.	20	5.2	5.3	5.2	5.0	5.0	4.8	4.7	4.8	4.8	4.7	4.7	4.7	4.6	4.7	8.3	6.6	5.7	5.6	6.0	5.6	5.3	5.3	5.3	5.6	9.2	12.3	8.1	6.4	6.4	6.5	6.6
Camden	Ouachita	26	13.5	12.2	10.1	9.3	8.2	7.5	7.4	7.3	6.7	6.4	6.0	5.3	5.5	5.4	6.1	7.1	7.5	7.3	8.2	8.8	8.4	7.8	7.3	7.9	16.1	17.9	16.0	13.7	11.3	9.0	7.8
Whitecliffs	Little River	25	4.2	3.8	3.6	3.2	2.8	2.4	2.4	2.4	2.3	2.4	4.5	6.0	6.2	6.4	6.4	9.0	8.8	6.9	5.7	4.6	4.6	4.6	4.0	5.0	9.9	11.5	11.5	11.8	15.3	17.8	17.8
Index	Red	25	10.0	9.7	10.0	10.9	11.2	10.9	10.1	9.8	9.6	14.2	15.4	16.5	16.5	16.4	15.4	14.8	14.0	12.6	11.4	10.6	10.4	10.7	10.7	10.9	11.0	16.2	19.3	19.3	19.6	18.8	18.0
Fulton	do	25	10.3	9.8	9.5	9.2	10.9	10.6	10.0	9.5	9.3	10.9	14.4	15.5	16.3	16.3	15.8	15.3	15.1	14.8	13.2	12.8	11.4	10.4	10.6	10.0	10.8	15.0	19.4	20.7	21.3	21.4	20.3
Springbank	do	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Big Lake Outl't	St. Francis	18	7.4	7.2	7.0	6.7	6.7	6.6	6.4	6.3	6.2	6.1	6.0	5.9	5.8	6.1	6.1	6.0	5.9	6.1	5.1	6.0	5.9	5.9	6.0	5.9	5.8	5.7	5.6	5.5	5.6	5.6	5.5
St. Francis	do	..	11.0	10.5	10.1	9.7	9.4	9.1	8.7	8.2	7.9	7.7	7.4	8.1	8.3	8.7	7.7	7.4	7.6	7.9	8.1	8.0	7.9	7.5	8.0	8.5	9.0	13.1	14.9	16.0	16.7	17.3	17.3
St. Francis L.L.	do	17	23.9	23.7	23.6	23.4	23.3	23.1	23.0	21.9	21.4	20.8	20.3	19.8	19.6	19.6	19.7	19.8	19.8	19.6	19.5	19.5	19.3	19.1	19.1	19.0	18.9	18.9	18.8	18.7	18.6	18.6	18.8
Marked Tree	do	23	2.1	2.1	2.1	2.0	2.0	1.9	1.8	8.8	9.4	9.3	8.9	8.6	8.4	8.6	7.9	7.1	6.9	8.0	8.3	7.8	7.9	7.9	8.5	8.4	8.1	8.0	7.9	7.8	7.8	7.7	8.0
Parkin	do	32	17.5	16.6	15.6	14.5	13.5	12.5	11.6	11.1	12.0	12.2	12.0	11.5	10.7	12.2	12.5	11.6	10.3	10.4	10.9	11.3	10.7	10.2	9.9	10.0	9.8	9.4	8.9	8.6	8.5	8.3	8.3
Madison	do	42	23.1	22.0	20.8	19.4	17.9	16.4	14.8	13.7	13.3	13.3	13.0	12.3	11.4	11.4	12.1	11.5	10.5	10.1	10.0	10.2	10.0	9.6	9.1	9.1	9.0	8.6	8.3	8.2	9.0	10.7	12.3
Helena	Mississippi	42	39.1	37.7	36.0	33.9	31.6	29.2	27.0	25.1	23.4	21.6	19.9	19.0	18.6	19.1	19.7	19.8	19.4	19.2	18.9	18.9	19.1	19.3	19.2	19.6	20.3	21.3	22.9	25.2	28.1	30.9	33.0
Arkansas City	do		35.7	35.0	34.2	33.1	31.7	30.1	28.4	26.6	24.9	23.3	21.7	20.1	19.4	19.6	19.8	19.7	19.3	19.0	18.5	18.1	17.8	17.7	17.7	17.6	17.6	18.4	20.7	22.6	24.7	26.5	28.2

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |||| 24 hours ending 7 a. m. *Included in next measurement.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for May, 1938



TORNADOES

County	Location	Date	Time	Dir. moved	Length of path miles	Width of path yards	Killed	Injured	Damage	Remarks
Boone	Elmwood	7	Between 4:00 and 4:30 a.m.	E		440	0	......	$ 5,000	Elmwood church and school, several b and out buildings destroyed, several ho blown from foundation.
Boone	Valley Springs	7	"	E		narrow	0	......	2,000	Store and several barns damaged, trees rooted.
Boone	Rally Hill	7	"	E		narrow	0	......	2,000	Barns and out buildings unroofed or troyed and many dwellings damaged, t uprooted.
Boone	Everton	7	"	E	15	narrow	0	......	500	Barns destroyed, several buildings d aged, few trees uprooted
Scott	Waldron (2 miles N of)	22	10:00 p.m.	N-NE	1 1-2	50	0	0	1,100	House, barns, chicken houses destro several houses and barns unroofed.
Yell	Waveland	22	10:35 p m.	E		440	0	0	500	Property damaged.
Yell	Havana	22	10:45 p.m.	E		....	0	0	3,000	Property damaged.
Yell	Belleville	22	11:00 p.m.	E		880	0	4	1,000	Property damaged.
Yell	Danville	22	11:00 p.m.	E		440	0	6	4,000	3 houses destroyed and other property d aged.
Yell	Centerville	22	After 11 p.m.	E		....	0	0	1,500	Property damaged.
Yell	Carden Bottoms	22	"	NE	40	....	0	0	2,000	Property damaged.
Pope	Atkins (2 miles SE of)	22	11:00 p.m.	NE		440	2	8	10,000	7 homes and several barns and gin h destroyed.
Conway	Blackwell (2 miles west of)	22	11:30 p.m.	NE		150	0	1	1,000	Property damaged.
Conway	Hattieville	22	11:30 p.m.	NE		150	0	1	4,000	Ginhouse and several barns destroyed.
Conway	Solgohachie	22	Night	NE	15	200	0	0	5,000	1 church, cotton storehouse, cotton house destroyed.
Greene	Stanford (1 1-2 miles SE of)	28	7:30 p.m.	SE	short	400	0	0	4,000	5 houses and 2 barns destroyed, 2 cows some hogs killed.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XLIII LITTLE ROCK, ARK., JUNE, 1938 No. 6

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The average temperature for June for the 66 stations was 75.8°, which is 1.4° lower than the average for the State for the past 48 years. The monthly means were below normal except at Bentonville, Camden, Fort Smith, Harrison, Hot Springs, Prescott and Thornburg where they were above. The greatest negative departures were —3.2° at Higden and Marked Tree. The greatest positive departure was +3.8° at Thornburg. Warm spells occurred from the 4th to the 7th, 14th to 17th and 20th to 26th. The highest temperatures occurred on the 15th, 16th, 23d or 24th at nearly all stations and were from 101° at Hot Springs on the 15th to 84° at White Rock. Lowest temperatures occurred on the 2d or 3d or near the end of the month and were from 63° at Little Rock and Monticello to 48° at Thornburg. The greatest daily range was 40° at Brinkley.

The average precipitation from the 98 stations reporting was 4.34 inches which is 0.29 of an inch more than the average for the past 48 years. The greatest monthly amount was 9.90 inches at Fulton, Springbank recording 9.68 inches, Index 8.50 and Okay 8.26 inches. The greatest 24-hour amount was 3.32 inches at Springbank on the 5th, Index reporting 3.00 inches on the 9th. The rains were local, but occurred at most stations on the 4th, 7th to 12th, 16th to 20th, and on the 26th and 27th, with showers over small areas at other times. The amounts were usually small except from the 7th to the 11th and from the 16th to the 19th. The rainfall was excessive at a number of stations and the number of rainy days was considerably greater than usual during the first 20 days. The soil was washed badly by the excessive rains. The rainfall was rather light during the last 10 days. An average of 9 rainy days was reported, 13 clear days, 9 partly cloudy days, and 8 cloudy days.

The soil was too dry in the southeastern portion at the beginning of the month for late cotton to get a start, but the rains that followed caused it to grow rapidly. From the 4th to the 20th the rains were so frequent and in some cases so heavy that cultivation was impossible but the light rainfall the last of the month was favorable for cultivation and the crop was in good to excellent condition at the end of the month. The weather was very favorable for corn and all other crops.

Rather high wind occurred at a few places on the 11th, 16th and 17th, but no damage was reported. Light dust was reported from one northwestern station.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.	1	1	1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	1	.	.	.	.	.	2	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorm	8	.	5	11	2	2	14	8	13	9	14	2	1	.	6	17	14	9	5	4	.	.	.	2	2	9	3	.	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.98	30.27	12	29.73	8	5.8	19	s	10	..	..	..	74
Fort Smith	30.00	30.27	12	29.74	6	7.1	21	s	11	84	58	53	62
Little Rock	30.00	30.23	12	29 84	6	7.3	24	s	11	82	57	56	77
Memphis	30.01	30.27	13	29.79	6	7.1	27	w	11	78	56	58	68

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.58	0	6	16	11	3
1912	73.1	97	42	5.88	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	106	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2 60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	5	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.94	0	9	14	10	6
1938	75.8	101	49	4.34	0	9	13	9	8
Period	77.2	113	35	4.05	0	8	14	10	6

Climatological Data for June, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	....	....	....	....	....	....	....	0.97	....	0.37	0.0	6	18	10	2	n.	L. R. Water Work
Amity	Clark	500	43	76.6[c]	− 0.8	94[c]	16	61[e]	21	28	4.01	−0.08	0.83	0.0	9	5	16	4	s.	J. W. Campbell
Arkadelphia	Clark	200	43	77.3	....	97	16	59	3	30	5.77	+1.16	2.52	0.0	11	..	..	..	....	Mrs. Ted R. Carp
Arkansas City	Desha	145	54	....	....	....	....	....	....	....	5.67	+2.05	2.34	0.0	10	23	2	5	....	Herbert Neff
Batesville	Independence	277	39	74.6	− 0.8	98	16	54	4	33	5.93	+2.01	2.18	0.0	10	11	12	7	s.	Airway Observer
Bee Branch	Van Buren	700	46	76.2	− 0.7	99	24	55	3	37	3.29	−1.20	0.85	0.0	9	8	19	3	s.	J. E. Scanlan
Benton	Saline	285	3	73.8	....	92	15	55	3	31	2.30	....	0.55	0.0	13	17	11	2	sw.	S. A. Burks
Bentonville	Benton	1295	33	73.4	− 0.4	90	24	56	3	30	5.17	+0.95	2.54	0.0	10	7	13	10	s.	U. S. Weather Bu
Big Lake Outlet. ‡‡	Mississippi	239	8	....	....	....	....	....	....	....	4.12	....	1.75	0.0	9	19	2	9	....	C. J. Brooks
Black Rock	Lawrence	259	37	....	....	....	....	....	....	....	3.20	−0.55	0.90	0.0	11	18	4	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	75.6	− 2.2	96	14	55	29	39	4.90	+0.84	2.02	0.0	11	17	7	6	s.	Samuel Norris
Booneville	Logan	465	24	76.8	+ 0.6	95	15	57	3	30	3.03	−1.17	1.44	0.0	9	12	12	6	e.	F. H. Randolph
Boughton ‡‡	Clark	235	3	....	....	....	....	....	....	....	4.35	....	2.15	0.0	7	13	2	15	....	Harry Buie
Brinkley	Monroe	205	51	75.8	− 2.0	95	15	54	6	40	4.07	+0.34	1.23	0.0	8	11	10	9	se.	R. J. Torry
Calico Rock	Izard	361	34	....	....	....	....	....	....	....	2.77	−0.81	0.72	0.0	11	16	0	13	....	William Jones
Camden	Ouachita	116	53	78.5	+ 0.1	95	5†	58	3	32	3.12	−1.09	1.03	0.0	7	13	4	13	s.	J. M. Knight
Carthage	Dallas	297	33	....	....	....	....	....	....	....	..	....	....	....	..	..	..	..	....	P. K. Wylie
Clarendon	Monroe	172	54	....	....	....	....	....	....	....	4.43	+0.84	1.03	0.0	11	16	8	6	n.	R. M. Wheatley
Clinton	Van Buren	516	17	....	....	....	....	....	....	....	6.57	+2.88	1.74	0.0	10	10	13	7	se.	A. L. Stephens
Conway	Faulkner	309	55	77.6	− 0.7	95	24†	57	3	33	2.18	−1.70	0.71	0.0	6	21	6	3	s.	E. E. Cordrey
Corning	Clay	293	45	74.6	− 1.4	95	24	54	29	35	3.55	−0.52	0.98	0.0	12	17	7	6	s.	Winfred D. Polk
Cotter	Baxter	440	11	....	....	....	....	....	....	....	3.15	−1.80	0.87	0.0	8	16	4	10	....	O. B. McSpadden
Crosset (near)	Ashley	175	26	76.4	− 3.0	94	15†	54	3	34	4.92	+1.00	2.27	0.0	6	11	13	6	s	U. S. Forest Serv
Danville	Yell	327	22	....	....	....	....	....	....	....	1.94	−2.35	0.78	0.0	9	9	13	8	....	J. M. Patterson
Dardanelle	Yell	330	52	77.8	− 0.4	95	15†	57	3	29	2.41	−1.27	0.58	0.0	11	6	18	6	s.	Geo. N. Goodier
De Queen	Sevier	426	3	77.8	....	94	23	60	2	30	7.00	....	1.78	0.0	10	20	2	8	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	71.2	....	86	24	56	2	24	4.49	....	1.12	0.0	9	16	7	7	sw.	U. S. Forest Serv
Dumas	Desha	162	33	77.6	− 1.8	99	15	57	3†	36	2.06	−1.75	0.60	0.0	6	1	24	5	sw.	Ben Johnson
El Dorado	Union	270	38	78.8	− 0.8	95	6†	59	3	31	4.85	+1.16	1.84	0.0	6	13	12	5	s.	Mrs. E. W. Gas
England	Lonoke	229	32	77.0[e]	− 1.0	96[e]	22	58[e]	29	31[e]	2.71	−1.12	0.87	0.0	6	16[e]	3[e]	6[e]	s.	Dr. R. H. Hardi
Eureka Springs	Carroll	1465	38	73.3	− 1.1	89	24	56	2†	28	6.53	+1.15	2.43	0.0	10	19	8	3	sw.	Geo. W. Nichoal
Fayetteville	Washington	1451	51	73.4	− 1.0	89	24	54	3	27	6.37	+1.63	1.42	0.0	12	12	14	4	sw.	University of Ark
Fordyce	Dallas	275	10	79.0[b]	− 1.5	98[b]	15	60[b]	3	30[b]	3.35	....	1.23	0.0	8	10[b]	15[b]	3[b]	s.	M. G. Taylor
Fort Smith	Sebastian	448	14	78.1	+ 0.6	94	24	62	3	25	4.63	+0.91	1.86	0.0	9	8	16	6	e.	U. S. Weather B
Fulton	Hempstead	260	53	....	....	....	....	....	....	....	9.90	+5.74	2.05	0.0	12	13	5	12	....	T. J. Logan
Georgetown	Woodruff	200	26	....	....	....	....	....	....	....	4.84	+0.35	1.96	0.0	11	20	2	8	....	W. R. Putt
Gilbert	Searcy	600	13	72.8	....	94	25	49	29	32	3.58	−0.25	0.99	0.0	13	15	4	11	....	F. J. King
Glenwood	Pike	547	3	....	....	....	....	....	....	....	5.35	....	1.78	0.0	9	14	7	9	....	C. A. Price
Grannis	Polk	900	19	....	....	..	..	53	3	..	5.15	+0.13	1.28	0.0	12	13	9	8	se.	W. E. McVay
Gravette	Benton	1250	41	73.6	− 0.1	92	23†	56	2†	31	4.87	−0.68	1.63	0.0	7	11	15	4	sw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	73.2	....	90	15†	60	2†	23	3.95	....	1.21	0.0	19	14	10	6	se.	U. S. Forest Serv
Harrison	Boone	1052	38	74.6	+ 1.2	96	24	52	3	33	5.20	+0.80	2.80	0.0	10	23	[illegible]	3	sw.	Louis R. Keck
Helena	Phillips	300	66	75.2	− 3.2	92	15	57	3	30	5.05	+1.69	1.45	0.0	7	13	5	12	n.	James A. Burnett
Higden	Cleburne	445	19	....	....	....	....	....	....	....	5.26	+1.29	1.47	0.0	11	18	5	7	s.	Austin E. Cartw
Highland	Pike	491	19	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	76.2	− 2.8	92	16	58	3	26	5.52	+2.00	1.68	0.0	11	12	5	13	e.	Experiment Farm
Hot Springs	Garland	600	47	79.4	+ 1.2	101	15	57	3	35	2.17	−2.48	0.90	0.0	9	3	21	6	s.	National Park S
Index ‡‡	Little River	275	21	....	....	....	....	....	....	....	8.50	+5.62	3.00	0.0	7	13	4	12	....	W. E. McDowell
Jessieville	Garland	750	12	....	....	....	....	....	....	....	1.00	−3.14	0.40	0.0	4	..	..	..	sw.	U. S. Forest Serv
Jonesboro	Craighead	345	43	75.3	− 2.4	95	24	57	8†	33	3.17	−0.77	0.63	0.0	14	10	9	11	sw.	Benedictine Siste
Judsonia	White	....	2	....	....	....	....	....	....	....	4.40	....	1.12	0.0	12	15	5	10	....	T. H. Beals
Lead Hill	Boone	650	32	72.6	− 2.8	94	24	50	3	34	4.62	−0.63	2.80	0.0	9	18	9	3	sw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	59	76.6	− 0.8	93	15	63	3	22	2.92	−0.84	2.18	0.0	10	9	7	14	e.	U. S. Weather B
Little Rock Airway	Pulaski	257	2	....	....	..	..	58	3	..	3.32	....	2.20	0.0	9	11	8	11	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	39	74.9	− 1.2	92	24	57	3	28	5.11	+0.61	1.06	0.0	11	12	12	6	se.	H. G. Lenhardt
Madison	St. Francis	209	8	....	....	....	....	....	....	....	3.72	....	1.00	0.0	8	12	3	15	....	J. W. Eppes
Magnolia	Columbia	315	22	....	....	....	....	....	....	....	4.31	+0.49	2.20	0.0	6	..	..	..	....	State Agri. Scho
Mammoth Spring	Fulton	600	34	73.0	− 1.4	95	24	52	29	33	6.70	+2.38	1.35	0.0	11	16	10	4	sw.	Paul Morton
Marianna	Lee	235	27	76.6	− 2.0	93	5†	59	5†	34	3.21	−0.26	1.00	0.0	9	6	22	2	s.	C. N. Houck
Marked Tree	Poinsett	229	34	74.8	− 3.2	94	16†	57	8	34	5.60	+2.38	1.84	0.0	11	17	7	6	n.	Charles Walton
Mena	Polk	1207	50	76.0	− 0.6	93	15	56	3	31	4.76	−0.24	1.78	0.0	11	10	10	10	sw.	E. W. St. John
Monticello Airway	Drew	273	2	77.8	....	95	15	63	8	29	4.44	....	1.43	0.0	8	15	5	10	sw.	Airway Observer
Monticello (near)	Drew	273	3	....	....	....	....	....	....	....	4.63	....	1.48	0.0	6	..	..	..	....	Soil Conservation
Montongo	Drew	....	3	....	....	....	....	....	....	....	2.47	....	0.70	0.0	7	..	..	..	....	Soil Conservation
Morrilton	Conway	315	19	76.4	− 2.2	93	23	56	3	29	3.80	0.00	1.07	0.0	9	2	26	2	sw.	Mrs. Freda M. As
Mountainburg (nea	Crawford	2010	1	....	....	....	....	....	....	....	4.16	....	1.52	0.0	9	17	7	6	se.	C. A. Lovell
Mountain Home	Baxter	800	26	73.6	− 1.4	97	24	53	29	32	3.76	−0.68	1.06	0.0	10	16	3	11	s.	B. S. Halbert
Mount Ida	Montgomery	702	39	74.4[d]	− 1.6	93[d]	15	51	23	34[d]	2.66	−1.63	0.87	0.0	8	9	15	6	se.	G. A. Whittingto
Newport	Jackson	231	55	75.1	− 2.8	95	24	56	6†	37	5.15	+1.23	1.35	0.0	13	18	5	7	n.	J. D. Henderson
Norman	Montgomery	687	10	....	....	....	....	....	....	....	1.90	....	0.65	0.0	6	8	8	14	s.	U. S. Forest Serv
Oden	Montgomery	800	11	76.2	....	93	5	61	22	31	3.66	....	0.82	0.0	7	8	13	9	s.	U. S. Forest Ser
Okay	Howard	288	10	78.0	....	94	23	59	2	31	8.26	....	2.62	0.0	10	22	3	5	s.	Charles R. Jacks
Ozark	Franklin	396	43	76.3	− 1.6	94	25	57	3	29	5.20	+1.17	0.96	0.0	12	13	4	11	se.	Orkney O. Milto
Parkin	Cross	222	8	....	....	....	....	....	....	....	3.33		1.00	0.0	8	14	4	12	....	Carroll King
Pine Bluff	Jefferson	215	51	77.0	− 2.2	92	15†	60	30	24	2.12	−1.80	0.42	0.0	8	8	13	9	sw	Miss Theresa Sch
Pine Ridge	Montgomery	840	14	....	....	....	....	....	....	....	4.52	+0.03	1.20	0.0	5	8	15	7	sw.	J. R. Huddleston
Pocahontas	Randolph	300	45	73.8[d]	− 2.8	94	24	56[d]	3	30[d]	2.80	−1.56	0.80	0.0	8	14	4	12	ne.	Benedictine Siste
Portland	Ashley	122	32	77.2	− 2.2	93	1†	56	3	33	7.30	+3.83	2.80	0.0	7	11	16	3	sw.	W. E. Edmiston
Prescott	Nevada	318	50	79.0	+ 0.2	95	6†	60	3	30	5.75	+1.50	1.42	0.0	12	10	9	11	s.	Craig Williams
Rock Springs ‡‡	Drew	....	3	....	....	....	....	....	....	....	3.38	....	1.74	0.0	6	..	..	..	....	Soil Conservatio
Rogers (near) ‡‡	Benton	1300	48	73.2	− 0.4	91	23	52	3	32	4.86	−0.26	1.42	0.0	11	15[a]	7[a]	7[a]	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	....	....	....	....	....	....	....	4.72	....	1.54	0.0	8	16	13	1	n.	G. A. Maddox
Russellville [Evap]	Pope	526	26	77.4	+ 0.9	95	25	57	3	31	2.83	....	0.80	0.0	11	21	0	9	sw.	U. S. Forest Ser
St. Charles	Arkansas	175	5	77.0	....	94	25†	60	3	31	2.81	....	0.91	0.0	10	15	9	6	s.	U. S. Biological S
St. Francis	Clay	290	11	....	....	....	....	....	....	....	2.98	−1.00	1.29	0.0	14	17	5	8	....	A. Boyce Boyd,
Searcy	White	245	28	76.0	− 1.3	94	15	56	3†	29	3.95	−0.05	1.21	0.0	14	16	1	13	ne.	Walter Smith
Springbank ‡‡	Miller	240	29	....	....	....	....	....	....	....	9.68	+0.02	3.32	0.0	8	13	4	13	....	Henry Field
Story	Montgomery	650	14	....	....	....	....	....	....	....	1.94	−1.69	0.46	0.0	7	16	7	6	n.	S. C. Story
Stuttgart	Arkansas	214	51	76.7	− 1.3	96	15	58	3	34	5.47	+1.72	1.55	0.0	9	19	6	5	sw.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	3	76.5	....	94	16	57	3	31	4.41	....	1.26	0.0	9	..	..	..	....	Rice Experiment
Subiaco	Logan	750	41	77.2	− 0.6	95	24	59	3	29	4.99	+0.96	1.58	0.0	8	14	10	6	se.	New Subiaco Ab
Texarkana	Miller	332	53	78.9	− 0.2	95	23	62	4	29	6.92	+3.06	1.79	0.0	9	14	12	4	....	H. S. Brashear
Thornburg	Perry	650	18	74.2	+ 3.8	93	15	48	3	37	4.09	−0.81	1.15	0.0	10	8	20	2	s.	Edward E. Hol
Turnpike ‡‡	Pope	2240	14	71.6	....	85	15†	58	2†	25	5.84	+0.94	1.58	0.0	8	16	9	5	sw.	U. S. Forest Ser
Waldron	Scott	675	19	....	....	....	....	....	....	....	2.65	−1.97	1.23	0.0	3	..	..	..	....	E. B. Shadoan
Warren	Bradley	206	44	78.0	− 1.3	95	6	57	3	32	3.62	−0.10	1.05	0.0	8	5	10	15	sw.	C. N. Turner
Whitecliffs	Little River	290	32	....	....	....	....	....	....	....	4.37	+0.81	1.95	0.0	6	15	5	10	....	L. M. Snead
White Rock ‡‡	Franklin	2285	2	71.3	....	84	15	59	2†	21	4.66	....	1.82	0.0	11	16	8	6	se.	U. S. Forest Ser
Wilson	Mississippi	237	13	74.2	− 2.7	91	24	53	3	30	4.88	+1.57	1.30	0.0	8	21	3	6	s.	D. O. Anderson
Wynne	Cross	250	30	75.4	− 2.4	94	24	54	3	36	4.47	+0.57	1.12	0.0	8	14	9	7	s.	B. M. Eddins
Yancopin	Desha	167	14	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	W. E. Barton
State Means				75.8	− 1.4	101	15	48	3	40	4.34	+0.29	3.32	0.0	9	13	9	8	s.	

Daily Precipitation for June, 1938

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita				.37			.03	.06	.25		.23					.03																0.97
Amity	Ouachita				.76	.12				.68		.03	.61					.83	.47	.15								.36					4.01
Arkadelphia	Ouachita					1.13			.11	.39	.01	.04	.61					2.52	.51	.04								.31	.10				5.77
Arkansas City	Mississippi				T.				.26	.47	2.34	T.	.29					.07	1.04	1.05	.03	.05					.07						5.67
Batesville Airway	White		.02		.21			1.64	T.	.15	.05	.05					1.02	T.	.17	2.18					T.		.44						5.93
Bee Branch	Arkansas				.35			.85			.25	.10						.35	.54	.55							.25	.05					3.29
Benton	Saline	.12			.25			.04	.13	.03	.04	.41	.02				.48	.55	.14		.07						.02						2.30
Bentonville ***	Arkansas	.37		.23	.22		.07	2.54	T.	T.	.13	.67					.56	T	T.							.28	.10	T.					5.17
Big Lake Outlet	St. Francis		1.75		T.			.35	.30	T.	T.	T.	.04				.27	.21	T.	.70	.46							.04					4.12
Black Rock	White				T.			.90	.27	.13	.40	.04					.61	.19	.27	.27	.06						.06						3.20
Blytheville	St Francis		.95		T.			.07	.30		.04		.01				2.02	.07	.06	.79	.24				T.			.35					4.90
Booneville	Arkansas	.33			.33			.13	.21	.05		1.44						.18	.21								.15						3.03
Boughton	Ouachita									.80		.18	.27					.33	.32	2.15								.30					4.35
Brinkley	White		.45		T.			1.02		.80	.06	.07					.18		1.23	.26													4.07
Calico Rock	White		.02		.16			.63	.52	.04	.72	.17						.02	.15		.20						.14						2.77
Camden	Ouachita									.60	.36			.08				.02	.76	1.03		T						.27					3.12
Carthage	Arkansas																																....
Clarendon	White		.16		.03				.59	.40	.56		.09					.49	.03	1.03	.42							.63					4.43
Clinton	White	T.			.64		.17	.20	T	1.60	T.	.24					.06		.50	1.38							1.74	.04					6.57
Conway	Arkansas				.26			.71				.21				.04	.34		.62														2.18
Corning	White		.23		.01			.29	.20	.12							.98	.08	.92	.65	.04				.01		.02						3.55
Cotter	White							.85	.57		.13	26					T.	.87	.10								.27	.10					3.15
Crossett [near]	Ouachita								.80	2.27		.40					.02		.65		.78												4.92
Danville	Arkansas				.03	.02			.16	.29		T.	.78				T.		.16	.45							.02	.03					1.94
Dardanelle	Arkansas				.37	.25			.12	.02	.03	.03	.58					.34	.35							.31	.01						2.41
De Queen	Red	.02		.20				.19	1.08	.03		.70	1.78					1.22	1.28	.50													7.00
Devils Knob	Arkansas				.28			.81	.16			.88					.20	1.12	.42								.40	.22					4.49
Dumas	Mississippi				T.			.05	.04	.60								.19	.58								.60						2.06
El Dorado	Ouachita								T.	1.84	.54			.19				.61	.15	1.52		T.											4.85
England	Arkansas							.87	*	*	*	.14					.46	.11	.26						.87								2.71
Eureka Springs	White	.17			.18			2.04		.13	.65	.40					2.43									.35	.15	.03					6.53
Fayetteville	White	.25			.06			.79	T.	1.25	.58	.97					.28	1.42	.35	.01							.39	.02					6.37
Fordyce	Ouachita				.05			.03	.47	.14								1.23	.85								.57	.01					3.35
Fort Smith ***	Arkansas	T.		T.	.04			1.17	.02	T.	T.	1.86					T	.28	.09	T	.14					.22	.81	T.					4.63
Fulton	Red	.30				2.05		T.	1.93	1.96		.09	.17	.15				.03	1.25	.36	T.	.86						.75					9.90
Georgetown	White		.44		.07	T.		.32	.65	.03	.90		.18					.14	.05	1.96	.10												4.84
Gilbert	White				.78			.27	.14	.05	.04	.55	.04					.26	.05	.99							.16	.15	.10				3.58
Glenwood	Ouachita				1.24					.73		.26	.27					1.78	.36	.20	.24							.27					5.35
Grannis	Red	.04						.15	1.28	.08	.01	1.15	.23					.51	1.17	.07	.44						.02				T.		5.15
Gravette	Arkansas	1.32			09			1.63	.04		.18	.82														.79							4.87
Green Mountain	White		.02		.22			1.21		.05	.33	.15					T	.44	.74	.50							.29	T.					3.95
Harrison	White	.14			1.19			2.80		.12	.01	.10					.08		.55								.20	.01					5.20
Helena	Mississippi								.80	.47	.99							.28	1.45	.86								.20					5.05
Higden	White		.08		.55			.55		.05	.15	.21					T.	.07	1.47	1.17							.91	.05					5.26
Highland	Ouachita																																....
Hope [Evap]	Red	.21			T.	.60			.30	.68		.12	.73	.03				.62	1.68	.12								.43					5.52
Hot Springs	Ouachita				.07			.07	.25	.11		.19	.02					.90	.53								.03						2.17
Index	Red	.60				2.00			T.	3.00		T.							2.25	.10		.20						.35					8.50
Jessieville	Ouachita							.40	.15	.15	.30																						1.00
Jonesboro	White	.03	.02			.01		.60	.40	.02	.13		.04				.63	.21		.41	.24						.01	.42	T.				3.17
Judsonia	White	.32			.13	.39		.07	.55	.02	.12	.28				1.07	.19		1.12	.11													4.40
Lead Hill	White	T.			.69			2.80	.03	T.	T.						.11	.05	.40							.02	.50	.02					4.62
Little Rock ***	Arkansas	.12			.04			.02	.04	.02	T.	.11					2.17	.01	.26	.13							T.						2.92
LittleRock Airway	Arkansas	.01	.22		.05			.03	T	T.	T.	.18					2.20	.05	.54	.04							T.						3.32
Lutherville	Arkansas				.11			.04	.03	.28		1.06					.95	.50	.12	.65							.82	.55					5.11
Madison	St. Francis		T.					.36	.60	T.	.85		T				.05	1.00	.17	.38	T.							.31					3.72
Magnolia	Red				.07				2.20				.50					1.00		.34	.20												4.31
Mammoth Spg	White				.35			.55	.30	T.	72	.41					1.30	1.27	.05	1.35	.32						.08						6.70
Marianna	St. Francis		.02					.38		1.00		.03					.20	.05	.93	.02							.58						3.21
Marked Tree	St. Francis		.45		.01			.33	1.43		.04		.19				.21	.60	.41	1.84	.09							T.					5.60
Mena	Ouachita				.33			.10		.63	T.		1.78	.21				.02	1.23	.03	.03	.34					T.	.06			T.		4.76
Monticello Airway	Ouachita							.25	.14	1.38							.48	.42	1.43		.04						.30						4.44
Monticello(near***	Ouachita							.53		1.48							1.00	.12	1.00								.50						4.63
Montongo	Ouachita							.05	.20	.70							.20	.52	.55								.25						2.47
Morriltor	Arkansas				.38				.46				.21				.45	.35	.43	.40						1.07	.05		T.				3.80
Mountainburg	Arkansas	.31			.05			1.09	.05			1.52					T.	.41	.36							T.	.35		.02				4.16
Mountain Home	White	.08			.80			1.06	T.	.35		.13				T		.75	.03	.15							.35	.06					3.76
Mount Ida	Ouachita				.04				.47	.42		.87	.15					.29	.40	.02													2.66
Newport	White		.24		.12			1.03	1.05	.03	T.		.07					1.35	.06	.45	.42					.08	.07	.18					5.15
Norman	Ouachita				T.				.65	.35		.16					.27	.10	.37														1.90
Oden	Ouachita				.18		T.	T.		.62		.77	.49					.08	.82	T	.70						T.		T.				3.66
Okay	Red	.50			73				2.62			.65	.25					.33	1.77	.97							.25	.19					8.26
Ozark	Arkansas	.12			.11			.12	.69	.06		.49	.65					.96	.41	.33							.80		.46				5.20
Parkin	St. Francis							.42	1.00		.38		.10				.25	.40	T.	.54	.24												3.33
Pine Bluff	Arkansas				.03				.35	.24	.42		T.					.32	.02	.42								.32					2.12
Pine Ridge	Ouachita								.99	.46		1.20						.89	.98														4.52
Plantersville	White								.20	.73							.45	.07	1.55								.28						3.28
Pocahontas	White				.20			.80		.40	.40						.10	.40		.40							.10						2.80
Portland	Ouachita						.42			.21	2.80		.61						.30	1.70		1.26											7.30
Prescott	Ouachita	.12			.04				.08	.70		.13	.41	.21				.15	.69	1.38	1.42							.42					5.75
Rock Springs	Ouachita								.10	.64							.40	.10	1.74								.40						3.38
Rogers (near)	White	.12			.62			1.42	.03	.01	.55	.81					.87		.24							.08	.11						4.86
Rosebud	Arkansas				.38			1.25			.29	.18					1.54		.48	.43							.17						4.72
Russellville	Arkansas				.14	.32		.21				.80					.15	.28	.29	.02					.25		.32	.05					2.83
St. Charles	White		.02					.13		.30	.59						.09	.27	.07	.40	.03							.91					2.81
St. Francis	St. Francis		.24		.06			.29	.24	.03	.02	.03					.53	.04	.03	1.29	.09				.06		T.	.03					2.98
Searcy	White	.04	.30		.15	.21		.20	.45	.26	.02		.20				.32	.41	.14	1.21	.04							T.					3.95
Springbank	Red	.80	T.		T.	3.32		T.	.20	2.00	T.	T.	.24						2.65	.27		.20											9.68
Story	Ouachita				.12			.46	.26	.32			.46					.12	.20														1.94
Stuttgart	Arkansas								.65	.36	1.55		.01					.73	.04	.85	.03							1.25					5.47
Stuttgart [Evap]	Arkansas								.07	.33	.40		.05					1.26	.02	1.15	.11							1.02					4.41
Subiaco	Arkansas	T.			.32			.67	.02	1.58		1.00						.38	.32	T.							.70	T					4.99
Texarkana	Red	1.52			.14	.91		T.	.06	1.79		T.	.30					T.	1.55			.53						.12					6.92
Thornburg	Arkansas	T.			.73			.11	.03	T	T.	.22				1.15	1.13	.10	.47							.08	.07	T					4.09
Turnpike	Arkansas				1.58			.59				.63						.22	.86	1.16							.62	.18					5.84
Waldron	Arkansas							T.	.25		T.	1.23	T.			T.		T.	1.17														2.65
Warren	Ouachita							.46	30	.76	.02						.07	1.05	.72		T.							.24					3.62
Whitecliffs	Red	.20		.44					1.95			.35							1.33	.10													4.37
White Rock	Arkansas	.44			.05			.51	.25	T	.07	1.82					.04	.75	.17	T.							.55	.01					4.66
Witt Springs	Arkansas				.19			1.37				.48						.22	.43	.58							.63						3.90
Wilson	Mississippi							.45	1.30		.28		.30				.85	.23	.21	1.26													4.88
Wynne	St. Francis							1.12		.53			.10				1.00	.10	.40	1.00	.22												4.47
Yancopin	Arkansas																																....

Daily temperatures for June, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Amity §§	Maximum	..	..	..	..	89	92	91	83	71	82	87	75	86	89	90	94	92	79	81	89	89	89	90	92	92	92	90	88	88	..		87.2
	Minimum	..	..	..	..	63	64	66	64	66	62	70	64	66	65	66	69	66	66	67	68	61	62	63	67	71	74	66	68	63	..		65.9
Arkadelphia §§	Maximum	92	91	89	91	94	93	93	83	83	86	91	83	90	90	91	97	93	83	83	89	89	89	91	95	93	92	89	90	87	84		89.5
	Minimum	69	64	59	64	65	65	69	64	65	67	68	64	68	64	67	70	65	67	68	69	66	62	64	66	70	71	67	67	65	65		66.1
Batesville	Maximum	86	85	87	87	88	92	84	79	81	88	84	85	85	88	93	98	83	80	86	87	88	88	92	93	94	87	77	82	83	87		86.6
	Minimum	69	59	56	54	63	57	64	59	59	67	68	61	58	61	63	65	66	69	68	65	63	56	65	68	70	70	64	58	55	56		62.5
Bee Branch	Maximum	88	87	91	86	87	90	86	75	81	87	87	88	88	92	96	94	84	80	90	90	89	97	95	99	96	93	81	83	84	90		88.5
	Minimum	68	63	55	63	64	58	64	60	65	69	67	64	60	63	65	68	66	65	69	68	64	60	64	68	68	70	64	60	57	58		63.9
Benton	Maximum	86	85	85	90	90	90	79	78	84	88	81	87	88	89	92	92	84	81	85	86	87	89	90	91	91	89	84	85	86	87		86.6
	Minimum	67	60	55	66	63	59	68	60	70	70	65	62	64	61	64	69	65	68	68	68	64	59	62	68	69	72	64	65	57	57		61.0
Bentonville ***	Maximum	79	80	81	84	88	87	79	74	83	86	76	82	86	87	89	82	80	79	86	86	85	87	89	90	89	75	77	81	84	87		83.3
	Minimum	62	56	56	66	58	66	63	63	64	65	62	59	65	66	63	64	64	65	63	62	66	64	68	70	67	65	64	62	60	65		63.4
Blytheville	Maximum	81	82	86	88	89	93	90	90	80	88	87	80	85	96	93	90	87	78	81	84	85	89	91	95	94	88	78	81	83	89		86.9
	Minimum	67	64	56	57	68	72	66	56	67	65	74	65	58	57	63	65	66	68	68	68	62	62	67	69	73	71	66	56	55	59		64.3
Booneville	Maximum	86	84	86	89	89	90	87	79	85	89	85	87	87	89	95	92	85	80	91	90	89	91	92	93	92	86	87	86	86	91		87.9
	Minimum	67	60	57	64	60	43	66	64	65	71	63	66	69	67	68	70	66	66	66	68	66	61	65	69	69	71	65	67	65	68		65.7
Brinkley	Maximum	88	85	86	89	88	94	89	83	79	85	88	86	86	86	95	93	88	81	85	84	87	89	90	94	93	89	81	83	84	83		87.0
	Minimum	70	63	60	58	64	54	65	61	64	68	69	64	58	60	63	67	68	69	68	68	74	61	66	69	72	73	68	62	55	60		64.7
Camden	Maximum	93	89	89	90	95	95	93	81	82	90	90	87	90	92	95	93	95	81	89	90	89	89	94	94	94	92	88	88	88	91		90.2
	Minimum	72	65	58	65	67	65	73	65	66	72	72	63	67	62	67	70	67	67	66	70	66	61	62	72	72	72	69	67	63	62		66.8
Conway	Maximum	87	88	88	89	90	93	87	77	84	90	84	88	88	93	94	93	85	82	88	89	89	91	94	95	95	92	84	88	87	92		88.8
	Minimum	72	64	57	66	67	60	68	64	67	71	68	66	65	65	66	70	66	68	71	71	66	63	65	69	70	75	68	63	58	60		66.3
Corning	Maximum	83	84	88	89	88	91	85	82	84	91	85	86	83	90	94	89	77	80	86	86	89	90	92	95	94	83	78	81	86	89		86.6
	Minimum	69	60	55	65	64	56	65	56	64	68	71	61	57	56	60	63	64	66	68	66	60	59	65	68	72	71	65	55	54	56		62.6
Crossett	Maximum	92	85	88	87	91	93	93	81	83	90	91	85	88	90	94	93	89	82	92	87	83	91	93	92	94	93	88	88	84	87		88.9
	Minimum	65	62	54	60	62	62	65	63	64	68	69	62	66	60	63	65	67	67	67	66	63	60	60	68	70	72	67	65	60	55		63.9
Dardanelle	Maximum	89	87	85	90	90	92	89	82	86	90	88	86	88	92	95	94	84	80	90	89	91	91	94	90	95	88	83	83	86	90		88.6
	Minimum	70	64	57	67	63	64	67	65	68	70	65	66	69	67	68	70	69	67	71	70	66	62	67	72	71	73	70	67	62	66		67.1
De Queen	Maximum	88	87	88	89	89	91	87	81	85	88	86	85	89	90	92	90	86	85	88	90	89	89	94	91	90	90	89	86	85	90		88.2
	Minimum	68	60	60	70	66	65	66	65	67	72	65	66	69	68	70	70	66	67	69	70	68	65	64	70	70	75	67	68	67	68		67.4
Devils Knob	Maximum	80	79	77	83	79	84	80	70	75	79	78	79	78	81	84	83	77	72	83	81	81	82	83	86	83	79	74	76	77	82		79.5
	Minimum	62	56	63	59	63	65	58	58	59	64	59	61	63	64	67	65	62	62	65	67	65	67	66	69	69	65	62	59	59	61		62.8
Dumas	Maximum	91	87	91	92	94	97	85	82	82	92	88	90	88	93	99	97	88	80	92	91	88	85	95	96	92	94	86	85	85	93		89.9
	Minimum	70	65	57	62	64	63	70	60	65	68	71	65	62	62	63	67	69	68	68	62	64	63	65	72	70	72	70	66	60	57		65.3
El Dorado	Maximum	90	88	90	89	94	95	89	75	80	90	87	89	90	92	95	94	88	82	89	89	89	89	92	92	92	91	88	89	86	91		89.1
	Minimum	71	67	59	67	68	70	72	68	68	72	70	60	70	64	70	72	68	70	68	71	67	64	66	72	73	75	71	68	66	66		68.4
England	Maximum	87	84	89	83	90	91	87	89	..	..	86	86	89	92	94	92	84	80	84	88	88	91	93	92	..	89	..	..	85	88		88.0
	Minimum	71	65	59	66	66	61	61	68	..	..	78	65	61	63	66	68	67	69	69	71	64	65	72	72		67	..	..	58	59		66.0
Eureka Springs	Maximum	80	80	81	85	87	87	80	78	81	84	83	82	86	86	87	84	80	81	85	87	86	87	88	89	88	72	76	82	83	86		83.4
	Minimum	63	56	56	62	59	65	61	60	68	63	62	59	63	66	67	63	63	64	64	65	63	62	69	72	68	65	63	61	58	65		63.2
Fayetteville	Maximum	78	80	80	82	83	86	84	75	78	82	81	81	84	87	88	87	79	79	86	86	84	87	88	89	87	84	78	83	84	87		83.2
	Minimum	63	56	54	55	56	66	63	63	62	64	62	61	65	66	69	67	65	65	63	66	63	61	67	70	72	65	65	63	61	67		63.5
Fordyce	Maximum	92	90	90	91	94	96	93	80	79	90	90	..	..	92	98	95	86	80	89	89	89	91	94	95	94	94	87	85	87	90		90.0
	Minimum	71	70	60	65	67	70	72	65	66	70	74	..	..	64	78	71	66	70	67	66	67	65	65	71	72	72	69	67	63	62		68.0
Fort Smith***	Maximum	84	85	87	89	91	92	81	73	86	90	82	85	88	90	92	92	84	81	88	93	91	91	93	94	91	79	84	84	87	91		87.3
	Minimum	68	64	62	67	67	68	67	68	68	72	64	68	71	70	73	75	71	68	70	72	71	67	71	74	74	70	68	68	66	69		69.0
Gilbert	Maximum	88	80	84	85	86	85	88	76	78	82	88	79	82	85	89	93	88	82	77	87	85	86	89	90	94	91	78	74	81	83		84.4
	Minimum	69	54	52	63	58	57	63	59	65	64	62	61	57	60	61	65	64	66	67	65	63	60	63	63	64	70	64	53	49	56		61.2
Grannis	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	60	57	53	63	58	60	63	62	65	70	62	62	65	61	64	65	64	65	66	65	63	62	60	66	66	70	61	64	63	63		63.1
Gravette§§	Maximum	81	81	82	85	89	88	80	75	82	85	76	87	90	86	84	83	80	83	88	90	90	92	92	90	74	78	85	86	88	86		84.5
	Minimum	62	56	56	63	58	64	62	62	63	63	62	59	65	65	65	64	63	60	62	66	63	61	69	70	65	63	62	61	62	64		62.7
Green Mountain	Maximum	81	79	82	83	84	86	84	74	79	84	81	80	81	84	90	82	80	77	83	82	83	85	88	90	89	84	74	77	80	83		82.3
	Minimum	69	60	62	62	65	63	61	60	62	64	64	62	62	63	68	66	63	64	66	66	65	64	68	70	70	69	62	60	60	63		64.1
Harrison	Maximum	83	83	85	88	87	90	86	76	83	88	88	85	87	90	93	91	81	79	87	85	87	89	92	96	94	88	73	81	85	91		86.4
	Minimum	65	58	52	62	59	60	62	57	63	68	65	62	61	64	69	68	64	65	66	65	62	59	65	65	67	68	66	59	55	61		62.7
Helena	Maximum	88	83	84	87	85	91	88	81	76	85	85	84	83	87	92	91	86	80	82	83	85	87	87	89	90	87	78	80	80	84		84.9
	Minimum	72	63	57	64	64	61	68	61	65	67	73	65	60	63	65	69	68	67	67	68	63	63	68	72	73	73	67	61	58	60		65.5
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Hope §§	Maximum	84	84	85	86	89	88	87	73	79	84	77	90	88	86	92	89	85	80	86	86	89	84	87	88	92	88	88	88	84	90		85.9
	Minimum	66	63	58	66	65	66	72	65	65	70	66	64	66	64	70	71	68	66	67	70	68	63	63	66	65	75	68	67	65	65		66.4
Hot Springs	Maximum	91	89	92	96	97	98	92	86	93	95	79	93	94	97	101	99	83	80	95	93	93	96	98	99	97	91	89	89	93	96		92.8
	Minimum	70	65	57	64	65	63	70	63	66	70	66	64	67	63	67	69	66	65	69	70	64	61	64	70	72	74	65	66	64	63		66.1
Jonesboro	Maximum	87	83	87	86	86	91	86	81	80	88	83	84	85	89	94	89	86	80	83	85	86	88	91	95	93	89	82	80	83	87		86.2
	Minimum	69	62	58	66	67	59	64	57	65	67	76	64	60	58	61	64	65	68	67	67	64	63	68	71	72	73	66	60	58	57		64.4
Lead Hill	Maximum	84	83	84	87	86	88	78	73	82	87	82	85	84	88	92	88	82	78	88	86	88	89	91	94	81	76	74	77	85	81		84.4
	Minimum	64	55	50	62	56	58	61	56	62	66	63	56	57	61	63	66	64	64	67	64	58	56	62	63	64	68	64	63	53	59		60.8
Little Rock.***	Maximum	84	83	85	87	87	90	76	78	83	88	79	84	86	90	93	91	81	77	86	85	84	88	90	90	90	84	79	80	83	87		84.9
	Minimum	69	65	63	66	69	69	68	64	66	70	66	67	69	68	72	69	67	69	70	72	69	67	68	72	72	74	69	67	64	65		68.2
Little Rock [Airway]	Maximum	93	90	87	88	89	93	86	79	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	93	93	89	83	82	84	90		88.8
	Minimum	72	65	58	66	65	59	70	61	65	66	68	65	65	63	65	67	66	69	70	70	65	63	67	72	70	76	67	66	62	59		66.1
Lutherville	Maximum	85	84	84	87	87	91	82	73	82	88	80	86	84	88	91	89	81	78	80	89	87	86	90	92	91	80	76	84	82	86		84.8
	Minimum	67	61	57	63	64	63	64	61	65	77	63	63	66	65	67	68	66	65	69	68	64	62	66	68	69	70	67	62	58	63		65.0
Magnolia	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		.. .
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..
Mammoth Spring	Maximum	85	82	84	87	87	88	82	79	83	88	83	83	83	87	90	85	82	79	84	85	86	87	91	95	93	84	79	80	84	88		85.1
	Minimum	65	58	53	63	60	55	63	54	62	62	67	59	56	57	61	63	63	67	69	64	59	58	63	65	67	69	64	55	52	55		60.9
Marianna	Maximum	90	85	85	90	93	93	90	80	77	85	85	85	85	87	91	91	87	83	85	85	86	89	89	93	93	91	90	81	83	87		87.1
	Minimum	73	67	60	65	59	59	69	63	67	69	74	62	62	63	65	69	69	69	69	69	65	65	69	72	73	68	68	63	59	60		66.1
Marked Tree§§	Maximum	87	82	86	79	87	92	80	80	77	86	85	84	86	88	94	91	87	78	81	85	87	87	90	94	92	85	75	82	85	87		85.3
	Minimum	70	62	58	66	66	58	63	57	66	67	72	65	61	60	62	65	60	67	66	66	65	63	67	69	72	72	65	59	58	58		64.2
Mena	Maximum	85	82	87	89	91	89	82	75	85	88	84	86	88	90	93	90	82	82	87	88	89	90	92	92	90	82	85	87	86	90		86.9
	Minimum	68	63	56	63	61	64	64	64	66	72	63	62	67	64	66	69	65	64	67	67	65	61	63	70	70	71	63	65	65	65		65.1
Monticello	Maximum	92	82	84	86	92	94	83	74	71	87	84	83	86	90	95	94	88	74	88	88	86	88	92	92	93	91	86	82	82	88		86.5
	Minimum	72	70	66	69	74	74	70	63	64	68	70	70	72	72	66	67	66	66	69	69	70	69	69	73	74	71	69	69	66	69		69.2
Morrilton	Maximum	87	85	85	88	88	90	86	82	84	88	85	87	88	89	91	91	88	85	87	86	87	90	93	92	91	88	85	84	85	88		87.4
	Minimum	70	65	56	63	66	62	64	63	66	69	65	65	64	65	66	68	66	65	70	69	66	64	65	68	69	72	66	65	59	61		65.4
Mountain Home	Maximum	85	82	85	88	87	89	76	78	83	89	83	83	83	88	93	87	83	77	85	85	85	89	94	97	95	79	75	80	84	90		85.2
	Minimum	60	59	54	65	61	58	61	57	60	64	64	59	58	61	64	65	65	68	65	68	61	59	64	65	67	69	62	62	53	59		61.9
Mt. Ida	Maximum	82	84	..	..	..	..	88	72	83	88	82	88	88	88	93	91	81	81	88	89	89	90	92	91	90	86	88	88	86	90		86.8
	Minimum	67	60	51	62	57	58	70	59	56	69	63	61	61	60	63	65	65	64	65	66	61	56	59	65	65	71	61	64	59	60		62.1
Newport	Maximum	81	85	85	86	89	93	84	79	80	88	81	84	87	83	94	91	84	80	85	81	86	88	91	95	92	84	78	83	83	81		85 4
	Minimum	70	64	59	65	66	56	65	61	65	69	70	65	60	61	63	66	67	69	69	68	64	63	66	69	70	73	67	60	56	58		64.8
Oden***	Maximum	85	85	85	88	93	90	82	72	84	86	78	98	86	87	91	90	82	82	92	90	89	89	89	90	89	82	86	87	85	90		86.4
	Minimum	71	65	57	64	62	63	68	63	67	72	65	65	70	64	66	68	67	66	68	69	65	61	63	69	68	75	65	67	63	65		66.0
Okay	Maximum	91	89	89	90	92	92	91	87	86	90	89	89	89	91	93	92	92	81	89	90	89	90	94	92	92	91	91	88	87	91		89.9
	Minimum	65	59	60	64	64	63	60	64	66	73	66	65	64	66	70	71	68	66	67	67	68	65	63	71	72	66	67	67	67	66		66.0
Ozark	Maximum	81	86	84	88	90	92	84	84	85	88	85	85	86	88	92	92	81	80	87	89	88	89	89	88	94	86	85	83	84	89		86.7
	Minimum	66	61	57	69	62	64	63	63	66	70	64	69	69	69	69	65	67	66	69	69	66	63	67	67	69	71	67	65	65	60		65.9
Pine Bluff	Maximum	85	84	85	86	90	91	81	76	80	88	84	86	87	89	92	92	82	78	86	86	86	88	90	91	91	89	82	84	83	86		85.9
	Minimum	73	67	61	66	68	68	70	65	65	67	71	67	68	65	68	73	67	70	69	73	68	65	67	73	74	72	70	68	62	60		68.0
Pocahontas	Maximum	87	84	86	87	87	89	85	86	81	86	83	84	86	88	93	88	83	81	83	87	89	90	92	94	93	89	81	82	85	87		86.5
	Minimum	70	63	56	65	65	71	..	..	..	..	73	62	60	58	63	65	65	70	69	70	67	60	65	68	70	72	66	58	57	57		64.8
Portland	Maximum	93	88	88	88	92	93	93	87	93	90	92	87	85	89	93	92	91	84	90	86	85	90	93	93	93	91	89	85	85	90		89.6
	Minimum	66	64	56	60	63	63	65	63	64	66	69	64	66	62	64	65	69	69	65	68	65	64	66	69	70	71	68	64	61	57		64.9

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day

Daily temperatures for June, 1938, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott	Maximum	91	89	90	91	94	95	94	87	86	92	90	89	89	92	95	95	92	84	89	90	89	90	95	95	93	90	89	87	86	92		90.7
	Minimum	67	63	60	65	66	67	73	66	67	72	67	64	69	65	70	72	67	66	67	71	68	64	65	71	72	71	69	67	64	64		67.3
Rogers	Maximum	81	81	81	85	89	87	81	75	81	85	82	84	86	88	90	84	79	80	86	86	86	86	91	90	89	73	75	82	83	86		83.7
	Minimum	64	56	52	64	57	62	62	62	64	64	62	59	65	66	66	65	63	65	63	64	61	59	64	67	67	64	64	62	60	64		62.6
Russellville [Evap]	Maximum	90	86	88	90	89	93	92	81	86	90	90	89	88	91	93	91	84	83	90	89	90	90	89	94	95	88	84	85	87	93		88.9
	Minimum	70	62	57	66	63	62	66	63	67	68	65	65	67	65	67	68	69	68	70	68	64	62	66	69	69	73	69	65	64	62		66.0
Searcy	Maximum	87	85	87	87	87	93	84	80	82	89	84	85	87	90	94	90	85	80	87	86	88	90	92	93	92	86	83	82	85	89		87.0
	Minimum	68	62	56	65	65	59	66	63	65	69	68	65	60	62	65	69	66	70	70	69	65	61	66	69	71	74	69	62	56	58		65.1
St. Charles	Maximum	89	85	87	89	91	93	89	75	80	78	87	87	87	87	88	92	92	85	77	86	86	87	89	92	94	94	91	82	83	84		86.9
	Minimum	70	65	60	65	66	62	69	64	69	68	73	67	64	65	66	69	69	68	68	70	67	64	66	72	74	74	68	65	61	62		67.0
Stuttgart	Maximum	88	85	88	90	90	94	85	80	82	89	86	86	87	90	96	95	85	78	88	87	87	90	91	94	93	90	82	84	84	88		87.7
	Minimum	69	63	58	65	69	60	70	62	63	67	73	65	61	62	65	68	66	68	68	69	65	64	65	71	71	72	66	65	60	60		65.7
Subiaco	Maximum	86	88	88	89	91	92	87	77	87	89	85	86	89	91	93	93	84	82	89	90	90	92	93	95	93	83	84	86	87	92		88.4
	Minimum	69	63	59	65	63	64	64	63	65	70	63	64	68	68	68	70	67	64	68	68	66	62	68	70	70	70	67	65	62	65		65.9
Texarkana	Maximum	88	87	89	91	92	92	88	88	87	91	90	89	91	92	94	93	87	87	90	92	90	90	95	93	93	91	88	89	87	92		90.2
	Minimum	65	66	64	62	65	65	63	65	66	67	67	65	65	70	71	71	70	66	68	70	70	70	68	70	70	72	70	68	69	70		67.6
Thornburg	Maximum	86	87	85	88	91	92	80	75	84	88	84	88	89	90	93	88	82	77	88	88	88	88	91	89	90	88	86	85	88	89		86.8
	Minimum	69	61	48	63	56	57	65	55	63	69	63	63	64	59	63	64	62	65	69	66	57	55	60	65	66	63	61	61	53	59		61.5
Turnpike	Maximum	78	77	77	79	81	82	76	70	76	80	76	78	79	80	85	83	76	73	81	81	80	80	83	85	83	77	70	76	77	80		78.6
	Minimum	64	58	63	59	60	65	58	58	60	65	59	60	64	64	78	72	73	67	66	67	66	67	68	70	70	67	63	65	59	63		64.6
Warren	Maximum	90	87	89	89	94	95	91	79	80	91	88	89	89	90	95	93	89	78	91	89	87	90	93	93	92	91	87	85	85	90		89.0
	Minimum	71	65	57	65	67	66	71	64	66	69	73	65	68	62	66	71	67	69	68	71	66	63	64	72	73	73	70	66	62	59		67.0
White Rock	Maximum	77	77	76	80	80	81	79	72	76	80	78	78	78	80	84	84	79	75	82	83	82	83	83	84	82	77	74	76	74	81		79.1
	Minimum	62	59	63	61	59	65	60	60	60	66	59	61	66	65	68	68	62	62	65	67	67	66	65	70	68	64	63	60	60	63		63.5
Wilson	Maximum	85	80	81	83	83	88	86	85	80	84	83	82	81	83	88	88	84	82	84	84	83	86	85	91	90	90	78	78	79	83		83.9
	Minimum	70	63	53	65	67	58	66	60	67	60	74	67	61	58	64	65	67	66	68	86	63	67	68	68	71	74	66	58	54	57		64.4
Wynne	Maximum	87	84	87	88	86	92	87	81	78	86	84	86	86	88	93	91	86	81	83	86	85	88	89	94	92	87	81	81	83	87		86.2
	Minimum	71	61	54	64	63	56	65	59	67	68	75	64	60	60	63	65	67	68	68	67	63	61	67	70	72	74	67	60	55	57		64.5

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for June, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.349	.047	.316	.084	.482	.274	.338	.240	.037	.169	.326	.100	.018	.357	.284	.286	.335	.164	.106	.128	.254	.256	.270	.357	.343	.318	.234	.012	.354	.282		7.020
	Mean tem.	75	74	72	76	77	77	80	69	72	77	72	77	77	75	81	80	76	73	76	78	78	74	75	77	78	82	78	78	74	78		76.2
	Wind move	55	66	27	24	47	4	69	53	27	51	75	40	12	7	18	36	31	23	25	27	21	12	11	37	52	73	52	28	26	3		1032
Russellville [Ozark Nursery]	Evap.	.306	.318	.250	.284	.264	.310	.182	.186	.086	.104	.204	.212	.266	.294	.268	.220	166	.156	.192	.217	.189	.367	.241	.320	.314	.218	.136	.228	.286	.302		7.026
	Mean tem.	80	74	72	78	76	78	79	72	76	79	78	77	78	78	80	80	76	76	80	78	77	76	78	82	82	80	76	75	76	78		77.4
	Wind move	47	53	24	41	14	38	39	23	34	40	63	14	20	23	2	18	20	22	35	12	23	10	12	37	37	54	20	31	60	11		899
Stuttgart [Rice Exp. Farm]	Evap.	.338	.275	.254	.251	.231	.272	.275	.088	.126	.031	.243	.194	.203	.238	.249	.244	.388	.140	.053	.103	.215	.226	.210	.216	.248	.294	.138	.152	.206	.213		6.314
	Mean tem.	81	75	71	75	76	74	82	72	72	74	81	76	73	74	76	82	80	77	74	79	76	75	77	81	82	84	79	74	72	71		76.5
	Wind move	103	88	43	44	41	36	76	64	44	101	165	89	30	44	36	65	71	47	87	47	44	33	20	49	66	141	50	41	34	25		1824

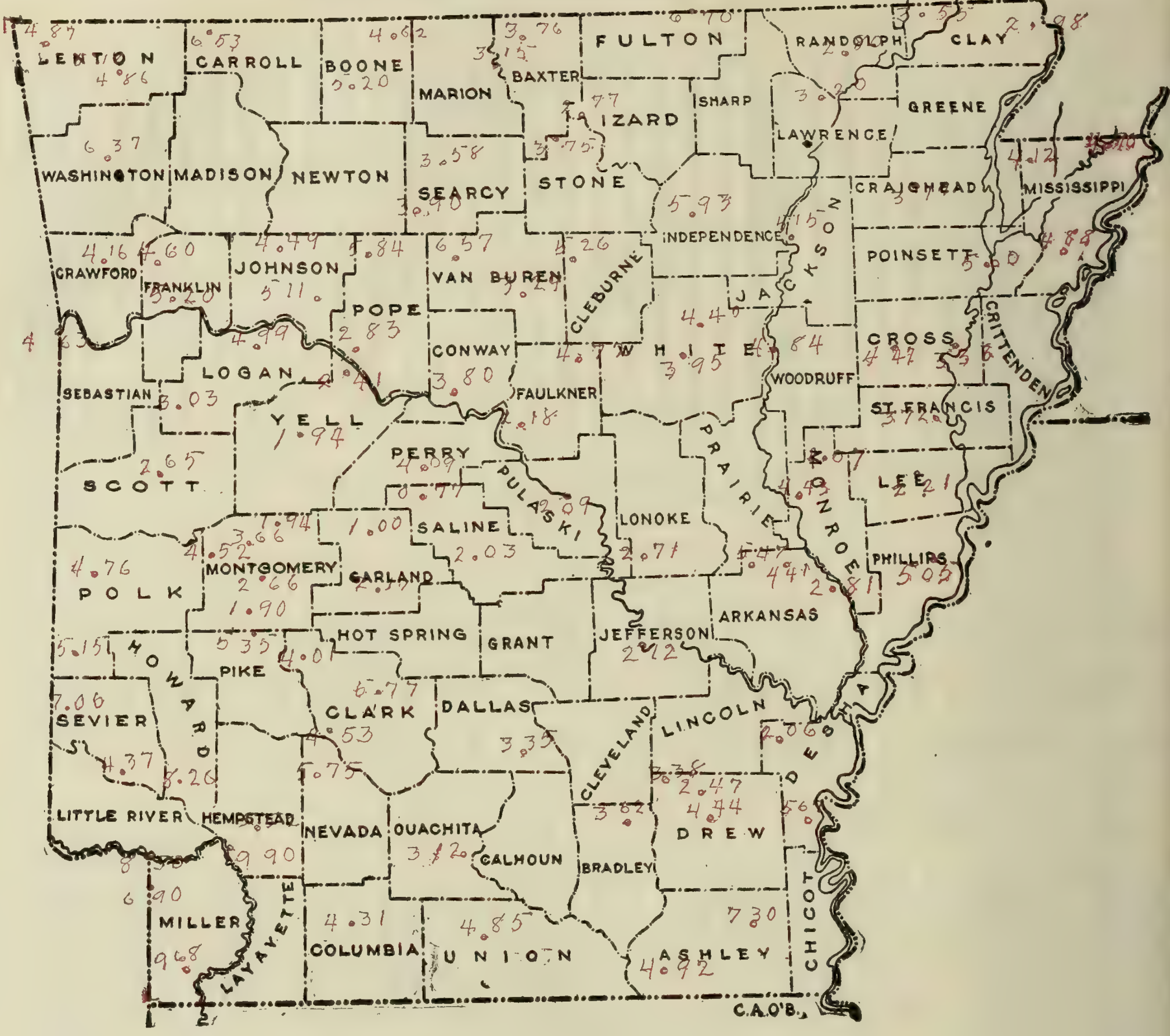
Daily River Stages for June, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	21.9	21.2	20.3	19.7	19.1	18.1	17.8	16.6	15.1	15.8	16.8	20.0	22.0	21.2	18.4	16.8	15.3	13.8	15.0	16.8	16.6	17.1	14.8	12.2	11.0	11.1	10.4	12.2	11.3	10.4	
Van Buren	do	22	22.2	21.8	20.8	20.6	19.9	19.0	18.7	17.8	16.1	16.6	17.6	20.5	22.3	21.9	19.4	17.9	16.4	14.8	15.8	17.4	17.3	17.8	15.6	13.0	11.3	11.4	10.6	12.7	11.8	10.7	
Danville	Petit Jean	20	4.3	3.9	3.6	3.5	3.4	3.3	3.3	3.1	3.0	2.9	3.1	3.9	7.2	6.3	4.2	3.7	3.4	3.3	3.5	5.2	5.8	4.7	3.9	3.5	3.2	3.0	2.9	2.8	2.7	2.6	
Ozark	Arkansas	22	17.2	17.7	17.9	16.9	15.9	15.4	14.6	14.2	13.7	11.8	13.3	16.0	17.9	18.0	18.1	14.4	12.8	11.1	10.5	12.8	13.5	14.0	12.7	9.5	7.3	6.6	6.1	6.8	6.4	6.3	
Dardanelle	do	22	18.8	19.1	19.5	18.6	18.2	17.7	17.0	16.8	15.9	14.6	14.6	16.6	18.7	20.2	19.6	17.5	16.1	14.7	13.1	14.2	15.6	15.6	15.9	14.0	11.6	10.0	9.8	9.2	10.3	10.2	
Morrilton	do	20	16.1	16.5	16.8	16.0	15.7	15.0	14.6	14.1	13.7	12.2	11.3	12.9	15.2	16.8	17.0	15.4	13.8	12.4	11.4	10.4	12.3	12.9	13.1	12.1	9.5	7.3	6.5	6.0	6.1	7.1	
Little Rock	do	23	17.0	16.4	17.1	16.7	15.9	15.4	14.8	14.2	13.9	13.0	11.6	11.6	13.4	15.8	17.2	16.5	14.6	18.2	11.7	10.2	10.9	12.4	12.6	12.8	10.9	8.8	7.3	6.8	6.3	6.9	
Pine Bluff	do	25	20.9	19.9	19.8	20.4	19.8	19.2	18.6	18.2	17.8	17.2	16.4	15.4	15.9	17.8	19.5	20.3	19.4	17.9	16.6	15.3	14.0	15.3	16.3	16.5	16.2	14.2	12.3	10.9	10.5	10.1	
Gilbert	Buffalo	30	4.4	4.2	3.9	3.9	4.1	4.0	3.8	3.8	4.3	4.1	4.2	4.1	3.9	3.8	3.8	3.8	3.7	4.0	4.2	5.1	4.9	4.6	4.1	3.8	3.6	3.6	3.5	3.5	3.3	3.3	
Doniphan, Mo.	Current	10	4.6	4.6	4.6	4.5	4.5	4.4	4.3	4.2	4.0	4.5	4.2	4.1	3.9	3.7	3.4	3.5	4.8	5.6	7.2	8.6	6.8	5.9	5.0	4.4	4.4	4.5	4.6	4.4	4.3	4.1	
Black Rock	Black	14	11.6	10.9	9.5	8.9	8.5	8.2	8.0	7.9	7.6	7.7	7.5	7.1	6.6	6.2	5.7	5.7	6.0	7.9	8.0	12.0	12.5	12.2	11.1	10.4	9.3	8.5	7.7	7.4	7.1	6.8	
Judsonia	Little Red	..	25.1	24.8	24.5	24.2	23.8	23.3	22.6	22.4	21.5	21.0	20.8	20.8	20.7	20.5	20.0	19.3	18.5	17.4	16.0	17.0	20.2	19.0	18.7	18.4	18.0	17.4	16.6	15.6	14.4	13.2	
Ozark Beach Mo	White	30	8.2	6.4	5.4	5.2	4.5	4.6	6.8	10.5	8.2	6.5	6.0	5.6	5.6	5.7	5.1	4.3	4.7	5.1	5.2	4.9	4.6	4.4	3.5	2.2	-0.7	2.0	2.6	1.2	0.0	2.2	
Cotter	do	21	9.8	9.3	7.8	6.9	6.6	6.5	6.0	13.2	11.9	9.9	8.5	7.6	7.1	6.8	6.8	6.8	6.3	6.5	7.0	7.0	6.6	6.1	6.0	6.0	5.6	5.6	5.6	4.8	4.5	4.5	
Calico Rock	do	18	9.3	8.7	7.3	6.1	5.6	5.4	5.0	11.6	10.5	10.3	8.0	6.8	6.3	5.8	5.5	5.2	4.8	5.0	6.6	6.7	6.1	5.2	4.7	4.4	3.7	3.2	2.6	2.6	2.8	2.5	
Batesville	do	23	17.8	15.6	14.6	12.8	11.9	11.3	11.0	11.1	18.2	17.3	14.9	13.7	12.5	11.9	11.3	11.2	10.5	10.8	11.2	13.4	12.7	11.7	10.8	10.2	9.9	8.9	8.4	7.9	7.8	8.0	
Newport	do	26	22.8	21.8	20.7	19.2	17.3	15.6	14.1	13.5	15.8	17.7	17.9	16.7	15.2	13.9	12.5	11.4	11.0	10.3	10.6	12.8	14.7	15.1	14.7	13.7	12.5	11.2	9.7	8.6	7.7	7.1	
Georgetown	do	21	22.7	22.6	22.5	22.3	22.1	21.8	21.4	21.0	20.5	20.2	19.9	19.8	19.7	19.5	19.1	18.5	17.9	17.0	16.4	16.2	17.3	17.6	17.5	17.4	17.2	16.7	16.0	15.1	13.9	12.8	
Clarendon	do	26	25.3	25.8	26.2	26.5	26.8	26.9	27.0	27.0	27.0	26.9	26.7	26.4	26.1	25.9	25.7	25.5	25.3	25.1	24.9	24.6	24.3	24.0	23.7	23.6	23.5	23.4	23.4	23.2	23.0	22.7	
St. Charles	do	..	23.8	24.0	21.2	24.4	24.6	24.8	25.0	25.1	25.3	25.4	25.4	25.3	25.2	25.1	25.0	24.9	24.8	24.7	24.6	24.5	24.4	24.3	24.1	23.9	23.8	23.7	23.6	23.5	23.4	23.2	
Arkadelphia	Ouachita	17	6.7	5.5	6.2	5.9	4.8	4.6	4.7	4.2	4.7	5.4	4.4	4.3	4.4	4.4	4.2	4.1	4.4	5.7	5.1	5.0	4.9	5.2	6.1	4.7	4.7	4.4	4.7	4.9	4.5	4.3	
Boughton	Little Mo.	20	6.6	6.6	6.5	4.9	4.8	4.3	4.5	4.5	4.5	5.2	5.5	5.4	5.3	6.6	6.7	6.8	4.9	8.8	11.1	12.7	13.2	11.2	10.0	9.6	6.5	5.4	5.3	5.3	4.8	4.7	
Camden	Ouachita	26	5.0	7.3	7.0	6.1	6.2	5.8	5.1	5.0	5.0	5.2	5.0	5.5	5.4	5.2	5.1	5.6	5.8	5.6	6.6	8.6	8.8	9.9	10.3	10.4	8.8	6.6	5.5	5.4	5.3	5.3	
Whitecliffs	Little River	25	15.4	12.9	10.1	6.0	5.0	3.7	3.0	3.0	4.2	3.4	3.1	7.0	9.0	14.9	17.0	16.2	14.0	10.7	10.7	11.3	12.1	11.0	10.1	8.8	7.0	5.1	3.8	2.9	2.9	2.6	
Index	Red	25	15.0	15.6	12.8	11.6	11.6	11.2	10.8	10.6	10.2	12.0	15.6	15.2	16.2	18.2	17.2	16.4	14.6	13.1	12.1	12.2	11.8	14.2	12.8	11.4	10.5	10.4	10.0	9.7	9.3	9.3	
Fulton	do	25	18.4	16.4	14.5	12.8	14.4	10.6	10.0	9.7	10.7	10.5	13.3	15.3	15.0	19.0	20.3	19.0	17.4	15.2	13.2	13.2	13.4	14.6	14.5	12.5	11.0	10.1	9.7	9.3	8.8	8.4	
Springbank	do	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Big Lake Outl't	St. Francis	18	5.4	5.9	5.9	5.9	6.0	6.0	6.0	6.0	5.9	5.8	5.6	5.5	5.4	5.4	5.4	5.5	5.7	5.8	6.0	6.5	6.8	7.3	7.7	7.9	7.9	7.7	7.4	7.1	6.7	6.4	
St. Francis	do	..	17.3	16.6	15.5	13.5	11.0	10.1	8.6	7.7	7.1	6.8	6.7	7.4	8.8	9.0	8.2	7.4	6.7	6.6	8.9	11.0	11.7	12.1	12.3	12.4	12.1	10.7	9.4	8.4	7.6	7.1	
St. Francis L.L.	do	17	18.9	19.2	19.5	19.7	19.9	20.2	20.4	20.8	21.0	21.4	21.6	21.8	21.8	21.7	21.6	21.5	21.5	21.4	21.4	21.4	21.5	21.5	21.5	21.7	21.7	21.8	21.8	21.8	21.8	21.8	
Marked Tree	do	23	7.6	7.4	7.4	7.5	7.5	7.4	7.2	7.5	7.7	4.6	2.7	2.3	2.0	1.9	1.8	1.8	1.8	1.8	2.4	2.6	2.3	2.2	2.1	2.0	1.8	1.8	1.8	1.7	1.7	1.6	
Parkin	do	32	8.7	8.9	9.1	9.5	9.9	10.0	10.1	11.1	11.9	11.9	10.9	9.7	8.5	7.5	6.9	6.5	6.4	6.5	6.9	8.3	8.8	8.6	8.1	7.6	7.1	6.7	6.4	6.3	6.1	6.0	
Madison	do	42	13.7	14.9	15.9	16.5	17.0	17.1	17.3	17.5	17.6	17.4	16.6	15.5	14.0	12.4	11.1	10.3	10.3	10.6	10.8	11.2	11.3	11.0	10.4	9.9	9.4	9.0	8.6	8.2	7.9	7.7	
Helena	Mississippi	42	34.6	35.8	36.8	37.4	37.8	38.0	38.0	37.9	37.5	36.9	35.9	34.5	32.7	31.0	29.9	29.6	29.9	30.2	30.3	30.1	29.3	28.6	27.9	27.5	27.2	26.8	26.4	25.9	25.5	25.3	
Arkansas City	do		29.4	30.3	31.0	31.5	32.0	32.4	32.5	32.7	32.7	32.6	32.3	31.8	31.0	29.9	29.1	28.5	28.3	28.4	28.4	28.0	27.4	26.7	26.0	25.6	25.3	25.0	24.4	23.6	22.8	22.1	

T. **less than** 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. **addresses as follows:**—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||| 24 hours ending 7 a. m. *Included in next measurement.

The **departures** from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1965, **inclusive**.

Precipitation for June, 1938



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLIII Little Rock, Ark., July, 1938 No. 7

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Temperatures averaged above normal for July while precipitation averaged about normal. The weather was hot the first two weeks of the month, especially in the southwestern portion of the State where maximum temperatures of 100° or more were recorded nearly every day. The latter half of the month was cooler and was marked by frequent showers.

The average temperature for the month based on the reports of 65 stations, was 82.0°, which is 1.5° above the 48-year average. The monthly means ranged from 85.1° at Hot Springs to 78.0° at Grannis. The highest temperature the month was 109° recorded at Hot Springs on the 13th. The lowest temperature for the month was 59° recorded at Grannis on the 4th and Lead Hill on the 15th, 16th, 21st and 24th. The greatest daily range was 42° at Bee Branch.

The average precipitation for the month, based on the reports of 98 stations, was 3.74 inches which is 0.06 inch below the 48-year average. Monthly totals ranged from 0.65 inch at Arkansas City to 12.90 inches at Corning. The greatest 24-hour amount was 5.64 inches recorded at Corning on the 31st. Rainfall during the first two weeks was very light, but frequent showers were recorded during the latter half of the month. During the rain period from the 16th to the 20th, heavy showers were reported at a number of stations throughout the State. On the 18th Corning reported 4.40 inches and on the 19th Hope reported 5.05 inches. From the 28th to the 31st rainfall was quite general over the State being heavy to excessive in the southwestern, south-central and northeastern counties. Corning reported a total of 8.27 inches for the last three days. The average number of days with 0.01 or more rainfall was 7.

Crops made good to excellent progress during the month due to the warm weather and timely showers. Cotton was in bloom and the warm weather caused rapid development of bolls. Some boll weevil activity was reported during the latter portion of the month. The corn crop was in good condition and the early corn was about matured in most sections near the close of the month. Rice made good progress and the early rice was heading in the southern portion of the belt. Early peaches, melons and cantaloupes were being shipped the first part of the month. The weather was favorable for meadows, pasture and all truck crops most of the month. O. D. N.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog																			1	2	1								1	3	1
Light Hail																															
Moderate Hail																															
Thunderstorm	1				7	7	15	9	4	6	4	15	5	18	4	16	15	12	10	6	11	17	4	5	4		1	15	14	22	11

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.92	30.03	11	29.78	31	4.5	19	nw	7	..	.	..	80
Fort Smith	29.96	30.09	10	29.81	31	5.5	31	sw	14	83	50	53	72
Little Rock	29.95	30.09	10	29.78	31	6.4	27	e	12	85	50	56	73
Memphis	29.96	30.18	12	29.79	31	6.1	36	sw	14	80	58	61	64

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	4
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79.6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2.32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
Period	80.5	116	40	3.80	0	7	15	11	5

Climatological Data for July, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Alum Fork Reserv.	Saline	755	2	...	...	...	...	61	1†	..	5.05	...	1.32	0.0	8	16	2	13	e.	L. R. Water Works
Amity	Clark	500	43	84.6	+3.6	104	5†	64	1†	31	3.08	−0.17	0.96	0.0	8	1	29	1	...	J. W. Campbell
Arkadelphia	Clark	200	13	83.6	...	105	5†	65	1	37	5.71	+2.95	3.71	0.0	8	14	15	2	s.	Mrs. Ted R. Carpent
Arkansas City	Desha	145	54	...	...	...	...	...	...	...	0.65	−2.99	0.40	0.0	2	23	2	6	...	Herbert Neff
Batesville	Independence	277	39	81.5	+1.7	102	11	61	22	35	4.62	...	1.93	0.0	10	12	9	10	s.	Airway Observer
Bee Branch	Van Buren	700	46	83.0	+2.4	107	11	60	3	42	6.10	+2.69	1.40	0.0	8	12	11	8	s.	J. E. Scanlan
Benton	Saline	285	3	81.8	...	102	14	62	3	34	5.95	...	3.10	0.0	9	21	7	3	s.	S. A. Burks
Bentonville	Benton	1295	33	79.2	+1.8	96	5	64	20	28	3.25	−1.09	0.91	0.0	7	17	9	5	s.	U. S. Weather Burea
Big Lake Outlet. ‡‡	Mississippi	239	8	...	...	...	...	...	...	...	2.95	...	1.57	0.0	6	21	2	8	...	C. J. Brooks
Black Rock	Lawrence	259	37	...	...	...	...	...	...	...	2.93	−0.81	1.05	0.0	5	23	2	6	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	81.8	−0.2	103	3	63	16	31	4.01	+0.79	1.23	0.0	6	23	6	2	s.	Samuel Norris
Booneville	Logan	465	24	82.9	+0.9	105	13	64	3†	39	4.22	+0.67	1.15	0.0	8	6	23	2	e	F. H. Randolph
Boughton ‡‡	Clark	235	3	...	...	...	...	...	...	...	2.62	...	1.95	0.0	3	4	20	7	...	Harry Buie
Brinkley	Monroe	205	51	82.8	+1.7	102	14	65	1†	32	1.21	−3.07	0.49	0.0	8	9	15	7	ne	R. J. Torry
Calico Rock	Izard	361	34	...	...	...	...	...	...	...	4.88	+1.94	2.79	0.0	9	17	5	9	...	William Jones
Camden	Ouachita	116	53	83.6	+2.4	102	5†	66	4	34	2.55	−1.46	0.88	0.0	8	8	14	9	s	J. M. Knight
Carthage	Dallas	297	33	83.3	+2.5	102	5	68	8	31	3.66	−0.56	1.29	...	5	5	26	0	s.	P. K. Wyne
Clarendon	Monroe	172	54	...	...	...	...	...	...	...	3.95	+0.56	0.91	0.0	11	16	8	7	sw.	R. M. Wheatley
Clinton	Van Buren	516	17	...	...	...	...	...	...	...	6.72	+4.15	2.13	0.0	10	15	12	4	sw.	A. L. Stephens
Conway	Faulkner	309	55	84.5	+2.5	105	4†	67	23	31	5.12	+1.[illegible]	1.41	0.0	12	17	12	2	s.	L. E. Cordrey
Corning	Clay	293	45	81.6	+1.8	103	11	60	16	37	12.90	+9.50	5.64	0.0	5	17	8	6	s.	Winfred D. Polk
Cotter	Baxter	440	11	...	...	...	...	...	...	...	4.08	+0.98	1.90	0.0	5	21	3	7	..	O. B. McSpadden
Crosset (near)	Ashley	175	26	80.8	−1.6	101	5	63	3	34	1.6[illegible]	−2.5[illegible]	0.38	0.0	10	7	17	7	s	U. S. Forest Service
Danville	Yell	327	22	...	...	...	...	...	...	...	3.86	+0.40	1.30	0.0	11	13	13	5	...	J. M. Patterson
Dardanelle	Yell	330	52	...	...	...	...	66	23	...	2.99	−0.10	1.39	0.0	8	2	18	11	s.	Geo. N. Goodier
De Queen	Sevier	426	3	82.4		101	14	64	3†	32	2.09	...	0.76	0.0	7	13	10	8	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	78.2	...	93	5	64	8	24	2.96	...	1.11	0.0	8	16	13	2	sw.	U. S. Forest Service
Dumas	Desha	162	33	84.2	+1.9	103	4†	68	1	32	3.23	−1.38	0.96	0.0	8	2	26	3	s.	Ben Johnson
El Dorado	Union	270	35	83.4	+1.0	102	5	69	16	29	6.63	+2.59	3.20	0.0	10	13	11	7	sw.	Mrs. E. W. Gaston
England	Lonoke	229	32	82.6ᵈ	+1.0	101ᵈ	4	69ᵈ	1†	31ᵈ	3.08	−0.21	0.67	0.0	10	14ᵉ	7ᵉ	5ᵉ	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	38	80.0	+1.4	97	6†	64	22	27	2.62	−1.68	1.03	0.0	9	21	8	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	51	80.2	+1.8	98	11†	60	16	34	1.80	−2.11	1.38	0.0	5	15	15	1	sw.	University of Arkans
Fordyce	Dallas	275	10	83.8	...	103	6	69	16†	31	5.79	...	1.80	0.0	9	4	27	0	s.	Mercille McMurry
Fort Smith	Sebastian	448	57	83.8	+2.3	100	12	70	23	27	1.34	−2.03	0.51	0.0	7	13	13	5	e.	U. S. Weather Bure
Fulton	Hempstead	260	53	...	...	...	...	...		...	4.77	+1.02	1.74	0.0	9	16	9	6	...	T. J. Logan
Georgetown	Woodruff	200	26	...	.	...	...	...		...	5.14	+1.78	2.95	0.0	6	22	1	8	...	W. R. Putt
Gilbert	Searcy	600	13	79.8	...	100	6†	60	16	34	2.31	−1.18	1.53	0.0	5	20	3	8	...	F. J. King
Glenwood	Pike	547	3	...	...	...	...	...	...	...	1.43	...	0.60	0.0	5	19	10	2	...	C. A. Price
Grannis	Polk	900	19	78.0	−1.4	100	14	59	4	34	5.59	−0.75	2.57	0.0	10	10	13	8	se.	W. E. McVay
Gravette	Benton	1250	41	80.4	+2.6	101	13	62	1†	25	1.08	−3.09	0.50	0.0	4	19	12	0	sw	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	...	...	...	...	...	...	...	3.57	...	2.00	0.0	5	8ᵏ	8ᵏ	4ᵏ	se	U. S. Forest Service
Harrison	Boone	1052	38	81.4	+4.0	102	3†	61	16†	41	1.94	−2.17	0.87	0.0	5	22	4	5	sw.	Louis R. Keck
Helena	Phillips	300	66	81.6	0.0	97	14	65	15†	28	0.97	−2.73	0.33	0.0	6	14	8	9	sw.	James A. Burnett
Higden	Cleburne	445	19	...	...	...	...	...	...	...	4.36	+0.91	1.24	0.0	9	15	12	4	s.	Austin E. Cartwrigh
Highland	Pike	491	19	80.5	...	100	21	66	2	30	2.01	−1.85	1.66	0.0	2	12	16	3	n.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	81.2	+0.6	101	14	66	25	29	9.14	+4.78	5.05	0.0	9	17	8	6	sw.	Experiment Farm
Hot Springs	Garland	600	47	85.1	+3.3	109	13	68	21†	39	3.45	−1.15	1.33	0.0	8	4	25	2	s.	National Park Serv
Index ‡‡	Little River	275	21	...	...	...	...	...	...	...	3.20	−0.14	0.82	0.0	8	25	2	4	...	W. E. McDowell
Jessieville	Garland	750	12	...	...	...	...	...	...	...	4.40	+0.96	2.50	0.0	4	3	27	1	sw.	U. S. Forest Service
Jonesboro	Craighead	345	43	81.9	+1.3	100	11†	66	16	29	5.53	+2.24	3.54	0.0	8	6	15	10	sw.	Benedictine Sisters
Judsonia	White	...	2	...	...	...	...	...	...	...	2.06	...	0.45	0.0	8	10	15	6	...	T. H. Beals
Lead Hill	Boone	650	32	80.0	−0.2	102	11	59	15†	39	1.56	−1.89	0.57	0.0	5	22	6	3	sw.	J. H. Crosswhire
LITTLE ROCK	Pulaski	324	59	82.8	+1.9	100	4	70	23†	26	2.50	−1.00	1.09	0.0	9	11	9	11	e.	U. S. Weather Bur
Little Rock Airway	Pulaski	257	2	82.8	...	100	3†	68	31	30	4.80	...	2.88	0.0	9	8	10	13	s.	Airway Observer
Lutherville ‡‡	Johnson	775	39	81.4	+1.3	98	4†	65	23	30	5.70	+1.95	1.46	0.0	10	17	9	5	se.	H. G. Lenhardt
Madison	St. Francis	209	8	...	...	...	...	...	...	...	4.12	..	2.00	0.0	4	11	7	13	...	J. W. Eppes
Magnolia	Columbia	315	22	..	...	...	..	63ᶠ	8†	...	7.59	+4.04	1.70	0.0	9	0ᶠ	18ᶠ	7ᶠ	s.	State Agri. School
Mammoth Spring	Fulton	600	34	80.2	+1.6	101	11†	60	16	38	5.13	+1.31	2.10	0.0	6	15	12	4	sw.	Paul Morton
Marianna	Lee	235	27	83.2	+2.0	109	3†	69	16	29	2.73	−0.74	0.98	0.0	8	9	22	0	s.	C. N. Houck
Marked Tree	Poinsett	229	34	81.8	+0.7	99	3	64	16	31	1.99	−1.51	0.63	0.0	8	15	14	2	n.	Charles Walton
Mena	Polk	1207	50	81.9	+1.7	102	14	64	4†	35	2.13	−1.67	0.77	0.0	12	11ᵃ	13ᵃ	6ᵃ	sw.	F. W. St. John
Monticello Airway	Drew	273	2	83.2	...	100	5	67	19	27	6.00	...	2.62	0.0	8	12	8	11	sw.	Airway Observer
Monticello (near)	Drew	273	3	...	...	...	...	...	...	...	6.62	...	2.20	0.0	9	..	..	..	...	Soil Conservation S
Montongo	Drew	...	3	...	...	...	...	...	...	...	2.22	...	1.02	0.0	6	..	..	..	...	Soil Conservation S
Morrilton	Conway	315	19	83.4	+0.5	103	5	66	23	30	2.59	−0.11	1.00	0.0	7	8	19	4	s.	Mrs. Freda M. Ashc
Mountainburg (nea	Crawford	2010	1	...	...	...	...	...	..	...	3.10	...	1.33	0.0	10	16	7	8	se.	C. A. Lovell
Mountain Home	Baxter	800	26	80.0	+0.8	102	11†	62	15†	37	3.63	−0.21	1.53	0.0	5	11	14	6	s.	H. N. Halbert
Mount Ida	Montgomery	702	39	81.1	+1.1	103	6†	60	3	41	2.65	−1.08	0.80	0.0	7	9	16	6	sw.	G. A. Whittington
Newport	Jackson	231	55	82.4	+1.1	101	14	64	16	30	1.03	−2.06	0.47	0.0	7	16	13	2	n.	J. D. Henderson
Norman	Montgomery	687	10	...	...	...	...	...	...	...	2.86	...	0.95	0.0	5	7	15	9	s.	U. S. Forest Servic
Oden	Montgomery	800	11	81.8	...	102	5	67	3†	34	3.75	...	2.64	0.0	6	8	21	2	sw.	U. S. Forest Servic
Okay	Howard	288	10	82.7	...	100	6†	64	4	33	4.60	...	1.50	0.0	8	14	11	6	s.	Charles R. Jackson
Ozark	Franklin	396	43	82.4	+0.3	100	11†	62	7	32	2.11	−0.91	0.64	0.0	9	21	5	5	se.	Orkney O. Milton
Parkin	Cross	222	8	...	...	...	...	...	...	...	1.79	...	1.11	0.0	8	15	3	13	...	Carroll King
Pine Bluff	Jefferson	215	51	83.6	+1.2	99	4	64	9	33	2.31	−1.25	0.66	0.0	8	10	17	4	sw	Miss Theresa Scheu
Pine Ridge	Montgomery	840	14	...	...	...	...	...	...	...	2.21	−1.39	1.29	0.0	6	18	7	6	w.	J. R. Huddleston
Pocahontas	Randolph	300	45	81.9	+1.5	100	3†	63	16	32	3.74	−0.37	1.31	0.0	7	17	8	6	ne.	Benedictine Sisters
Portland	Ashley	122	32	81.3	−0.5	100	5	64	1	31	3.54	−0.56	1.05	0.0	7	8	16	7	sw.	W. E. Edmiston
Prescott	Nevada	318	50	84.0	+1.9	102	14	69	3†	31	2.18	−1.81	0.87	0.0	8	9	11	11	s.	Craig Williams
Rock Springs ‡‡	Drew	...	3	...	...	...	...	...	...	...	2.37	...	0.65	0.0	8	..	..	..	...	Soil Conservation S
Rogers (near) ‡‡	Benton	1300	48	79.1	+1.5	98	5†	62	15	34	2.42	−2.02	1.69	0.0	7	20	5	6	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	...	...	...	...	...	...	...	3.39	...	1.20	0.0	9	11	16	4	ne.	G. A. Maddox
Russellville [Evap]	Pope	526	26	83.1	+1.9	102	5	67	3†	33	4.22	−0.05	1.14	0.0	9	21	0	10	ne.	U. S. Forest Servic
St. Charles	Arkansas	175	5	83.0	...	101	14	69	20	27	4.54	..	1.50	0.0	8	21	3	2	s.	U. S. Biological Sur
St. Francis	Clay	290	11	...	...	...	...	...	...	...	6.64	+2.32	3.33	0.0	7	20	3	8	...	A. Royce Boyd, Jr.
Searcy	White	245	28	83.0	+2.0	102	14	66	16	32	3.77	+0.86	1.59	0.0	9	24	1	6	sw.	Walter Smith
Springbank ‡‡	Miller	240	29	...	...	...	...	...	...	...	1.71	−2.49	1.04	0.0	4	10ᵇ	4ᵇ	15ᵇ	...	Henry Field
Story	Montgomery	650	14	...	...	...	...	..	...	..	2.95	−0.65	1.25	0.0	5	13ᵃ	17ᵃ	0ᵃ	s.	S. C. Story
Stuttgart	Arkansas	214	51	83.2	+2.0	100	4†	67	1	30	3.76	+0.32	1.52	0.0	5	19	12	0	sw.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	8	82.6	+1.6	99	5†	66	15	33	3.77	..	1.07	0.0	7	..	..	..	...	Rice Experiment S
Subiaco	Logan	750	41	83.4	+1.4	103	13	66	23	34	4.51	+1.14	2.23	0.0	8	17	9	5	se.	New Subiaco Abbe
Texarkana	Miller	332	53	83.9	+1.4	103	14	68	3†	31	2.70	−1.46	1.03	0.0	7	8	13	10	...	H. S. Brashear
Thornburg	Perry	650	18	81.1ᵃ	+1.3	105ᵃ	5	61ᵃ	23	40ᵃ	4.94	+0.69	1.27	0.0	10	8ᵃ	19ᵃ	3ᵃ	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	79.4	...	94	12†	65	8	28	3.20	−0.53	0.82	0.0	7	12	10	9	sw.	U. S. Forest Servic
Waldron	Scott	675	19	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	...
Warren	Bradley	206	44	83.5	+1.1	102	5†	67	19	32	6.08	+2.31	1.89	0.0	9	6	9	16	sw.	C. N. Turner
Whitecliffs	Little River	290	32	...	...	...	...	...	...	...	4.33	+1.28	2.65	0.0	4	23	0	8	...	L. M. Snead
White Rock ‡‡	Franklin	2285	2	78.1	...	93	14	63	24	29	4.88	...	1.64	0.0	11	17	8	6	e.	U. S. Forest Servic
Wilson	Mississippi	237	13	80.4	−0.4	95	3†	62	16	27	4.85	+0.83	2.60	0.0	4	22	2	7	s.	D. O. Anderson
Wynne	Cross	250	30	81.8	+0.7	98	11†	66	15	31	3.06	−0.66	0.70	0.0	10	13	13	5	s.	B. M. Eddins
Yancopin	Desha	167	14	...	...	...	...	...	...	...	...	...	.	...	..	..	..	..	...	W. E. Barton
State Means				82.0	+1.5	109	13	59	4†	42	3.74	−0.06	5.64	0.0	7	14	11	6	s.	

Daily Precipitation for July, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita							1.22	.40									T.	1.32		T.		.35		.03				.76	T.	.94	.03	5.05
Amity	Ouachita													.33		.49			.22		.22	.96								.45	.28	.13	3.08
Arkadelphia	Ouachita										.05							.31	.05	.87				.46						.09	.20	3.71	5.74
Arkansas City	Mississippi																				.40		.25										0.65
Batesville Airway	White							T.	.12									.06	1.93	.04			T	.19				.05	.15	.34	.03	1.71	4.62
Bee Branch	Arkansas								1.30				.10	T					1.15				1.20						.25	.20	1.40	.50	6.10
Benton	Saline					T.			1.04		.04				T.				.21	3.10	.27								.89	.13	.20	.07	5.95
Bentonville***	Arkansas							.47	T.								.01	.91	T.			T				T.		.36	.40	.76	.34		3.25
Big Lake Outlet	St. Francis								.21	.05									.67	T.										.21	.27	1.57	2.98
Black Rock	White								.82	.42								T.	.50	T.					T.					.14	T.	1.05	2.93
Blytheville	St. Francis								.12										.89	.37										.45	.95	1.23	4.01
Booneville	Arkansas							.55							.04		.75	.17	.65				T						1.15	.78	.13		4.22
Boughton	Ouachita																		.25	1.95											.42		2.62
Brinkley	White										.02		.02		.45					.12					.04					.49	.05	.02	1.21
Calico Rock	White						.05		.38									T.	.02				.01	.02					.12	.31	1.27	2.70	4.88
Camden	Ouachita									.02									.14	.80	.29			.08		.27					.88	.07	2.55
Carthage	Arkansas								T.				T.		T.				1.07		.10								T.	1.20	.76	.53	3.66
Clarendon	White						.11		.68					.91		.10				.12	.02	.39		.44						.39	.74	.05	3.95
Clinton	White							1.44							.11			.66	.40	.01			.35						.24	1.37	2.13	.01	6.72
Conway	Arkansas								.34		.35				.03		.05	1.41	.70	.03			.32						.18	.58	.30	.77	5.12
Corning	White								.23										4.40											2.58	.05	5.64	12.90
Cotter	White						.05												.25											.90	.98	1.90	4.08
Crossett [near]	Ouachita									.20		.11				.23	T		.02	.38	.13	.03		.03						.18	T	.29	1.60
Danville	Arkansas								.83					.24		.01		.14	.04	1.30	.14			.43						.21	.43	.09	3.86
Dardanelle	Arkansas								1.39							T.		.09	.03	.45	1.			.61						.15	.23	.04	2.99
De Queen	Red															.05	.63	.01	.48	.10					.06					.76	T.		2.09
Devils Knob	Arkansas							T			T.				.19		.32	.36	.12				.05						.14	1.11	.67		2.96
Dumas	Mississippi									T.	.07				T		.19			.88	.04	.26	.54					T.		.29	T.	.96	3.23
El Dorado	Ouachita									.06	.12			.09			3.20		.27	.18		.20	.34	.62		T.					1.55		6.63
England	Arkansas						.31								.04			.16	.57	.30		.52			.67				.04	.43	.04	T.	3.08
Eureka Springs	White							1.03	.02				.08				.20	.10								.02			.30	.85	.02		2.62
Fayetteville	White							.08	T.								1.38	.17											.03	.14	T.		1.80
Fordyce	Ouachita								.05	.01			.02					1.60	1.15	1.80	.01									1.11	.04		5.79
Fort Smith***	Arkansas												T.		.24		.17	.20		.01		T	T.	T.					.03	.18	.51		1.34
Fulton	Red							.25									.05		.45	.74	.15	1.74	T.				T			.37	1.05	.62	4.77
Georgetown	White								T.											.71	.29		.47	T.						.30	.42	2.95	5.14
Gilbert	White								T					.05				.47	T.										T.	.14	1.53	.12	2.31
Glenwood	Ouachita								.07											.40	.10									.60		.26	1.43
Grannis	Red								.46		T.				.02	.07	.47	.02	2.57	T	T.		T.	.02	T.				.15	.91	.81		5.50
Gravette	Arkansas								.07										.45										.50		.06		1.08
Green Mountain	White						T	.42																					.04	.78	.33	2.00	3.57
Harrison	White												.04					.19											.87	.79	.05		1.94
Helena	Mississippi									.23						.26				.14	.10										.10	.04	0.97
Higden	White							1.20	.25									.16	.15	.20			T.						1.24	.62	.50	.04	4.36
Highland	Ouachita																														1.66	.35	2.01
Hope [Evap]	Red								.03					.05					.32	5.05	.02	T.	.29			2.00				.09	1.29		9.14
Hot Springs	Ouachita					T.			.78						.44		T.		.35	1.33	.04		.02						.11	.38		T.	3.45
Index	Red							.05								.40	T.	.50	.40		T.					.23				.30	.50	.82	3.20
Jessieville	Ouachita																		.55	2.50			.65						.70				4.40
Jonesboro	White								.34									.05	.10					.68	.18					.61	.03	3.54	5.53
Judsonia	White								.33						.05					.29	.09	.45							.30	.15		.40	2.06
Lead Hill	White							T.									.10	.03				T.			T.				.54	.32	.57		1.56
Little Rock***	Arkansas							.45	.64				T.		T		T.		.10	.02	T.	T.	.01						.20	.30	.63	.15	2.50
LittleRock Airway	Arkansas								.99				.01		T.				.01	.10			.06		T				.16	.52	.07	2.88	4.80
Lutherville	Arkansas							.50							1.07		.05	.11	1.46		.02		T.	.07					.90	.80	.72		5.70
Madison	St Francis								T.							.41				2.00	1.50		T.							T.		.21	4.12
Magnolia	Red								1.50			.30				.70			.70	.40		1.70		.10	T.					1.20		.90	7.50
Mammoth Spg	White								.38						T.				.37										.85	1.25	.18	2.10	5.13
Marianna	St. Francis														.40				.61	.98	.08	.14		.03							.28	.21	2.73
Marked Tree	St. Francis								.02	.35						.06			.53	.17				T.						.21	.02	.63	1.99
Mena	Ouachita								.03			.07				.02		.02	.22	.46		.10		.14		.01	.05			.77	.24		2.13
Monticello Airway	Ouachita												.49						.05	2.62	1.36	.12		.40							.82	.14	6.00
Monticello (near)***	Ouachita					T.					.25		.17						.05	2.20	1.54	.70	1.00	.03							.65	T.	6.62
Moutongo	Ouachita					T.					T.		.20				.15		T.	.45	1.02	.20	T.	T							T.	.20	2.22
Morrilton	Arkansas								.58					.10				T.	.38	.29	.05			1.00							.21		2.59
Mountainburg	Arkansas							1.33					T.		.10		.13	.23	.03	.01		T	T.		.59				.03	.56	.09		3.10
Mountain Home	White					T.			.15										.32						T.				1.15	1.53	.48		3.63
Mount Ida	Ouachita							.66							.61				.17	.80	.09							.08	.24				2.65
Newport	White								.02							.17			.25					.01						.07	.04	.47	1.03
Norman	Ouachita							.40		.72					.51					.28	T.								.95				2.86
Oden	Ouachita					.10		.30						.13		T.		2.64	.17										.41				3.75
Okay	Red						.20				1.50								.95	.28				.03		.28				1.26		.10	4.60
Ozark	Arkansas								.03							.63		.07	.10	.04	.52	.06								.64	.02		2.11
Parkin	St. Francis															.13			.55													1.11	1.79
Pine Bluff	Arkansas						T.			.31				.66	.01					.03			T.			.11			T.	.12	.46	.61	2.31
Pine Ridge	Ouachita								.11						.29				.30	.10									1.29		.15		2.24
Plantersville***	Ouachita					.38					.45		.05				T.		T	.15	.05	.55	T.	T						.03	T.	.10	1.76
Pocahontas	White								.08	.15								.20	1.31											.27	1.10	.63	3.74
Portland	Ouachita						.67						.01	.57						.25	1.05		.02	.97									3.54
Prescott	Ouachita													.06		.02			.20	.74	.02	.20									.87	.07	2.18
Rock Springs	Ouachita					.65					.42		.27				T.		T.	.44	.05	.32	T	T.						.05	T.	.17	2.37
Rogers (near)	White							.32									.13	.08	.11										.06	1.69	.03		2.42
Rosebud	Arkansas					.13		.39							.05				.83				.40						1.20	.23	.09	.07	3.39
Russellville	Arkansas								1.14									.93	.79	.01			.61	.01					.27	.06	.40		4.22
St. Charles	White					.29				.04						.03				.69	1.50	.13	.45							1.41	T.	T.	4.54
St. Francis	St. Francis				.72				.02						.03				3.33	T										.49	.38	1.67	6.64
Searcy	White								.04							.44			.02	.67	1.59			.03						.06	.23	.69	3.77
Springbank	Red											T.					T.	T.	.50	T	T.	T.	.15	T	T.	1.04	T.				.02		1.71
Story	Ouachita							.46									.90	.23	.11												1.25		2.95
Stuttgart	Arkansas															.77				.10		1.52									1.27	.10	3.76
Stuttgart [Evap]	Arkansas													.30		.90				.07	.91	.07									1.07	.45	3.77
Subiaco	Arkansas						T.	.25							T.		2.23	.08	.05	.02					.62				.62	.64	T.	T	4.51
Texarkana	Red																.12		.20	1.03	.20	T.				.05				.20	.90		2.70
Thornburg	Arkansas								1.35		T			T.	.04		.17		1.27	.15			.82					T.	.57	.51	.06	T.	4.94
Turnpike	Arkansas							.34							.50		.64	.19	T.	T.		T.							.82	.51	.20		3.20
Waldron	Arkansas																																....
Warren	Ouachita																.05		.16	1.85	1.44	.06		.50						1.89	.01	.12	6.08
Whitecliffs	Red																.10		.77											2.65	.81		4.33
White Rock	Arkansas							.05			T				1.11		.04	.19	.30	.20			.18		1.11				.05	1.64		.01	4.88
Witt Springs	Arkansas							.25							.20		.20	.07											.26	.79	.74		2.51
Wilson	Mississippi																		2.60	.75											.55	.95	4.85
Wynne	St. Francis								.10						.16				.30	.03	.68	.63	.13							.06	.27	.70	3.06
Yancopin	Arkansas																																....

Daily temperatures for July. 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	89	92	92	93	93	96	95	85	89	93	
	Minimum	64	64	65	66	67	68	68	65	68	68	67	66	66	69	68	68	67	67	68	68	68	67	67	71	68	67	68	71	70	70	68	67.5
Amity §§	Maximum	92	95	98	102	104	103	93	98	103	102	103	100	103	104	100	99	98	85	88	92	91	88	94	93	97	96	98	97	80	92	95	99.2
	Minimum	64	70	68	68	70	73	72	69	69	70	77	76	77	72	69	69	70	70	70	69	66	69	67	68	69	68	69	70	69	70	69	69.9
Arkadelphia §§	Maximum	94	95	97	101	105	98	98	98	101	102	104	104	104	102	105	100	103	85	90	91	94	92	93	94	96	100	100	99	81	96	95	97.3
	Minimum	65	69	68	67	68	72	73	70	71	71	71	72	70	71	71	69	69	71	70	70	68	68	68	68	70	71	70	70	71	71	70	69.8
Batesville	Maximum	94	97	98	100	99	96	97	92	96	99	102	92	100	100	95	97	93	82	87	91	92	90	93	92	94	96	98	90	85	88	91	94.1
	Minimum	68	72	70	72	74	67	68	69	69	70	69	71	67	69	67	62	74	72	69	70	64	61	68	65	66	67	68	73	70	73	71	68.9
Bee Branch	Maximum	97	100	102	102	101	100	99	98	101	105	107	102	101	101	94	97	93	89	87	88	98	91	92	95	96	101	102	101	85	85	92	96.9
	Minimum	68	69	60	71	72	71	69	69	70	70	70	70	68	71	68	64	74	72	70	70	56	64	64	69	66	68	68	73	70	71	70	69.0
Benton	Maximum	91	94	95	100	101	98	94	93	96	97	98	98	99	102	98	97	99	85	87	87	92	90	94	91	94	94	94	92	88	92	92	94.3
	Minimum	67	66	62	66	69	71	71	68	67	69	70	70	68	71	68	68	73	73	69	69	69	70	70	71	70	68	69	71	71	73	70	69.3
Bentonville ***	Maximum	92	94	95	94	96	96	92	86	91	95	96	96	96	94	92	88	84	79	85	88	89	90	91	93	93	94	92	83	89	88	89	90.7
	Minimum	69	72	68	69	68	70	65	65	66	70	71	73	70	72	64	68	69	67	65	64	65	64	65	65	66	67	69	69	70	68	66	67.7
Blytheville	Maximum	93	100	103	98	94	96	96	92	96	100	101	95	100	93	92	90	96	84	87	89	90	87	93	90	92	93	95	92	85	89	86	93.1
	Minimum	66	73	79	76	73	65	73	70	71	73	73	72	70	72	66	63	70	69	70	71	70	71	67	69	70	70	69	72	73	71	72	70.6
Booneville	Maximum	96	101	103	100	102	100	96	96	98	99	103	102	105	103	99	98	94	92	87	92	92	91	91	93	96	97	101	94	83	93	96	96.6
	Minimum	68	67	64	64	66	75	71	70	71	69	69	72	69	70	66	67	73	73	73	70	69	70	65	69	67	67	69	70	71	71	71	69.2
Brinkley	Maximum	93	96	101	100	98	97	97	96	99	99	100	95	99	102	88	95	97	90	91	87	90	91	95	94	95	96	97	98	93	90	93	95.2
	Minimum	65	71	70	71	75	68	74	70	71	71	70	72	67	71	68	65	71	75	71	71	69	71	70	70	71	76	68	72	71	72	73	70.6
Camden	Maximum	94	96	97	100	102	101	98	98	99	99	101	100	101	102	99	98	95	89	88	93	93	90	91	93	95	95	94	95	95	96	94	96.0
	Minimum	71	72	70	66	70	75	74	70	70	72	74	74	70	73	72	69	73	73	71	71	69	71	70	72	69	70	70	72	71	70	71	71.1
Carthage	Maximum	94	96	97	100	102	98	96	98	99	98	98	101	99	101	98	98	98	90	91	90	92	91	94	93	95	98	97	98	91	92	93	96.0
	Minimum	69	71	73	69	73	74	73	68	69	70	71	72	68	73	70	68	72	71	71	70	68	69	70	71	70	68	69	72	73	72	71	70.6
Conway	Maximum	97	102	103	105	105	100	100	96	100	102	102	102	103	103	101	99	94	92	90	92	95	90	95	93	95	101	101	96	89	89	94	97.6
	Minimum	71	69	69	71	73	74	73	70	71	73	72	74	70	74	69	69	73	73	72	75	70	70	67	73	69	69	71	73	73	73	70	71.4
Corning	Maximum	95	99	100	99	92	98	100	92	99	101	103	96	102	98	94	97	95	82	90	92	92	93	95	92	95	97	98	94	84	87	90	94.8
	Minimum	66	72	72	72	75	64	68	70	69	69	69	72	67	72	64	60	70	70	66	65	65	67	67	68	68	68	68	73	70	69	69	68.5
Crossett	Maximum	93	95	95	99	101	98	94	95	95	96	97	95	96	98	99	95	94	83	94	89	90	91	90	89	90	92	96	96	95	90	96	93.8
	Minimum	64	66	63	65	70	70	71	68	68	67	71	69	65	68	70	65	68	71	72	68	68	67	69	67	69	68	66	66	68	67	70	67.9
Dardanelle	Maximum	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	71	72	68	69	69	79	73	70	70	72	72	74	71	75	68	71	73	73	73	72	70	70	66	71	69	69	71	74	73	72	72	71.4
De Queen	Maximum	91	93	94	96	98	97	95	95	98	99	98	97	98	101	98	96	93	87	95	90	90	85	92	90	94	94	96	96	85	92	96	94.2
	Minimum	70	69	64	64	68	71	73	70	71	72	70	73	71	71	72	70	70	73	73	72	69	73	67	73	70	69	69	72	72	72	72	70.5
Devils Knob	Maximum	86	87	89	90	93	86	88	88	89	90	88	89	92	88	85	89	82	79	82	85	86	84	88	87	89	90	90	83	76	79	87	86.6
	Minimum	68	69	71	72	77	74	70	64	73	74	75	73	71	66	70	65	65	68	65	68	69	69	67	71	70	71	70	70	72	66	68	69.7
Dumas	Maximum	97	99	101	103	103	102	101	101	99	99	101	99	101	103	99	100	100	86	85	91	90	90	91	92	91	95	100	99	98	91	94	96.8
	Minimum	68	71	70	72	76	72	72	70	72	73	72	73	69	72	70	7	72	74	73	70	70	70	72	74	70	70	73	73	73	73	72	71.6
El Dorado	Maximum	94	96	97	100	102	100	97	98	98	97	98	99	97	99	101	95	94	86	92	93	91	89	87	90	92	94	93	93	90	88	90	94.5
	Minimum	71	73	73	71	74	78	75	71	70	72	74	74	71	73	71	69	74	73	74	71	72	71	71	72	71	73	71	73	74	73	70	72.4
England	Maximum	92	94	..	101	..	100	93	..	98	99	100	100	99	100	95	97	85	88	90	93	89	93	..	92	93	95	96	94	84	89	91	94.1
	Minimum	69	71	..	70		75	71	..	71	71	71	73	69	71	70	70	74	70	72	70	69	70	..	71	70	70	72	73	72	72	70	71.0
Eureka Springs	Maximum	90	93	94	94	95	97	92	85	92	94	95	96	94	94	92	92	83	78	86	91	91	92	94	97	94	95	94	86	78	86	91	91.1
	Minimum	72	73	74	69	68	73	67	65	66	72	73	73	73	74	65	67	68	66	65	66	66	64	67	66	68	70	74	69	70	68	68	69.0
Fayetteville	Maximum	92	92	92	94	95	95	94	89	94	97	98	96	98	98	97	94	82	82	85	90	92	93	95	95	95	95	95	91	84	90	93	92.6
	Minimum	71	74	70	66	74	73	70	65	65	68	70	69	71	70	64	60	67	68	67	64	66	65	66	65	65	65	71	70	71	67	67	67.9
Fordyce	Maximum	95	97	98	101	102	103	100	99	98	99	100	100	99	102	99	100	96	82	88	91	89	87	90	90	94	95	96	95	85	87	95	95.2
	Minimum	70	73	72	73	85	77	75	72	72	72	73	73	71	73	73	69	70	71	73	71	71	71	71	72	72	72	71	73	73	72	69	72.4
Fort Smith***	Maximum	95	97	98	98	99	99	96	94	97	100	99	100	99	98	97	93	89	88	87	92	92	91	93	94	96	96	99	85	86	88	95	94.5
	Minimum	72	74	72	72	72	78	73	71	72	75	75	76	74	74	72	72	74	73	74	72	73	72	70	73	72	72	75	76	73	71	73	73.1
Gilbert	Maximum	87	93	97	99	98	100	96	97	95	96	99	99	98	100	98	93	95	91	82	87	92	93	90	97	93	95	96	97	87	85	84	93.8
	Minimum	65	65	64	66	66	70	66	65	68	67	66	66	64	70	64	60	69	70	67	65	62	65	63	63	64	61	63	70	71	70	69	65.9
Grannis	Maximum	77	80	92	78	88	92	88	83	95	94	95	96	97	100	99	95	92	81	89	86	89	84	89	89	90	91	92	90	81	88	91	89.4
	Minimum	64	63	61	59	64	73	67	67	67	67	65	67	66	66	67	66	67	70	68	68	66	69	62	70	66	66	66	68	69	69	69	66.5
Gravette§§	Maximum	93	95	96	98	99	100	95	96	95	99	100	100	101	97	98	90	86	81	89	91	94	94	95	98	97	99	97	87	85	90	91	94.4
	Minimum	62	63	68	66	66	72	73	65	63	64	67	68	69	71	64	68	70	68	65	62	64	64	64	63	65	64	69	68	70	68	64	66.4
Harrison	Maximum	98	100	102	100	102	100	98	93	98	101	102	101	102	97	98	96	90	81	88	93	95	96	98	100	100	102	102	95	81	85	94	96.1
	Minimum	68	70	71	66	66	72	70	67	64	66	68	68	68	72	63	61	69	69	67	62	62	65	65	61	62	61	67	62	61	70	71	66.3
Helena	Maximum	90	91	95	94	96	95	92	93	95	95	96	94	95	97	90	93	92	87	87	85	89	90	90	90	89	95	93	93	94	87	88	91.9
	Minimum	69	72	69	72	74	72	75	70	71	73	73	75	70	69	68	68	73	74	72	70	70	69	70	69	69	69	72	72	71	72	74	71.2
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	..	..	..	..	....	....	....	....	..	..	..	..	..	..	..
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	..	..	..	..	....	....	....	....	..	..	..	..	..	..	....
Hope §§	Maximum	90	89	93	90	99	96	93	91	98	98	96	96	93	101	93	96	90	85	91	93	85	80	86	88	94	91	95	88	75	89	94	91.5
	Minimum	70	69	70	67	72	73	74	72	69	72	73	74	70	74	73	69	73	70	70	71	69	71	69	72	66	70	72	72	71	71	70	70.9
Hot Springs	Maximum	100	103	104	108	108	105	102	97	102	102	107	104	109	103	102	97	101	92	87	90	94	90	96	97	97	99	105	97	85	94	97	99.2
	Minimum	70	74	70	71	73	74	73	69	70	71	72	72	70	71	69	72	72	74	71	71	68	71	68	72	69	69	71	72	69	73	70	71.0
Jonesboro	Maximum	93	96	99	98	93	96	97	91	96	99	100	95	100	97	93	94	96	83	88	90	93	87	95	91	93	96	97	92	84	88	89	93.5
	Minimum	67	73	74	73	76	67	71	69	72	71	74	73	71	76	68	66	68	71	69	68	68	68	67	68	68	68	69	73	72	72	70	70.3
Lead Hill	Maximum	94	99	100	101	100	97	97	92	99	100	102	100	101	100	96	92	88	83	90	94	94	94	97	98	98	100	100	86	78	85	93	95.1
	Minimum	65	67	64	64	65	70	67	65	62	64	66	66	64	72	59	59	68	69	62	60	59	63	63	59	61	62	65	70	70	70	70	64.8
Little Rock.* **	Maximum	91	94	98	100	99	96	93	90	94	96	97	97	98	97	93	94	93	84	86	87	90	88	92	91	91	94	94	90	85	89	88	92.5
	Minimum	71	71	72	75	78	77	70	71	74	76	77	75	72	76	73	72	74	75	72	73	72	71	70	74	73	73	75	72	73	73	71	73.3
Little Rock [Airway]	Maximum	94	97	100	100	100	98	98	90	95	97	99	100	98	92	93	92	98	88	87	88	91	89	93	93	94	96	98	96	86	90	90	94.2
	Minimum	70	71	70	71	74	74	73	70	70	72	72	74	69	75	71	70	73	74	72	71	70	71	69	72	70	69	70	72	73	73	68	71.4
Lutherville	Maximum	95	94	97	98	98	96	97	94	96	97	95	98	97	96	93	86	83	78	79	89	91	93	95	96	94	93	98	93	88	89	95	92.9
	Minimum	71	70	72	70	70	76	74	68	69	71	70	71	68	67	67	71	70	70	72	69	69	70	65	68	67	69	69	68	71	71	70	69.8
Magnolia	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	99	89	88	91	73	93	95	92	87	89	93	....
	Minimum	..	..	..	..	..	..	71	63	71	72	73	73	70	74	72	69	73	73	72	70	66	72	70	72	63	69	72	65	63	74	70	70.1
Mammoth Spring	Maximum	93	98	100	99	97	97	98	88	95	99	101	97	101	94	92	95	93	80	89	92	93	90	97	96	97	99	101	88	82	82	88	93.9
	Minimum	66	70	67	72	73	66	65	66	68	68	67	68	64	70	62	60	73	70	68	62	61	66	65	65	63	64	63	72	70	67	69	66.6
Marianna	Maximum	94	95	100	98	95	96	96	96	97	97	97	94	97	100	91	92	95	95	88	85	88	88	90	90	90	93	96	64	90	87	91	93.4
	Minimum	70	71	73	74	75	72	76	72	73	73	75	75	71	71	70	69	74	74	76	73	73	71	73	72	72	72	74	74	74	74	78	73.0
Marked Tree§§	Maximum	93	95	99	97	95	98	95	93	96	97	97	91	98	97	91	95	95	89	89	91	91	88	93	90	93	95	96	94	86	87	90	93.3
	Minimum	65	67	72	74	75	68	74	70	70	71	72	74	69	75	67	64	70	69	70	70	70	71	68	70	68	68	69	72	72	72	70	70.2
Mena	Maximum	91	95	96	99	100	99	94	96	96	95	99	98	100	102	98	98	97	87	90	91	90	88	91	94	93	96	97	93	88	90	94	94.7
	Minimum	70	70	69	64	69	70	71	68	69	69	68	72	69	71	67	68	72	71	72	68	68	69	64	70	66	67	69	73	70	69	70	69.1
Monticello	Maximum	93	94	96	98	100	98	95	97	98	96	97	96	95	99	97	95	96	87	80	85	82	88	88	89	90	93	93	95	90	85	87	92.6
	Minimum	75	74	72	73	76	78	76	76	75	74	78	76	68	72	74	71	75	72	67	70	72	72	72	74	74	76	75	78	76	76	74	73.9
Morrilton	Maximum	94	101	101	102	103	99	97	97	97	99	100	98	99	100	96	95	92	90	88	90	93	92	90	90	92	97	98	95	92	91	96	95 6
	Minimum	79	77	71	72	74	74	68	69	70	70	72	72	69	73	68	70	72	72	70	72	69	69	66	72	68	68	70	72	71	71	74	71.1
Mountain Home	Maximum	91	100	99	100	99	98	100	91	97	99	102	91	102	93	93	93	93	80	86	91	92	92	96	92	93	93	93	94	79	80	85	93.1
	Minimum	68	69	66	70	70	71	67	65	65	68	68	68	65	72	62	62	69	68	65	63	62	67	65	66	63	65	65	64	70	71	72	66.8
Mt. Ida	Maximum	91	95	96	102	103	101	95	93	98	98	101	99	100	103	96	95	94	89	85	92	92	90	93	95	97	97	94	83	94	95	98	95.6
	Minimum	65	64	60	61	65	67	68	68	66	66	68	67	66	67	65	67	70	69	70	69	65	69	65	65	64	66	70	67	70	69	67	66.6
Newport	Maximum	93	96	99	100	98	96	97	92	97	99	100	95	99	101	94	94	95	84	90	93	94	90	92	92	95	97	98	91	84	90	93	94.5
	Minimum	69	72	70	75	76	68	71	72	70	71	71	73	69	71	67	64	72	73	72	70	67	72	66	69	66	67	68	74	71	73	72	70.4
Oden***	Maximum	92	95	96	101	102	98	93	92	95	95	98	97	99	98	98	95	93	87	88	89	92	88	91	93	94	97	95	92	81	89	95	93.8
	Minimum	71	70	67	67	69	71	70	70	69	70	69	71	68	70	67	68	71	72	74	70	68	71	68	72	70	68	70	72	71	72	71	69.9
Okay	Maximum	93	94	95	97	99	100	95	96	97	97	96	97	99	100	99	95	95	87	92	94	90	88	90	94	94	94	95	96	93	90	97	94.8
	Minimum	70	69	66	64	68	73	74	73	70	70	72	72	71	72	74	71	74	73	71	71	69	71	68	72	71	68	69	74	71	71	67	70.6
Ozark	Maximum	95	97	97	98	99	98	94	94	98	98	100	100	100	99	95	96	99	90	85	92	90	90	93	93	94	96	98	92	81	89	97	94.7
	Minimum	68	70	70	70	76	76	62	68	77	70	70	72	70	68	67	70	68	72	72	69	70	70	66	69	69	68	74	70	72	70	70	70.1
Pine Bluff	Maximum	92	88	96	99	99	97	94	94	97	98	99	99	97	98	93	96	96	89	90	89	91	91	92	91	91	95	97	95	91	87	91	93.9
	Minimum	70	73	74	75	77	76	77	72	64	73	74	75	71	75	72	72	74	76	74	73	71	73	72	74	72	72	72	74	74	74	75	73.2
Pocahontas	Maximum	92	97	100	99	97	98	98	90	97	99	100	95	99	96	94	94	92	82	90	91	93	95	95	93	95	97	99	95	85	85	88	94.2
	Minimum	66	72	73	74	75	68	69	70	69	71	69	72	68	76	69	63	71	72	68	65	65	69	67	70	67	67	67	75	70	72	70	69.6
Portland	Maximum	94	94	96	98	100	96	94	93	95	97	96	96	94	98	96	95	96	88	90	90	88	90	89	89	88	91	93	94	94	94	88	93.4
	Minimum	64	68	65	67	74	71	73	70	69	70	70	71	65	69	71	66	70	70	71	68	69	68	68	70	70	70	70	69	70	69	71	69.2

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day

Weather Bureau Office, Little Rock, Ark. 9-2-38-1150

Daily temperatures for July, 1938, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott	Maximum	95	95	96	99	101	99	97	97	99	100	100	100	101	102	100	100	97	94	93	93	91	88	92	90	96	96	96	96	94	92	95	96.3
	Minimum	72	72	69	69	73	76	74	72	71	72	74	74	72	73	73	69	72	73	69	73	69	72	69	71	71	71	73	72	72	72	70	71.7
Rogers	Maximum	92	94	96	95	98	98	94	85	92	96	98	98	98	93	94	92	83	80	85	89	92	93	94	97	95	95	95	85	78	89	91	92.1
	Minimum	69	71	65	65	65	70	69	65	64	66	68	68	67	70	62	63	69	63	66	64	64	63	65	63	61	64	66	69	70	67	66	66.1
Russellville [Evap]	Maximum	97	101	100	101	102	100	98	93	98	98	100	100	101	101	97	96	91	88	89	91	92	93	92	93	95	97	98	98	85	89	96	95.8
	Minimum	71	69	67	69	70	71	72	70	73	72	71	72	69	73	67	69	71	72	73	72	69	69	68	69	68	68	70	71	73	73	68	70.4
Searcy	Maximum	93	97	101	100	100	97	97	92	98	100	100	98	100	102	94	95	95	89	86	91	93	90	94	90	95	97	97	96	84	90	93	95.0
	Minimum	67	70	69	72	76	70	72	71	70	72	71	73	69	73	68	66	74	73	72	71	71	72	67	72	68	69	70	73	73	73	71	70.9
St Charles§§	Maximum	95	96	100	98	98	96	96	98	97	96	96	94	95	101	95	93	96	88	86	85	90	91	90	91	92	95	95	97	93	89	90	93.9
	Minimum	70	72	73	71	71	72	75	71	73	73	73	75	71	75	70	70	72	74	71	69	72	71	72	72	72	71	73	72	72	73	73	72.2
Stuttgart	Maximum	93	94	99	100	99	95	95	96	96	99	99	98	98	100	93	95	96	89	91	90	92	91	92	93	93	96	96	96	97	92	90	95.0
	Minimum	67	69	69	77	75	72	73	70	73	72	72	73	69	73	70	72	72	74	69	71	69	70	70	72	70	70	71	72	72	72	72	71.4
Subiaco	Maximum	97	99	100	99	102	101	96	94	98	100	101	102	103	99	100	100	94	92	89	93	94	93	97	91	95	95	99	88	84	91	96	96.2
	Minimum	70	72	70	72	69	77	72	69	69	70	70	74	69	75	68	67	72	72	72	70	69	71	66	68	68	68	71	70	72	70	72	70.5
Texarkana	Maximum	97	96	97	99	101	102	95	98	98	100	98	101	101	103	100	98	98	91	93	93	92	86	89	90	95	97	98	97	85	92	95	95.9
	Minimum	71	72	68	68	71	75	74	74	75	71	73	74	74	73	75	70	74	70	72	73	71	72	71	73	70	70	71	71	72	71	71	71.9
Thornburg	Maximum	94	99	103	103	105	103	..	95	98	101	101	102	102	101	100	98	96	91	87	90	93	90	93	93	94	97	95	92	86	88	87	96.1
	Minimum	70	64	63	64	66	66	...	67	67	65	65	66	65	66	63	64	71	70	68	68	63	66	61	68	62	63	65	69	68	70	67	66.1
Turnpike	Maximum	84	86	89	92	93	93	89	88	91	91	93	91	92	94	90	90	83	85	82	93	84	83	91	87	96	91	90	85	78	78	88	88.2
	Minimum	68	70	73	75	78	73	[illegible]	65	73	74	76	73	72	66	70	70	70	70	67	69	71	69	70	72	69	71	73	68	68	67	69	70.5
Warren	Maximum	94	95	98	101	102	100	98	98	98	100	100	99	100	102	99	99	96	92	87	91	91	89	90	90	91	93	95	96	93	89	91	95.4
	Minimum	70	72	71	74	76	71	75	70	71	71	73	73	68	73	72	68	72	73	67	70	70	70	70	74	72	72	71	73	71	72	73	71.6
White Rock	Maximum	85	87	89	90	91	90	87	84	90	92	94	92	92	93	88	92	84	79	78	81	85	83	88	85	86	87	87	84	75	82	86	86.6
	Minimum	68	70	79	72	75	74	67	64	73	71	75	73	71	64	72	68	67	68	66	68	70	68	67	63	70	70	70	72	66	66	68	69.6
Wilson	Maximum	90	93	95	93	92	92	92	92	94	94	94	93	95	94	88	89	91	86	91	86	86	85	88	87	88	91	91	92	88	88	87	90.4
	Minimum	67	72	70	75	72	65	71	72	70	72	74	72	69	74	67	62	72	69	70	70	[illegible]	73	69	69	70	68	72	73	71	73	70	70.5
Wynne	Maximum	92	95	97	97	95	95	96	91	96	97	98	93	98	98	91	94	95	89	89	88	88	88	91	88	90	94	95	93	86	89	90	92.9
	Minimum	69	70	70	74	75	68	74	75	70	72	72	73	67	73	65	67	72	[illegible]	70	72	70	69	69	70	70	67	69	72	72	71	70	70.7

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for July, 1938

[See precipitation data in table on preceding page]

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Hope [Exp. Farm]	Evap.	.224	....	.088	.332	325	.219	.313	.233	.294	.305	.262	.310	....	.338	.334	.286	.292	.310	....	.041	.224	.204	.131	.062	....	.112	.252	.291	.179	....	....	7.429
	Mean tem.	80	79	82	78	86	84	84	82	84	85	84	85	82	88	83	82	82	78	80	82	77	76	78	80	80	80	84	80	73	80	82	81.2
	Wind move	46	71	29	30	34	40	17	38	17	20	23	15	22	28	39	23	35	45	65	33	18	17	5	17	11	21	12	9	47	4	27	858
Russellville [Ozark Nursery]	Evap.	.300	.332	.366	.276	.184	.384	.252	.242	.240	.386	.272	.320	.220	.344	.246	.358	306	.218	.164	.236	.286	.318	.194	.240	.234	.200	.300	.270	.108	.134	.230	8.160
	Mean tem.	84	85	84	85	86	87	85	82	86	85	86	86	85	87	82	82	81	80	81	82	80	81	80	81	82	82	89	84	79	81	82	83.1
	Wind move	11	33	31	26	17	24	26	40	6	23	1	15	15	27	21	24	22	16	26	14	20	15	24	5	11	11	14	12	8	17	23	578
Stuttgart [Rice Exp. Farm]	Evap.	258	.292	.339	.310	.252	.303	.273	.326	.252	.278	.215	.266	.129	.258	.262	.251	.266	.276	.147	.097	.138	.228	.181	.205	.180	.240	.252	.275	.235	.099	.129	8.212
	Mean tem.	78	82	82	86	88	85	84	83	84	85	85	86	82	85	83	81	83	81	78	80	79	82	80	81	80	80	82	84	84	82	80	82.6
	Wind move	65	89	63	42	53	37	43	76	41	35	22	30	35	31	54	29	61	61	56	44	24	30	32	25	27	35	22	45	50	36	50	1343

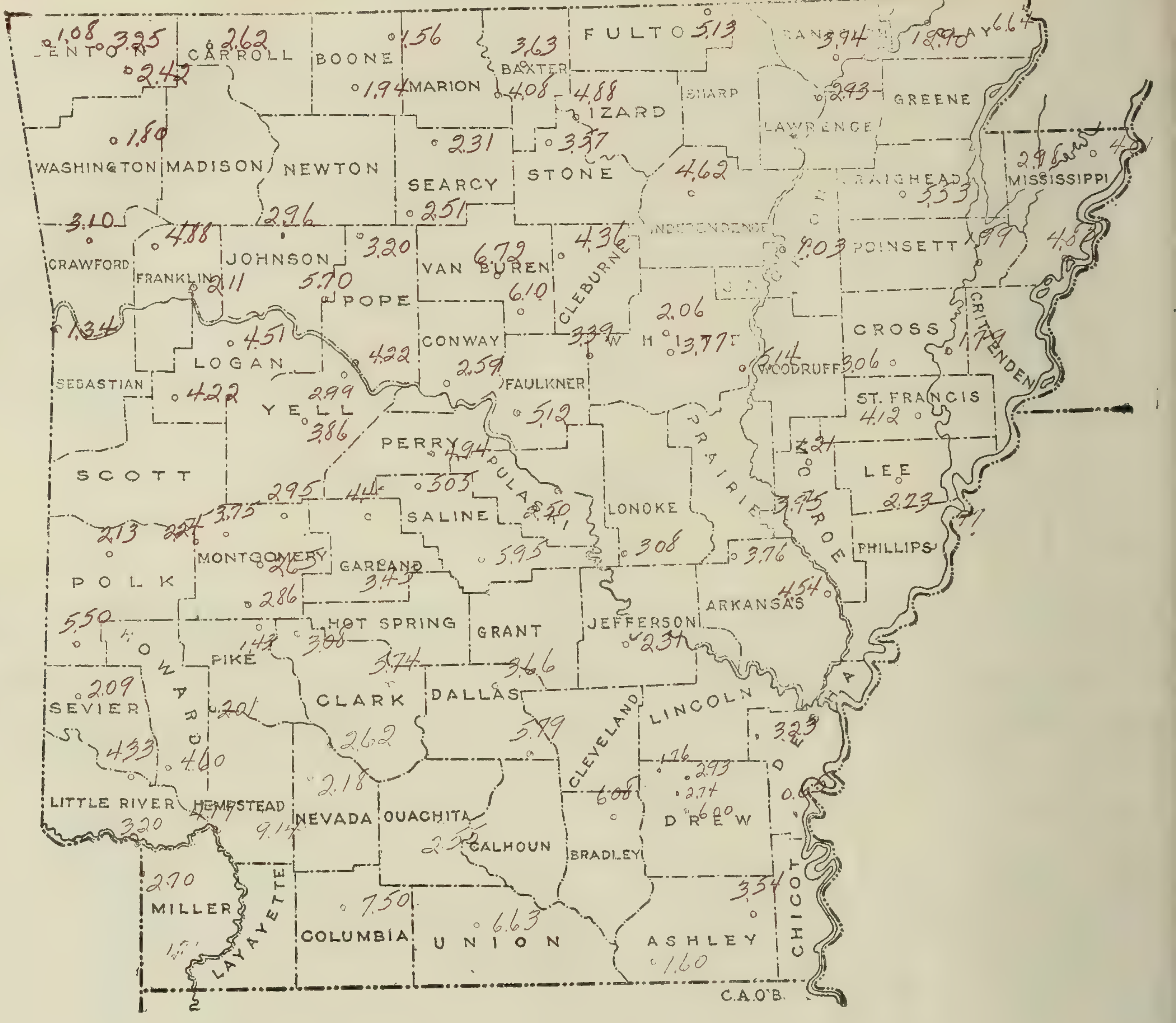
Daily River Stages for July, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.0	10.2	11.8	11.0	10.2	9.4	9.1	8.6	8.3	8.2	8.2	8.1	7.9	7.6	7.4	7.2	7.2	7.2	7.0	6.9	6.8	6.7	6.9	6.7	6.6	6.6	7.8	7.4	7.2	7.2	9.1
Van Buren	do	22	10.0	10.2	12.1	11.3	10.4	9.4	8.7	8.2	7.8	7.7	7.6	7.4	7.2	7.0	6.8	6.6	6.5	6.4	6.2	6.1	6.0	5.9	6.0	5.9	5.7	5.6	7.2	6.7	6.4	6.4	7.9
Danville	Petit Jean	20	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.3	2.2	2.2	2.2	2.2	3.5	4.0	3.1	2.8	2.5	2.4	2.2	2.1	2.1	2.0	2.4	2.4	3.0
Ozark	Arkansas	22	5.5	5.2	5.2	6.6	6.0	5.2	4.4	3.9	3.4	3.1	3.0	2.8	2.7	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.3	1.6	2.5	2.2	1.7	1.7
Dardanelle	do	22	9.2	8.6	8.4	9.9	9.7	8.9	8.1	7.5	6.9	6.4	6.2	6.1	5.9	5.8	5.6	5.4	5.2	5.0	5.1	4.8	4.6	4.5	4.4	4.4	4.4	4.3	4.1	4.5	5.5	5.3	4.9
Morrilton	do	20	6.2	5.3	4.7	5.5	6.5	5.7	4.9	4.3	3.6	3.0	2.6	2.3	2.2	2.0	1.8	1.5	1.2	1.2	1.0	1.2	0.7	0.6	0.4	0.3	0.3	0.2	−0.1	−0.2	1.1	1.6	1.8
Little Rock	do	23	7.2	6.4	6.7	5.4	6.3	6.6	6.0	5.4	4.9	4.4	4.0	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.7	2.7	2.7	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.8	2.7	3.0
Pine Bluff	do	25	10.8	10.7	9.6	9.3	9.3	10.3	10.2	9.6	9.1	8.5	8.1	7.8	7.5	7.3	7.3	7.1	6.9	6.8	6.8	6.5	6.5	6.5	6.2	6.1	6.0	5.9	5.9	5.8	5.7	5.7	6.4
Gilbert	Buffalo	30	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.7	2.9	2.6	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.2
Doniphan, Mo.	Current	10	3.9	3.7	3.4	3.2	3.2	3.1	3.1	3.0	3.1	3.0	3.0	3.0	3.1	3.2	3.1	3.1	3.0	4.8	7.2	6.0	4.3	3.8	3.2	3.1	3.0	3.0	2.9	3.0	3.3	3.4	4.0
Black Rock	Black	14	6.4	6.1	5.8	5.5	5.2	4.6	4.3	4.4	4.6	4.2	4.1	4.0	3.7	3.5	3.4	3.3	3.2	3.5	4.8	6.6	7.4	6.4	4.9	4.4	4.1	3.9	3.6	3.4	3.5	4.7	6.5
Judsonia	Little Red	..	12.1	11.3	10.5	9.8	9.2	8.6	8.0	7.6	7.1	6.8	6.6	6.4	6.1	5.8	5.5	5.4	5.1	4.8	4.8	5.0	4.9	5.2	5.7	6.2	6.1	5.7	5.2	4.9	4.6	4.4	4.2
Ozark Beach Mo	White	30	−0.8	−0.8	−0.5	−0.7	−0.7	−0.8	−0.4	1.0	−0.8	0.8	−0.6	−0.8	−0.8	−0.8	0.0	−0.3	−0.8	−0.8	−0.8	−0.8	0.8	−0.6	0.8	−0.8	−0.8	−0.8	−0.8	−0.8	−0.8	−0.8	1.1
Cotter	do	21	4.5	4.5	4.2	4.0	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.5	3.8	3.8	3.6	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.5	4.5
Calico Rock	do	18	2.1	2.1	2.0	1.9	1.8	1.8	1.8	1.5	1.4	1.3	1.3	1.1	1.6	1.6	1.2	1.1	0.7	1.0	0.8	0.7	0.8	0.8	0.8	1.0	1.0	0.5	0.5	0.6	0.6	1.3	3.1
Batesville	do	23	7.7	7.4	7.4	7.0	6.8	6.8	6.8	6.8	6.5	6.3	6.3	6.3	6.0	6.5	6.1	6.0	6.0	5.7	6.0	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.4	5.4	5.6	5.5	7.0
Newport	do	26	6.8	6.3	5.9	5.7	5.1	4.7	4.3	4.2	4.0	3.9	3.7	3.6	3.3	3.1	3.1	2.8	2.5	2.5	2.8	3.0	3.6	4.2	4.3	3.8	3.3	3.0	2.8	2.4	2.2	2.3	3.6
Georgetown	do	21	11.7	11.0	10.2	9.5	8.9	8.3	7.8	7.2	6.8	6.5	6.3	6.1	5.8	5.5	5.2	5.0	4.8	4.6	4.5	4.6	4.6	4.8	5.3	5.8	5.8	5.4	5.0	4.7	4.4	4.1	4.1
Clarendon	do	26	22.1	21.5	20.9	19.9	19.0	18.0	17.1	16.2	15.4	14.6	14.0	13.5	13.2	12.9	12.6	12.2	11.9	11.7	11.5	11.3	11.3	11.3	11.4	11.6	11.9	12.1	12.0	11.8	11.5	11.2	11.0
St Charles	do	..	23.0	22.8	22.4	21.8	21.1	20.3	19.4	18.4	17.4	16.5	15.7	14.9	14.3	13.8	13.5	13.2	12.9	12.6	12.4	12.4	12.2	12.1	12.1	12.3	12.5	12.7	12.8	12.7	12.5	12.3	12.1
Arkadelphia	Ouachita	17	4.3	4.0	4.2	3.8	3.9	3.1	3.9	3.8	3.9	3.8	3.9	3.9	3.7	4.1	3.8	3.6	3.5	3.6	3.6	3.7	3.6	3.8	3.9	3.9	3.1	3.5	3.7	3.7	3.5	3.5	3.9
Boughton	Little Mo.	20	4.4	4.4	4.2	4.2	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.6	3.5	3.4	3.4	3.4	3.4	3.2	3.6	3.6	4.9	5.4	4.8	4.5	4.1	4.0	3.9	3.8	3.7	3.6	5.7
Camden	Ouachita	26	5.1	4.8	4.5	4.1	4.1	4.0	3.9	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.9	4.2	5.7	6.2	5.2	4.4	4.0	5.8	3.8	4.3	4.5
Benton	Saline	..	...	...	...	...	...	3.3	3.2	3.2	3.4	3.6	3.8	3.6	3.5	3.4	3.3	3.3	3.3	3.4	6.8	7.5	8.6	6.2	6.5	5.4	5.2	4.9	4.6	4.3	6.1	4.8	6.2
Whitecliffs	Little River	25	1.2	1.9	1.7	1.6	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	1.9	1.8	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.3
Index	Red	25	9.2	12.4	11.9	10.8	10.2	9.8	9.4	9.1	9.0	8.5	8.2	8.1	8.0	7.8	7.8	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.3	7.2	7.2	7.2	7.2	7.2	7.4	7.6
Fulton	do	25	8.1	10.1	11.1	10.1	9.2	8.6	8.2	7.9	7.6	7.4	7.2	7.0	6.8	6.6	6.5	6.5	6.3	6.2	6.3	6.4	6.6	6.4	6.2	6.1	6.1	6.0	6.0	6.0	5.9	6.3	7.0
Big Lake Outl't	St. Francis	10	6.0	5.7	5.5	5.3	5.2	5.1	4.9	5.0	4.9	4.8	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.4	4.5	4.7	5.3	5.8	6.2	6.2	6.0	5.8	5.5	5.3	5.1	5.0	5.4
St. Francis	do	18	6.6	6.3	5.9	7.2	6.2	5.8	5.5	5.3	5.3	5.2	5.3	5.4	5.5	5.5	5.3	5.1	5.0	7.4	5.7	5.4	5.2	7.1	7.7	7.2	6.6	6.2	5.4	4.7	4.9	4.7	9.7
St. Francis L.L.	do	..	21.7	21.7	21.6	21.5	21.4	21.3	21.1	21.0	21.0	20.8	20.7	20.5	20.4	20.4	20.3	20.3	20.1	20.1	20.2	20.2	20.2	20.3	20.4	20.5	20.5	20.5	20.5	20.5	.	.	....
Marked Tree	do	17	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.7
Parkin	do	23	5.9	5.6	5.7	5.6	5.5	5.5	5.3	5.1	5.0	4.9	4.7	4.5	4.3	4.2	4.1	3.9	3.8	3.8	3.9	4.1	3.9	3.8	3.6	3.6	3.5	3.4	3.4	3.4	3.4	3.4	3.5
Madison	do	32	7.7	7.7	7.7	7.6	7.4	7.1	6.9	6.7	6.5	6.4	6.1	5.9	5.8	5.6	5.5	5.4	5.1	4.9	4.9	5.2	5.1	5.2	5.4	5.8	6.4	6.5	6.2	5.6	5.2	5.1	5.2
Helena	Mississippi	42	25.4	25.7	25.7	25.5	25.2	24.8	24.6	24.4	24.4	24.3	24.2	24.1	24.3	24.4	24.3	24.1	23.8	23.7	23.7	23.8	24.0	24.4	25.2	26.1	26.7	26.8	26.2	25.3	24.7	24.6	24.6
Arkansas City	do	42	21.7	21.6	21.6	21.5	21.4	20.9	20.4	20.4	20.1	19.9	19.6	19.2	19.0	18.9	18.9	18.8	18.6	18.3	18.0	18.1	18.1	18.2	18.4	18.9	19.5	20.0	20.1	19.8	19.4	18.9	18.6

T less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ${}^{a}, {}^{b}, {}^{c}$, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||| 24 hours ending 7 a. m. *Included in next measurement.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for July, 1938



Windstorm:—Monroe County, few miles south of Brinkley, 14th. Barn blown down and other farm buildings damaged. Estimated loss $1,000.

Killed by lightning:—Nevada County, near Bluff City, 13th. Farmer killed by lightning while plowing.

Heavy rains:—Clay County, the last few days of the month, did considerable damage to the cotton crop, and about 75% of the late corn crop was destroyed.

CORRECTIONS

Climatological Data for April, page 20: Blytheville, date of highest: 29th; Grannis, prevailing direction: sw; Jessieville, date of greatest precipitation in 24 hours: 16th; Russellville, number of rainy days: 9; White Rock, Date of greatest precipitation in 24 hours: 15th.

51.05
WAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

Vol. XLIII LITTLE ROCK, ARK., AUGUST, 1938 No. 8

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

This month was the third warmest August in climatological ecords of Arkansas. The first half of the month averaged lightly above normal while the last half of the month averaged onsiderably above normal, especially in the southern and eastrn portions of the State. The average temperature for the tate, based on the reports of 69 stations, was 83.2° which is .1° above the 48-year average. Monthly means ranged from 9.6° at Devils Knob and White Rock to 86.0° at Hot Springs. he highest temperature reported was 109° at Conway on the 4th, 25th and 26th, and at Hot Springs on the 26th. The owest temperature was 54° at Gilbert on the 25th.

Scattered showers were reported during the first 17 days. he following 10 days were hot and dry with no precipitation nywhere in the State. Light scattered showers relieved the rought in some places at the close of the month. The average recipitation for the 100 stations reporting was 2.26 inches hich is 1.29 inches below the 48-year average. The rainfall istribution for the month was rather uneven, ranging from onthly totals of less than an inch at eleven stations to slighty more than 5 inches at two stations in the extreme southastern portion of the State. The greatest amount measured any 24-hour period was 2.93 inches at Fort Smith on the 6th. The average number of days with 0.01 or more rainfall as 5.

Cotton made fairly good to very good progress during the onth. The first part of the month was favorable for boll eevil activity and considerable damage was done in some calities. Leaf and army worms also were quite active during his period and spread over most of the State. The hot, dry eather the latter half of the month checked the weevil and orm activity considerably. Cotton stopped blooming due to e hot weather and it was reported that the foliage turned rown from the heat in many localities. Cotton bolls opened pidly the latter part of the month, and much picking was one. Other crops made good to very good progress the first o weeks but suffered from the drought the latter part of the onth. At the close of the month early rice was being harested in the southern portion of the belt and the crop was aturing rapidly in the northern portion. The month had an verage of 18 clear, 9 partly cloudy and 4 cloudy days.

O.D.N.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog				1					1					1	1	1															
Light Hail	1											1									1										
Moderate Hail																															
Thunderstorm	3	2	1	2	2	9	13	11	11	5	22	18	6	18	9	15	10				2				2	3	9	12	11	1	5

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-leval)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.98	30.09	4	29.71	15	4.7	18	s	16	..	.	.	88
Fort Smith	30.01	30.18	23	29.79	15	6.0	21	w	10	81	47	48	83
Little Rock	30.17	30.22	4	29.78	15	7.0	30	n	11	84	50	56	83
Memphis	30.02	30.21	4	29.85	1	6.7	26	sw	15	82	58	60	70

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	106	47	4.34	0.0	8	15	12	4
1904	78.1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.73	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	8.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	8	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82.6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4.08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80.4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.43	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.0	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	43	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	8	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0.0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	14	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
1938	83.2	109	54	2.26	0.0	5	18	9	4
Period	80.1	120	39	3.55	0.0	7	14	12	5

Climatological Data for August, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	82.7	...	104	26	65	17	32	2.78	...	0.77	0.0	7	20	8	3	w.	L. R. Water Works
Amity	Clark	500	43	84.1	+3.4	108	25	65	18†	39	0.91	-3.04	0.47	0.0	3	8	21	2	s.	J. W. Campbell
Arkadelphia	Clark	200	43	84.1	...	108	25	65	20	41	2.68	-0.95	1.00	0.0	9	13	15	3	s.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	54	...	...	...	...	...	...	...	4.86	+0.90	1.40	0.0	6	23	6	2	...	Herbert Neff
Batesville	Independence	277	39	84.1	+5.1	105	26	66	30	35	1.88	-2.53	0.84	0.0	7	16	11	4	n.	Airway Observer
Bee Branch	Van Buren	700	46	83.5	+3.8	105	26	66	20	36	1.20	-2.83	0.80	0.0	6	17	13	1	s.	J. E. Scanlan
Benton	Saline	285	3	82.0	...	103	25†	64	20	37	2.30	...	0.83	0.0	6	24	3	4	sw.	S. A. Burks
Bentonville	Benton	1295	33	81.7	+4.9	99	25	63	1	35	2.50	-1.56	1.45	0.0	4	22	7	2	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	8	...	...	...	...	...	...	...	1.42	...	0.72	0.0	5	24	3	4	...	C. J. Brooks
Black Rock	Lawrence	259	37	...	...	...	...	...	...	...	1.26	-2.85	0.42	0.0	5	28	0	3	...	Vernon C. Howe
Blytheville	Mississippi	252	13	83.4	+3.8	103[b]	26	66	19	30[b]	1.18	-3.73	0.40	0.0	7	26	3	2	s.	Samuel Norris
Booneville	Logan	465	24	83.7	+1.6	103	26	65	29	36	3.03	-1.05	1.76	0.0	8	14	16	1	s.	F. H. Randolph
Boughton ‡‡	Clark	235	3	...	...	...	...	...	...	...	0.24	...	0.09	0.0	3	20	1	10	...	Harry Buie
Brinkley	Monroe	205	51	83.0	+2.6	106	25†	63	14	33	1.73	-1.94	0.86	0.0	4	18	11	2	sw	R. J. Torry
Calico Rock	Izard	361	34	...	...	...	...	...	...	...	2.38	-1.98	0.87	0.0	7	16	4	11	...	William Jones
Camden	Ouachita	116	53	83.8	+3.2	106	31	65	20	37	2.79	-0.49	1.15	0.0	7	14	10	7	s.	J. M. Knight
Carthage	Dallas	297	33	83.4	+2.4	106	25	64	20	37	2.16	-0.82	0.80	0.0	4	11	20	0	s.	P. K. Wylie
Clarendon	Monroe	172	54	...	...	...	...	...	...	...	3.48	-0.20	1.34	0.0	6	20	6	5	sw.	R. M. Wheatley
Clinton	Van Buren	516	17	...	...	...	...	...	...	...	2.21	-2.37	0.86	0.0	5	17	12	2	s.	A. L. Stephens
Conway	Faulkner	309	55	85.8	+4.2	109	24†	68	17	39	1.61	-1.95	0.78	0.0	6	27	4	0	s.	E. E. Cordrey
Corning	Clay	293	45	81.4	+2.9	103	26	66	28	33	2.02	-2.27	1.09	0.0	7	20	9	2	s	Winfred D. Polk
Cotter	Baxter	440	11	...	...	...	...	...	...	...	0.64	-2.78	0.34	0.0	2	25	3	3	...	O. B. McSpadden
Crossett (near)	Ashley	175	26	83.0	+1.0	102	25	66	5	31	2.96	-0.36	2.10	0.0	3	12	16	3	s.	U. S. Forest Service
Danville	Yell	327	22	...	...	...	...	...	...	...	2.77	-1.27	1.34	0.0	7	20	9	2	...	J. M. Patterson
Dardanelle	Yell	330	52	83.8	+3.0	103	25†	66	29	34	1.95	-1.68	1.17	0.0	5	6	20	5	s.	Geo. N. Goodier
De Queen	Sevier	426	3	83.6	...	104	25†	67	18†	35	1.52	...	0.74	0.0	4	26	2	3	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	79.6	...	96	25†	62	16	22	2.48	...	1.01	0.0	4	18	12	1	w.	U. S. Forest Service
Dumas	Desha	162	33	84.0	+2.5	105	25†	64	31	39	5.45	+1.86	2.12	0.0	7	8	20	3	s.	Ben Johnson
El Dorado	Union	270	38	83.9	+1.7	102	26†	69	1†	28	3.58	+0.58	1.25	0.0	8	16	12	3	s.	Mrs. E. W. Gaston
England	Lonoke	229	32	84.2[b]	+3.4	105[b]	26	69[b]	13†	34[b]	2.37	-1.27	1.10	0.0	4	23[b]	6[b]	0[b]	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	38	82.7	+4.3	109	9†	62	1	32	2.18	-2.79	0.70	0.0	4	27	3	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	51	82.2	+4.0	100	10	62	1	35	2.44	-1.60	1.32	0.0	5	18	12	1	sw.	University of Arkansa
Fordyce	Dallas	275	10	85.1	...	105	25	69	1†	31	1.26	...	0.66	0.0	5	14	17	0	s.	Miss Mercille McMurr
Fort Smith	Sebastian	448	57	85.6	+5.1	101	26	69	16	27	3.08	-0.25	2.93	0.0	4	16	14	1	e.	U. S. Weather Burea
Fulton	Hempstead	260	53	...	...	...	...	...	...	...	1.63	-1.57	0.68	0.0	6	23	3	5	...	T. J. Logan
Georgetown	Woodruff	200	26	...	...	...	...	...	...	...	1.25	-2.46	0.80	0.0	4	25	1	5	...	W. R. Putt
Gilbert	Searcy	600	13	81.0	...	105	27	54	25	50	1.86	-2.02	0.83	0.0	4	28	0	3	...	F. J. King
Glenwood	Pike	547	3	...	...	...	...	...	...	...	0.47	...	0.47	0.0	1	22	4	5	...	C. A. Price
Grannis	Polk	900	19	79.9	+0.5	104	31	62	13†	41	1.69	-1.95	0.99	0.0	6	16	14	1	s.	W. E. McVay
Gravette	Benton	1250	41	83.0	+5.4	103	8†	59	1	37	2.76	-1.37	1.15	0.0	5	19	12	0	sw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	...	...	101	26	...	...	...	1.50	...	0.56	0.0	6	21	9	1	sw.	U. S. Forest Service
Harrison	Boone	1052	38	82.8	+5.8	104	25†	63	1†	41	2.03	-2.00	1.01	0.0	9	27	3	1	s.	Louis R. Keck
Helena	Phillips	300	66	82.5	+1.9	102	26	68	13†	50	3.31	-0.51	2.02	0.0	5	14	9	8	se.	James A. Burnett
Higden	Cleburne	445	19	...	...	...	...	...	...	...	1.17	-3.22	0.97	0.0	5	21	8	2	s.	Austin E. Cartwright
Highland	Pike	491	19	85.7	...	105	30	62	14	26	2.68	-1.10	1.50	0.0	4	13	14	4	w.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	82.0	-0.4	104	25	67	18†	33	1.19	-1.78	0.50	0.0	4	22	4	5	sw.	Experiment Farm
Hot Springs	Garland	600	47	86.0	+4.9	109	26	68	18†	39	3.06	-0.76	1.08	0.0	9	3	28	0	s.	National Park Servic
Index ‡‡	Little River	275	21	...	...	...	...	...	...	...	1.93	-1.36	0.95	0.0	4	29	0	2	...	W. E. McDowell
Jessieville	Garland	750	12	...	...	...	...	...	...	...	1.20	-2.32	0.50	0.0	3	4	26	1	sw.	U. S. Forest Service
Jonesboro	Craighead	345	43	83.4	+3.3	104	26	68	18†	34	1.83	-1.89	0.72	0.0	8	19	17	5	sw	Benedictine Sisters
Judsonia	White	...	2	...	...	...	...	...	...	...	3.10	...	0.89	0.0	4	17	6	8	...	T. H. Beals
Lead Hill	Boone	650	32	81.8	+3.0	105	24†	59	25	46	1.46	-2.78	0.65	0.0	6	23	7	1	sw	J. H. Crosswhite
LITTLE ROCK.	Pulaski	324	59	84.0	+4.2	102	25	70	17	26	3.46	-0.29	2.24	0.0	5	15	13	3	sw.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	2	83.1	...	102	26	68	17	31	3.18	...	1.64	0.0	7	13	13	5	s.	Airway Observer
Latherville ‡‡	Johnson	775	39	82.7	+3.0	103	27	66	1†	32	2.16	-1.69	1.07	0.0	5	13	12	6	se.	H. G. Lenhardt
Madison	St. Francis	209	8	...	...	...	...	...	...	...	3.62		2.80	0.0	4	19	0	12	...	J. W. Eppes
Magnolia	Columbia	315	22	83.4	+0.9	102	25	66	18	31	0.90	-2.14	0.40	0.0	3	6	24	1	s.	State Agri. School
Mammoth Spring.	Fulton	600	34	81.4	+3.9	102	24	63	25	37	2.10	-2.17	1.15	0.0	4	21	9	1	w.	Paul Morton
Marianna	Lee	235	27	84.2	+4.2	102	26	71	17†	28	0.84	-2.42	0.50	0.0	3	3	27	1	.s	C. N. Houck
Marked Tree	Poinsett	229	34	83.0	+3.8	101	26	67	19	30	2.87	-0.76	2.00	0.0	4	23	5	3	n.	Charles Walton
Mena	Polk	1207	50	83.0	+3.1	103	25†	66	17	35	3.76	-0.58	1.10	0.0	6	20	6	5	sw.	E. W. St. John
Monticello Airway	Drew	273	2	83.4	...	102	26†	68	30	31	3.14	...	2.40	0.0	4	14	9	8	sw.	Airway Observer
Monticello (near)	Drew	273	3	...	...	...	...	...	...	...	1.96	...	1.85	0.0	3	..	..	..	...	Soil Conservation Se
Montongo	Drew	...	3	...	...	...	...	...	...	...	2.95	...	1.85	0.0	5	..	..	..	...	Soil Conservation Se
Morrilton	Conway	315	19	83.8	+2.1	105	26	67	17†	34	2.95	-0.65	1.70	0.0	7	14	14	3	sw.	Mrs Freda M. Ashcra
Mountainburg(nea	Crawford	2010	1	...	...	...	...	...	...	...	4.64	...	2.39	0.0	5	17	8	6	se.	C. A. Lovell
Mountain Home	Baxter	800	26	82.5	+4.5	105	24	63	25	40	2.22	-2.06	0.75	0.0	6	23	5	3	w.	H. N. Halbert
Mount Ida	Montgomery	702	39	82.0	+2.6	106	26	62	2†	42	0.78	-2.72	0.36	0.0	4	10	18	3	sw.	G. A. Whittington
Newport	Jackson	231	55	84.4	+4.4	104	24†	68	30	34	1.66	-2.26	0.48	0.0	7	21	9	1	n.	J. D. Henderson
Norman	Montgomery	687	10	...	...	...	...	...	...	...	4.16	...	1.50	0.0	5	10	17	4	sw.	U. S. Forest Service
Oden	Montgomery	800	11	83.4	...	104	26	65	20	35	2.06	...	0.90	0.0	4	4	26	1	sw.	U. S. Forest Service
Okay	Howard	288	10	83.9	...	105	27	67	18†	35	0.99	...	0.58	0.0	4	28	3	0	s.	Charles R. Jackson
Ozark	Franklin	396	43	84.0	+2.3	103	25†	63[c]	20†	35[c]	4.48	+0.75	2.05	0.0	5	20	9	2	se.	Orkney O. Milton
Parkin	Cross	222	8	...	...	...	...	...	...	...	1.76	...	0.75	0.0	4	22	1	8	...	Carroll King
Pine Bluff	Jefferson	215	51	84.7	+2.9	105	26	70	18	30	2.73	-0.70	1.01	0.0	6	9	17	5	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	14	...	...	...	...	...	...	...	1.95	-0.43	0.58	0.0	8	21	5	5	sw.	J. R. Huddleston
Pocahontas	Randolph	300	45	83.6	+4.2	104	24†	68	18†	34	1.77	-3.08	0.93	0.0	3	17	8	6	ne.	Benedictine Sisters
Portland	Ashley	122	32	81.6	+0.2	99	24†	66	18	30	5.40	+2.19	2.00	0.0	10	11	15	5	sw.	W. E. Edmiston
Prescott	Nevada	318	50	84.8	+3.2	105	25	68	18†	32	1.45	-1.86	1.25	0.0	4	18	11	2	s.	Craig Williams
Rock Springs ‡‡	Drew	...	3	...	...	...	...	...	...	...	4.98	...	2.00	0.0	6	..	..	..	...	Soil Conservation Se
Rogers (near) ‡‡	Benton	1300	48	81.6	+4.2	109	26†	61	1†	38	2.77	-1.13	1.50	0.0	4	25	4	2	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	...	...	...	...	...	...	...	2.50	...	1.16	0.0	6	16	12	3	w.	G. A. Maddox
Russellville [Evap]	Pope	526	26	83.2	+3.3	105	25	62	17†	41	1.72	-1.71	0.85	0.0	5	30	0	1	se.	U. S. Forest Service
St. Charles	Arkansas	175	5	84.0	...	103	27	69	17	30	1.57	...	0.77	0.0	5	18	11	2	s.	U. S. Biological Surve
St. Francis	Clay	290	11	...	...	...	...	...	...	...	1.12	-3.12	0.62	0.0	4	25	1	5	...	A. Boyce Boyd, Jr.
Searcy	White	245	28	84.2	+4.1	105	26	68	17	35	3.37	-0.68	1.38	0.0	6	26	0	5	sw.	Walter Smith
Springbank ‡‡	Miller	240	29	...	...	...	...	...	...	...	1.92	-1.18	1.02	0.0	5	23	1	7	...	Henry Field
Story	Montgomery	650	14	...	...	...	...	...	...	...	0.80	-2.04	0.52	0.0	3	20	10	1	s.	S. C. Story
Stuttgart	Arkansas	214	51	84.0	+3.3	104	27	69	1†	32	2.22	-1.17	1.20	0.0	5	25	4	2	s.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	3	83.2	...	102	26†	69	17	32	2.22	...	1.62	0.0	4	..	..	..	...	Rice Experiment Sta.
Subiaco	Logan	750	41	84.7	+3.1	104	25†	67	17	34	1.60	-2.19	1.22	0.0	4	20	9	2	s.	New Subiaco Abbey
Texarkana	Miller	332	53	85.7	+3.4	106	25†	70	4†	35	1.51	-2.11	1.30	0.0	3	15	14	2	...	H. S. Brashear
Thornburg	Perry	650	18	82.0	+2.8	109	26	61	20	48	1.76	-2.29	0.72	0.0	5	13	17	1	s	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	80.8	...	98	27	63	16	21	2.06	-1.97	0.91	0.0	5	23	7	1	sw.	U. S. Forest Service
Waldron	Scott	675	19	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	...
Warren	Bradley	206	44	83.7	+2.1	105	25	69	13†	30	1.64	-1.89	1.26	0.0	5	15	11	5	se.	C. N. Turner
Whitecliffs	Little River	290	32	...	...	...	...	...	...	...	1.48	-1.19	0.93	0.0	2	24	2	5	...	L. M. Snead
White Rock ‡‡	Franklin	2285	2	79.6	...	94	25†	62	16	24	3.40	...	1.97	0.0	5	17	11	3	sw.	U. S. Forest Service
Wilson	Mississippi	237	13	82.4	+3.8	99	26	67	19	28	0.95	-2.97	0.60	0.0	4	25	4	2	s.	D. O. Anderson
Witt Springs	Searcy	1958	1	...	...	...	...	...	...	...	4.90	...	0.99	0.0	10	8	3	20	sw.	E. M. Duncan
Wynne	Cross	167	14	83.8	+3.8	104	26	68	17†	32	0.48	-3.23	0.27	0.0	4	17	13	1	s.	W. E. Barton
State Means				83.2	+3.1	109	24†	54	25	50	2.26	-1.29	2.93	0.0	5	18	9	4	s.	

Daily Precipitation for August, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita		T.	.04								.16	.54		.51	.77	.28	.48															2.78
Amity	Ouachita	.10														.47	.34																0.91
Arkadelphia	Ouachita					.49				.50	.40			1.00		.10	.02	.03												.12	.02		2.68
Arkansas City	Mississippi	.15	.94	.07										1.20		1.40	1.10																4.86
Batesville Airway	White			T.							T.	.09	.02			.84	.73												.12	.06	.02		1.88
Bee Branch	Arkansas			T.				T.	.10	T.	.05			.10	T.	.80	.10	.05															1.20
Benton	Saline	.07			.06	T.								.83		.79	.42	T.	T.												13		2.30
Bentonville ***	Arkansas											.29			T.	T.	1.45	.03												.73	T.		2.50
Big Lake Outlet	St. Francis	.04									T.					.20	.38	T.		.08									.72				1.42
Black Rock	White									T.			.35			.06	.42													.29	T.	.14	1.26
Blytheville	St Francis	.12												.16		.40	.25	.01											.02		.22		1.18
Booneville	Arkansas					T.			.01	.18	.02		.05		.06		.86	1.76											.09				3.03
Boughton	Ouachita									.09				.08		.07																	0.24
Brinkley	White												.30		.21	.86	.36																1.73
Calico Rock	White	.06					T.								T.	.04	.56	.22	.02											.87	.61		2.38
Camden	Ouachita	1.15		.45							.17			.28		.51	.11														.12		2.79
Carthage	Arkansas									.80			T.		.32	.76															.28		2.16
Clarendon	White	.17		1.34						.51				.08		.60	.78												T.				3.48
Clinton	White						.32			T.		T.	T.		T.	.86	.36	.37										.30		T.			2.21
Conway	Arkansas								04					.27	.16	.78	.32	.04															1.61
Corning	White												.32			.04	.30	.02	.05	1.09									T.	.20			2.02
Cotter	White																.30	34															0.64
Crossett [near]	Ouachita									T.			.45	.10	.31	2.10																	2.96
Danville	Arkansas			25						.02				.02		.15	.45	1.34											.54				2.77
Dardanelle	Arkansas													.03		.10	.62	1.17											.03				1.95
De Queen	Red												.14	.47	.74		.17																1.52
Devils Knob	Arkansas											.46			.02		1.01	.99													T.		2.48
Dumas	Mississippi	.50	.23	T.	T		1.35		T.				.40		.75	2.12	T														.10		5.45
El Dorado	Ouachita	.49	.25		.51					1.25				.42	.03	.36	.27																3.58
England	Arkansas		T	T.						.16			T.	1.10	.11	1.00																	2.37
Eureka Springs	White													.70			.70	.28													.50		2.18
Fayetteville	White											.03					1.32	.78				.09									.22		2.44
Fordyce	Ouachita		.10							03			.01			.46																.66	1.26
Fort Smith ***	Arkansas							T	.02		T.	T.	.04		T.	T.	2.93	T	T.										.04				3.03
Fulton	Red	.16								.55				.68	.07	.15	.02																1.63
Georgetown	White	.32									.06						.80	.07													T.		1.25
Gilbert	White									.14							.70	.83													.19		1.86
Glenwood	Ouachita														.47																		0.47
Grannis	Red										T.		.01	.42	.99		.08	.05											.14				1.69
Gravette	Arkansas										.10		.16				1.15	.21													1.14		2.76
Green Mountain	White	.05													.02	.26	.56	.20											T.	.41			1.50
Hankins ***	Ouachita		.10				.53		.23				.10		.20	1.60																.30	3.06
Harrison	White							.01	.07					1.01		.05	.43	.25	.03										.08	.10		2.03
Helena	Mississippi	.02	.34	2.02												.61	.32																3.31
Higden	White							.02		T.	T.	T.	T.			.97	.12	.04											T.	.02			1.17
Highland	Ouachita												.90	.20	1.50	.08																	2.68
Hope [Evap]	Red									.17	.50			.34		18																	1.19
Hot Springs	Ouachita		.26					T.					1.08	.10	1.05	.05	.29	.14										T.	T.		.05	04	3.06
Index	Red						T.			.95				.58	.10	.30	T.																1.93
Jessieville	Ouachita							.50								.40	.30																1.20
Jonesboro	White	.05											.05			.62	.72	.03											.31	.02		.03	1.83
Judsonia	White	.56														88	.77													.89			3.10
Lead Hill	White													T.		.03	.65	.13	.41										.09	.15			1.46
Little Rock ***	Arkansas		T.	T.					T.	T.		.60	1.94		.15	.75	.02	T.												T.			3.46
LittleRock Airway	Arkansas			.01	T.							.04	1 64	.03	.10	1.30	.06														T.		3.18
Lutherville	Arkansas			T								T.	49		.05	15	.40	1.07															2.16
Madison	St. Francis											2.80	.07			.65	.10																3.62
Magnolia	Red	.20												.40		.30																	0.90
Mammoth Spg	White							1 15								.20	.50	.25															2.10
Marianna	St. Francis		.11												.50	.23																	0.84
Marked Tree	St. Francis	.32											.02			2.00	.53																2.87
Mena	Ouachita							T.			1.10		T.	.52		.94	.01	.80												.39			3.76
Monticello Airway	Ouachita	.43	.14													2.40															.17		3.14
Monticello (near) ***	Ouachita	.05	.06													1.85																	1.96
Morrilton	Arkansas				1.70									.46		.05	.50	.08	.03										.13				2.95
Mountainburg	Arkansas			T								2.39		.03		T.	1.67	.53				T.							T.		.02		4.64
Mountain Home	White							.75							.02	.10	.35												.66	.34			2.22
Mount Ida	Ouachita												.04			.09	.36	.29															0.78
Newport	White								28				.10			.46	.48	.02												.18	.14		1.66
Norman	Ouachita						.30		T.				1.50		1.00	T.	.75														.61		4.16
Oden	Ouachita						T.	.77							90	.06	.33													T.	T.		2.06
Okay	Red									.05				.58	.30	.06																	0.99
Ozark	Arkansas					.02			.91		T.		T.	2.05			40	1.10															4.48
Parkin	St. Francis												.28			.75	.52													.21			1.76
Pine Bluff	Arkansas				T.	T.		.35						.15		1.01	.71														.48	.03	2.73
Pine Ridge	Ouachita						.18			.03		.13	.58		.26		.30	.25											.22				1.95
Plantersville ***	Ouachita	.08					.50		.47				.83		.10	2.03																	4.01
Pocahontas	White											.93				.60													.24				1.77
Portland	Ouachita	.02	.80		.10			.04		.07	.06			.51		2.00	1.75															.05	5.40
Prescott	Ouachita									1.25				.07		.05	.08																1.45
Rogers (near)	White														.04		1.50	.32													.91		2.77
Rosebud	Arkansas							.68		.28		.08	T.		.21	1.16	.09																2.50
Ross ***	Ouachita	.83	.10	.05									.20		.05	1.90																	3.13
Russellville	Arkansas				.25			T.		T.				.10		.11	.41	.85															1.72
St. Charles	White	.14		.16	.03						T					.77	.47																1.57
St. Francis	St. Francis	T.	.08										.62			.10	.32														T.		1.12
Searcy	White	1.38									.04					.78	1.05	.09													.03		3.37
Springbank	Red		1.02		T.	.05	T			.60	T.			.20	T.	.05											T.		T	T	T.		1.92
Story	Ouachita																.52												.18		.10			0.80
Stuttgart	Arkansas				.10					.06	.04					1.20	.82																2.22
Stuttgart [Evap]	Arkansas		.01							.23						1.62	.36																2.22
Subiaco	Arkansas			.02	T.								T.		.05	T.	.31	1.22															1.60
Texarkana	Red													1.30		.15	.06												T.			T.	1.51
Thornburg	Arkansas							T.	T.			.08			.02	.71	.72	23										T.					1.76
Turnpike	Arkansas							.58	T.			.05			.03		.91	.49															2.06
Underwood ***	Ouachita	.25											.25			1.85																	2 35
Warren	Ouachita	.13	.01											.21	.03	1.26																	1.64
Whitecliffs	Red													.93		55																	1.48
White Rock	Arkansas				T.							.48		.01	.04		1.97	.90															3.40
Wilson	Mississippi												.09			.11	.15													.60			0.95
Witt Springs	Arkansas						.37	.42	.02		.99	.75	.57			.27	.68	.75												.08			4 90
Wynne	St. Francis	.02														.15	.27												.04				0.48

Daily temperatures for August, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Alum Fork	Maximum	94	95	97	95	96	94	93	98	98	98	93	93	92	90	87	90	90	95	94	96	96	98	100	101	103	104	102	98	96	96	100
	Minimum	66	68	72	70	71	70	70	71	68	70	71	77	70	68	70	68	65	68	68	67	68	69	70	70	71	73	71	72	67	67	68
Amity §§	Maximum	96	96	94	94	96	96	101	102	100	96	100	99	95	100	88	92	95	98	96	97	100	101	104	106	108	107	107	104	102	102	105
	Minimum	68	69	70	71	69	70	71	71	70	70	70	70	71	71	70	70	67	65	67	66	67	66	66	67	71	70	71	70	69	69	65
Arkadelphia §§	Maximum	98	96	95	94	94	96	99	100	98	97	98	100	98	96	88	95	97	99	98	98	100	102	103	106	108	107	107	102	101	103	102
	Minimum	68	70	71	71	70	70	71	73	70	70	71	71	70	71	69	71	69	66	67	65	67	68	68	69	67	68	68	69	68	68	66
Batesville	Maximum	91	95	94	94	96	97	98	100	99	97	100	95	96	95	84	92	91	94	96	96	97	100	101	103	103	105	99	100	101	98	102
	Minimum	69	68	74	73	73	72	74	72	72	72	74	71	70	75	73	74	70	70	70	70	69	70	71	72	69	70	71	71	68	66	71
Bee Branch	Maximum	92	96	96	92	98	100	100	100	97	99	100	91	91	91	85	89	91	97	96	96	99	101	101	101	102	105	104	102	100	101	100
	Minimum	68	69	74	71	71	70	71	72	73	70	72	71	68	74	69	69	67	68	69	66	68	68	69	70	70	69	69	72	70	69	69
Benton	Maximum	95	94	90	91	92	97	96	90	96	92	97	97	94	90	87	92	92	95	93	93	96	97	100	102	103	102	103	97	98	98	101
	Minimum	68	68	71	71	69	73	70	71	71	71	71	69	71	72	70	72	66	65	67	64	65	66	67	65	58	67	67	68	65	68	65
Bentonville ***	Maximum	90	94	94	93	94	97	96	96	96	97	93	95	92	90	92	85	87	92	91	91	93	95	96	98	99	98	98	96	95	85	94
	Minimum	63	67	74	72	72	72	73	72	72	74	71	67	71	73	70	66	65	68	70	69	71	71	70	67	64	69	69	72	69	69	73
Blytheville	Maximum	91	93	86	92	93	95	99	..	85	95	97	96	..	..	..	..	..	..	..	92	95	94	101	100	97	103	95	97	91	91	101
	Minimum	72	70	72	73	72	72	75	74	75	74	74	74	70	70	71	74	73	67	66	67	71	70	72	73	74	74	70	68	71	69	71
Booneville	Maximum	95	98	95	96	98	96	98	101	99	97	100	100	95	92	98	88	88	96	92	94	97	98	99	102	102	103	102	101	101	101	100
	Minimum	66	70	74	73	70	73	72	71	73	72	73	70	70	75	73	68	66	68	69	68	68	69	69	69	68	69	69	71	65	68	69
Brinkley	Maximum	96	94	94	87	97	97	101	100	97	92	100	97	95	95	89	93	93	97	97	93	98	100	101	101	106	106	104	101	100	101	104
	Minimum	71	71	73	72	71	72	70	72	74	73	71	67	68	64	63	66	67	70	70	70	71	73	74	76	78	82	78	68	74	74	76
Camden	Maximum	95	92	92	92	92	94	96	99	96	91	93	96	91	92	88	93	96	96	95	95	98	99	101	104	105	105	104	98	100	99	106
	Minimum	68	72	74	73	70	73	73	73	72	73	73	73	70	73	71	76	71	66	69	65	68	70	69	70	71	70	72	71	72	70	69
Carthage	Maximum	94	94	95	91	94	96	99	99	98	94	98	101	92	92	85	93	85	98	96	97	99	102	101	103	106	105	104	100	98	100	100
	Minimum	68	71	72	72	70	69	71	72	71	69	72	70	70	72	71	75	69	65	66	64	67	70	67	67	69	69	71	71	70	69	69
Conway	Maximum	95	97	95	95	97	101	100	102	101	99	102	99	96	96	90	93	92	99	98	100	99	103	105	109	109	109	108	103	103	103	107
	Minimum	70	72	74	73	72	73	73	74	75	73	73	73	71	75	72	72	68	69	70	68	69	71	71	71	70	71	71	72	69	71	70
Corning	Maximum	91	95	90	96	96	100	99	100	98	98	98	94	93	95	78	94	92	94	93	96	97	99	102	102	98	103	94	92	92	93	101
	Minimum	72	70	72	73	72	72	71	72	74	73	73	70	69	71	72	74	73	67	67	68	70	70	71	69	67	70	69	66	70	68	70
Crossett	Maximum	94	93	93	89	90	96	95	95	93	93	95	93	92	93	80	95	96	97	98	97	97	97	98	100	102	101	100	97	98	100	100
	Minimum	78	71	71	68	66	68	70	68	70	71	68	70	68	71	70	72	68	77	67	69	70	70	71	71	72	72	71	72	70	71	73
Dardanelle	Maximum	94	95	95	93	93	94	93	93	94	94	100	98	94	90	90	90	89	95	95	96	98	98	100	102	103	103	103	99	100	100	100
	Minimum	70	70	76	73	73	75	74	73	75	74	74	73	71	77	72	68	67	70	71	69	70	73	71	69	70	70	70	72	66	71	71
De Queen	Maximum	97	95	94	93	95	95	99	100	97	95	98	100	90	86	92	91	95	96	95	96	97	100	100	103	104	104	102	100	98	101	102
	Minimum	70	70	73	73	70	71	72	72	72	70	70	73	71	71	71	76	69	67	69	67	68	68	68	68	69	69	69	70	69	69	67
Devils Knob	Maximum	87	86	84	86	87	89	84	93	93	91	92	88	84	78	82	82	81	87	85	81	89	90	91	92	96	96	95	91	89	86	89
	Minimum	70	70	71	69	78	70	72	74	75	72	70	71	67	69	66	62	63	71	71	71	72	73	75	75	76	76	76	71	68	67	75
Dumas	Maximum	93	92	94	93	97	93	94	96	96	93	97	99	93	85	85	95	95	97	98	98	98	100	100	100	105	105	103	96	98	100	103
	Minimum	73	70	73	72	72	72	74	74	72	74	74	73	71	72	71	74	70	69	70	71	70	71	71	70	73	71	72	74	72	71	64
El Dorado	Maximum	93	93	91	89	92	94	96	97	94	91	94	95	89	90	84	92	94	97	95	96	96	97	98	100	100	102	101	96	97	96	102
	Minimum	69	75	74	73	72	72	72	74	71	73	74	76	71	74	72	76	71	69	72	71	72	73	73	73	75	74	76	74	73	71	74
England	Maximum	94	96	92	..	97	94	98	..	97	91	97	99	93	91	82	92	92	95	97	96	98	98	100	101	102	105	104	100	99	99	100
	Minimum	70	71	73	..	70	72	71	..	72	73	74	71	69	74	70	75	67	70	69	89	70	72	71	71	72	71	72	73	71	71	71
Eureka Springs	Maximum	93	94	94	94	95	98	98	98	100	98	91	99	92	90	92	84	87	92	90	92	93	95	96	99	100	100	100	96	96	88	96
	Minimum	62	66	74	73	72	74	74	72	72	74	74	67	69	73	72	65	65	69	71	72	70	72	71	73	71	73	70	76	70	67	76
Fayetteville	Maximum	92	96	95	94	96	98	98	96	98	100	96	96	92	92	93	90	87	90	89	90	91	94	95	96	98	99	98	95	95	90	94
	Minimum	62	65	73	73	72	73	72	73	72	72	72	69	70	74	73	66	65	71	72	71	72	70	68	67	63	67	71	73	69	69	71
Fordyce	Maximum	95	94	92	93	93	95	98	97	96	92	97	97	92	93	93	93	95	98	98	98	99	100	100	104	105	105	105	100	100	102	100
	Minimum	69	75	73	73	71	73	74	74	72	74	74	74	70	72	71	75	70	71	71	69	72	72	72	74	76	75	78	74	75	71	72
Fort Smith***	Maximum	97	98	95	95	97	97	99	100	98	98	96	99	96	92	95	88	91	94	95	96	96	98	98	99	100	101	100	97	96	98	99
	Minimum	73	74	77	76	75	76	77	77	78	77	76	75	74	77	75	69	69	73	74	72	73	74	74	74	73	74	75	76	71	75	73
Gilbert	Maximum	94	93	95	95	95	96	97	98	99	98	97	98	97	95	90	81	87	90	93	93	93	95	99	102	104	103	105	103	100	101	100
	Minimum	64	66	69	68	68	67	69	70	70	68	69	70	66	64	73	67	65	65	66	63	64	62	65	65	54	64	64	67	63	57	63
Grannis	Maximum	92	91	89	89	90	92	93	94	93	90	94	98	89	83	87	86	90	92	91	92	94	96	97	100	103	102	102	99	98	99	104
	Minimum	66	66	67	69	65	67	68	67	68	67	67	68	69	70	69	74	65	62	65	62	63	64	64	63	65	64	65	65	65	65	63
Gravette§§	Maximum	94	98	99	97	99	102	101	103	102	102	96	99	97	94	95	84	90	94	92	91	95	98	100	102	101	103	103	102	90	88	98
	Minimum	59	66	73	72	72	73	72	71	72	71	71	67	70	72	72	66	64	68	67	70	72	70	69	65	63	66	67	71	67	68	68
Harrison	Maximum	93	98	99	98	101	101	98	98	99	98	95	98	90	89	82	80	87	92	95	97	100	103	102	103	104	103	101	104	101	97	101
	Minimum	63	65	72	73	71	72	73	71	71	70	76	71	70	69	70	67	65	70	66	66	65	66	65	67	63	68	68	71	69	65	71
Helena	Maximum	89	86	89	87	92	92	95	97	93	89	95	93	91	91	81	88	90	93	93	94	95	96	98	98	100	102	101	98	97	98	99
	Minimum	72	69	73	71	71	72	72	74	73	73	73	72	68	73	70	73	68	71	72	73	73	71	71	70	70	72	72	74	71	68	72
Highland	Maximum	96	94	94	89	85	93	97	97	85	87	92	90	92	88	93	93	94	96	95	97	96	98	99	101	103	102	102	90	98	105	95
	Minimum	74	71	73	71	70	71	72	74	70	69	72	74	75	62	79	82	80	76	77	78	80	80	81	84	84	85	86	81	81	80	85
Hope §§	Maximum	96	96	86	87	86	93	96	92	93	90	90	94	87	85	89	93	87	92	95	90	95	92	101	100	104	102	98	91	95	100	98
	Minimum	70	72	73	73	72	71	74	72	71	71	71	73	70	71	72	74	70	67	70	67	67	69	68	69	72	71	72	71	71	70	70
Hot Springs	Maximum	97	97	106	101	100	99	105	103	107	102	106	98	93	93	91	95	102	102	100	101	101	100	106	106	105	109	104	99	98	99	102
	Minimum	70	70	72	69	73	72	73	72	73	73	73	71	69	74	72	75	69	68	70	69	69	70	70	70	75	70	72	72	69	69	68
Jonesboro	Maximum	90	95	93	92	94	96	98	98	96	95	97	92	96	93	76	91	91	90	95	96	96	100	101	101	100	104	94	100	97	95	102
	Minimum	73	70	72	72	72	73	73	74	74	73	74	71	71	71	70	73	71	68	68	69	70	72	73	75	74	70	71	69	70	68	71
Lead Hill	Maximum	94	96	97	97	97	99	96	99	100	99	95	98	93	93	84	84	91	93	93	96	97	100	103	105	105	105	101	101	101	98	101
	Minimum	61	64	71	70	70	68	77	69	70	68	70	68	68	71	72	67	64	69	65	63	64	64	63	64	59	63	64	64	64	65	66
Little Rock.***	Maximum	92	95	90	90	92	94	97	94	94	91	95	92	89	89	84	90	92	94	94	94	96	96	99	99	102	100	100	96	96	96	99
	Minimum	71	74	73	73	73	74	75	76	74	73	71	70	72	74	70	72	70	71	75	73	75	74	75	75	78	78	79	77	72	74	73
Little Rock [Airway]	Maximum	91	96	92	92	95	89	96	97	96	93	96	92	90	91	83	92	92	94	95	94	96	97	97	100	100	102	101	97	98	98	98
	Minimum	69	72	74	72	72	73	72	74	75	73	73	70	70	75	70	72	68	69	71	70	70	71	73	71	70	71	73	71	70	69	69
Lutherville	Maximum	93	96	93	92	94	96	101	96	96	96	95	96	92	87	90	66	88	98	92	94	95	96	97	102	100	100	103	97	95	98	99
	Minimum	66	70	73	71	72	71	72	77	74	71	73	70	69	74	70	67	66	68	70	67	69	70	70	70	69	70	72	72	67	69	75
Magnolia	Maximum	95	93	92	89	92	93	95	97	97	91	95	97	94	90	90	93	95	95	93	95	97	97	99	100	102	101	101	95	97	97	101
	Minimum	71	68	74	73	71	73	74	74	72	71	72	71	70	74	72	76	70	66	72	68	68	71	69	70	71	76	73	69	71	75	72
Mammoth Spring	Maximum	89	93	94	95	96	97	93	97	95	97	93	92	93	91	88	88	89	90	94	94	95	99	101	102	100	101	95	95	94	94	99
	Minimum	65	66	70	71	70	70	71	70	72	71	73	70	70	69	70	69	70	67	67	66	66	67	66	65	63	66	67	67	67	67	67
Marianna	Maximum	91	90	89	90	94	94	96	96	92	90	97	92	92	92	92	90	92	93	94	95	97	97	99	100	100	102	100	98	98	100	98
	Minimum	78	73	74	73	73	73	74	74	76	76	75	72	72	72	72	75	71	73	73	73	71	71	73	73	72	74	75	75	75	73	73
Marked Tree§§	Maximum	91	93	91	90	94	97	98	99	97	94	97	94	95	95	81	91	91	91	94	91	96	98	100	100	99	101	97	100	93	95	100
	Minimum	70	74	71	73	71	72	73	74	73	74	72	72	70	74	71	70	71	68	67	68	70	71	71	72	72	71	70	70	72	69	72
Mena	Maximum	94	97	93	94	95	94	99	100	98	94	96	97	92	85	90	87	92	95	93	93	95	97	99	101	103	103	103	100	96	98	102
	Minimum	68	70	74	72	70	72	73	70	73	70	70	70	70	71	70	75	66	68	70	70	69	68	67	69	68	73	72	67	67	79	67
Monticello	Maximum	90	84	90	85	92	91	92	90	93	89	92	96	84	88	80	91	92	90	88	84	95	96	97	98	101	102	102	95	98	99	98
	Minimum	72	74	76	73	76	76	76	77	74	74	77	78	73	73	72	72	74	75	76	75	76	77	76	76	76	72	77	73	75	68	74
Morrilton§§	Maximum	96	98	92	91	94	95	98	99	101	98	99	96	92	92	91	90	89	91	94	96	99	101	102	103	104	105	104	101	99	101	101
	Minimum	70	69	75	71	70	72	73	71	72	73	74	71	68	69	71	69	67	68	70	67	68	70	71	71	72	71	70	70	68	68	69
Mountain Home	Maximum	88	92	93	94	93	94	96	98	100	101	98	96	96	94	90	88	89	85	92	97	96	97	102	105	103	104	97	103	99	96	99
	Minimum	74	64	72	71	70	70	80	70	71	70	72	76	68	72	71	66	65	68	69	65	66	65	72	66	63	66	67	70	67	65	68
Mt. Ida	Maximum	97	98	95	94	95	97	98	98	99	97	101	99	92	84	91	89	94	96	94	95	98	102	103	104	105	106	105	99	100	101	104
	Minimum	65	62	73	71	68	72	68	66	69	68	66	69	70	72	71	69	65	62	64	62	63	63	64	62	65	64	63	66	64	65	62
Newport	Maximum	93	95	95	93	95	99	100	101	98	97	100	95	96	96	83	91	92	94	95	96	98	101	102	104	104	102	102	101	99	97	101
	Minimum	71	70	74	73	74	73	73	73	74	73	73	72	70	74	71	74	70	71	70	70	69	71	70	71	70	70	69	72	70	68	71
Oden***	Maximum	99	96	95	93	93	94	96	97	97	95	97	98	92	85	91	88	93	95	93	93	96	98	101	102	103	104	103	96	97	96	102
	Minimum	76	67	73	71	70	72	72	76	75	72	73	72	72	73	73	72	69	67	68	65	67	69	69	68	70	71	70	71	70	71	67
Okay	Maximum	97	97	93	93	95	95	97	99	98	95	95	98	94	86	91	94	94	97	96	97	98	101	101	103	104	103	105	102	99	101	102
	Minimum	70	72	73	73	70	72	76	72	72	71	70	73	71	73	72	75	68	67	69	67	70	68	68	68	70	69	70	69	69	68	68
Ozark	Maximum	98	98	99	97	97	97	101	100	99	99	101	100	92	90	95	88	85	94	95	95	97	99	100	102	103	103	103	100	98	99	99
	Minimum	65	70	74	72	71	73	73	73	75	74	70	73	71	74	74	75	64	65	65	63	63	65	65	70	71	75	75	72	..	..	..
Pine Bluff	Maximum	91	94	91	91	94	94	96	97	96	93	96	98	92	92	83	92	92	96	96	95	96	98	100	101	103	105	104	99	98	96	101
	Minimum	71	72	74	75	72	75	75	76	73	75	75	74	72	74	71	75	71	70	72	71	73	75	74	74	75	75	77	76	74	73	73
Pocahontas	Maximum	91	94	93	94	96	99	98	99	98	97	97	93	93	91	86	89	93	90	95	95	96	100	102	104	102	104	102	97	98	94	103
	Minimum	71	70	72	74	72	72	71	71	73	74	72	70	71	71	71	74	73	68	68	69	68	69	70	73	71	70	71	68	71	69	70
Portland	Maximum	92	93	91	90	93	93	96	98	93	90	93	96	89	91	79	90	91	93	95	94	94	96	96	99	99	98	98	94	95	96	99
	Minimum	70	70	71	68	67	69	71	71	70	72	70	72	69	70	69	70	67	66	67	69	69	68	70	70	72	71	71	71	71	68	69

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding

Weather Bureau Office, Little Rock, Ark. 9-26-38-1

Daily temperatures for August, 1938, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott	Maximum	97	96	91	94	94	96	98	98	98	96	96	98	92	92	91	95	96	98	97	98	98	100	102	104	105	104	104	100	99	101	103	97.9
	Minimum	70	72	74	73	71	74	74	74	71	72	73	73	71	73	72	76	70	68	70	68	68	71	70	72	73	74	74	72	70	71	71	71.8
Rogers	Maximum	91	95	94	94	94	99	98	98	98	98	97	98	96	92	92	84	87	94	92	93	93	95	97	99	99	100	100	96	96	86	95	94.8
	Minimum	61	64	73	70	71	70	73	70	70	70	71	68	70	75	72	66	65	67	69	69	70	66	66	64	61	66	67	69	66	68	70	68.3
Russellville [Evap]	Maximum	95	98	97	95	97	98	100	102	100	99	100	98	95	92	92	92	90	96	97	97	99	100	102	104	105	104	104	103	99	99	100	98.4
	Minimum	67	69	72	72	72	73	73	73	73	69	70	70	69	72	71	63	62	63	63	62	65	64	64	63	67	67	66	69	65	69	71	68.0
St. Charles§§	Maximum	93	91	91	91	94	95	97	99	94	92	98	95	92	93	81	92	92	94	94	95	94	96	98	100	101	102	103	99	96	95	101	95.3
	Minimum	72	72	73	71	71	73	73	74	73	74	75	73	70	74	70	70	69	71	72	72	71	72	72	72	73	73	74	75	72	70	71	72.8
Searcy	Maximum	93	97	93	91	94	97	99	100	99	95	98	95	95	94	81	91	91	96	95	95	97	99	101	104	104	105	101	100	100	98	103	96.8
	Minimum	70	72	74	73	72	73	73	74	74	74	73	73	69	72	70	74	68	72	72	69	70	71	71	71	71	70	70	72	70	70	72	71.6
Stuttgart	Maximum	92	95	92	90	94	95	98	100	98	93	98	90	94	94	82	92	92	96	95	96	97	98	99	101	103	103	104	99	99	100	102	96 2
	Minimum	69	71	72	71	70	72	72	74	72	72	71	73	70	72	69	73	69	69	79	70	72	73	72	72	72	72	74	73	72	70	70	71.7
Subiaco	Maximum	96	98	96	95	97	99	101	101	103	100	102	103	98	95	96	89	92	97	97	97	97	99	100	102	104	104	104	100	97	99	101	98.7
	Minimum	68	70	73	72	72	72	73	72	74	73	76	70	69	76	72	68	67	68	69	68	68	69	70	71	70	70	71	71	68	71	72	70.7
Texarkana	Maximum	98	96	96	93	95	98	100	101	99	95	100	98	90	92	93	96	98	99	98	100	101	102	103	105	106	106	106	101	100	105	106	99.2
	Minimum	72	72	73	70	71	72	73	74	72	71	72	75	70	72	72	75	74	72	72	73	71	72	71	71	73	72	73	71	72	73	71	72.2
Thornburg	Maximum	95	96	92	91	95	97	100	97	99	96	99	100	93	91	87	91	93	96	93	98	99	102	104	105	105	109	106	100	100	101	104	97.9
	Minimum	64	64	72	72	69	70	68	66	68	67	69	68	68	71	69	67	64	62	64	61	62	65	64	63	64	66	64	66	62	64	63	66.0
Turnpike	Maximum	89	87	87	85	86	88	89	89	91	89	91	89	85	82	81	78	82	88	82	87	88	91	93	96	97	97	98	93	92	93	95	89.0
	Minimum	71	70	71	69	69	72	72	77	75	76	72	72	67	70	67	63	64	71	72	71	72	75	77	79	79	80	79	74	71	79	76	72.6
Warren	Maximum	93	88	92	91	92	94	96	96	93	89	96	96	96	94	84	92	94	90	95	96	96	97	99	100	105	102	102	95	98	99	103	95.3
	Minimum	72	73	74	72	71	73	74	74	71	73	74	74	69	74	71	74	71	69	69	69	70	71	70	71	75	74	73	73	73	69	74	72.1
White Rock	Maximum	86	88	87	86	89	90	91	91	91	90	90	89	87	85	86	83	80	86	85	88	86	89	90	93	94	93	94	90	89	90	93	88.7
	Minimum	72	69	71	69	69	69	72	73	74	71	66	72	68	69	68	62	64	72	71	71	71	72	72	75	76	74	75	73	68	70	72	70.6
Wilson	Maximum	88	93	89	90	92	95	95	95	93	91	95	91	93	90	92	90	90	88	92	94	95	98	98	98	97	99	96	94	97	91	96	93.4
	Minimum	72	69	72	72	72	72	73	73	73	75	74	72	70	72	72	74	71	69	67	68	76	74	71	73	73	71	70	70	69	69	70	71.5
Wynne	Maximum	90	93	91	89	93	96	98	97	97	93	98	95	95	93	81	92	92	94	96	97	99	100	102	103	102	104	102	102	98	99	103	96.3
	Minimum	72	71	73	72	72	71	72	74	73	74	73	70	70	75	72	73	68	71	69	69	70	71	70	71	70	72	70	73	71	68	71	71.3

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for August, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.031	.372	.307	.365	212	.165	.300	.277	.341	.690	.213	.266	.266	.083	.171	.320	.306	.282	.276	.318	.292	.268	.280	.140	.274	.308	.321	.320	.251	.302	.316	8.633
	Mean tem.	83	84	80	80	79	82	85	82	82	80	80	84	78	78	80	84	78	80	82	78	81	80	84	84	88	86	85	81	83	85	84	82.0
	Wind move	14	19	28	68	14	26	40	31	22	10	39	16	16	22	64	70	38	28	31	17	32	22	13	9	5	27	10	37	16	62	30	876
Russellville [Ozark Nursery]	Evap.	.272	.274	.322	.216	.268	.372	.314	.258	.306	.338	.332	234	.150	.238	.264	.170	.200	.204	.314	.290	.262	.212	.400	.290	.320	.338	.432	.308	306	.318	.296	8.768
	Mean tem.	81	84	84	84	84	86	86	88	86	84	85	84	82	84	82	78	76	80	89	80	82	82	83	84	86	86	85	86	82	84	86	83.2
	Wind move	1	22	37	36	26	28	30	20	28	28	44	20	40	50	50	50	40	16	24	34	33	3	30	20	30	30	32	45	33	30	28	938
Stuttgart [Rice Exp. Farm]	Evap.	.164	.196	.202	.220	.168	.267	.168	.245	.174	.169	.310	.159	.218	.258	.784	.115	.227	.196	.215	.234	.207	.227	.218	.223	.223	.229	.245	.252	.317	.151	.221	6.702
	Mean tem.	82	82	84	82	80	84	82	86	84	84	82	85	82	84	82	76	80	80	83	82	83	84	84	84	85	86	86	88	84	84	84	83.2
	Wind move	44	30	79	92	63	66	45	28	35	38	55	47	51	60	122	173	74	20	16	19	19	18	12	14	17	13	31	39	50	34	25	1430

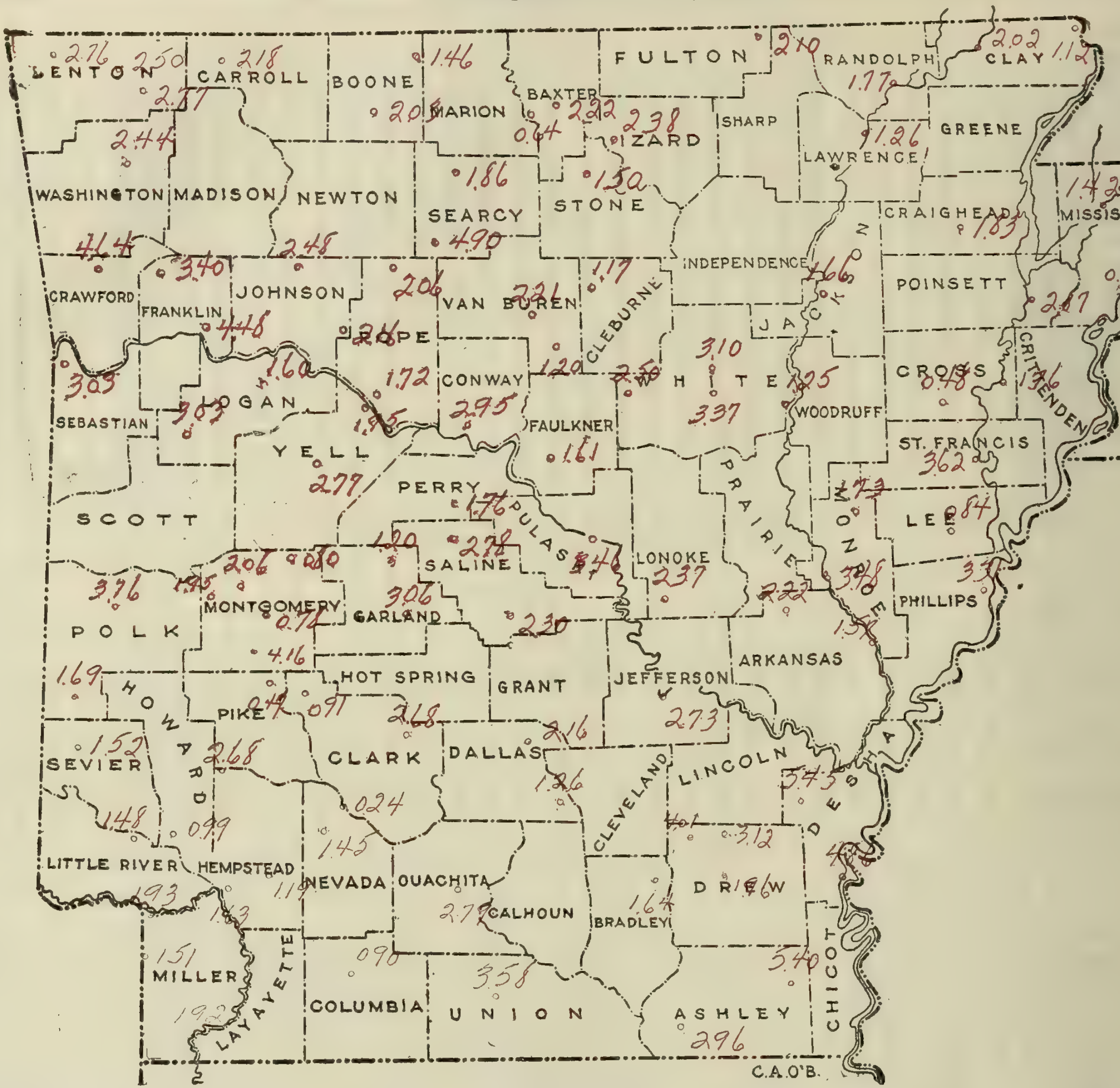
Daily River Stages for August, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.1	9.8	9.0	8.2	7.8	7.2	7.0	6.8	6.5	6.3	6.2	6.2	6.1	6.2	5.9	6.0	6.3	9.3	13.4	12.8	12.8	11.8	10.4	9.8	9.2	8.6	8.0	7.6	7.2	6.9	6.7
Van Buren	do	22	9.8	9.6	8.4	7.8	6.9	6.4	6.1	5.9	5.6	5.4	5.2	5.0	5.0	5.1	4.9	4.9	5.3	8.1	13.9	13.2	13.3	12.2	10.4	9.6	8.7	7.8	7.0	6.4	6.0	5.6	5.4
Danville	Petit Jean	20	2.8	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	2.0	2.0	2.4	5.0	5.8	3.5	2.9	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	1.9	1.8
Ozark	Arkansas	22	4.2	5.0	4.4	3.6	2.9	2.3	2.0	1.6	1.3	1.2	1.0	0.9	0.8	0.8	0.8	0.6	0.8	1.2	7.6	8.5	8.1	8.0	6.5	5.2	4.4	3.7	2.9	2.3	1.8	1.5	1.1
Dardanelle	do	22	5.0	7.4	8.0	7.4	6.7	5.9	5.2	4.8	4.5	4.3	5.0	3.7	3.6	3.4	3.4	3.6	3.4	3.5	4.3	10.9	11.0	11.0	10.5	9.1	8.1	7.5	6.7	5.9	5.3	4.9	4.5
Morrilton	do	20	2.0	2.0	4.1	3.9	3.3	2.5	1.6	0.9	0.5	0.2	-0.2	-0.5	-0.6	-0.8	-0.8	-0.8	-0.9	-0.8	-0.6	4.4	7.8	7.5	7.4	6.2	4.9	4.1	3.4	2.3	1.7	1.0	0.6
Little Rock	do	23	2.7	2.6	3.5	4.9	4.6	3.9	3.4	2.8	2.4	2.2	1.9	1.7	1.6	1.4	1.3	1.3	1.3	1.2	1.2	1.4	6.2	7.8	7.7	7.4	6.3	5.3	4.7	4.0	8.4	2.8	2.4
Pine Bluff	do	25	6.6	6.4	6.2	7.5	9.7	8.1	7.7	7.1	6.7	6.3	5.8	5.6	5.6	5.3	5.3	5.2	5.1	5.0	5.0	5.0	5.3	10.3	11.5	11.3	10.7	9.7	8.9	8.1	7.6	6.7	6.4
Gilbert	Buffalo	30	3.1	3.0	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.7	3.1	3.3	3.2	3.0	2.8	2.7	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.5	2.6
Doniphan, Mo.	Current	10	3.6	3.6	3.3	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5
Black Rock	Black	14	8.1	8.4	7.7	7.1	6.5	6.2	5.8	6.0	5.6	5.2	4.9	4.7	4.0	3.4	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.2	2.2
Judsonia	Little Red	..	5.0	7.0	7.7	7.9	7.8	7.4	6.9	6.5	6.1	5.8	5.7	5.5	5.3	5.2	4.9	4.9	4.3	4.0	3.8	3.6	3.3	3.1	2.9	2.9	2.8	2.7	2.5	2.3	2.2	2.0	1.9
Ozark Beach Mo	White	30	-0.8	-0.8	-0.8	0.2	-0.8	-0.8	-0.8	-0.8	-0.8	0.8	-0.8	-0.4	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.2	-0.8
Cotter	do	21	3.7	3.5	3.5	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Calico Rock	do	18	1.6	1.1	1.3	0.8	0.7	0.4	0.6	1.0	0.8	0.6	0.4	0.5	0.6	1.0	0.7	0.5	0.5	0.3	0.1	0.3	0.1	0.4	0.2	0.2	0.0	0.1	0.1	-0.1	-0.1	-0.1	0.0
Batesville	do	23	8.1	6.5	6.3	6.2	5.7	5.5	5.7	5.5	5.8	5.7	5.5	5.7	5.4	5.5	5.8	5.6	5.5	5.3	5.1	5.0	5.0	5.0	5.1	5.0	5.0	4.8	4.9	4.9	4.7	4.8	4.8
Newport	do	26	5.1	5.7	5.4	5.2	4.8	4.3	4.0	3.8	3.7	3.6	3.4	3.1	3.4	2.7	2.5	2.4	2.1	2.0	2.0	1.8	1.5	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.9	1.0
Georgetown	do	21	4.2	5.9	7.0	7.2	7.3	7.1	6.6	6.2	5.8	5.5	5.4	5.2	5.0	4.9	4.7	4.4	4.1	3.8	3.6	3.4	3.2	3.0	2.8	2.7	2.6	2.4	2.3	2.2	2.1	2.0	1.9
Clarendon	do	26	10.8	10.8	11.5	12.6	13.3	13.6	13.6	13.4	13.1	12.8	12.4	12.1	12.0	11.8	11.7	11.7	11.5	11.2	10.9	10.7	10.5	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.9	8.7	8.5
St Charles	do	..	11.8	11.6	11.8	12.5	13.3	13.7	13.9	13.9	13.8	13.5	13.3	13.0	12.8	12.6	12.6	12.5	12.4	12.2	11.9	11.6	11.3	11.1	10.9	10.6	10.4	10.2	10.1	9.9	9.7	9.5	9.4
Arkadelphia	Ouachita	17	3.9	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.5	4.0	3.4	3.4	3.6	3.7	3.6	3.5	3.5	3.6	3.8	3.6	3.5	3.6	3.5	3.4	3.8	3.9	3.6	3.6	3.8	3.5	3.9
Boughton	Little Mo.	20	6.0	6.0	5.2	4.8	4.4	4.2	3.9	3.8	3.7	3.6	3.5	3.4	3.4	3.4	3.4	3.5	3.6	3.6	3.8	3.6	3.5	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1
Camden	Ouachita	26	4.5	4.8	5.6	4.8	4.3	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.9	3.8	3.9	4.2	4.2	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8
Benton	Saline	..	7.0	6.0	5.3	4.9	4.6	4.4	4.2	4.0	3.9	3.8	3.7	3.6	5.4	4.4	4.2	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1	3.0	3.0	3.0
Whitecliffs	Little River	25	2.9	2.0	1.9	1.7	1.5	1.4	1.4	1.4	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Index	Red	25	9.8	10.2	10.4	10.4	10.3	9.9	8.8	8.8	8.0	7.6	7.2	7.0	7.0	7.1	7.1	7.0	6.7	6.6	6.4	6.4	6.4	6.4	6.4	7.2	7.0	6.8	6.8	6.8	6.8	7.1	7.0
Fulton	do	25	7.6	8.4	8.8	8.9	8.9	8.5	7.7	6.9	6.5	6.2	6.0	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1	5.0	5.2	5.5	5.3	5.3	5.2	5.1	5.2	5.4
Big Lake Outl't	St. Francis	10	5.4	6.0	7.8	9.4	10.1	10.4	10.4	10.3	10.0	9.6	9.1	8.5	7.8	7.2	6.7	6.4	6.2	5.9	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.7	4.6	4.5	4.4	4.4	4.3
St. Francis	do	18	11.4	11.2	10.3	9.1	7.9	7.1	6.1	5.5	5.1	4.7	4.5	4.4	4.4	4.3	4.4	4.2	4.2	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.5
St. Francis L.L.	do	..	20.5	20.5	20.6	20.9	21.2	21.4	21.7	21.9	22.1	22.2	22.3	22.3	22.2	22.1	22.0	21.9	21.7	21.5	21.3	21.2	21.0	20.9	20.7	20.5	20.3	20.2	20.0	19.9	19.9	19.9	19.9
Marked Tree	do	17	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8
Parkin	do	28	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.6	3.7	3.9	4.1	4.3	4.5	4.7	4.8	4.9	5.0	4.9	4.7	4.6	4.3	4.1	3.9	3.7	3.7	3.6	3.4	3.2	3.1	3.0	2.8
Madison	do	32	5.3	5.2	5.3	5.5	5.7	5.9	5.9	5.9	6.0	6.2	6.5	6.8	7.1	7.2	7.4	7.4	7.1	6.8	6.4	6.0	5.7	5.3	5.0	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.3
Helena	Mississippi	42	24.4	24.3	24.6	25.1	25.7	25.9	25.8	25.7	25.8	25.9	26.1	26.3	26.4	26.4	26.3	25.9	25.1	24.0	22.8	21.4	20.1	19.0	17.8	16.1	14.6	13.8	13.4	13.1	12.9	12.6	12.2
Arkansas City	do	42	18.5	18.5	18.4	18.4	18.8	19.3	19.6	19.7	19.7	19.6	19.6	19.7	19.8	19.8	19.8	19.8	19.4	18.9	18.2	17.2	16.0	14.8	14.3	14.1	13.4	12.3	11.4	10.6	10.1	9.7	9.4

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, **Texarkana**; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||| 24 hours ending 7 a. m. *Included in next measurement.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive.

Precipitation for August, 1938



Corrections:--June Climatological Data

Page 32. Amity, mean temperature 76.6e; maximum temperature 94d on 15th; greatest daily range 29e; departure from normal precipitation −0.80. Arkadelphia, clear days 11, partly cloudy 14, cloudy 5, direction E. Clinton, clear days 8, partly cloudy 15, cloudy 7. England, mean temperature 77.0e; maximum temperature 94e on 15th; greatest daily range 30e. Hope, date of highest temperature 15th†; greatest daily range 27. Marked Tree, date of highest temperature 15th†. Mount Ida, date of minimum temperature 3d. Oden, minimum temperature 57° on 3d. Pocahontas, mean temperature 75.6d; departure from normal −1.0. St. Charles, mean temperature 77.2; date of highest temperature 24†. Springbank, departure from normal precipitation +6.02. Turnpike, greatest daily range 21. Warren, date of highest temperature 6†. Whit Rock, date of highest temperature 15†.

Page 34. Daily maximum temperatures at Amity moved up one day maximum on 30th 91°; mean maximum 87.3°.

Page 35. St. Charles, observations taken at 7 a. m. beginning Jun 8th; delete maximum temperature of 75° on 8th, and move all maximum temperatures beyond the 8th up one day. Maximum on 30th, 87° mean maximum 87.3°.

July Climatological Data

Page 38. Corning, mean temperature 81.7°; departure +1.7°.

Page 40. Corning, mean maximum temperature 94.9°.

1.05
VAR

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLIII Little Rock, Ark., September, 1938 No. 9

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The average temperature for the month of September was above normal while the average precipitation was considerably below normal. The rainfall was 46% of the 48-year average.

Temperatures were high the first half and the last week of the month. The average temperature for the State, based on the reports of 67 stations, was 75.7° which is 1.3° above the 48-year average. Monthly means ranged from 79.0° at Texarkana to 70.4° at Devils Knob. The highest temperature reported during the month was 107° at Conway and Texarkana on the 1st. The lowest temperature was 32° at Thornburg on the 20th. The greatest daily range was 54° at Thornburg on the 30th.

Scattered showers occurred during the first two weeks of the month, and one or two showers in the southern and eastern portions of the State during the last week. The average precipitation for the 100 stations reporting was 1.55 inches which is 1.82 inches below the 48-year average. The monthly totals ranged from 0.11 inch at Calico Rock in Izard County to 4.32 inches at St. Charles in Arkansas County. Thirty stations reported monthly totals of less than one inch, eleven of this number were in the northeastern portion of the State. The greatest amount measured in any 24-hour period was 3.16 inches at St. Charles on the 26th. The average number of days with 0.01 inch or more rainfall was 4.

Cotton made good to very good progress during the month. Picking progressed very rapidly in all portions and was nearly completed in the hills and adjoining sections, and well along in the eastern lowlands at the close of the month. The weather was favorable for gathering early corn, but the soil was too dry for late corn. It was also favorable for harvesting and threshing rice and for gathering feed and food crops, but the soil was too dry for meadows and pastures most of the month. Light frost was reported at a few stations in the western and northwestern sections of the State on the 19th or 20th but it did very little damage.

An earthquake was felt over most of the State, except the extreme southwestern portion, from 9:30 p. m. to 9:36 p. m. on the 16th. It was felt most in the central and east-central sections of the State, and stations in these areas reported very slight damage. Auroras were observed at Eureka Springs on the 13th; at Harrison, Mountain Home and Subiaco on the 27th; and at Mountainburg on the 28th, 29th and 30th.

Farm home near Subiaco destroyed by lightning on the 5th. Estimated loss $2500.

Hail and wind damaged cotton over a small area in eastern Monroe County on September 1st. No estimate of damage.

O.D.N.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog......	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Light Fog	.	..	1	2	2	1	.	1	.	.	.	.	1	2	.	.	.	.	.	1	1	.	.	.	.	.	1	.	.	1	.
Moderate Hail	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorm	15	11	12	9	19	11	14	9	1	2	6	1	7	12	1	..	.	.	..	.	.	..	1	2	12	7	3	12	4	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.03	30.32	20	29.71	17	5.0	15	s	11	..	..	..	87
Fort Smith	30.02	30.32	20	29.81	17	6.3	21	s	5	77	46	45	72
Little Rock	30.01	30.26	20	29.70	14	7.0	22	ne	7	80	46	47	77
Memphis	30.01	30.24	20	29.70	14	6.7	18	n	3	79	49	57	61

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891...	73.4	102	40	0.94	0	2	22	6	2
1892............	70.8	96	32	2.14	0	3	23	4	3
1893............	74.0	103	36	3.75	0	5	19	5	6
1894............	73.1	100	38	3.56	0	6	14	8	8
1895............	77.1	105	32	1.36	0	4	19	7	4
1896............	73.3	106	35	3.25	0	10	11	9	10
1897......... .	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899............	71.9	109	28	1.21	0	3	20	7	3
1900............	78.0	104	48	4.25	0	7	12	12	6
1901............	72.6	101	32	3.08	0	4	18	8	4
1902............	68.4	99	30	5.06	0	8	15	8	7
1903............	70.7	102	34	2.47	0	5	18	7	5
1904............	75.4	101	37	2.46	0	5	15	9	6
1905............	74.2	100	44	3.90	0	8	16	7	7
1906............	75.7	100	47	6.24	0	10	11	9	10
1907...	73.9	106	38	2.22	0	4	19	8	3
1908............	73.4	101	29	4 00	0	7	13	8	9
1909............	74.7	108	31	2 84	0	5	18	7	5
1910............	76.4	101	44	2.41	0	5	18	8	4
1911............	79.0	102	46	3.67	0	6	18	9	3
1912............	78.5	106	32	2.40	0	4	18	8	4
1913............	71.7	108	33	10.10	0	13	9	9	12
1914............	74.4	101	38	3.19	0	5	16	9	5
1915............	74.9	100	34	1.43	0	3	16	8	6
1916............	72.5	102	30	3.40	0	6	19	6	5
1917............	71.8	99	37	1.76	0	4	18	7	5
1918............	67.3	104	29	4.63	0	7	16	5	9
1919............	74.6	108	40	2.72	0	4	15	8	7
1920............	74.9	100	30	3.56	0	6	17	6	7
1921............	79.6	104	35	3.38	0	6	14	9	7
1922............	76.2	106	37	1.25	0	3	22	5	3
1923............	73.0	98	45	5.56	0	9	12	7	11
1924............	69.7	103	29	3.99	0	7	17	5	8
1925............	80.5	113	47	5.96	0	7	16	7	7
1926............	76.8	101	40	3.99	0	7	14	8	8
1927............	75.9	105	32	3.37	0	6	15	8	6
1928............	70.5	101	32	0.45	0	1	22	5	3
1929............	73 4	102	41	2.46	0	5	15	8	7
1930............	75.7	106	35	4.10	0	8	15	8	7
1931............	78.4	102	34	1.00	0	3	22	7	1
1932............	73.8	103	35	2 54	0	6	12	10	8
1933............	78.5	102	41	5.10	0	8	15	8	7
1934............	71.3	100	37	5.46	0	8	15	7	8
1935............	72.4	103	35	3.13	0	5	18	5	7
1936............	78.9	109	38	4.15	0	7	12	10	8
1937............	72.7	102	34	4.27	0	7	16	8	6
1938............	75.7	107	32	1.55	0	4	17	10	3
Period..	74.4	113	28	3.37	0	6	16	8	6

Climatological Data for September, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	76.4	....	100	1	44	19	41	0.80	....	0.31	0.0	5	10	19	1	n.	L. R. Water Works
Amity	Clark	500	43	75.5[e]	+ 0.7	106[e]	1	44[e]	19†	48[g]	0.30	−3.18	0.28	0.0	2	8[d]	18[d]	0[d]	e.	J. W. Campbell
Arkadelphia	Clark	200	43	77.2	....	105	1	42	21	51	0.92	−2.42	0.45	0.0	4	16	12	2	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	54	....	....	....	....	....	....	....	1.66	−1.29	0.83	0.0	4	25	0	5	....	Herbert Neff
Batesville	Independence	277	39	76.8	+ 4.2	102	10	42	19†	46	0.30		0.20	0.0	4	13	17	0	se.	Airway Observer
Bee Branch	Van Buren	700	46	75.4	+ 1.2	100	1†	40	20	44	1.80	−1.40	1.20	0.0	3	12	14	4	s.	J. E. Scanlan
Benton	Saline	285	3	74.6	....	103	1	37	20	46	0.35	....	0.26	0.0	3	20	7	3	ne.	S. A. Burks
Bentonville	Benton	1295	33	72.8	+ 2.0	96	1	37	20	38	1.46	−2.22	0.99	0.0	5	16	12	2	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	8	....	....	....	....	....	....	....	1.15		0.83	0.0	3	18	4	8	....	C. J. Brooks
Black Rock	Lawrence	259	37	....	....	....	....	....	....	....	0.86	−3.09	0.30	0.0	7	28	0	2	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	74.4	0.0	100	9†	41	20	41	0.89	−2.56	0.83	0.0	2	24	5	1	s.	Samuel Norris
Booneville	Logan	465	24	76.3	+ 0.7	101	1	38	20	48	2.64	−0.39	1.37	0.0	7	11	16	3	s.	F. H. Randolph
Boughton ‡‡	Clark	235	3	....	....	....	....	....	....	....	2.36		0.87	0.0	6	17	2	11	....	Harry Buie
Brinkley	Monroe	205	51	76.8	+ 2.0	101[d]	9	40[p]	20	42[p]	2.80	−1.18	1.55	0.0	5	22	8	0	sw	R. J. Torry
Calico Rock	Izard	381	34	....	....	....	....	....	....	....	0.11	−3.26	0.06	0.0	3	19	7	4	....	William Jones
Camden	Ouachita	116	58	76.9	+ 1.4	103	1	43	20	40	0.85	−2.36	0.32	0.0	5	14	11	5	s.	J. M. Knight
Carthage	Dallas	297	33	76.4	+ 2.0	101	9	43	19	44	1.09	−2.36	0.87	0.0	2	11	19	0	sw.	P. K. Wylie
Clarendon	Monroe	172	34	....	....	....	....	....	....	....	0.90	−2.54	0.79	0.0	5	16	10	4	n.	R. M. Wheatley
Clinton	Van Buren	516	17	....	....	....	....	....	....	....	1.00	−2.68	0.75	0.0	3	14	15	1	nw.	A. L. Stephens
Conway	Faulkner	309	55	78.2	+ 2.9	107	1	41	20	48	1.52	−1.95	0.97	0.0	7	21	7	2	s.	E. E. Cordrey
Corning	Clay	298	45	74.4	+ 1.8	101	10	38	20	44	0.72	−2.92	0.49	0.0	2	23	4	3	s.	Winfred D. Polk
Cotter	Baxter	440	11	....	....	....	....	....	....	....	2.08	−1.53	0.75	0.0	4	24	4	2	....	O. B McSpadden
Crossett (near)	Ashley	175	26	76.4	+ 0.9	100	1	39	21	46	1.80	−0.82	1.30	0.0	3	15	14	1	s.	U. S. Forest Service
Danville	Yell	327	22	....	....	....	....	....	....	....	2.27	−1.12	0.79	0.0	7	13	11	6	....	J. M. Patterson
Dardanelle	Yell	330	52	76.8	+ 1.6	101	1	44	20	46	2.49	−0.80	1.46	0.0	3	8	16	6	nw.	Geo. N. Goodier
De Queen	Sevier	426	3	76.8	....	102	1	43	20	42	1.92	....	1.13	0.0	4	21	6	3	ne.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	70.4	....	91	1	42	20	25	2.41	....	1.04	0.0	5	13	14	3	se.	U. S. Forest Service
Dumas	Desha	162	33	76.1	0.0	102	1	35	21	46	1.44	−1.45	0.55	0.0	6	7	22	1	s.	Ben Johnson
El Dorado	Union	270	38	76.8	− 0.4	102	1	46	20	35	1.55	−1.60	0.51	0.0	6	18	10	2	e.	Mrs. E. W. Gaston
England	Lonoke	229	32	77.2	+ 1.8	100	1†	45	20	41	0.79	−2.98	0.46	0.0	3	20	10	0	s.	Dr. R. H. Hardin
Eureka Springs	Carroll	1465	35	74.8	+ 2.8	98	1†	41	20	38	1.06	−3.16	0.62	0.0	4	16	11	3	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1451	51	73.3	+ 1.2	96	1	36	20	41	0.87	−2.68	0.68	0.0	5	13	16	1	nw.	University of Arkansa
Fordyce	Dallas	275	10	78.0	....	101	1	47[e]	20	38[e]	1.79	....	0.85	0.0	5	14	16	0	s.	Miss Mercille McMurry
Fort Smith	Sebastian	448	57	77.4	+ 3.4	100	1	46	20	36	2.13	−0.86	1.87	0.0	5	13	14	3	e.	U. S. Weather Bureau
Fulton	Hempstead	260	53	....	....	....	....	....	....	....	1.91	−0.74	1.28	0.0	4	18	8	4	....	T. J. Logan
Georgetown	Woodruff	200	26	....	....	....	....	....	....	....	0.95	−2.94	0.95	0.0	1	23	3	4	....	C. G. Long
Gilbert	Searcy	600	13	72.4	....	100	1	34	20	47	1.38	−2.95	0.82	0.0	2	27	0	3	....	F. J. King
Glenwood	Pike	547	3	....	....	....	....	....	....	....	3.20	....	1.10	0.0	9	18	10	2	....	C. A. Price
Grannis	Polk	900	19	74.5	+ 0.9	103	1	36	20	50	1.41	−3.41	0.98	0.0	4	17	10	3	se.	W. E. McVay
Gravette	Benton	1250	41	73.6	+ 2.8	99	9†	34	20	44	2.06	−1.65	1.90	0.0	2	18	12	0	sw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	....	....	96	6†	....	....	....	0.42	....	0.40	0.0	2	15	15	0	sw.	U. S. Forest Service
Harrison	Boone	1052	38	73.8	+ 3.6	100	9†	39	20	45	1.85	−2.18	1.25	0.0	4	22	5	3	e.	Louis R. Keck
Helena	Phillips	300	66	75.6	+ 0.2	97	6†	39	20	55	0.42	−2.66	0.26	0.0	5	17	10	3	ne.	James A. Burnett
Higden	Cleburne	445	19	....	....	....	....	....	....	....	0.93	−2.76	0.42	0.0	5	15	14	1	s	Austin E. Cartwright
Highland	Pike	491	19	75.6	....	102	1†	....	....	....	1.69	−1.51	0.76	0.0	5	11	18	1	w.	J. O. Cooley
Hope ....[Evap.]	Hempstead	375	68	75.0	− 1.6	103	1	44	19	36	1.63	−1.78	0.94	0.0	4	22	3	5	s.	Experiment Farm
Hot Springs	Garland	600	47	77.2	+ 1.5	102	1	44	20	40	1.54	−1.96	0.76	0.0	7	6	23	1	s.	National Park Servic
Index ‡‡	Little River	275	21	....	....	....	....	....	....	....	3.38	+0.60	1.80	0.0	2	25[a]	0[a]	4[a]	....	W. E. McDowell
Jessieville	Garland	750	12	....	....	....	....	....	....	....	1.85	−1.31	1.00	0.0	4	6	22	2	sw.	U. S. Forest Service
Jonesboro	Craighead	345	43	75.2	+ 0.7	99	10	44	19†	39	0.65	−2.76	0.43	0.0	4	11	15	4	ne.	Benedictine Sisters
Judsonia	White	....	2	....	....	....	....	....	....	....	1.43	....	1.43	0.0	1	23	4	3	....	T. H. Beals
Lead Hill	Boone	650	32	72.4	+ 0.2	101	7	34	20	53	2.47	−0.59	1.35	0.0	4	25	4	1	sw.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	59	76.6	+ 2.5	99	1	49	20	33	0.99	−2.18	0.48	0.0	7	11	14	5	sw.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	2	76.2	....	100	1	45	19	40	1.15	....	0.79	0.0	5	10	16	4	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	39	76.0	+ 2.0	100	1	42	20	38	1.50	−2.41	1.33	0.0	4	12	13	5	se.	H. G. Lenhardt
Madison	St. Francis	209	8	....	....	....	....	....	....	....	1.10	..	0.70	0.0	2	14	3	13	....	J. W. Eppes
Magnolia	Columbia	315	22	77.4	+ 0.8	102	1	46	21	37	2.40	−0.03	1.10	0.0	3	9	18	3	se	State Agri. School
Mammoth Spring	Fulton	600	34	72.6	+ 1.2	98	10	37	20	47	2.18	−1.35	1.20	0.0	3	20	10	0	w.	Paul Morton
Marianna	Lee	235	27	75.4	+ 1.3	96	9	44	20	33	1.94	−1.57	1.70	0.0	2	6	24	0	s.	C. N. Houck
Marked Tree	Poinsett	229	34	74.5	+ 0.9	98	8†	43	20	38	0.81	−2.15	0.55	0.0	2	18	11	1	n.	Charles Walton
Mena	Polk	1207	50	76.7	+ 2.7	100	27	43	20†	42	0.75	−3.17	0.46	0.0	5	14	7	9	sw.	E. W. St. John
Monticello Airway	Drew	273	2	78.5	....	98	1†	52	20	28	0.88	....	0.42	0.0	3	19	9	2	sw.	Airway Observer
Monticello .(near)	Drew	273	3	....	....	....	....	....	....	....	0.98	..	0.60	0.0	3	..	..	..	....	Soil Conservation Ser
Montongo	Drew	....	3	....	....	....	....	....	....	....	1.07	....	0.50	0.0	5	..	..	..	....	Soil Conservation Ser
Morrilton	Conway	315	19	77.7	+ 2.7	102	2	44	19†	45	1.06	−1.93	0.63	0.0	5	13	12	5	sw.	Mrs. Freda M. Ashcra
Mountainburg (nea	Crawford	2010	1	....	....	....	....	....	....	....	2.31	....	0.89	0.0	6	17	9	4	se.	C. A. Lovell
Mountain Home	Baxter	800	26	73.7	+ 2.0	100	10	39	19†	51	1.25	−3.05	0.65	0.0	4	24	4	2	nw.	H. N. Halbert
Mount Ida	Montgomery	702	39	74.2	+ 1.0	103	1	33	20	51	1.71	−2.41	0.65	0.0	5	11	12	7	se.	G. A. Whittington
Newport	Jackson	231	55	76.0	+ 1.8	101	1	41	19†	44	0.24	−3.49	0.16	0.0	3	23	6	1	n.	J. D. Henderson
Norman	Montgomery	687	10	....	....	....	....	....	....	....	2.40	....	1.25	0.0	3	12	11	7	s.	U. S. Forest Service
Oden	Montgomery	800	11	77.3	....	101	1	46	22	43	2.66	....	1.11	0.0	6	10	14	6	nw.	U. S. Forest Service
Okay	Howard	288	10	77.0	....	103	1	41	20	42	1.62	...	1.10	0.0	2	21	7	2	s.	Charles R. Jackson
Ozark	Franklin	396	43	76.6	+ 0.9	102	1	40	20	44	1.53	−1.28	0.98	0.0	4	19	6	5	se.	Orkney O. Milton
Parkin	Cross	222	8	....	....	....	....	....	....	....	1.83	..	1.15	0.0	2	18	2	10	....	Carroll King
Pine Bluff	Jefferson	215	51	78.3	+ 3.1	99	1	49	19	37	1.93	−1.68	0.75	0.0	7	15	10	5	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	14	....	....	....	....	....	....	....	1.35	−1.62	0.78	0.0	4	21	6	3	sw.	J. R. Huddleston
Pocahontas	Randolph	300	45	75.2	+ 1.8	101	10	42[a]	19	43[a]	0.71	−2.97	0.46	0.0	2	16	8	6	ne.	Benedictine Sisters
Portland	Ashley	122	32	75.0	− 1.3	96	1†	41	22	43	0.90	−1.59	0.69	0.0	5	14	14	2	nw.	W. E. Edmiston
Prescott	Nevada	318	50	78.2	+ 2.0	104	1	48	19	37	1.78	−1.57	0.67	0.0	7	17	9	4	s.	Craig Williams
Rock Springs ‡‡	Drew	....	3	....	....	....	....	....	....	....	0.42	....	0.20	0.0	6	..	..	..	....	Soil Conservation Ser
Rogers (near) ‡‡	Benton	1300	48	72.7	+ 1.5	98	28	35	20	44	0.92	−2.87	0.86	0.0	2	25	2	3	sw	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	....	....	....	....	....	....	....	1.93	....	1.22	0.0	4	20	9	2	w.	G. A. Maddox
Russellville [Evap]	Pope	526	26	77.0	+ 3.6	102	1	41	20	45	1.12	−2.93	0.72	0.0	2	28	0	2	se.	U. S. Forest Service
St. Charles	Arkansas	175	5	76.0	....	97	8†	45	20	39	4.32	....	3.16	0.0	5	21	7	2	.s	U. S. Biological Surve
St. Francis	Clay	290	11	....	....	....	....	....	....	....	2.10	−2.86	1.72	0.0	4	25	1	4	....	A. Boyce Boyd, Jr.
Searcy	White	245	28	76.1	+ 1.8	100	1†	42	20	43	3.34	−0.09	2.21	0.0	3	27	0	3	sw.	Walter Smith
Springbank ‡‡	Miller	240	29	....	....	....	....	....	....	....	2.97	0.00	1.00	0.0	6	22	1	7	....	Henry Field
Story	Montgomery	650	14	....	....	....	....	....	....	....	2.11	−0.83	1.40	0.0	6	20	8	2	s.	S. C Story
Stuttgart	Arkansas	214	51	77.0	+ 1.9	101	1	42	20	41	1.20	−2.30	0.78	0.0	3	22	7	1	n.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	3	76.2	....	100	1	42	20	40	1.83	....	0.66	0.0	5	..	..	..	....	Rice Experiment Sta.
Subiaco	Logan	750	41	77.0	+ 2.7	104	1	45	20	43	1.76	−1.67	1.26	0.0	3	15	13	2	se.	New Subiaco Abbey
Texarkana	Miller	332	53	79.0	− 2.8	107	1	46	19	39	3.14	+0.40	1.28	0.0	4	20	9	1	....	H. S. Brashear
Thornburg	Perry	650	18	74.3	+ 1.7	105	6	32	20	54	2.00	−1.50	0.90	0.0	6	13	15	2	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	73.4	....	95	1	45	20	31	3.39	−1.76	1.35	0.0	5	17	11	2	s.e	U. S. Forest Service
Waldron	Scott	675	19	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	....
Warren	Bradley	206	44	77.6	+ 1.5	103	3	45	21	40	0.49	−3.55	0.37	0.0	3	8	6	16	sw.	C. N. Turner
Whitecliffs	Little River	290	32	....	....	....	....	....	....	....	2.40	−0.19	1.51	0.0	2	21[a]	3[a]	5[a]	....	L. M. Snead
White Rock .††..‡‡	Franklin	2285	2	73.6	....	93	1	46	20	26	0.68	....	0.48	0.0	3	20	4	6	w.	U. S. Forest Service
Wilson	Mississippi	237	13	72.4[g]	− 1.4	98[a]	7	40[g]	20	37[g]	0.89	−1.27	0.45	0.0	3	28	0	2	n.	D. O. Anderson
Witt Springs	Searcy	1953	1	....	....	....	....	....	....	....	1.34	....	1.20	0.0	2	21	1	8	sw.	E. M. Duncan
Wynne	Cross	167	14	75.9	+ 2.1	102	9	39	20	44	1.66	−1.85	1.35	0.0	3	14	15	1	s.	W. E. Barton
State Means				75.7	+ 1.3	107	1	32	20	54	1.55	−1.82	3.16	0.0	4	17	10	3	s.	

Daily Precipitation for September, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita	T.		.31	.18	.20	T.					.06	T.													T.	.05		T.	T.			0.80
Amity ‖‖	Ouachita		.02												.28																		0.30
Arkadelphia ‖‖	Ouachita		.42				.03						T.	T.	.45	.02																	0.92
Arkansas City ‖‖	Mississippi	T.					.56					T.															.83	.24		.03			1.66
Batesville Airway	White			.05								.03		.02	.20																		0.30
Bee Branch	Arkansas					T.		.50		.10					1.20																		1.80
Benton ‖‖	Saline		T.			.04			T.				.05	T.	.26																		0.35
Bentonville ***	Arkansas					.16		T.	.22				.08	.99	T.			.01															1.46
Big Lake Outlet ‖‖	St. Francis				.07									.25	.83																		1.15
Black Rock ‖‖	White	.06	T.		.19				.06				.04	.03	.30														.18				0.86
Blytheville ‖‖	St Francis													.06	.83																		0.89
Booneville	Arkansas		.04	.46	.02	T.	.05	.01					.69		1.37																		2.64
Boughton ‖‖	Ouachita			.19			.70						.33	.20	.87												.07						2.36
Brinkley	White	.92		.15				.05							1.55												.13						2.80
Calico Rock ‖‖	White			.06	T.		.03		T.					.02													T.						0.11
Camden ‖‖	Ouachita	.32			.10								.16		.12	.15																	0.85
Carthage	Arkansas							T.				T.			.87											.22							1.09
Clarendon ‖‖	White		.04										.02		.79	.03											.02						0.90
Clinton	White		.17				T.							T.	.75													.08					1.00
Conway	Arkansas			.05		.34		.06				.02	.04		.04											.97							1.52
Corning ‖‖	White			.23											.49																		0.72
Cotter ‖‖	White			.55		.15	.63								.75																		2.08
Crossett [near]	Ouachita		.32						.18																			1.30					1.80
Danville ‖‖	Arkansas			.01	.72		T.	T.		T.	.53	.60	T.	T.	.79												.01			.21			2.27
Dardanelle ‖‖	Arkansas			1.46											1.02																.01		2.49
De Queen	Red			.12		T.						.62	.05		1.13															T.			1.92
Devils Knob	Arkansas			1.04				.21		.45				.47	.24															T.			2.41
Dumas	Mississippi			.33			T.	.05					.02		.19												.30			.55			1.44
El Dorado ‖‖	Ouachita			.01				.48		.51			.10		.10															.35			1.55
England	Arkansas	T.					.46	.07					T.		.26																		0.79
Eureka Springs	White		.03			.33								.62		.08																	1.06
Fayetteville	White		.02		.01								.04	.68	.12																		0.87
Fordyce	Ouachita					.52	.10								.25											.85	.07						1.79
Fort Smith ***	Arkansas			.02	T.	.19	T.					.05	T.	.85	1.02																		2.13
Fulton ‖‖	Red		T.			.14	T.						.39	.10	1.28												T.						1.91
Georgetown ‖‖	White		T.												.95												T.						0.95
Gilbert ‖‖	White			T.			.56								.82																		1.38
Glenwood ‖‖	Ouachita	1.10	.17		.60		.10				.20		.78			.06											.11			.08			3.20
Grannis	Red	T.	T.	.07	T.							.98	.07		.29														T.	T.			1.41
Gravette ‖‖	Arkansas													.16	1.90																		2.06
Green Mountain	White			.02	T.									T.	.40		T.																0.42
Hankins ***	Ouachita					09	.85						.02		.20											.08			.68				1.92
Harrison	White			.01	.09			T.						1.25	.50																		1 85
Helena ‖‖	Mississippi											.03	.04		.07	.26												.02					0.42
Higden	White			.02	.06	T.			.30	.13					.42																		0.93
Highland	Ouachita			.01	.76							.17	.40		.35																		1.69
Hope [Evap] ‖‖	Red				.22								.94		.44															.03			1.63
Hot Springs	Ouachita			.15	.20	15				.21		.05	.76		.02																		1.54
Index ‖‖	Red												1.58		1.80																		3.38
Jessieville	Ouachita			.20	.15	.50						1.00																					1.85
Jonesboro ‖‖	White				.43								.07	.01	.14														T.				0.65
Judsonia ‖‖	White														1.43																		1.43
Lead Hill	White			1.35		.15							T.	.72	.25																		2.47
Little Rock ***	Arkansas	T.		.01		.05	.05	.19	T.			.01	T.		.48											.20	T.		T.				0.99
LittleRock Airway	Arkansas	T.		.01		T.						.02	.02		.39											.70	T.						1.15
Lutherville	Arkansas	T.	.05	.05		.07							T.		1.33																		1.50
Madison ‖‖	St. Francis	.35												.05	.70	T														T.			1.10
Magnolia	Red				1.10		T.					.70			.60																		2.40
Mammoth Spg ‖‖	White				.45		1.20						T.			.53																	2.18
Marianna	St. Francis												.24		1.70																		1.94
Marked Tree ‖‖	St. Francis				.26										.55																		0.81
Mena ‖‖	Ouachita			T.	.02	.13	T				T.		.46	.02	.12															T.			0.75
Monticello Airway	Ouachita	.12		.34																							.42						0.88
Monticello(near ***	Ouachita			.33											.05											.60							0.98
Morrilton ‖‖	Arkansas		T.				.13	.11	.04						.63												.15						1.06
Mountainburg	Arkansas	T.			.60	.68			.07				.05	.89	.02																		2.31
Mountain Home	White		.65		.10	.10	T.							.40																			1.25
Mount Ida	Ouachita			.04					.44		T.	.30	.20	.08													T.		.65				1.71
Newport ‖‖	White				.02				.06						.16																		0.24
Norman ‖‖	Ouachita			1.25	T	T.							.75													T.			.40				2.40
Oden ‖‖	Ouachita	.28	.14	T.	.03							1.11			.06														1.04				2.66
Okay	Red											.52			1.10																		1.62
Ozark ‖‖	Arkansas		.05	T.	.98		T.						.05		.45																		1.53
Parkin ‖‖	St. Francis												.18		1.15																		1.33
Pine Bluff ‖‖	Arkansas	.19					.15	.75	.01				.06		.19	.58																	1.93
Pine Ridge ‖‖	Ouachita			.78			19						.27	.11																			1.35
Plantersville ***	Ouachita			.10			.04						.02		.15											.35			.50				1.16
Pocahontas	White			.25											.46																		0.71
Portland ‖‖	Ouachita							.08		.03						.04											.69			.06			0.90
Prescott ‖‖	Ouachita		.10			.30				.04			.67	.10	.47												.10						1.78
Rogers (near)	White													.86	.06																		0.92
Rosebud	Arkansas					.09		.58		.04					1.22																		1.93
Ross ***	Ouachita						.08						.02		.04											.05				.05			0.24
Russellville	Arkansas			.40											.72																		1.12
St. Charles ‖‖	White		T.		.61									.29	.04	.22											3.16						4.32
St. Francis ‖‖	St. Francis		.08		T.				T.				.12	1.72	.18																		2.10
Searcy	White		2.21											.10	1.03																		3.34
Springbank ‖‖	Red	.13			1.00		.87					T.	.35		.50	.12											T.						2.97
Story ‖‖	Ouachita							1.40	.20			.16	.12		.12														.11				2.11
Stuttgart ‖‖	Arkansas		.78						T.						.10	.32																	1.20
Stuttgart [Evap] ‖‖	Arkansas		.45					.01	.57						.66	.14																	1.83
Subiaco	Arkansas		T	T.		1.26		.02				T.	T.	T.	.48																		1.76
Texarkana ‖‖	Red			.05	.85								1.28		.96																		3.14
Thornburg	Arkansas			.02	T.	.39	.04	.90		.03		T			.62												T.						2.00
Turnpike	Arkansas	1.35	.05	.79			T.						.02	T.	1.18																		3.39
Underwood ***	Ouachita																																....
Warren	Ouachita														.05												.37			.07			0.49
Whitecliffs ‖‖	Red				T.			T					.89		1.51																		2.40
White Rock	Arkansas				.11								.09	.48																			0.68
Wilson ‖‖	Mississippi				.18									.26	.45																		0.89
Witt Springs	Arkansas	.14													1.20												T.						1.34
Wynne ‖‖	St. Francis										.18				1.35												.13						1.66

Daily temperatures for September, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	100	97	91	96	94	96	95	97	98	99	82	96	91	87	81	80	84	85	76	75	79	87	91	92	88	93	98	94	99	94		90.4
	Minimum	67	68	68	70	68	68	67	69	68	68	74	70	68	69	64	59	58	56	44	46	46	47	59	61	64	63	57	64	58	64		62.4
Amity §§	Maximum	106	102	99	98	97	99	99	..	..	..	..	101	90	92	82	84	88	80	79	78	84	87	92	93	..	95	98	97	94	94		92.3
	Minimum	67	68	67	68	68	65	67	67	..	..	..	..	67	68	61	58	56	58	44	44	46	44	44	55	59	..	54	59	60	53		58.7
Arkadelphia §§	Maximum	105	98	100	100	99	98	100	102	103	100	94	92	96	93	89	87	89	87	87	82	85	90	93	100	93	99	101	94	97	97		95.0
	Minimum	67	67	68	70	69	68	68	69	70	69	69	70	68	69	60	60	49	58	49	43	42	44	45	49	47	51	56	57	59	51		59.4
Batesville	Maximum	98	93	87	96	98	98	98	99	101	102	95	94	98	87	83	79	86	78	76	81	89	90	91	95	95	97	100	94	89	95		92.1
	Minimum	70	68	68	65	68	68	69	69	70	69	71	72	75	71	63	68	55	56	42	42	43	45	52	59	60	65	57	61	58	50		61.6
Bee Branch	Maximum	100	90	85	95	94	98	95	96	100	97	99	90	96	90	81	78	85	84	76	76	80	87	88	92	93	93	99	90	89	94		90 3
	Minimum	63	68	67	66	70	68	67	68	70	68	68	73	72	69	58	60	56	57	41	40	43	44	50	60	60	58	58	64	61	50		60.6
Benton	Maximum	103	96	95	88	96	97	96	97	98	99	98	85	89	93	93	86	82	87	74	80	79	83	88	91	93	90	94	97	87	91		90.8
	Minimum	64	66	68	67	73	64	66	67	68	68	69	70	69	69	57	59	56	57	41	37	39	42	42	48	58	57	54	56	55	47		58 4
Bentonville ***	Maximum	96	91	87	92	93	92	93	92	95	95	88	82	84	74	75	73	80	67	68	74	76	83	87	91	92	93	91	87	87	90		85.6
	Minimum	65	66	70	67	70	68	70	70	70	74	68	72	70	60	58	51	50	48	41	37	43	45	59	62	60	58	58	57	60	52		60 0
Blytheville	Maximum	92	89	82	92	94	97	99	97	100	100	97	92	94	87	77	74	82	78	74	73	74	85	89	91	92	90	97	87	84	91		88.3
	Minimum	69	66	65	63	65	65	69	70	71	70	72	70	72	70	62	54	50	55	44	41	43	47	55	57	61	63	60	60	54	50		60.4
Booneville	Maximum	101	99	94	93	96	98	96	95	97	98	90	86	91	86	82	82	87	81	79	80	81	91	91	95	91	96	100	98	91	97		91.4
	Minimum	70	69	71	67	69	70	69	70	70	70	70	70	72	69	59	58	58	59	44	38	43	43	52	60	65	59	60	56	57	50		61.2
Brinkley	Maximum	99	93	91	95	98	100	96	99	101	98	92	93	..	..	92	..	..	84	78	78	77	87	89	90	95	93	98	96	88	90		91.9
	Minimum	72	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	70	42	40	43	45	52	53	57	63	58	62	61	47		*61.6*
Camden	Maximum	103	99	98	97	98	96	96	98	99	96	91	86	90	92	91	84	87	87	83	79	81	86	89	91	93	94	96	94	93	94		92 0
	Minimum	69	69	68	69	71	68	70	70	70	70	73	71	70	70	61	56	58	63	45	43	44	46	51	56	59	61	58	59	62	54		61.8
Carthage	Maximum	92	98	98	98	98	99	94	98	101	97	92	92	95	91	85	82	86	82	81	79	80	88	90	92	88	95	98	94	91	94		91.6
	Minimum	71	68	67	68	70	67	68	67	69	68	71	72	71	68	61	59	57	61	43	44	45	44	50	56	62	61	58	58	56	52		61.1
Conway	Maximum	107	99	95	99	94	96	93	99	101	103	96	94	98	94	88	84	91	84	83	84	85	93	94	97	95	95	101	95	93	96		94.2
	Minimum	65	68	72	68	72	71	70	71	71	70	70	72	72	72	60	59	57	59	43	41	44	45	54	64	64	64	58	61	59	51		62.2
Corning	Maximum	93	89	82	91	94	98	99	100	99	101	97	94	95	90	83	78	84	77	73	78	79	87	90	95	95	95	100	90	88	91		90.2
	Minimum	68	65	65	62	66	65	67	68	70	69	71	68	72	70	59	53	50	57	40	38	40	43	51	54	57	58	57	58	51	47		58.6
Crossett	Maximum	100	96	96	95	96	96	97	92	96	95	90	92	95	91	82	85	86	92	81	79	81	86	88	91	95	94	98	93	91	92		91.5
	Minimum	69	72	69	71	72	70	71	71	72	72	76	74	72	75	58	55	54	58	46	41	39	40	47	53	57	52	59	57	59	56		61.2
Dardanelle	Maximum	101	97	93	93	92	94	95	96	96	98	91	89	95	89	85	82	86	83	79	80	81	89	89	95	92	96	99	95	91	95		91.2
	Minimum	66	69	70	68	71	70	70	69	71	71	72	72	74	70	61	61	60	59	45	44	45	45	54	61	64	61	57	61	60	49		62.3
De Queen	Maximum	102	99	98	96	95	96	97	100	100	99	87	88	89	92	84	82	87	81	83	82	83	88	91	93	94	95	100	97	94	93		92.2
	Minimum	72	68	69	70	69	67	70	71	70	70	71	73	71	69	60	58	58	57	44	43	45	47	50	57	57	55	58	59	57	57		61.4
Devils Knob	Maximum	91	85	75	79	86	81	81	82	89	84	84	77	81	74	69	65	80	70	60	63	68	71	80	80	77	80	84	81	76	84		77.9
	Minimum	75	67	64	65	70	67	67	71	71	74	66	66	68	63	58	52	55	52	49	42	54	60	63	64	65	63	71	60	61	68		63.0
Dumas	Maximum	102	96	97	95	98	98	97	99	101	100	94	96	97	91	85	85	89	87	84	79	81	88	92	95	95	94	96	95	89	91		92.9
	Minimum	60	68	60	68	70	70	61	70	62	60	74	64	62	64	60	58	49	53	38	42	35	45	53	66	62	74	62	59	56	54		59.3
El Dorado	Maximum	102	99	97	98	96	94	95	88	96	94	86	86	85	85	84	85	86	79	75	76	81	86	88	90	86	96	86	92	86	92		89.0
	Minimum	71	71	70	70	72	70	72	74	72	72	75	72	72	71	62	62	61	63	49	46	47	51	53	61	64	65	68	63	66	57		64.7
England	Maximum	100	96	98	96	100	98	93	96	97	98	86	88	92	91	83	82	84	81	79	79	77	89	92	93	94	95	100	94	90	81		90 7
	Minimum	71	68	70	70	72	72	71	72	74	73	74	73	73	71	71	58	57	61	46	45	46	48	55	61	63	65	59	61	61	51		63.7
Eureka Springs	Maximum	98	93	89	94	93	93	96	95	96	96	90	84	85	76	76	76	81	73	71	78	80	86	92	94	96	98	96	90	89	93		88.2
	Minimum	67	66	67	66	69	66	71	70	71	73	70	70	70	63	56	52	51	52	42	41	45	48	58	66	63	65	64	61	60	58		61.4
Fayetteville	Maximum	96	93	90	92	92	92	93	93	95	95	93	83	88	74	75	76	80	80	68	75	77	83	88	92	91	93	93	89	87	90		86.9
	Minimum	65	65	67	68	66	67	72	69	68	72	68	71	69	67	58	53	50	54	41	36	41	43	60	62	58	56	57	59	59	49		59.7
Fordyce	Maximum	101	97	99	97	97	94	93	98	98	96	90	87	91	88	86	82	85	86	79	77	79	87	89	92	90	93	94	91	89	90		90.5
	Minimum	72	70	70	71	71	70	72	76	76	75	73	71	71	..	..	..	..	..	66	47	53	49	55	61	62	62	64	63	62	57		65.6
Fort Smith***	Maximum	100	95	91	94	95	92	94	96	98	99	87	87	91	82	79	79	85	72	75	77	80	87	93	91	92	96	98	93	91	93		89.4
	Minimum	75	72	72	69	73	73	73	73	74	76	73	73	71	67	63	61	58	57	49	46	51	51	58	66	68	66	67	65	64	59		65.4
Gilbert	Maximum	100	99	93	88	95	93	95	98	97	99	82	90	88	95	82	79	78	84	74	73	78	80	83	92	93	95	96	98	91	88		89.2
	Minimum	60	64	64	64	64	65	66	66	65	65	66	69	71	68	56	54	54	54	37	34	37	37	41	46	55	51	49	52	52	43		55.6
Grannis	Maximum	103	95	96	94	94	94	94	97	99	96	87	84	88	90	83	80	86	82	83	86	84	85	90	91	92	95	101	97	95	97		91.3
	Minimum	67	64	64	65	64	63	65	66	66	65	68	69	69	68	56	57	55	53	40	36	44	43	47	51	56	54	56	55	54	51		57.7
Gravette§§	Maximum	96	94	89	95	96	95	98	98	99	99	92	81	85	74	78	76	81	68	67	76	81	85	90	94	94	96	93	89	90	93		88.1
	Minimum	70	68	68	66	69	68	70	69	69	71	68	71	71	63	57	52	48	51	41	34	37	44	46	60	60	59	57	59	60	51		59.2
Harrison	Maximum	99	92	89	95	95	98	98	97	100	100	94	92	94	85	80	75	85	73	71	78	84	87	90	90	90	92	92	85	85	91		89.2
	Minimum	63	64	67	67	68	66	67	66	68	69	70	71	71	66	59	54	55	45	41	39	42	42	50	61	56	55	56	56	55	47		58.5
Helena	Maximum	95	92	93	92	95	97	95	97	97	97	89	90	93	85	79	80	83	82	74	74	74	83	84	87	90	89	95	92	84	87		88.1
	Minimum	68	68	69	67	71	68	70	70	70	74	72	73	71	74	57	58	56	63	49	39	48	50	57	60	65	64	64	64	65	52		63.2
Highland	Maximum	102	96	102	94	94	102	97	97	99	98	96	98	94	90	88	85	89	87	82	81	83	88	90	94	90	95	99	93	94	93		93.0
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Hope §§	Maximum	103	94	92	91	89	94	94	95	94	91	90	87	85	85	79	83	80	80	81	76	81	83	84	90	85	93	92	91	89	90		88.0
	Minimum	72	70	68	70	71	67	69	70	70	71	73	71	70	69	60	61	59	58	44	47	46	46	49	58	61	62	60	58	60	54		62.1
Hot Springs	Maximum	102	97	97	92	96	96	95	97	96	97	90	88	90	90	83	79	87	83	79	78	80	87	91	93	87	94	99	93	90	92		90.6
	Minimum	71	69	70	71	70	69	70	71	71	70	74	71	72	72	63	62	59	58	48	44	48	50	59	64	66	64	59	67	61	55		63.9
Jonesboro	Maximum	94	88	82	88	93	96	96	98	98	99	94	93	93	89	81	79	83	77	74	75	76	86	86	92	93	94	97	88	85	91		88.6
	Minimum	73	67	66	64	68	68	71	70	71	71	70	70	72	70	59	57	52	58	44	44	46	52	58	62	58	59	58	64	57	53		61.7
Lead Hill	Maximum	98	92	89	91	92	95	101	97	99	99	92	90	90	81	79	77	82	72	71	76	80	83	92	93	93	97	93	90	88	95		88.9
	Minimum	60	64	65	66	67	64	69	65	66	67	66	69	71	66	57	50	52	54	37	34	36	37	43	53	52	51	52	50	50	42		55.8
Little Rock.* **	Maximum	99	91	89	90	91	93	91	93	95	95	85	85	90	89	82	77	84	76	75	75	77	85	87	88	86	91	94	88	87	91		87.3
	Minimum	73	71	72	70	75	73	70	74	75	76	74	74	73	68	64	63	61	57	51	49	52	52	58	64	68	67	63	68	67	58		66.0
Little Rock [Airway]	Maximum	100	92	90	91	95	97	96	94	96	95	87	87	94	92	86	80	86	83	80	78	80	87	89	92	90	92	96	89	89	90		89.8
	Minimum	70	68	70	68	70	70	68	70	70	71	71	72	72	70	62	57	58	60	45	46	47	47	51	60	64	67	58	62	62	51		62.6
Lutherville	Maximum	100	93	90	94	95	96	97	98	99	98	88	90	92	85	81	80	80	75	75	77	80	85	90	91	91	95	99	94	90	91		89.6
	Minimum	67	67	69	66	72	68	68	70	76	72	67	70	73	68	59	58	57	58	45	42	47	48	55	60	63	62	61	66	62	54		62.3
Magnolia	Maximum	102	97	97	97	96	97	94	97	97	94	89	90	90	90	89	85	86	85	80	79	81	85	88	90	93	93	97	95	92	92		91.2
	Minimum	70	69	69	70	71	70	71	72	72	72	71	71	70	69	60	61	60	58	49	48	46	48	58	62	63	64	61	61	64	60		63.7
Mammoth Spring	Maximum	95	88	82	91	93	93	94	95	95	98	93	90	91	84	82	80	84	71	69	74	77	86	89	92	93	93	95	87	85	92		87.7
	Minimum	64	66	66	63	68	65	67	67	68	67	68	70	71	60	53	47	49	57	39	37	39	41	45	65	57	54	57	56	50	45		57 4
Marianna	Maximum	94	91	90	92	92	94	93	95	96	95	89	89	92	88	80	78	82	80	80	75	74	82	85	87	90	90	90	88	84	85		87.3
	Minimum	70	68	68	67	67	69	72	78	72	73	73	73	74	71	62	60	57	48	48	44	46	51	59	63	65	65	64	62	64	52		63.5
Marked Tree§§	Maximum	95	91	88	90	94	96	96	98	98	87	93	92	93	88	80	78	82	77	74	75	75	85	87	90	91	90	96	91	86	86		88.1
	Minimum	70	66	66	66	67	66	69	67	70	72	71	70	72	70	60	57	53	58	44	43	46	47	54	57	59	61	59	61	58	49		60.9
Mena	Maximum	99	98	94	92	96	97	98	97	95	98	85	87	91	88	79	80	88	77	80	78	85	90	92	95	95	98	100	99	95	97		91.4
	Minimum	72	69	67	65	67	66	68	70	68	68	70	69	70	69	61	58	55	60	44	43	43	48	60	63	64	66	62	60	58	55		62.0
Monticello	Maximum	98	96	94	96	98	95	95	96	98	98	88	88	93	86	85	84	85	91	84	76	76	84	80	90	90	91	95	93	90	87		90.0
	Minimum	74	72	71	73	76	72	72	72	76	74	76	72	72	74	65	63	63	64	56	52	54	56	58	63	66	66	68	65	65	59		67.0
Morrilton§§	Maximum	101	102	100	100	98	94	96	94	96	99	97	98	94	93	93	92	91	93	89	89	88	87	88	89	91	93	93	97	94	91		94.0
	Minimum	66	67	70	66	71	69	69	69	69	68	69	69	71	69	63	61	58	56	44	45	46	44	52	57	60	63	57	61	60	52		61.4
Mountain Home	Maximum	98	92	93	93	91	93	98	97	90	100	96	91	95	95	78	75	76	73	73	76	81	88	93	96	94	97	97	89	86	97		90.0
	Minimum	58	64	59	61	68	65	67	67	68	67	67	75	70	65	57	53	52	51	39	39	40	41	47	55	56	55	53	65	53	46		57.4
Mt. Ida	Maximum	103	97	97	95	97	95	97	96	97	97	83	88	90	91	84	83	88	82	81	81	86	88	91	92	90	99	100	98	92	95		91.8
	Minimum	63	64	66	65	65	64	65	66	66	65	69	69	68	70	56	52	55	53	37	33	37	38	45	54	54	57	49	52	56	47		56.7
Newport	Maximum	101	94	85	95	98	99	100	99	100	98	95	90	94	85	86	77	85	79	78	80	81	84	86	96	93	93	97	88	90	92		90.6
	Minimum	69	71	68	65	69	68	71	69	71	71	70	74	73	71	61	60	53	57	41	41	43	45	55	60	61	61	56	62	60	48		61.5
Oden***	Maximum	101	96	93	92	96	96	91	94	98	97	84	88	90	89	81	89	87	78	79	81	85	87	90	93	92	97	99	95	97	96		91.0
	Minimum	73	71	68	70	72	68	68	68	69	68	71	74	71	68	63	60	58	60	56	60	60	46	50	60	61	67	56	58	60	53		63.7
Okay	Maximum	103	101	98	97	96	97	97	96	99	99	94	88	92	94	92	85	86	87	84	80	83	87	91	92	94	95	98	96	95	94		93.0
	Minimum	71	69	68	63	70	68	70	71	72	71	65	72	70	69	58	59	59	58	43	41	44	45	49	56	58	59	57	56	58	57		60.9
Ozark	Maximum	102	98	95	92	95	94	96	97	98	99	88	89	92	85	84	83	87	80	78	84	82	89	90	89	95	97	101	95	93	95		91.4
	Minimum	62	62	69	69	72	72	71	71	71	72	70	73	72	70	60	56	55	60	45	40	45	45	50	60	62	60	64	60	62	52		61.7
Pine Bluff	Maximum	99	94	95	94	98	98	94	95	98	97	90	91	92	89	85	81	86	80	78	78	79	88	91	93	91	95	98	93	90	92		90.7
	Minimum	72	71	73	71	73	72	71	73	74	74	74	74	73	72	62	60	61	65	49	50	51	51	59	65	67	69	66	64	65	56		65.9
Pocahontas	Maximum	99	90	88	91	95	97	98	100	100	101	96	94	95	88	82	78	84	79	71	77	79	87	88	93	93	93	99	89	88	93		90.2
	Minimum	69	68	67	64	70	..	68	68	70	74	74	73	71	[illegible]	60	58	51	60	42	46	45	44	50	55	57	58	56	62	52	50		60.2
Portland	Maximum	96	95	94	92	95	..	95	93	96	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		89.3
	Minimum	67	70	66	68	69	69	69	67	69	69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		60.7

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day

Weather Bureau Office, Little Rock, Ark. 10-18-38-1150

Daily temperatures for September, 1938, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Prescott	Maximum	104	98	97	95	95	97	98	96	99	98	93	85	92	92	89	84	88	83	81	80	81	87	91	93	93	95	98	94	93	93		92.1
	Minimum	74	73	71	71	73	70	71	72	72	72	72	71	70	70	61	61	62	62	48	49	50	50	57	61	62	63	61	61	62	59		64.4
Rogers	Maximum	95	90	88	92	95	94	94	93	97	96	88	85	84	75	76	75	80	74	69	75	79	85	89	91	94	94	94	98	88	90		87.2
	Minimum	63	66	66	65	67	67	66	66	67	69	69	71	71	65	58	51	50	54	40	35	40	41	49	56	57	54	55	61	60	48		58.2
Russellville [Evap]	Maximum	102	101	94	95	95	98	97	99	99	100	94	90	95	93	85	82	86	84	79	80	82	90	91	94	92	98	100	97	93	95		92.7
	Minimum	64	68	70	63	71	70	69	69	70	70	69	66	74	72	62	60	58	58	45	41	45	45	50	60	63	58	56	60	60	50		61.2
St. Charles§§	Maximum	95	94	94	93	94	96	94	97	97	95	91	90	94	88	83	80	86	81	76	76	77	87	88	90	91	90	93	90	86	87		89.1
	Minimum	69	68	68	67	70	70	70	71	72	73	73	72	72	73	59	58	58	63	46	45	47	48	54	60	63	61	61	61	63	53		62.9
Searcy	Maximum	100	92	85	93	96	98	97	99	100	100	93	90	94	89	83	81	85	78	76	78	81	88	87	92	98	94	99	92	88	93		90.5
	Minimum	67	68	69	67	70	69	70	71	71	71	71	75	73	71	59	62	57	59	43	42	45	45	51	59	58	60	56	59	63	50		61.7
Stuttgart	Maximum	101	94	93	94	95	97	97	97	99	99	93	92	95	90	85	82	86	80	78	78	79	88	89	93	94	95	98	94	98	91		91.5
	Minimum	68	68	69	68	70	70	69	70	73	73	73	73	71	71	58	58	59	68	45	42	46	47	50	58	59	64	60	60	65	54		62.6
ubiaco	Maximum	104	99	95	97	96	96	98	99	100	100	88	91	94	85	84	84	86	78	77	82	82	89	93	93	93	98	101	96	93	94		92.2
	Minimum	69	68	69	67	68	69	69	69	70	71	71	71	70	70	61	57	56	58	46	45	47	46	52	60	63	60	60	63	61	52		61.9
Texarkana	Maximum	107	103	99	99	96	97	99	101	102	98	94	98	93	92	82	87	89	84	83	80	84	89	92	92	92	94	99	95	97	95		93.7
	Minimum	72	76	70	70	71	70	71	72	73	73	72	72	71	70	61	61	61	61	46	48	50	50	57	63	61	63	63	62	62	63		64.4
Thornburg	Maximum	104	100	96	96	92	105	88	96	96	96	86	87	92	87	83	81	87	78	78	78	82	91	93	92	91	98	100	96	90	96		91.2
	Minimum	60	62	64	63	66	64	66	65	64	64	71	69	72	68	59	53	54	53	36	32	36	38	53	60	66	67	48	56	50	42		57.4
Turnpike	Maximum	95	87	83	86	86	88	88	89	91	91	82	81	84	77	74	70	75	75	68	69	74	79	83	86	86	90	93	90	82	86		82.9
	Minimum	64	65	67	65	72	70	70	71	74	74	69	69	69	64	58	54	54	54	49	45	52	59	63	66	66	67	76	63	62	63		63.8
Warren	Maximum	101	97	103	96	96	97	98	97	99	98	92	90	92	91	86	83	87	90	79	77	80	87	89	92	94	94	97	96	91	92		91.9
	Minimum	71	69	69	69	71	69	69	70	71	71	74	71	71	73	60	59	58	63	47	46	45	47	55	62	63	62	66	60	62	56		63.3
White Rock	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Wilson	Maximum	93	88	87	85	92	97	98	95	96	88	..	89	91	86	81	76	81	74	70	73	74	78	86	89	87	91	94	88	84	87		85.9
	Minimum	70	[illegible]	64	63	63	..	..	..	..	..	..	..	73	71	62	56	53	62	45	40	44	47	58	60	67	64	63	61	55	50		58.9
Wynne	Maximum	98	94	91	93	97	99	99	101	102	99	94	95	95	90	82	80	84	80	77	76	77	85	88	91	94	92	97	91	87	90		90.6
	Minimum	60	65	68	63	68	68	71	68	70	71	72	74	72	70	58	59	54	58	46	39	42	48	55	60	64	62	61	63	60	46		61.2

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for September, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.238	.222	.218	.251	.235	.234	.190	.232	.196	.246	.268	.212	.128	.206	.262	.210	.542	.032	.118	.266	.314	.126	.252	.160	.361	111	.402	.264	.162	.126	....	6.784
	Mean tem.	88	82	80	80	80	80	82	82	82	81	82	79	78	77	70	72	70	69	62	62	64	64	66	74	73	78	76	74	74	72	....	75.0
	Wind move	33	15	25	19	5	19	12	27	10	2	31	35	4	55	85	49	6	48	54	29	16	18	32	39	39	15	49	32	10	14	. . .	826
Russellville [Ozark Nursery]	Evap.	.254	.296	.352	.044	.232	.168	.234	.238	.260	.521	.176	.136	.220	.352	.240	.180	.236	.278	.246	.212	.152	.204	.204	.200	.200	.176	.216	.222	.312	.230	....	6.994
	Mean tem.	83	84	82	79	83	81	83	84	84	85	82	78	84	84	74	71	72	71	62	60	64	68	70	77	82	78	78	78	76	72	. ..	77.0
	Wind move	22	35	25	34	17	19	23	24	14	39	30	23	37	59	44	25	22	47	33	40	21	18	27	24	19	13	8	19	21	26	. . .	808
Stuttgart Rice Exp. Farm]	Evap.	.238	.164	.209	.216	.159	.177	.167	.154	.188	.208	.220	.163	.166	.287	.139	.191	.147	.194	.153	.182	.169	.147	.188	.216	.207	.219	.255	.191	.143	.203	....	5.660
	Mean tem.	84	81	81	80	83	84	82	84	85	84	82	82	82	80	72	69	71	70	69	58	62	68	72	75	76	79	78	76	74	70	....	86.2
	Wind move	40	42	35	47	9	20	25	26	17	17	49	37	53	88	74	52	35	102	28	43	42	26	57	69	63	58	80	27	23	37	...	1321

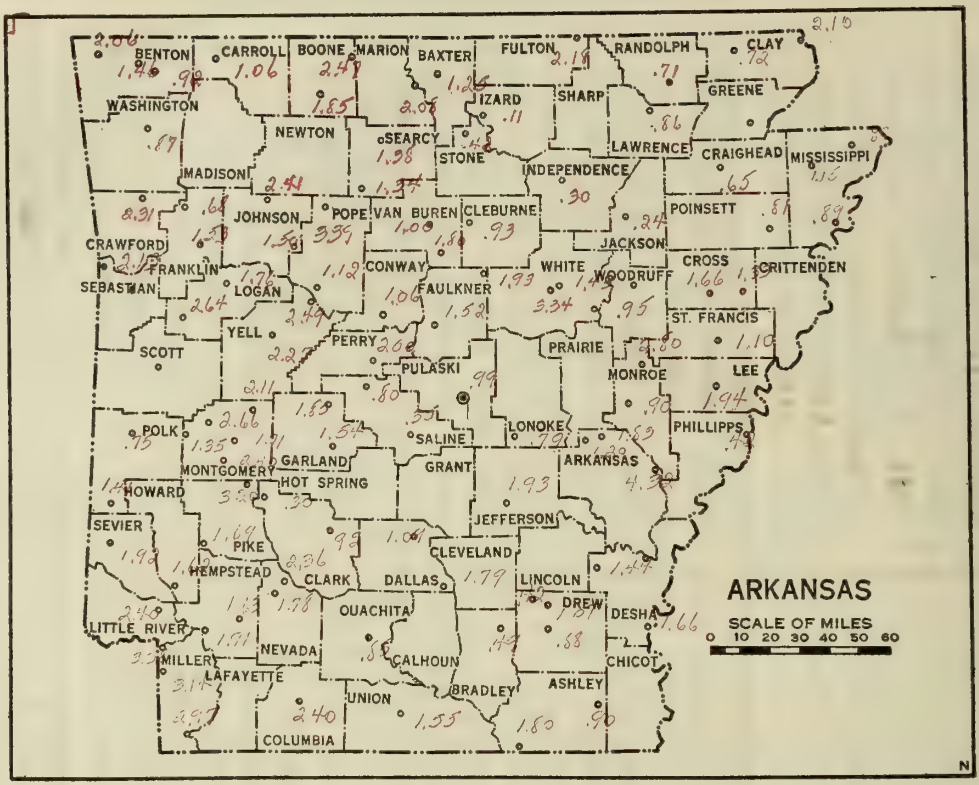
Daily River Stages for September, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	..Arkansas	22	6.4	6.3	6.2	6.2	6.2	6.1	6.0	5.9	5.9	6.1	6.0	6.1	8.2	9.0	8.3	8.0	7.8	7.3	8.4	7.9	7.5	7.0	6.8	6.3	6.2	6.0	5.8	5.6	5.6	5.4	
Van Buren	...... do	22	5.1	5.0	4.9	5.0	4.9	4.8	4.7	4.6	4.3	4.8	4.8	4.7	6.4	8.4	7.6	7.2	6.6	6.4	7.5	7.2	6.6	6.2	5.6	5.2	5.1	4.8	4.6	4.4	4.4	4.4	
Danville	.Petit Jean.	20	1.8	1.8	1.8	4.5	6.0	4.0	3.2	2.8	2.6	2.5	2.3	2.2	2.1	2.2	7.1	5.2	3.3	2.7	2.5	2.3	2.2	2.1	2.1	2.0	1.9	2.0	1.9	1.9	1.9	2.1	
Ozark	..Arkansas.	22	1.1	1.0	0.9	0.8	0.8	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.3	3.0	3.4	2.8	2.5	2.0	2.1	2.9	2.4	2.0	1.5	1.3	1.0	0.9	0.7	0.5	0.4	0.3	
Dardanelle	......do	22	4.2	3.9	3.9	3.5	3.4	3.6	3.4	3.2	3.0	2.9	3.0	3.1	3.0	3.2	5.9	6.5	5.8	5.4	4.9	5.2	5.8	5.4	5.0	4.5	4.1	3.8	3.5	3.3	3.1	2.9	
Morrilton	.... .do	20	0.1	-0.2	-0.5	-0.5	-0.9	-0.9	-0.8	-1.1	-1.2	-1.4	-1.4	-1.5	-1.4	-1.4	-0.5	2.6	2.5	1.8	1.1	0.6	1.5	1.6	1.1	0.5	0.0	-0.5	-0.8	-1.0	-1.3	-1.5	
Little Rock.	......do	23	2.1	1.8	1.6	1.4	1.4	1.2	1.2	1.2	1.0	0.9	0.8	0.7	0.7	0.8	0.8	1.3	3.2	3.3	2.9	2.4	2.1	2.6	2.8	2.4	2.0	1.6	1.3	1.1	1.0	0.8	
Pine Bluff	......do .. .	25	6.0	5.6	5.4	5.2	5.1	5.0	4.8	4.8	4.8	4.7	4.6	4.4	4.4	4.4	4.5	4.4	5.1	6.6	6.7	6.4	5.8	5.7	6.1	6.2	5.8	5.6	5.3	5.1	4.7	4.5	
Gilbert	..Buffalo...	30	2.6	2.5	2.5	2.5	2.5	3.1	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.8	2.9	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	
Doniphan, Mo.	..Current ..	10	3.7	3.7	3.7	3.8	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	
Black Rock	...Black....	14	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	
udsonia.	Little Red...	..	2.0	2.2	2.2	2.0	1.8	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	
Ozark Beach Mo	...White ...	30	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	0.1	-0.8	-0.8	-0.8	-0.1	-0.8	0.0	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	
Cotter	. .. .do	21	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	2.8	2.8	2.7	2.7	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
Calico Rock.	......do	18	0.0	-0.2	0.0	-0.1	0.1	0.1	0.0	0.4	0.0	0.0	0.2	0.1	0.0	0.3	0.1	0.0	0.0	0.0	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	0.0	-0.3	
Batesville	......do	23	4.8	4.7	4.7	4.7	4.7	4.8	4.8	4.8	5.0	4.8	4.8	4.9	4.8	4.8	5.0	4.8	4.8	4.8	4.7	4.5	4.5	4.6	4.5	4.6	4.5	4.5	4.5	4.5	4.5	4.5	
Newport	......do	26	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	
Georgetown	......do	21	1.9	1.9	1.9	1.8	1.7	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	
Clarendon	......do	26	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.8	7.7	7.7	7.7	7.7	7.7	7.7	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.0	7.0	7.0	6.9	
St. Charles	......do	..	9.3	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.5	8.4	8.4	8.3	8.3	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.8	7.8	
Arkadelphia	.Ouachita..	17	3.5	3.8	4.6	3.8	3.8	3.6	3.8	4.0	4.1	4.8	4.5	3.7	3.6	3.9	5.6	4.5	3.8	3.8	3.6	3.5	3.6	3.5	3.8	4.3	3.7	3.6	3.6	3.7	3.8	5.2	
Boughton	Little Mo. ..	20	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	
Camden	.Ouachita ..	26	3.9	3.7	8.7	3.9	4.0	4.1	4.1	3.8	3.8	3.8	4.0	4.1	4.3	4.2	4.0	3.9	4.1	4.6	4.1	4.1	4.0	3.8	3.8	3.7	3.6	3.6	3.7	3.8	3.8	3.8	
Benton	Saline	..	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	
Whitecliffs	Little River	25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
ndex	....Red.....	25	6.8	6.6	7.4	7.4	7.2	6.3	6.0	6.0	6.0	6.0	6.1	6.2	6.0	6.4	6.3	6.3	6.3	6.3	6.4	6.4	6.2	6.4	6.2	6.2	6.0	6.0	6.0	6.0	6.0	6.4	
Fulton	......do.....	25	5.3	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.4	4.7	4.6	4.6	4.6	4.5	4.7	4.6	4.8	4.7	4.5	4.4	4.3	4.3	4.3	4.7	4.8	
Big Lake Outl't	St. Francis.	10	4.3	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	
t. Francis...	.... do	18	3.4	3.4	3.3	3.3	3.3	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	
St. Francis L.L.	......do	..	19.7	19.6	19.7	19.6	19.6	19.5	19.5	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.4	19.4	19.4	19.4	19.4	19.3	19.3	19.3	19.3	19.3	
Marked Tree	......do .. .	17	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Parkin	.....do	28	2.7	2.5	2.4	2.4	[illegible]	[illegible]	[illegible]	2.2	2.2	2.1	2.1	2.0	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	
Madison	.... .do	32	3.2	3.0	2.9	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	
Helena	Mississippi .	42	11.9	11.5	11.0	10.7	10.5	10.6	10.7	10.4	9.9	9.0	8.4	7.9	7.4	7.1	7.8	9.3	10.7	11.6	12.4	13.3	14.1	14.7	15.3	15.7	15.6	15.6	15.9	15.8	15.7	15.8	
Arkansas City.	......do	42	8.9	8.8	8.1	7.6	7.3	7.0	6.9	6.9	6.7	6.3	5.6	5.2	4.7	4.3	4.1	4.3	5.1	6.1	6.9	7.7	8.5	9.1	9.6	10.0	10.3	10.5	10.4	10.5	10.5	10.5	

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. O. idresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; utherville. Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White ock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. |||| 24 hours ending 7 a. m. *Included in next easurement. Italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipita-on with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for ie period to 1935, inclusive.

Precipitation for September, 1938



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLIII Little Rock, Ark., October, 1938 No. 10

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

This month was the third warmest October in climatological records of Arkansas. The first twenty days were warm, the first few days of the month being exceedingly warm with a record of 105° on the first. A cold period occurred from the 21st to the 25th with sub-freezing temperatures at many stations. Killing frost was reported at most stations on the 24th. The average temperature for the State, based on the reports of 59 stations, was 66.8°, which is 4.2° above the 48-year average. Monthly means ranged from 71.3° at Texarkana to 61.6° at Lead Hill. The highest temperature reported was 105° at Grannis and Okay on the 1st. The lowest temperature was 20° at Mount Ida on the 24th. The greatest daily range was 60° at Gravette on the 25th.

The drought that began the middle of September continued until the middle of October at most stations. The average precipitation for the month for 107 stations was 0.94 inch, which is 2.22 inches below the 48-year average. 71 stations reported monthly amounts of less than an inch and 32 stations less than 0.50 inch. The monthly totals ranged from 0.07 inch at Russellville in Pope County to 4.12 inches at Higden in Cleburne County. Positive departures were reported at only two stations: Higden and Searcy. The greatest amount measured in any 24-hour period was 3.09 inches at Higden on the 19th. The average number of days with 0.01 or more rainfall was 3.

The dry, warm weather the first part of the month was ideal for cotton, and excellent progress was made in picking and ginning. At the close of the month some cotton still remained in fields in the northeastern and east-central portions, but picking was about completed elsewhere. The weather was favorable for gathering early corn but too dry for late corn. It was also favorable for gathering other fall crops, but unfavorable for meadows, pastures, and for planting and growth of winter grains and truck. Wells, springs and small streams in the western portion of the State were nearly dry.

O.D.N.

Corrections for evaporation tables, 1938.--Hope, April monthly evaporation 4.955. May 8th, −0.009; monthly evaporation 7.924. July 6th 0.349; 29th 0.269; monthly evaporation 7.664. Russellville, February 14th, 0.110; monthly evaporation 2.286. Stuttgart, January monthly evaporation 1.491.

Corrections for evaporation tables, 1937.--Hope, February monthly evaporation 2.698. March monthly evaporation 4.221. October 18th and 19th evaporation should be blanked 31st, .170; monthly evaporation 4.809. December monthly evaporation 1.614. Russellville, December 20th, 0.010; 23d, 0.114; monthly evaporation 1.109. Stuttgart, October 3d, −0.029; monthly evaporation 2.787.

Corrections, September, 1938:--Benton, delete maximum temperature of 74° on 19th; move maximum readings 20th to 30th up one day; add 95° on 30th. Mean maximum 91.5°; mean temperature 75 0°; greatest daily range 49°. Morrilton, delete maximum temperature on 1st; move maximum readings up one day and add 94° on 30th. Mean maximum 93.8°; mean temperature 77.6°; departure from normal +2.6; date of highest temperature 1st. Danville, total rainfall 2.87 inches; departure −0.52.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
Light Hail	.	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
Thunderstorm	.	.	.	.	4	20	8	.	.	.	1	1	.	.	.	.	2	11	9	.	.	.	.	.	.	.	.	1	1	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.08	30.33	9	29.66	22	5.5	16	s	12	..	..	..	88
Fort Smith	30.09	30.33	9	29.75	22	6.0	17	n	19	69	36	34	78
Little Rock	30.10	30.34	9	29.76	22	6.8	22	sw	22	68	36	39	87
Memphis	30.09	30.36	9	29.76	22	6.2	21	sw	22	66	40	45	82

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	28	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	68.0	93	21	1.74	0 0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66.6	98	33	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67.1	98	26	2.35	0.0	4	17	7	7
1932	60 8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0.0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0.0	3	23	5	3
Period	62.6	105	12	3.16	T.	5	18	6	7

Climatological Data for October, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Alum Fork Reserv.	Saline	755	2	67.4	......	93	4†	34	24	44	1.28	......	0.90	0.0	2	17	11	3	w.	L. R. Water Works
Amity	Clark	500	43	66.6	+ 3.2	98	1	29	24	51	1.79	−1.47	1.44	0.0	3	23	5	3	e.	J. W. Campbell
Arkadelphia	Clark	200	43	69.0	......	102	1	27	24	52	1.12	−2.30	0.84	0.0	4	21	8	2	se.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	54	......	......	......	......	......	......	......	0.89	−1.73	0.61	0.0	3	26	9	5	......	Herbert Neff
Batesville Airway.	Independence	363	2	66.8	+ 6.2	98	5	32	24	46	2.88	......	1.52	0.0	3	23	5	3	ne.	Airway Observer
Batesville	Independence	277	39	......	......	......	......	......	......	......	3.11	−0.08	1.91	0.0	4	26	3	2	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	46	65.8	+ 3.3	96	5	30	24	45	2.00	−1.56	1.60	0.0	3	21	4	6	n.	J. E. Scanlan
Benton	Saline	285	3	64.6	......	98	1†	25	24	57	1.31	......	0.46	0.0	4	26	2	3	ne.	S. A. Burks
Bentonville	Benton	1295	33	65.6	+ 6.7	90	6	28	24	39	0.46	−3.16	0.44	0.0	4	25	2	4	s.	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	8	......	......	......	......	......	......	......	0.97	......	0.91	0.0	2	25	1	5	......	C. J. Brooks
Black Rock	Lawrence	259	37	......	......	......	......	......	......	......	1.14	−2.24	0.67	0.0	2	27	1	3	s.	Vernon C. Howe
Blytheville	Mississippi	252	13	65.4	+ 2.0	95	5	30	24	44	0.64	−2.88	0.58	0.0	3	26	1	4	sw.	Samuel Norris
Booneville	Logan	465	24	67.8	+ 3.8	100	1	22	24	54	0.53	−2.75	0.28	0.0	5	23	6	2	e.	F. H. Randolph
Boughton ‡‡	Clark	235	3	......	......	......	......	......	......	......	0.90	......	0.58	0.0	3	20	3	8	......	Harry Buie
Brinkley	Monroe	205	11	65.8	+ 3.2	95	5†	27	24	48	0.12	−3.40	0.05	0.0	3	21	6	4	ne.	R. J Torry
Calico Rock	Izard	361	34	......	......	......	......	......	......	......	1.10	−1.79	0.70	0.0	4	21	6	4	......	William Jones
Camden	Ouachita	116	53	67.8	+ 3.9	99	1	31	24	50	0.95	−2.04	0.65	0.0	2	18	7	6	s.	J M. Knight
Carthage	Dallas	297	33	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	P. K. Wylie
Clarendon	Monroe	172	34	......	......	......	......	......	......	......	0.96	−2.28	0.87	0.0	4	23	4	4	n.	R. M. Wheatley
Clinton	Van Buren	516	17	......	......	......	......	......	......	......	1.30	−3.05	0.85	0.0	2	23	4	4	se.	A L. Stephens
Conway	Faulkner	309	55	67.7	+ 4.2	100	6	29	24	48	1.42	−2.00	0.84	0.0	4	26	3	2	e.	E. E Cordrey
Corning	Clay	298	45	64.1	+ 4.1	98	5	27	24	49	1.49	−1.89	1.12	0.0	2	27	2	2	s	Winfred D. Polk
Cotter	Baxter	440	11	......	......	......	......	......	......	......	2.22	−1.73	1.50	0.0	3	24	5	2	......	O. B. McSpadden
Crosset (near)	Ashley	175	26	66.4	+ 0.6	98	1	28	24	48	1.12	−2.38	0.45	0.0	4	23	6	2	n.	U. S. Forest Service
Danville	Yell	327	22	......	......	......	......	......	......	......	0.18	−3.66	0.15	0.0	4	23	4	4	......	J. M. Patterson
Dardanelle	Yell	330	52	67.0	+ 3.6	97	1	26	24	54	0.37	−3.03	0.18	0.0	3	16	11	4	s.	Geo. N. Goodier
De Queen	Sevier	426	8	68.3	......	104	1	25	24	49	0.35	......	0.23	0.0	3	27	1	3	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	64.4	......	86[b]	1	29	23	28[b]	0.96	......	0.57	0.0	4	25	0	6	se.	U. S. Forest Service
Dumas	Desha	162	33	67.8	+ 2.6	97	5†	33	24	51	0.24	−2.98	0.15	0.0	2	15	15	1	se.	Ben Johnson
El Dorado	Union	270	38	68.7	+ 2.7	98	1	33	24	41	0.58	−2.74	0.36	0.0	3	19	9	3	e	Mrs. E. W .Gaston
England	Lonoke	229	32	66.8	+ 2.8	99	6	32	24	45	1.40	−1.73	1.05	0.0	2	24	5	2	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	38	68.6	+ 7.8	93	1†	30	23†	39	1.20	−2.51	1.03	0.0	2	24	4	3	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	1	66.8	+ 6.0	92	4†	27	24	43	2.20	......	1.90	0.0	5	22	5	4	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	51	65.8	+ 5.0	91	1	24	24	43	1.32	−2.38	1.14	0.0	4	22	9	0	sw.	University of Arkansa
Fordyce	Dallas	275	10	68.1	......	96	1	35	23†	42	0.38	......	0.20	0.0	2	16	14	1	s.	Miss Mercille McMurr
Fort Smith	Sebastain	448	57	69.1	+ 6.8	96	1	32	24	39	1.96	−1.03	1.76	0.0	4	25	3	3	e.	U. S. Weather Burea
Ft. Smith WaterP.	Crawford	....	1	......	......	......	......	......	......	......	0.63	......	0.50	0.0	2	24	2	5	......	T. J. Wylie
Fulton	Hempstead	260	53	......	......	......	......	......	......	......	0.28	−2.58	0.20	0.0	2	24	2	5	......	T. J. Logan
Georgetown	Woodruff	200	26	......	......	......	......	......	......	......	0.80	−2.59	0.40	0.0	2	26[a]	1[a]	3[a]	......	C. G. Long
Gilbert	Searcy	600	13	62.2	......	97	1†	21	24	54	0.62	......	0.52	0.0	2	27	0	4	......	F. J. King
Glenwood	Pike	547	3	......	......	......	......	......	......	......	1.06	......	0.57	0.0	4	15	13	3	......	C. A. Price
Grannis	Polk	900	19	66.6	+ 3.8	105	1	22	24	51	0.61	−3.61	0.51	0.0	4	24	3	4	se.	W. E. McVay
Gravette	Benton	1250	41	65.4	+ 5.7	93	1†	21	24	60	1.04	−2.69	0.95	0.0	3	23	8	0	sw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	69.2	.....	93	5	32	24	34	2.33	......	1.68	0.0	6	21	8	2	se.	U. S. Forest Service
Hankins	Drew	....	1	......	......	......	......	......	......	......	0.84	......	0.45	0.0	3	..	..	..	......	Soil Conservation Ser
Harrison	Boone	1052	38	63.1	+ 3.7	90	4†	25	24	46	0.78	−2.35	0.32	0.0	5	24	5	2	e.	Louis R. Keck
Helena	Phillips	300	66	67.6	+ 4.0	93	5†	29	24	58	0.79	−2.19	0.45	0.0	3	23	4	4	ne.	James A. Burnett
Higden	Cleburne	445	19	......	......	......	......	......	......	......	4.12	+0.67	3.09	0.0	5	22	7	2	s.	Austin E. Cartwright
Highland	Pike	491	19	70.8	......	104	1	35	24	38	0.60	−2.57	0.21	0.0	4	19	6	6	sw.	J. O. Cooley
Hope ....[Evap.]	Hempstead	375	68	66.5	+ 0.6	99	1	28	24	47	0.30	−2.61	0.19	0.0	3	23	2	6	e.	Experiment Farm
Hot Springs	Garland	600	47	68.6	+ 4.2	98	1	31	24	37	0.69	−2.74	0.53	0.0	4	20	9	2	s.	National Park Servic
Index ‡‡	Little River	275	21	......	......	......	......	......	......	......	0.28	−2.62	0.28	0.0	1	25[a]	0[a]	5[a]	......	W. E. McDowell
Jessieville	Garland	750	12	......	......	......	......	......	......	......	1.95	−1.71	1.00	0.0	3	18	10	3	sw.	U. S. Forest Service
Jonesboro	Craighead	345	43	66.2	+ 3.6	95	5	32	24	41	0.68	−2.78	0.60	0.0	3	18	11	2	ne.	Benedictine Sisters
Judsonia	White	220	2	......	......	......	......	......	......	......	1.66	......	1.59	0.0	2	25	2	4	......	T. H. Beals
Lead Hill	Boone	650	32	61.6	+ 0.8	101	3	20	24	55	0.81	−2.33	0.75	0.0	3	22	8	1	w.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	59	68.0	+ 4.4	93	1	36	24	36	1.37	−1.34	1.18	0.0	4	23	5	3	e.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	2	66.6	......	95	5	30	24	46	0.76	......	0.53	0.0	6	23	2	6	e.	Airway Observer
Lutherville ‡‡	Johnson	775	39	68.8	+ 6.5	96	6	28	24	41	0.10	−3.90	0.10	0.0	1	20	7	4	se.	H. G. Lenhardt
Madison	St. Francis	209	8	......	......	......	......	......	......	......	0.25	......	0.20	0.0	2	20	6	5	......	J. W. Eppes
Magnolia	Columbia	315	22	70.0	+ 3.1	99	1	30	24	44	0.80	−2.05	0.50	0.0	2	17	13	1	s.	State Agri. School
Mammoth Spring	Fulton	600	34	62.2	+ 3.0	94	5	24	24	53	0.83	−2.50	0.83	0.0	1	27	2	2	n.	Paul Morton
Marianna	Lee	285	27	65.3	+ 1.8	91	6	32	23†	41	0.18	−3.07	0.11	0.0	2	20	10	1	s.	C. N. Houck
Marked Tree	Poinsett	229	34	65.1	+ 3.9	94	5	31	24	44	0.59	−3.36	0.45	0.0	3	16	14	1	s.	Charles Walton
Mena	Polk	1207	50	69.1	+ 6.1	100	1	29	24	43	0.27	−3.81	0.10	0.0	3	19	8	4	ne.	E. W. St. John
Monticello Airway	Drew	273	2	69.5	......	95	1	36	24	36	0.95	......	0.40	0.0	4	22	4	5	ne.	Airway Observer
Monticello .(near)	Drew	273	3	......	......	......	......	......	......	......	0.28	......	0.13	0.0	4	..	..	..	......	Soil Conservation Se
Montongo	Drew	....	3	......	......	......	......	......	......	......	0.55	......	0.36	0.0	3	..	..	..	......	Soil Conservation Ser
Morrilton	Conway	315	19	67.7	+ 4.5	95	1†	32	24†	48	0.93	−2.45	0.51	0.0	2	17	8	6	se.	Mrs. Freda M. Ashcra
Mountainburg(nea	Crawford	2010	1	......	......	......	......	......	......	......	0.56	......	0.33	0.0	3	25	4	2	se.	C. A. Lovell
Mountain Home	Baxter	800	26	64.8	+ 4.3	97	1†	24	24	51	2.22	−1.62	1.52	0.0	5	23	4	4	nw.	H. N. Halbert
Mountain Valley	Garland	273	1	......	......	......	......	......	......	......	0.98	......	0.75	0.0	3	..	..	..	......	J. G. Scott
Mount Ida	Montgomery	702	39	64.4[a]	+ 2.6	99[a]	1	20[a]	24	57[a]	0.54	−3.14	0.30	0.0	3	21	5	5	se.	G. A. Whittington
Newport	Jackson	231	55	65.4	+ 3.4	96	5	31	24	46	1.82	−1.71	1.23	0.0	3	24	4	3	s.	J. D. Henderson
Norman	Montgomery	687	10	......	......	......	......	......	......	......	0.71	......	0.65	0.0	3	23	3	5	se.	U. S. Forest Service
Oden	Montgomery	800	11	68.0	......	97	1	25	24	49	0.30	......	0.25	0.0	3	21	10	0	sw.	U. S. Forest Service
Okay	Howard	288	10	68.4	......	105	1	25	24	49	1.16	......	0.96	0.0	2	23	6	2	ne.	Charles R. Jackson
Ozark	Franklin	396	43	67.2	+ 3.7	100	1	28	24	44	0.76	−2.43	0.40	0.0	2	25	4	2	se.	Orkney O. Milton
Paragould	Greene	275	15	......	......	......	......	33	24	......	0.53	−2.42	0.47	0.0	2	27	2	2	ne.	J. E. Garrett
Parkin	Cross	222	8	......	......	......	......	......	......	......	0.09	......	0.09	0.0	1	23	3	5	......	Carroll King
Pine Bluff	Jefferson	215	51	69.6	+ 5.0	95	1†	33	24	39	0.35	−2.95	0.17	0.0	3	18	10	3	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	14	......	......	......	......	......	......	......	0.53	−4.15	0.27	0.0	2	25	8	3	w.	J R. Huddleston
Plantersville	Drew	....	1	......	......	......	......	......	......	......	1.08	......	0.55	0.0	5	..	..	..	......	Soil Conservation Se
Pocahontas	Randolph	300	45	65.6	+ 3.9	96	5	32	24	43	2.21	−1.23	1.12	0.0	3	22	5	4	ne.	Benedictine Sisters
Portland	Ashley	122	32	65.5	+ 0.6	94	1	31	24†	46	1.44	−1.41	0.63	0.0	3	20	9	2	nw.	W E. Edmiston
Prescott	Nevada	318	50	70.0	+ 5.1	102	1	30	24	45	0.35	−2.75	0.15	0.0	3	24	3	4	se.	Craig Williams
Rock Springs ‡‡	Drew	....	3	......	......	......	......	......	......	46	0.48	......	0.21	0.0	3	..	..	..	......	Soil Conservation Ser
Rogers (near) ‡‡	Benton	1300	48	64.8	+ 5.0	92	15	23	24	49	0.83	−2.40	0.71	0.0	3	26	3	2	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	......	......	......	......	......	......	......	1.04	......	0.54	0.0	2	23	6	2	e.	G. A. Maddox
Ross	Drew	....	1	......	......	......	......	......	......	......	0.30	......	0.20	0.0	2	..	..	..	......	Soil Conservation Se
Russellville [Evap]	Pope	526	26	67.2	+ 6.6	97	1†	24	24	52	0.07	−2.69	0.04	0.0	2	26	0	5	se.	U. S. Forest Service
St. Charles	Arkansas	175	5	66.2	......	94	6	32	24	43	0.18	......	0.18	0.0	1	25	3	3	ne.	U.S. Biological Surv
St. Francis	Clay	290	11	......	......	......	......	......	......	......	0.52	−3.50	0.42	0.0	2	29	0	2	......	A Boyce Boyd, Jr.
Searcy	White	245	28	66.4	+ 3.8	96	5	24	24	46	3.55	+0.41	1.98	....	3	25	2	4	sw.	Walter Smith
Springbank ‡‡	Miller	240	29	......	......	......	......	......	......	......	0.37	−2.30	0.37	0.0	1	24	1	6	......	Henry Field
Story	Montgomery	650	14	......	......	......	......	......	......	......	0.65	−3.20	0.35	0.0	2	27	3	1	s.	S. C. Story
Stuttgart	Arkansas	214	51	67.9	+ 4.5	97	6	30	24	47	0.12	−3.33	0.12	0.0	1	28	2	1	nw.	Mrs. B. E. Swim
Stuttgart...(Evap)	Arkansas	210	3	66.0	......	94	6	28	24	45	0.21	......	0.09	0.0	3	..	..	..	......	Rice Experiment Sta
Subiaco	Logan	750	41	68.7	+ 5.1	98	1	32	24	50	0.23	−3.23	0.15	0.0	2	23	6	2	s.	New Subiaco Abbey
Texarkana	Miller	332	53	71.3	+ 5.5	104	1	31	24	44	1.84	−1.59	1.42	0.0	3	25	5	1	s.	H. S. Brashear

Climatological Data for October, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Thornburg	Perry	650	18	64.0	+ 2.3	97	5	25	24	54	2.19	−1.31	1.45	0	2	20	9	2	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	67.4	......	89	6	30	23	42	0.31	−5.00	0.23	0	2	24	2	5	se.	U. S. Forest Service
Underwood	Drew	....	1	....	......	......	....	....	......	......	......	......	......	.	..	....	....	....	......	Soil Conservation Ser.
Waldron	Scott	675	19	....	......	......	....	21[v]	24	......	0.19	−3.30	0.13	0	3	15[i]	4[i]	3[i]	se.	Wilson Ferguson
Warren	Bradley	206	44	68.4	+ 4.0	97	1	34	24	44	0.37	−3.16	0.23	0	3	20	9	2	ne.	C. N. Turner
Whitecliffs	Little River	290	32	....	......	......	....	....	......	......	0.65	−2.42	0.48	0	2	27	2	2	......	L. M. Snead
White Rock ‡‡	Franklin	2285	2	....	......	......	....	....	..	......	0.74	......	0.64	0	2	23[a]	4[a]	8[a]	se.	U. S. Forest Service
Wilson	Mississippi	237	13	65.5	+ 2.7	93	5	29	24	42	0.60	−2.71	0.60	0	1	29	0	2	n.	D. O. Anderson
Witt Springs	Searcy	1953	1	....	......	......	....	....	......	......	0.14	......	0.14	0	1	23	1	7	sw.	E. M. Duncan
Wynne	Cross	167	14	66.7	+ 4.2	97	5	25	24	46	0.17	−3.52	0.09	0	3	20	9	2	s.	W. E. Barton
State Means				66.8	+ 4.2	105	1	20	24	60	0.94	−2.22	3.09	0	3	23	5	3	s.	

Daily Precipitation for October, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita																	T.	.90	.38	T.			T.									1.28
Amity ‖‖	Ouachita																		.24	1.44	.11												1.79
Arkadelphia ‖‖	Ouachita																		.06	.84	T.	.06		.16									1.12
Arkansas City ‖‖	Mississippi							.06											T.	T.	.22	T.		.61	T.								0.89
Batesville Airway	White													T.					1.33	1.52	.03			T.									2.88
Batesville River ‖‖	White																		.16	1.91	1.02			.02									3.11
Bee Branch	Arkansas						T.	.10											.10	1.80	T.												2.00
Benton ‖‖	Saline							.39												.46	.36			.10									1.31
Bentonville ***	Arkansas												T.						.01	.40	.04									.01			0.46
Big Lake Outlet ‖‖	St. Francis																			T.	.91			.06									0.97
Black Rock ‖‖	White													T.						.67	.47												1.14
Blytheville ‖‖	St. Francis																			.02	.58			.04									0.64
Booneville	Arkansas						.28											.05		.09	.03									.08			0.53
Boughton ‖‖	Ouachita																	.58	.12					.20									0.90
Brinkley	White																		.02	.05				.05									0.12
Calico Rock ‖‖	White							.70						.02						.36	.02												1.10
Camden ‖‖	Ouachita																			.65				.30									0.95
Carthage	Arkansas																																....
Clarendon ‖‖	White																		.01	.01	.87			.07									0.96
Clinton	White						.85												T.	.45										T.			1.30
Conway	Arkansas						.12	.13											.33	.84													1.42
Corning ‖‖	White																			1.12	.37												1.49
Cotter ‖‖	White							.62						.10						1.50													2.22
Crossett [near]	Ouachita																		.05	.45	.25			.37									1.12
Danville ‖‖	Arkansas							.01												.15	.01									.01			0.18
Dardanelle ‖‖	Arkansas							.18												.12	.07												0.37
De Queen	Red																	T.	.02	.23				.10									0.35
Devils Knob	Arkansas						.24												.10	.57										.05			0.96
Dumas	Mississippi																		T.	.09				.15									0.24
El Dorado ‖‖	Ouachita																		.15	T.				.36							.07		0.58
England	Arkansas							1.05											T.	.35				T.									1.40
Eureka Springs	White																			1.03	.17												1.20
Fayetteville	White						T.	.12					T.						.09	1.90	.05								T.	.04			2.20
Fayetteville Exp. S	White							.10					T.						T.	1.14	.04									.04			1.32
Fordyce	Ouachita							T.											.18	T.				.20									0.38
Fort Smith ***	Arkansas																	.02	T.	1.71	.05								T.	.18			1.96
Fort Smith W. ‖‖	Arkansas																			.50										.13			0.63
Fulton ‖‖	Red																			.08	T.			.20									0.28
Georgetown ‖‖	White																		T.	.40	.40												0.80
Gilbert ‖‖	White																			.52	.10												0.62
Glenwood ‖‖	Ouachita																	.10	.39	.57													1.06
Grannis	Red																	T.	.04	.51	.04		.02	T.						T.			0.61
Gravette ‖‖	Arkansas																			.95	.06									.03			1.04
Green Mountain	White						1.68	.13						.05					.18	.26	.03												2.33
Hankins ***	Ouachita						.25												.45				.14										0.84
Harrison	White					.10	.31							T.					.04	.32										.01			0.78
Helena ‖‖	Mississippi																		.06		.45			.28									0.79
Higden	White						.28	.09											.65	3.09	.01												4.12
Highland	Ouachita																	.19	.10	.10				.21									0.60
Hope [Evap] ‖‖	Red																		.01	.10				.19									0.30
Hot Springs	Ouachita						T.												.04	.53	.03		T.	.09									0.69
Index ‖‖	Red																			.28	T.	T.											0.28
Jessieville	Ouachita																		1.00	.85			.10										1.95
Jonesboro ‖‖	White																			.04	.60	T.		.04									0.68
Judsonia ‖‖	White																			1.59				.07									1.66
Lead Hill	White						T.							.05					T.	.75	.01												0.81
Little Rock ***	Arkansas						.17												45	.74	T.		.01							T.			1.37
LittleRock Airway	Arkansas						.01	.06											.12	.53			.01	.03							T.		0.76
Lutherville	Arkansas																		T.	.10										T.			0.10
Madison ‖‖	St. Francis																		T.	.05	.20			T.									0.25
Magnolia	Red																		.50					.30									0.80
Mammoth Spg ‖‖	White													T.						.83													0.83
Marianna	St. Francis																			.07				.11									0.18
Marked Tree ‖‖	St. Francis																			.09	.45			.05									0.59
Mena ‖‖	Ouachita																		T.	.09	.08									.10			0.27
Monticello Airway	Ouachita							.40												.21	.14			.20									0.95
Monticello(near ***	Ouachita																		.07	.13			.05	.03									0.28
Montongo	Ouachita						.03												.36				16										0.55
Morrilton ‖‖	Arkansas																		T	.51	42												0.93
Mountainburg	Arkansas																			.33	.03									.20			0.56
Mountain Home	White						.25	.29						.08					.08	1.52													2.22
Mountain Valley	Ouachita																	T.	.20	.75	T.		T.	.03									0.98
Mount Ida	Ouachita																		.30	.21	.03												0.54
Newport ‖‖	White																		T.	.55	1.23			.04									1.82
Norman ‖‖	Ouachita							.03											T.	.65				.03						T.			0.71
Oden ‖‖	Ouachita																		.25	.01	.04												0.30
Okay	Red																	T.		.96				.20									1.16
Ozark ‖‖	Arkansas																			.40	.36									T.			0.76
Paragould	St. Francis																			.47	T.			.06									0.53
Parkin ‖‖	St. Francis																							.09									0.09
Pine Bluff ‖‖	Arkansas							.17												.08	T.			.10									0.35
Pine Ridge ‖‖	Ouachita																		.27	.26													0.53

Daily precipitation for October, 1938

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Plantersville***	Ouachita	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	.55	.05	....	....	.14	.04	....	....	....	....	....	....	....	....	1.08
Pocahontas	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.03	1.12	.06	....	....	....	....	....	....	....	....	....	....	....	2.21
Portland ‖‖	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.32	.63	....	....	.49	....	....	....	....	....	....	....	....	1.44
Prescott ‖‖	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.15	.06	....	....	....	.14	....	....	....	....	....	....	T.	....	0.35
Rock Springs	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	06	.21	....	....	.21	....	....	....	....	....	....	....	....	....	0.48
Rogers (near)	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.71	.11	....	....	....	....	....	....	....	....	.01	....	....	0.83
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.54	.50	....	....	....	T.	....	....	....	....	....	....	....	....	1.04
Ross***	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	.10	....	....	....	....	....	....	....	....	....	0.30
Russellville	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.04	.03	....	....	....	....	....	....	....	....	....	....	....	0.07
St. Charles ‖‖	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.18	....	....	....	....	....	....	....	....	....	....	....	0.18
St. Francis ‖‖	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.42	.10	....	....	....	....	....	....	....	....	....	....	....	0.52
Searcy	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.27	1.98	1.30	....	....	....	....	....	....	....	....	....	....	....	3.55
Springbank ‖‖	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	....	....	.37	....	....	....	....	....	....	T.	....	0.37
Story ‖‖	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	.30	....	....	....	....	....	....	....	....	....	....	....	....	0.65
Stuttgart ‖‖	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.12	....	....	....	....	....	....	....	....	....	....	....	....	0.12
Stuttgart [Evap] ‖‖	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	.09	....	....	.08	....	....	....	....	....	....	....	....	0.21
Subiaco	Arkansas	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	T.	.15	.08	....	....	....	....	....	....	....	....	T.	....	....	0.23
Texarkana ‖‖	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	1.42	.12	....	....	.30	....	....	....	....	....	....	....	....	1.84
Thornburg	Arkansas	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	T.	1 45	.74	T.	....	....	....	....	....	....	....	....	....	....	....	2.19
Turnpike	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	23	.08	....	....	....	....	....	....	....	....	....	....	....	....	0.31
Underwood***	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Waldron	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	.13	....	.01	....	....	....	....	....	....	....	....	....	....	....	0.19
Warren	Ouachita	....	....	....	....	....	....	.11	....	....	....	....	....	....	....	....	....	....	.03	....	....	....	....	.23	....	....	....	....	....	....	....	....	0.37
Whitecliffs ‖‖	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.48	....	....	.17	....	....	....	....	....	....	....	....	0.65
White Rock	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.64	....	....	....	....	....	....	....	....	....	.10	....	....	0.74
Wilson ‖‖	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	....	....	....	....	0.60
Witt Springs	Arkansas	....	....	....	....	....	....	.14	....	....	....	....	....	....	....	....	....	T.	T.	T.	T.	....	....	....	....	....	....	....	....	....	....	....	0.14
Wynne ‖‖	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	....	.04	....	....	.04	....	....	....	....	....	....	....	....	0.17

Daily temperatures for October, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	90	89	92	93	93	92	91	90	87	91	89	85	90	91	92	86	87	80	69	65	70	75	68	65	80	86	80	80	81	77	80	83.
	Minimum	68	62	52	58	58	61	58	52	48	52	52	51	56	56	56	55	63	65	58	47	50	41	38	34	36	47	44	42	41	43	45	51.
Amity §§	Maximum	98	93	92	92	95	96	92	91	87	87	91	87	94	95	93	89	89	82	74	65	81	70	55	68	81	86	81	83	72	80	82	84.
	Minimum	55	60	55	51	52	58	59	54	49	49	49	49	52	55	52	49	54	66	64	47	38	40	41	29	33	35	45	41	40	47	43	48.
Arkadelphia §§	Maximum	102	94	94	96	97	99	94	94	90	92	93	91	91	96	94	92	91	89	83	82	83	83	65	72	84	88	85	85	83	83	86	88.
	Minimum	53	53	57	53	56	55	65	55	48	55	47	52	53	48	49	58	64	67	66	50	36	33	45	27	32	38	41	39	45	45	43	49.
Batesville	Maximum	88	87	91	95	98	95	87	90	89	94	93	90	90	94	92	90	89	83	70	68	78	80	64	67	80	84	79	76	72	78	81	84.
	Minimum	56	52	47	49	58	60	59	50	46	50	56	54	58	50	50	45	58	65	66	49	40	48	40	32	36	47	44	39	39	44	41	49.
Bee Branch	Maximum	90	88	88	94	96	94	82	87	84	88	90	86	90	91	88	86	85	83	76	67	77	76	65	65	79	85	79	80	73	76	80	82.
	Minimum	57	60	52	48	55	60	58	50	46	46	53	51	54	53	50	50	60	70	57	47	38	40	37	30	34	41	42	38	44	48	42	48.
Benton §§	Maximum	98	97	89	93	94	97	86	90	89	88	89	85	92	93	89	98	88	83	76	68	80	72	67	69	80	86	87	81	81	79	81	85.
	Minimum	47	49	47	46	47	53	54	50	48	44	44	48	48	51	47	45	52	61	67	54	34	34	32	25	27	29	31	35	36	35	39	43.
Bentonville ***	Maximum	90	88	88	89	90	90	88	87	85	84	85	77	88	90	89	87	85	85	67	64	75	61	49	65	80	78	78	81	74	77	80	80.
	Minimum	55	57	56	53	61	57	57	60	54	57	50	57	55	60	59	54	57	67	46	43	40	38	30	28	41	50	40	43	56	45	49	50.
Blytheville	Maximum	87	81	86	91	95	86	85	87	88	94	92	86	82	87	88	89	90	87	72	65	75	78	74	64	78	83	73	70	69	76	83	82
	Minimum	66	50	46	55	55	62	53	60	52	53	57	56	61	45	46	47	55	60	55	50	37	46	41	30	34	44	39	36	37	41	42	48.
Booneville	Maximum	100	89	89	93	97	96	91	89	87	88	90	85	95	95	90	89	88	85	79	71	81	72	62	72	86	88	84	86	77	79	85	85.
	Minimum	54	62	55	51	56	56	57	56	55	59	46	58	54	58	57	49	61	68	59	48	34	38	34	22	32	40	38	41	53	47	50	49.
Brinkley	Maximum	89	86	89	93	95	95	84	87	88	79	90	88	91	93	89	89	90	81	77	66	77	80	72	65	80	86	80	79	76	80	83	83.
	Minimum	55	56	45	46	59	58	58	46	42	46	54	50	56	49	45	47	61	77	60	53	34	45	46	27	32	44	39	33	34	44	38	47.
Camden	Maximum	99	92	91	92	93	64	95	90	87	88	87	87	92	93	92	90	87	85	81	73	79	83	79	59	67	80	84	84	84	81	84	85.
	Minimum	56	58	54	57	57	56	62	51	48	51	51	53	55	54	48	48	60	64	65	55	38	41	47	31	57	34	40	44	34	43	43	50
Carthage	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conway	Maximum	99	90	92	95	96	100	88	89	84	90	94	89	95	96	91	91	89	85	73	71	80	82	68	70	84	89	84	82	71	80	84	86.
	Minimum	55	57	49	48	57	58	63	55	47	46	53	54	55	55	50	49	61	70	61	51	39	41	41	29	33	41	42	38	43	43	42	49.
Corning	Maximum	88	83	88	92	98	89	84	89	90	93	92	86	88	91	90	90	90	88	70	68	77	77	63	65	79	85	76	75	75	77	80	83
	Minimum	54	48	43	47	51	56	53	46	47	49	52	51	56	42	45	44	51	57	57	46	35	45	40	27	33	44	37	32	33	40	38	45
Crossett	Maximum	98	90	90	91	92	94	89	88	84	89	85	89	89	90	90	88	85	83	82	67	75	81	72	65	79	85	85	81	76	80	84	84.
	Minimum	53	57	56	57	55	55	61	48	50	46	50	49	53	52	45	49	63	63	64	53	35	40	46	28	31	38	42	35	36	45	49	48
Dardanelle	Maximum	97	90	90	90	95	95	88	89	85	89	90	85	93	93	90	88	90	83	79	69	80	76	65	70	85	90	84	83	73	79	82	85.
	Minimum	56	57	53	49	55	58	57	54	49	51	50	57	55	57	53	50	60	70	60	49	36	38	36	26	31	40	41	38	49	41	44	49.
De Queen	Maximum	104	93	92	92	92	94	91	90	82	83	89	87	94	94	92	90	86	88	80	71	82	73	64	71	82	86	88	83	74	80	84	85.
	Minimum	55	59	60	57	57	58	58	59	54	60	49	58	54	55	52	50	63	67	63	50	35	39	40	25	33	40	42	42	54	49	48	51.
Devils Knob	Maximum	86	81	82	83	80	78	80	74	74	72	74	72	75	77	77	74	..	..	69	57	68	60	51	57	70	75	73	75	68	70	72	72
	Minimum	67	58	59	64	66	61	52	61	61	60	55	59	64	65	67	66	64	65	49	41	50	51	29	32	48	56	56	56	53	51	54	56.
Dumas	Maximum	94	87	91	92	97	96	85	97	86	72	87	91	90	91	88	87	90	85	74	67	80	85	71	67	85	87	85	77	76	80	85	84.
	Minimum	58	62	51	53	55	59	60	60	56	60	55	52	58	53	47	52	65	70	62	48	37	42	48	33	34	42	44	37	37	44	40	50
El Dorado	Maximum	98	85	82	85	93	93	91	85	76	80	78	88	89	90	89	91	83	84	77	72	75	83	75	65	81	83	82	83	77	79	83	83
	Minimum	63	65	58	63	62	61	61	52	56	55	57	56	59	60	51	52	65	70	69	58	42	48	45	33	40	49	49	44	44	49	48	54
England	Maximum	90	85	91	95	96	99	88	88	87	90	90	88	92	95	93	89	89	88	75	67	81	79	68	68	61	70	82	81	74	80	86	84
	Minimum	61	44	48	51	64	58	59	58	45	46	55	53	56	54	48	50	62	68	61	52	41	43	45	32	35	44	44	38	41	45	41	49
Eureka Springs	Maximum	93	91	91	92	92	93	91	90	89	89	88	77	90	91	93	89	89	88	79	65	76	65	52	65	80	81	79	85	69	80	81	83
	Minimum	60	55	54	60	69	69	57	58	56	57	56	60	60	63	64	59	57	67	52	43	45	50	30	30	51	55	45	46	55	46	50	54
Fayetteville	Maximum	91	91	90	92	92	91	91	90	88	86	87	79	89	91	92	89	89	88	77	64	75	68	56	66	80	79	79	84	75	79	80	82
	Minimum	54	51	55	51	60	57	59	56	51	57	47	62	57	60	59	47	52	69	51	44	39	52	32	27	39	52	40	41	55	46	53	50
Fayetteville Exp. S.	Maximum	91	90	88	90	90	90	89	88	85	84	83	80	89	90	89	87	85	86	80	63	75	70	57	63	79	79	78	83	74	78	79	81
	Minimum	53	51	51	52	62	58	54	54	50	55	45	62	54	54	59	47	54	69	52	43	40	51	30	24	41	50	39	40	55	46	51	49
Fordyce	Maximum	96	92	92	90	92	93	88	86	85	88	86	86	90	91	88	85	86	83	77	65	76	80	77	77	77	81	77	77	72	79	79	83
	Minimum	62	56	56	58	65	61	63	55	52	52	55	55	59	59	55	55	55	61	65	56	42	45	35	35	37	48	52	44	45	46	47	52
Fort Smith***	Maximum	96	88	88	90	93	92	88	88	85	86	88	88	91	92	90	87	85	86	72	66	76	66	52	68	80	83	80	84	71	76	83	82
	Minimum	62	63	61	58	63	64	63	62	58	62	55	55	61	65	65	60	64	72	57	48	43	45	38	32	41	48	47	50	56	52	54	55
Gilbert	Maximum	97	91	86	88	97	95	95	86	90	88	87	89	84	89	93	89	88	86	88	60	68	79	70	58	69	84	84	79	82	81	78	83
	Minimum	48	46	43	41	45	49	52	50	41	38	44	47	48	46	46	40	46	48	49	46	31	34	30	21	23	32	30	33	40	34	33	40
Grannis	Maximum	105	93	92	91	91	95	91	89	84	85	88	84	95	93	91	88	85	87	80	71	83	73	66	71	82	88	85	87	74	81	83	85
	Minimum	57	55	53	53	54	53	55	53	46	54	44	53	51	51	51	50	59	66	59	47	33	37	36	22	31	38	41	41	61	44	44	47
Gravette§§	Maximum	93	91	90	93	92	93	92	91	88	86	87	79	90	92	92	90	88	86	66	65	77	62	50	67	83	80	80	85	75	80	82	82
	Minimum	52	56	56	54	56	57	57	57	53	56	48	55	56	57	60	53	56	59	51	40	36	37	28	21	23	33	37	38	50	47	50	48
Green Mountain	Maximum	86	84	85	91	93	90	80	83	82	84	86	79	81	89	84	83	84	78	70	62	74	69	58	62	79	78	74	76	70	73	88	79
	Minimum	77	74	75	77	83	58	59	61	62	64	67	63	63	62	66	62	62	68	53	44	46	56	34	32	49	59	49	53	52	52	54	59
Harrison	Maximum	87	85	85	90	90	87	85	85	85	84	83	85	85	88	86	85	85	85	75	61	75	65	57	61	79	79	75	80	75	75	78	80
	Minimum	55	51	47	46	55	55	54	51	46	43	44	45	55	52	53	44	50	67	52	46	38	51	32	25	33	48	38	35	46	37	39	46
Helena	Maximum	90	85	87	90	93	93	83	84	86	91	87	86	88	87	88	89	89	80	78	65	70	79	72	62	76	85	78	75	71	77	60	82
	Minimum	64	60	55	60	62	60	59	57	52	53	63	58	62	54	57	63	65	65	64	53	39	47	46	29	40	47	43	39	39	50	45	53
Highland	Maximum	104	96	97	94	84	93	90	88	80	86	87	86	92	92	89	88	86	84	80	75	79	73	66	63	80	85	83	83	75	80	84	84
	Minimum	81	80	59	61	64	64	63	60	53	55	58	60	61	62	71	59	67	66	60	50	43	46	40	35	42	52	55	50	53	50	51	57

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding d

Weather Bureau Office, Little Rock, Ark. 11-29-38-115

Daily temperatures for October, 1938, continued

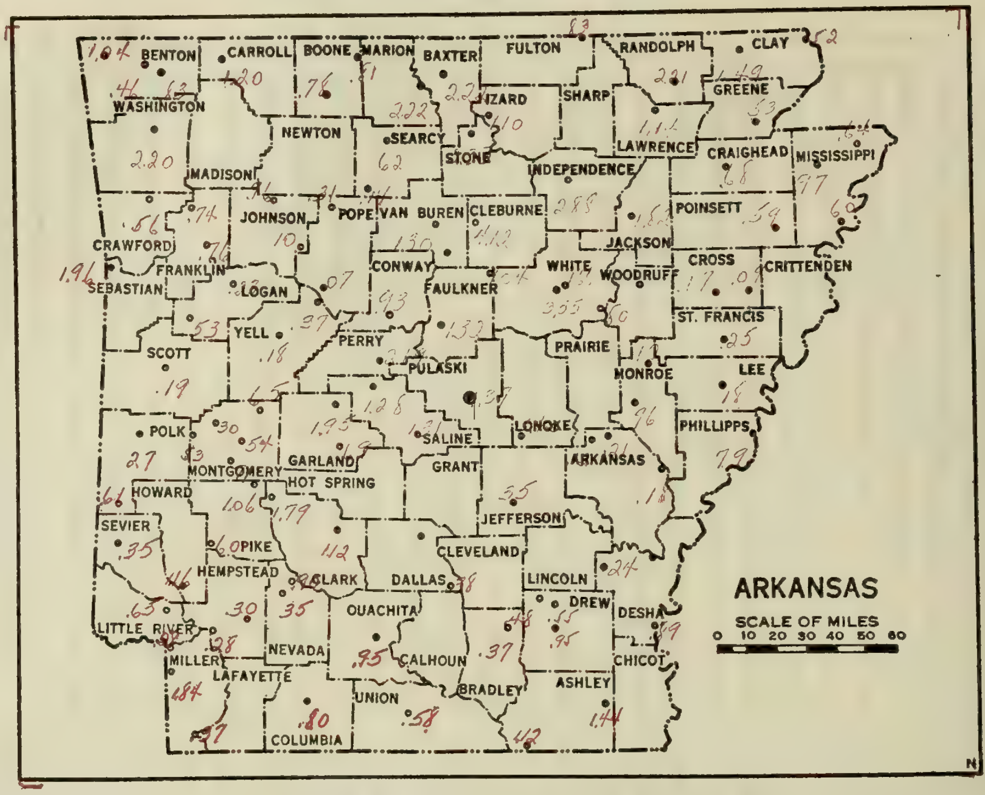
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
ope §§	Maximum	99	89	88	89	90	90	88	90	83	82	87	86	92	92	90	89	85	80	77	65	76	86	60	61	79	79	80	85	72	80	85	83.0
	Minimum	57	63	57	57	58	58	60	54	52	54	48	49	55	55	50	49	64	64	64	52	40	39	44	28	32	36	44	40	41	44	53	50.0
ot Springs	Maximum	98	92	90	91	93	94	89	89	85	87	90	85	91	92	90	87	85	81	75	66	77	72	67	65	78	85	80	80	74	77	79	83.4
	Minimum	65	64	54	56	62	62	63	55	52	55	54	58	58	58	54	53	65	69	63	43	59	47	42	31	41	50	47	43	49	45	47	53.7
onesboro	Maximum	86	81	87	93	95	90	82	89	87	91	91	86	86	91	87	88	89	84	75	65	76	79	67	63	77	83	74	74	71	76	80	82.0
	Minimum	55	55	50	52	61	62	55	50	51	55	59	56	62	51	51	51	59	60	58	48	42	48	42	32	41	50	45	38	39	43	43	50.5
ead Hill	Maximum	91	86	101	93	94	94	89	88	87	88	89	83	87	92	90	88	86	84	77	66	78	66	56	67	67	81	77	80	70	78	77	82.3
	Minimum	47	45	46	40	47	49	46	47	41	38	41	45	50	47	48	39	46	62	51	45	32	38	29	20	27	36	31	30	41	34	34	41.0
ittle Rock.***	Maximum	93	85	84	89	91	92	83	83	82	84	85	83	88	88	86	85	84	82	72	64	76	72	56	64	77	84	77	74	70	75	79	80.2
	Minimum	62	62	59	59	65	68	65	60	57	57	60	61	62	63	59	58	65	69	58	50	44	46	41	36	41	50	54	48	47	53	51	55.8
ittle Rock [Airway]	Maximum	92	87	88	93	95	93	82	84	85	87	88	85	91	90	89	88	88	84	73	68	78	76	64	67	81	88	81	76	72	76	81	82.9
	Minimum	58	58	53	50	59	59	64	52	46	46	54	52	55	57	50	49	61	69	60	52	41	44	44	30	36	42	44	39	41	47	43	50.2
utherville	Maximum	94	88	90	92	94	96	90	87	85	87	88	84	92	93	90	88	86	84	75	69	75	74	62	65	80	84	83	82	75	78	80	83.5
	Minimum	60	61	57	56	61	64	61	57	56	58	56	62	57	62	59	64	65	71	58	57	40	45	34	28	39	46	49	47	53	48	50	54.2
agnolia	Maximum	99	98	91	91	90	94	93	90	88	88	86	87	92	93	90	90	91	86	82	74	80	82	79	67	81	84	82	84	79	81	84	86.3
	Minimum	60	54	60	61	60	58	61	54	56	58	53	58	57	57	53	53	66	69	67	58	40	47	48	30	43	48	48	45	45	50	51	53.8
ammoth Spring	Maximum	85	87	85	93	94	91	83	85	88	90	91	83	84	90	90	88	87	79	72	65	74	71	60	63	80	81	75	76	75	79	80	81.4
	Minimum	53	55	52	45	47	51	42	47	46	46	50	45	52	45	47	43	47	60	52	46	33	36	32	24	27	34	37	32	34	36	35	42.9
arianna	Maximum	85	82	82	87	90	91	83	81	87	87	86	85	86	86	84	86	86	80	76	63	73	78	72	72	75	83	76	73	71	78	78	80.7
	Minimum	64	52	52	53	63	63	60	50	46	46	57	53	62	52	46	51	51	67	62	55	41	49	32	32	39	48	43	36	35	43	43	49.9
arked Tree§§	Maximum	88	83	87	90	94	89	84	85	87	91	91	85	88	89	90	88	90	85	70	64	76	80	60	63	80	83	76	74	73	78	81	82.0
	Minimum	56	53	48	51	57	57	55	46	48	50	56	52	59	48	47	48	55	60	65	55	38	44	46	31	36	43	38	35	35	43	39	48.2
ena	Maximum	100	90	91	94	95	97	91	89	85	88	91	84	96	95	90	88	82	85	70	66	72	77	58	70	84	88	83	86	76	79	85	84.7
	Minimum	65	61	59	56	63	62	57	59	53	57	50	62	59	58	56	54	61	68	57	46	40	52	38	29	41	53	46	47	53	51	47	53.5
onticello	Maximum	95	90	90	91	90	94	86	84	85	89	86	88	88	88	91	90	84	84	74	68	74	82	68	62	78	78	82	78	73	79	84	83.0
	Minimum	59	67	59	69	64	72	64	52	51	56	56	60	62	62	60	58	62	70	68	50	46	52	47	36	44	48	54	44	44	48	52	56.0
orrilton§§	Maximum	95	91	89	92	95	95	91	89	88	87	88	87	92	92	90	89	87	86	85	83	81	82	80	79	80	85	84	83	84	81	80	86.8
	Minimum	54	60	51	48	52	58	57	51	50	46	51	52	55	55	52	48	61	62	65	48	42	42	39	32	32	39	43	38	40	43	42	48.6
ountain Home	Maximum	97	86	88	95	97	93	84	87	87	90	91	85	84	92	91	88	88	85	70	67	80	70	58	69	84	83	79	80	72	78	82	83.2
	Minimum	53	52	47	47	50	55	59	52	49	48	50	52	53	51	52	46	54	64	53	46	36	42	33	24	33	41	38	35	42	39	40	46.3
t. Ida	Maximum	99	90	91	93	94	97	91	90	84	88	90	87	95	95	91	88	86	85	76	70	83	80	62	73	82	91	84	85	73	80	..	85.8
	Minimum	52	48	46	45	48	50	49	46	40	49	41	60	48	48	44	40	45	55	60	48	31	32	35	20	26	34	34	32	45	39	..	43.0
ewport	Maximum	90	87	90	92	96	95	81	89	89	93	92	87	91	93	90	88	88	81	76	67	77	75	65	65	79	84	80	77	75	76	78	83.4
	Minimum	54	54	45	48	56	56	57	46	46	48	55	53	56	48	46	52	55	64	58	49	37	45	43	31	33	42	39	35	36	43	39	47.4
den***	Maximum	97	90	90	94	89	95	91	90	85	89	90	86	95	93	92	89	87	85	74	68	81	76	56	72	84	90	84	85	75	80	84	85.0
	Minimum	69	53	53	51	59	58	55	56	49	60	48	63	55	55	52	47	65	66	61	50	38	41	37	25	35	49	45	40	50	49	45	50.9
kay	Maximum	105	101	91	93	92	94	93	90	88	89	89	89	93	95	92	91	89	90	87	74	82	80	67	70	83	87	86	84	84	80	83	87.5
	Minimum	57	58	57	57	58	55	56	57	51	57	49	55	53	53	51	50	49	65	66	55	35	39	38	25	35	38	40	40	41	39	46	49.2
zark	Maximum	100	89	85	91	96	96	91	89	88	88	90	83	94	95	90	89	87	85	79	69	77	70	61	65	77	84	83	82	70	78	80	83.9
	Minimum	56	58	55	51	57	59	58	52	55	43	48	55	55	60	57	53	61	73	57	47	38	40	35	28	34	40	41	40	55	44	49	50.5
aragould	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	63	71	77	71	60	73	80	75	71	70	74	76	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	49	37	43	48	33	34	41	39	35	36	45	40	....
ine Bluff	Maximum	95	91	89	93	95	95	87	88	86	90	89	87	91	93	91	89	86	87	75	66	80	83	71	66	80	87	82	80	78	81	85	85.0
	Minimum	64	63	55	55	66	62	64	56	52	51	58	56	61	60	54	54	66	71	61	52	43	52	46	33	41	51	46	43	45	50	46	54.1
ocahontas	Maximum	89	84	87	90	96	92	86	80	88	90	90	86	88	91	91	88	89	85	69	66	77	77	66	64	77	83	77	75	74	78	80	82.6
	Minimum	55	55	51	49	53	58	55	49	48	52	58	51	56	49	50	51	58	62	58	47	38	43	39	32	33	40	46	38	40	48	45	48.6
ortland	Maximum	94	88	86	88	89	92	84	83	83	87	83	87	86	88	87	86	85	85	80	67	75	80	71	63	77	82	78	75	73	77	80	81.9
	Minimum	54	59	53	55	58	56	59	49	50	43	53	49	53	53	48	50	61	67	64	53	38	40	45	31	31	40	47	38	40	45	40	49.1
rescott	Maximum	102	94	92	93	93	94	91	91	85	90	90	88	93	94	91	91	89	84	80	69	80	84	74	68	82	87	84	84	80	79	84	86.5
	Minimum	61	63	59	59	61	60	61	57	54	57	51	57	58	58	56	54	64	67	66	57	41	42	45	30	37	44	48	46	49	48	46	53.4
ogers	Maximum	91	89	89	91	90	91	96	89	89	85	87	79	88	91	92	89	87	89	89	64	75	69	54	67	81	80	81	84	76	78	81	83.1
	Minimum	51	54	51	48	53	55	52	53	47	49	43	53	52	52	53	45	49	67	51	43	35	47	30	23	32	42	35	38	52	43	41	46.4
ussellville [Evap]	Maximum	97	90	91	93	95	95	90	89	87	90	91	89	94	95	97	89	89	86	82	70	79	77	66	68	83	87	85	84	81	80	83	86.2
	Minimum	55	63	51	67	56	56	55	51	46	49	50	54	53	55	51	51	58	69	62	49	35	31	35	24	31	36	40	37	46	39	42	48.8
t. Charles§§	Maximum	90	87	88	88	92	94	34	85	84	87	85	85	89	89	87	86	87	81	73	64	76	82	58	63	79	84	79	77	78	78	79	81.9
	Minimum	59	59	49	54	61	60	59	50	47	49	56	54	59	56	49	54	53	67	67	54	39	44	49	32	36	45	44	39	39	43	43	50.6
earcy	Maximum	90	86	89	93	96	95	85	89	87	90	91	87	91	92	89	88	88	86	80	68	77	79	66	65	79	86	79	78	73	77	82	83.9
	Minimum	54	58	48	48	56	57	62	50	45	46	58	51	55	52	49	49	60	67	59	52	39	42	42	32	33	40	42	39	40	48	42	48.9
tuttgart	Maximum	93	90	90	92	94	97	87	89	87	91	92	88	92	90	90	90	91	87	77	65	76	82	69	64	80	87	80	78	75	79	84	84.7
	Minimum	55	58	50	51	62	68	59	52	48	64	57	52	57	56	50	53	65	67	59	53	38	43	46	30	33	40	47	40	40	47	43	51.1
tuttgart Evap. §§	Maximum	91	87	88	91	93	94	85	85	84	89	89	87	89	90	88	87	88	84	74	65	77	83	60	63	79	86	80	77	75	79	82	82.9
	Minimum	58	59	50	49	59	58	59	50	45	46	51	51	56	55	52	51	63	68	67	55	36	41	48	28	34	41	40	34	37	44	40	49.2
ubiaco	Maximum	98	92	91	94	96	95	92	92	89	92	91	86	94	94	92	90	91	88	79	67	76	70	60	66	84	84	83	86	73	81	85	85.5
	Minimum	64	59	55	52	59	60	58	57	53	55	50	59	56	58	57	53	60	69	59	47	45	41	36	32	34	42	45	48	52	43	50	51.9
exarkana	Maximum	104	95	95	94	94	96	94	94	84	90	91	90	96	96	93	92	87	91	84	70	83	81	63	72	85	87	86	87	73	83	86	87.6
	Minimum	61	62	61	61	62	61	60	60	55	60	55	60	61	61	59	56	64	68	64	56	40	47	42	31	41	47	48	46	54	49	52	55.0
hornburg	Maximum	96	91	92	94	97	94	90	92	87	88	90	85	92	95	92	90	91	94	69	66	78	79	65	67	82	80	81	84	74	80	81	85.0
	Minimum	53	45	41	42	49	52	50	42	40	39	41	51	48	47	58	40	53	63	57	47	34	36	37	25	28	40	35	33	38	35	38	43.1
urnpike	Maximum	86	84	86	87	88	89	85	85	81	81	83	76	86	88	85	81	82	76	68	61	72	66	54	66	75	80	75	78	67	74	75	78.1
	Minimum	68	59	59	65	69	68	61	61	60	63	65	60	66	65	66	64	65	65	45	41	49	53	30	31	33	59	57	55	53	51	56	56.8
aldron	Maximum	..	..	92	96	95	96	92	..	91	..	..	..	95	95	93	91	..	80	81	68	80	76	63	71	86	89	82	..	..	92	87	86.0
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33	36	34	21	30	37	36	..	..	37	74	
arren	Maximum	97	90	91	91	94	91	87	87	85	88	86	88	90	91	90	88	87	85	81	69	78	83	74	65	79	84	81	80	76	80	83	84.5
	Minimum	61	61	55	57	64	68	62	52	50	47	54	53	57	57	50	51	65	62	65	55	40	47	48	34	35	48	51	40	41	51	44	52.4
hite Rock	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
ilson	Maximum	88	80	89	89	93	89	88	85	84	91	90	86	87	86	86	86	90	86	85	66	74	72	55	61	80	83	74	71	69	76	73	80.7
	Minimum	59	52	49	54	58	61	59	48	59	50	58	55	62	46	45	62	60	62	60	52	41	50	43	29	38	47	38	35	38	50	40	50.3
ynne	Maximum	90	85	88	92	97	93	85	88	87	92	93	88	90	90	90	90	90	84	75	68	78	80	80	65	80	86	80	77	75	78	81	54.4
	Minimum	59	57	50	53	62	59	57	50	44	52	57	56	59	54	45	54	61	61	60	50	39	46	46	25	37	43	37	31	32	44	40	49.0

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for October, 1938

[See precipitation data in tablé on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
pe Exp. Farm]	Evap.	.359	.353	.272	.240	200	.166	.306	.228	.258	.100	.228	.252	.272	.199	.133	.252	.182	.124	.210	.084	.145	.203	.169	.135	.172	281	.243	.174	.288	.089	.063	6.385
	Mean tem.	78	76	72	73	74	74	74	72	68	68	68	68	74	74	70	69	74	72	70	58	58	62	52	44	56	58	62	62	56	62	64	66.5
	Wind move	36	53	32	26	5	20	23	24	22	22	32	32	20	6	22	23	36	22	19	82	41	25	67	38	10	30	18	58	24	11	40	919
ssellville Ozark Nursery]	Evap.	.340	.240	.186	.192	.186	.236	.175	.243	.274	.236	.128	.216	.168	.194	.228	.152	.210	.082	.162	.180	.186	.090	.248	.124	.108	.170	.126	.170	.120	.156	.098	5.624
	Mean tem.	76	76	71	80	76	76	72	70	66	70	70	72	74	75	74	70	74	78	72	60	57	54	50	46	57	62	62	60	64	60	62	67.2
	Wind move	34	34	14	12	17	31	48	4	30	40	7	33	26	14	20	22	26	32	44	66	34	27	68	33	18	38	12	9	23	25	13	854
ttgart ice Exp. Farm]	Evap.	.157	.229	.186	.144	.135	.164	.211	.163	.161	.169	.140	.161	.139	.143	.191	.184	.171	.147	.122	.061	.100	.141	.147	*	.217	.162	.166	.145	.102	.119	.098	4.575
	Mean tem.	74	73	69	70	76	76	72	68	64	68	70	69	72	72	70	69	76	76	70	60	56	62	54	46	56	64	60	56	56	62	61	66.0
	Wind move	83	23	46	21	23	33	44	44	39	35	23	37	43	27	40	51	44	73	77	86	89	61	101	37	44	55	55	29	20	46	17	1396

Precipitation for October, 1938



Daily River Stages for October, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	5 4	5.3	5.2	5.2	5.1	5.1	....	....	....	....	....	....	....	....	....	....	....	7.0	6.6	6.9	5.6	5.7	5.0	....	....	....	....	....	....	....
Van Buren	do	22	4.2	4.2	4.1	4.0	4.0	4.0	3.8	3.7	3.7	3.6	3.5	3.6	3.6	3.6	3.5	3.5	3.6	6.2	5.8	4.4	4.4	4.1	3.9	3.7	3.6	3.6	3.6	3.6	3.4	3.5
Danville	Petit Jean	20	2.0	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1 6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Ozark	Arkansas	22	0.3	0.3	0.2	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0 5	-0.5	1.1	0.7	0.2	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.3	-0.4
Dardanelle	do	22	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.6	1.6	1.6	1.6	2.2	4.1	3.8	3.2	2.7	2.4	2.2	2.0	1.9	1.8	1.7	1.7
Morrilton	do	20	-1.7	-1.8	-1.9	-2.0	-2.0	-2.2	-2.3	-2.4	-2.5	-2.6	-2.7	-2.8	-2.8	-2.8	-2.8	-2.9	-2.9	-2.9	-3.0	-1.3	-0 3	-6.7	-1.2	-1.8	-2 2	-2.6	-2.7	-2.7	-2.9	-2.9
Little Rock	do	23	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0 3	-0.2	-0.2	0 3	1.3	1.2	0.8	0.5	0.3	0.2	0.1	-0.1	-0.2
Pine Bluff	do	25	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.6	4.7	4.6	4.1	4.0	3.9	3.7	3.6	3.5
Gilbert	Buffalo	30	2.3	2.3	2.3	2.3	2.8	2.3	2.5	2.5	2.4	2.4	2 4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
Doniphan, Mo.	Current	10	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2 2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2 2	2.2	2.2	2.2	2.2
Black Rock	Black	14	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Judsonia	Little Red	30	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0 5	0 5	0.5	1.2	1.0	0.8	0.8	1.2	1.6	1.2	1.0	1.0	1.1	1.0
OzarkBeachMo	White	30	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.8	-0.7	-0.7	1.2	-0.8	-0.8	-0.8	-0.8	-0.8	-0 1	1.3	-0.8	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.4	-0.7
Cotter	do	21	2.4	2.3	2.2	2.2	2.2	2.2	2.4	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.2	2.2	2.1	2.1	2.1	2.6	2.5	2.5	2.5	2.5
Calico Rock	do	18	-0.3	-0.3	-0.4	-0.5	-0.5	-0.5	-0.2	-0.4	-0.4	-0.5	-0 6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.3	-0.3	-0.3	-0.3	0.4	0.7	0.3	0.2	-0.1	0.1	0.0	0.0
Batesville	do	23	4 5	4.5	4.5	4.4	4.3	4.3	4.3	4.5	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4 3	4.8	4.7	4.5	4.5	4.4	4.9	5.2	5.1	4.9	4.6	4.8	4.7
Newport	do	26	0.0	0 0	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0 3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	0.2	0.0	-0.1	-0.1	0.2	0 4	0.3	0.1	0.0	0.0
Georgetown	do	21	0.6	0.6	0.5	0 5	0.5	0.4	0.4	0.3	0 3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.6
Clarendon	do	26	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.4	6.5	6 6	6.6	6.6	6.6	6.6	6.7	6.8
St. Charles	do	..	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.2	7.3	7.3	7 3	7.3	7.4
Arkadelphia	Ouachita	17	4.4	4.5	4.0	3.7	4.7	4.3	4.5	4.5	4.8	4.0	4.1	4.0	4.6	5.2	5.3	4.6	4.1	4.1	4.8	4.3	3.9	3.9	4.1	4.1	4.0	3.8	5.0	4.7	4.6	4.4
Boughton	Little Mo.	20	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Camden	Ouachita	26	3.9	4.3	4.8	4.5	4.8	4.2	4.0	4.1	4.1	4.4	4.8	4.3	4.0	4.0	4.6	4.6	5.0	4.5	4.1	4.1	4.3	4.2	4.1	4.0	4.0	4.0	3.9	3.9	3.8	4.2
Benton	Saline	..	2.7	2.6	2.6	2.6	2.7	2.6	2.8	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.8	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Whitecliffs	Little River	25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Index	Red	25	6.0	6.0	6.0	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.4	5.4	5.4	5 4	5.2	5.2	5.3	5.3	5.3	5 3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.2
Fulton	do	25	4.7	4.5	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Big Lake Outl't	St. Francis	10	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.1	3.1
St. Francis	do	18	3.2	3.1	3.1	2.9	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	3.2	3.2	3.1	3.4	3.2	2.9	2.9	2.9	2.8
St. Francis L.L.	do	..	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19 3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19 3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
Marked Tree	do	17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0 0	0.0	0.0	0.0	0.0	0.0
Parkin	do	28	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0 9	0.9	0.9	0.9	0.9
Madison	do	32	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0 8	0 8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0 6	0.6
Helena	Mississippi	42	16 1	16.4	16.6	16.5	16.5	16.6	16.5	16.3	15 9	15.3	4.6	13.8	13.0	12.1	11.1	9.8	8.5	7.6	7.0	6.6	6.4	6.2	5.9	5.7	5.5	5.5	5.4	5.1	4.8	4.7
Arkansas City	do	42	10.4	10.5	10.7	10.8	16.9	10.9	10.9	10.8	10.7	10.5	10.1	9.5	8.9	8.3	7.6	6.8	5.9	4.9	4.0	3.5	3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.9	1.7	1.6

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkan Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; Whi Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ||| 24 hours ending 7 a. m. *Included in ne measurement. Italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipit tion with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are the period to 1935, inclusive.

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLIII Little Rock, Ark., November, 1938 No. 11

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The average temperature for the month, based on the reports of 71 stations, was 50.7°, which is 0.7° below the 48-year average. Monthly means ranged from 55.2° at El Dorado in Union County to 44.1° at Gilbert in Searcy County. The highest temperatures occurred at most stations during the first few days of the month, the highest recorded being 89° at Lutherville on the 2d. The lowest temperatures occurred during the last week of the month, the lowest being 8° at Lead Hill on the 27th. The greatest daily range was 60° at Okay on the 25th.

The average precipitation for the month, based on the reports of 107 stations, was 5.26 inches, which is 1.51 inches above the 48-year average. Rainfall was well distributed throughout the month with heavy amounts reported at many stations on the 3d, 4th, 7th and 18th. Precipitation was above normal over the western half of the State, and a portion of the northeastern section. The monthly amounts ranged from 1.30 inches at Wilson in Mississippi County to 9.60 inches at Magnolia in Columbia County. The greatest amount recorded in any 24-hour period was 5.60 inches at Magnolia on the 7th. The average snowfall for the month was 0.1 inch recorded on the 24th and 26th, all of which fell in western and northern counties. The average number of days with 0.01 precipitation was 5.

Cotton picking was about completed this month with the exception of a few fields in the northeastern and some central portions. The cold spell the last week of the month stopped growth of vegetation and also halted work in the fields for several days. The weather was favorable most of the month for such work as butchering, cutting wood, cleaning fields and orchards, and repairing fences and buildings. It was also favorable for winter grains, pastures and winter truck. The average number of clear days was 16, partly cloudy 6, and cloudy 8.

O.D.N.

Storms

Tornado:--17th, p. m., Elkhorn community, 7 miles ne of Rogers in Benton Co., storm moved eastward, path 1-2 mile wide and about 5 mi. long, three homes damaged and many trees uprooted. No report of anyone injured. Estimated loss $500.

High Winds:--17th, p. m., Centerton in Benton Co., property damaged. Estimated loss $200. 25th, a. m., Pangburn and vicinity in White Co., one person injured, farm buildings damaged. Estimated loss $500.

Corrections

Climatological Data, May, 1938.---Crossett, date of lowest 9th; Hot Springs, date of highest 30†.

Climatological data, June 1938:---Amity, clear days 5°, partly cloudy 16°, cloudy 4°. Benton, date of highest 15†. Calico Rock, clear days 16ª, partly cloudy 0ª, cloudy 13ª. De Queen, date of lowest 2†. Searcy, greatest daily range 34.

Climatological Data, August, 1938:---Brinkley, date of minimum temperature, 15th; Conway, date of minimum, 17th†; Crossett, number of days with .01 inch or more, 4; England, minimum temperature 67° on the 17th, Magnolia, mean minimum temperature 71.4°.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	1	.	1	.	1	.	1	1	.		.	3	12	.	.	.		.	1	.	1	.	.	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		1	1	.	.	.	.	.		.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.		.	.	.	.	.	.	.		.		1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorm	.	.	17	5	.	12	1	.	.	.	.	.	.	.	.	4	12	27	.	.		.	.	.	.	.	.	.	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.11	30.64	27	29.40	17	8.5	24	w	17	..	..	..	68
Fort Smith	30.12	30.67	27	29.52	17	8.3	22	sw	1	71	54	50	58
Little Rock	30.12	30.62	27	29.56	4	8.6	22	w	4	76	54	50	63
Memphis	30.13	30.60	27	29.43	4	8.9	32	sw	4	70	53	54	62

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0 1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47 8	89	10	1.95	T.	5	15	4	11
1921	54 9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50 4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0 1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50 5	87	16	4.15	T	7	13	4	10
1931	57.6	88	18	6.34	T	9	9	6	15
1932	46.7	82	9	1.98	0 1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
Period	51.4	96	2	3.75	0.1	6	14	6	10

Climatological Data for November, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	50.2	......	80	1	16	25	45	9.58	...	4.76	0.0	4	10	15	5	w.	L. R. Water Works
Amity	Clark	500	43	46.0	− 6.2	81	1†	15	25†	49	6.23	+2.74	3.37	0.0	4	13^{b}	9^{b}	6^{b}	n.	J. W. Campbell
Arkadelphia	Clark	200	43	53.3	......	85	1†	14	28	52	6.28	+2.73	3.04	0.0	6	14	12	4	se.	Mrs. Ted R. Carpent
Arkansas City	Desha	145	54	......	......	......	......	......	......	......	2.77	−1.01	1.22	0.0	6	20	9	10	......	Herbert Neff
Batesville Airway	Independence	363	2	51.0	+ 1.8	81	2	16	27	48	3.98	......	2.49	0.0	5	13	8	9	sw.	Airway Observer
Batesville	Independence	277	39	......	......	......	......	......	......	......	8.66	+0.23	1.40	T.	7	16	8	6	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	46	48.7	− 2.1	81	1	13	27	45	4.60	+0.94	2.30	0.0	3	15	9	6	n.	J. E. Scanlan
Benton	Saline	285	3	47.1	......	82	1†	9	28	55	7.72	......	3.42	0.0	7	16	4	10	n.	S. A. Burks
Bentonville	Benton	1295	33	47.2	− 1.0	79	1	16	27	36	6.09	+3.08	2.17	0.6	6	17	4	9	s	U. S. Weather Bure
Big Lake Outlet ‡‡	Mississippi	239	8	......	......	......	......	......	......	......	2.19	......	0.72	T.	6	15	5	10	......	C. J. Brooks
Black Rock	Lawrence	259	37	......	......	......	......	......	......	......	5.05	+1.14	1.93	T.	7	21	0	9	n.	Vernon C. Howe
Blytheville	Mississippi	252	13	50.0	− 1.4	81	1	14	27	38	1.35	−2.88	0.50	T.	6	21	1	8	s.	Samuel Norris
Booneville	Logan	465	24	50.9	− 1.7	83	1	13	27	48	4.18	+0.94	1.77	T.	4	15	9	6	w.	F. H. Randolph
Boughton ‡‡	Clark	235	3	......	......	......	......	......	......	......	6.22	......	3.25	0.0	4	19	1	10	......	Harry Buie
Brinkley	Monroe	205	11	51.4	− 0.5	84	2	14	27	45	3.63	−0.33	1.98	0.0	7	12	6	12	se.	R J Torry
Calico Rock	Izard	361	34	......	......	......	......	......	......	......	5.90	+2.39	2.40	T.	5	14	6	10	......	William Jones
Camden	Ouachita	116	53	54.6	− 2.4	83	2†	16	27	48	7.08	+3.14	3.52	0.0	7	17	3	10	w.	J M. Knight
Carthage	Dallas	297	33	......	......	......	......	......	......	......	......	......	......	......	..	..	..	..	......	P. K. Wylie
Clarendon	Monroe	172	34	......	......	......	......	......	......	......	3.53	−0.32	1.96	0.0	11	17	4	9	n	R. M. Wheatley
Clinton	Van Buren	516	17	......	......	......	......	......	......	......	7.63	+4.19	3.80	0.0	6	16	4	10	sw.	A L. Stephens
Conway	Faulkner	309	55	51.6	− 0.3	84	1†	18	28	45	7.78	+4.18	4.15	0.0	6	21	3	6	s.	E. E. Cordrey
Corning	Clay	293	45	50.3	− 1.7	82	1†	13	27	44	4.03	+0.27	1.99	T.	7	18	2	10	s.	Winfred D. Polk
Cotter	Baxter	440	11	......	......	......	......	......	......	......	8.26	+5.93	4.60	0.0	5	19	3	8	......	O. B. McSpadden
Crosset (near)	Ashley	175	26	52.4	− 1.6	85	17	12	27	48	3.55	−0.33	2.98	T.	3	17	10	3	s.	U. S. Forest Servic
Danville	Yell	327	22	......	......	......	......	......	......	......	6.19	+3.12	3.01	T.	6	15	7	8	......	J. M. Patterson
Dardanelle	Yell	330	52	51.0	− 0.9	84	1	17	27	43	4.66	+1.35	3.23	0.0	3	14	8	8	s.	Geo. N. Goodier
De Queen	Sevier	426	3	51.0	......	82	2†	13	27	42	2.33	......	0.80	0.0	5	18	4	8	s.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	45.8	......	73	1	13	24†	31	7.24	......	2.08	0.0	5	17	3	10	se.	U.S. Forest Servic
Dumas	Desha	162	33	53.4	− 0.3	86	17	12	27	42	3.43	−0.77	2.17	T.	5	12	12	6	s.	Ben Johnson
El Dorado	Union	270	38	55.2	0.0	83	17	19	27	38	5.61	+1.55	2.96	0.0	7	15	10	5	s.	Mrs. E. W. Gasto
England	Lonoke	229	32	52.3	− 0.9	85	3	20	27	35	2.11	−1.68	1.10	0.0	3	15	13	2	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	38	49.5	− 1.4	80	1	14	27	33	5.30	+2.20	1.55	1.0	8	21	1	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	1	49.2	− 0.3	79	1	13	27	40	5.03	+2.16	1.77	0.7	8	14	7	9	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	51	47.8	− 1.7	79	1	15	27	39	4.58	......	1.52	0.2	7	17	7	6	sw.	University of Arka
Fordyce	Dallas	275	10	52.3	......	80	1	19	25†	37	4.57	......	2.90	0.0	5	10	18	2	s.	Miss Mercille McMu
Fort Smith	Sebastain	448	57	50.0	− 1.0	81	1	18	27	34	4.42	+1.55	2.55	T	4	14	10	6	e.	U. S. Weather Bur
Ft. Smith WaterP.	Crawford	....	1	......	......	......	......	......	......	......	4.60	......	2.44	0.0	4	20	0	10	......	T. J. Wylie
Fulton	Hempstead	260	53	......	......	......	......	......	......	......	5.11	+1.61	2.60	0.0	3	18	2	10	......	T. J. Logan
Georgetown	Woodruff	200	26	......	......	......	......	......	......	......	6.66	+2.87	1.95	0.0	8	22	0	8	......	C. G. Long
Gilbert	Searcy	600	13	44.0	......	78	1	13	28	48	8.74	......	4.91	T	4	18	2	10	......	F. J. King
Glenwood	Pike	547	3	......	......	......	......	......	......	......	6.32	......	3.00	0.0	3	12	9	9	......	C. A. Price
Grannis	Polk	900	19	49.0	− 2.0	81	16	10	27	44	5.54	+1.42	1.71	0.0	7	12	12	6	s.	W. E. McVay
Gravette	Benton	1250	41	46.2	− 2.8	80	1†	9	27	48	4.24	+1.08	2.15	T.	5	20	4	6	sw.	Max W. Schmidt
Green Mountain ‡‡	Stone	1100	2	50.6	......	78	1	15	27	30	6.26	......	3.28	0.2	5	14	9	7	sw.	U. S. Forest Servic
Hankins	Drew	....	1	......	......	......	......	......	......	......	3.69	......	1.98	...	7	..	..	..	......	Soil Conservation S
Harrison	Boone	1052	38	49.3	+ 0.6	82	1	15	27	40	8.14	+5.33	2.50	1.0	8	20	2	8	sw.	Louis R. Keck
Helena	Phillips	300	66	53.6	+ 0.6	82	2	14	27	38	1.66	−2.78	0.69	0.2	7	17	3	10	s.	James A. Burnett
Higden	Cleburne	445	19	......	......	......	......	......	......	......	5.02	+0.46	2.54	0.0	4	16	5	9	s.	Austin E. Cartwrig
Highland	Pike	491	19	53.4	......	82	2†	19	27	46	7.85	+4.33	5.00	0.0	3	11	15	4	w.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	49.6	− 4.6	82	2	15	25†	48	7.10	+3.34	....	0.0	5	19	6	5	sw.	Experiment Farm
Hot Springs	Garland	600	47	51.2	− 1.6	80	1	18	27	36	8.94	+5.04	4.60	T.	6	12	13	5	n.	National Park Ser
Index ‡‡	Little River	275	21	......	......	......	......	......	......	......	5.26	+2.36	2.40	0.0	3	20	3	7	......	W. E. McDowell
Jessieville	Garland	750	12	......	......	......	......	......	......	......	8.30	+3.97	....	0.0	5	12	9	9	sw.	U. S. Forest Servic
Jonesboro	Craighead	345	43	50.2	− 1.0	81	1	16	27	41	3.44	+0.05	1.02	T.	8	14	6	10	sw.	Benedictine Sisters
Judsonia	White	220	2	......	......	......	......	......	......	......	5.88	......	2.30	0.0	8	19	3	8	......	T. H. Beals
Lead Hill	Boone	650	32	45.0	− 3.4	80	2	8	27	47	8.60	+5.84	3.52	1.0	6	20	1	9	nw.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	59	51.4	− 0.7	80	1	22	25	32	6.07	+1.88	2.76	T.	7	14	5	11	s.	U. S. Weather Bu
Little Rock Airway	Pulaski	257	2	51.6	......	82	1†	17	27	39	6.33	......	2.78	T	7	12	10	8	s.	Airway Observer
Lutherville ‡‡	Johnson	775	39	49.8	− 1.2	89	2	14	27	37	6.08	+2.67	2.40	0.9	4	15	4	11	sw.	H G. Lenhardt
Madison	St. Francis	209	8	......	......	......	......	......	......	......	3.04	......	0.97	T.	6	12	5	13	......	J. W. Eppes
Magnolia	Columbia	315	22	53.8^{d}	− 1.2	83^{d}	2†	17^{d}	27	40^{e}	9.60	+5.57	5.60	0.0	2	8^{e}	13^{e}	4^{e}	sw.	State Agri. School
Mammoth Spring	Fulton	600	34	48.0	− 0.7	83	1	9	27	46	6.30	+3.03	2.30	0.0	5	18	3	9	n.	Paul Morton
Marianna	Lee	235	27	52.2	− 0.1	80	2†	16	27	40	1.34	−2.16	1.06	T	6	9	15	6	s.	C. N. Houck
Marked Tree	Poinsett	229	34	49.1	− 0.1	81	1	12	27	42	2.63	−1.52	1.31	T.	6	15	7	8	n.	Charles Walton
Mena	Polk	1207	50	50.7	− 1.5	81	1†	18	25	36	4.68	+1.06	2.65	0.0	3	15	6	9	nw.	E. W. St. John
Monticello Airway	Drew	273	2	54.0	......	84	1	18	27	35	3.62	......	2.30	0.0	5	18	6	6	sw.	Airway Observer
Monticello (near)	Drew	273	3	......	......	......	......	......	......	......	2.45	......	1.22	....	5	..	..	..	......	Soil Conservation
Montongo	Drew	....	3	......	......	......	......	......	......	......	4.40	......	2.32	....	6	..	..	..	......	Soil Conservation
Morrilton	Conway	315	19	53.2	+ 2.3	80	1†	19	25†	44	9.13	+5.85	4.80	0.0	5	12	11	7	n.	Mrs. Freda M. Ashe
Mountainburg(nea	Crawford	2010	1	......	......	......	......	......	......	......	5.45	......	2.27	T	5	18	5	7	se.	C. A. Lovell
Mountain Home	Baxter	800	26	48.6	0.0	84	1	13	27	47	7.20	+4.37	3.60	0.0	5	15	2	13	w.	H. N. Halbert
Mountain Valley	Garland	273	1	......	......	......	......	......	......	......	8.29	......	3.20	T.	5	19	5	6	s.	J G. Scott
Mount Ida	Montgomery	702	39	49.4	− 1.2	83	16	9	27	48	6.85	+2.42	2.15	T.	4	14	3	13	sw.	G. A. Whittington
Newport	Jackson	231	55	50.4	− 0.6	81	1	13	27	40	4.67	+1.03	1.67	T.	7	17	8	5	n.	J. D. Henderson
Norman	Montgomery	687	10	......	......	......	......	......	......	......	5.84	......	3.05	0.0	3	12	8	10	s.	U. S. Forest Servi
Oden ††	Montgomery	800	11	51.1	......	82	1†	15	25	41	6.47	......	2.54	0.0	4	13	10	7	nw.	U. S. Forest Serv
Okay	Howard	288	10	54.0	......	84	2†	15	25†	60	6.16	......	1.80	0.0	6	19	5	6	s.	Charles R. Jackso
Ozark	Franklin	396	43	49.4	− 2.0	82	1	15	27	45	4.70	+1.91	2.30	0.0	5	16	4	10	e.	Orkney O. Milton
Paragould	Greene	275	15	49.0	......	79	1†	17	27	39	2.72	−0.73	1.24	0.1	5	19	4	7	sw.	J. E. Garrett
Parkin	Cross	222	8	......	......	......	......	......	......	......	3.48	......	1.10	T.	5	16	4	10	......	Carroll King
Pine Bluff	Jefferson	215	51	54.4	+ 1.1	88	1	17	27	40	3.96	−0.04	2.95	0.0	7	10	14	6	nw.	Miss Theresa Sche
Pine Ridge	Montgomery	840	14	......	......	......	......	......	......	......	6.58	+2.33	3.05	0.0	3	15	4	11	nw.	J R. Huddleston
Plantersville	Drew	....	1	......	......	......	......	......	......	......	3.99	......	2.07	...	6	..	..	..	......	Soil Conservation
Pocahontas	Randolph	300	45	49.8	− 0.3	80	1†	18	25†	38	5.15	+1.64	1.93	0.0	5	19	1	10	se.	Benedictine Sister
Portland	Ashley	122	32	53.0	− 1.3	84	2†	16	27†	45	3.89	−0.04	2.85	0.0	4	16	8	6	sw.	W E. Edmiston
Prescott	Nevada	318	50	54.0	− 0.2	84	2	17	25	40	6.34	+2.71	3.13	0.0	6	18	3	9	w.	Craig Williams
Rock Springs ‡‡	Drew	....	3	......	......	......	......	......	......	......	3.95	......	2.04	....	6	..	..	..	......	Soil Conservation
Rogers (near) ‡‡	Benton	1300	48	48.2	− 0.8	80	1	10	27	42	5.00	+2.08	1.92	0.2	7	20	1	9	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	......	......	......	......	......	......	......	3.57	......	2.28	0.0	4	18	6	6	s.	G. A. Maddox
Ross	Drew	....	1	......	......	......	......	......	......	......	3.15	......	1.96	...	5	..	..	..	......	Soil Conservation
Russellville [Evap]	Pope	526	26	50.8	+ 1.0	85	1	15	27	47	6.26	+2.31	2.71	0.0	5	19	0	11	ne.	U. S. Forest Serv
St. Charles	Arkansas	175	5	51.5	......	82	2†	16	27	43	2.74	......	1.65	0.0	6	16	5	9	s.	U. S. Biological Su
St. Francis	Clay	290	11	......	......	......	......	......	......	......	4.99	+1.21	1.94	0.5	9	18	0	12	......	A Boyce Boyd, J
Searcy	White	245	28	50.7	− 0.3	82	2	15	27	42	6.38	+2.50	2.30	0.0	9	15	2	13	sw.	Walter Smith
Springbank ‡‡	Miller	240	29	......	......	......	......	......	......	......	6.49	+2.68	3.25	0.0	4	21	0	9	......	Henry Field
Story	Montgomery	650	14	......	......	......	......	......	......	......	6.81	......	3.40	0.0	4	16	5	9	s.	S. C Story
Stuttgart	Arkansas	214	51	52.0	− 0.4	84	6†	13	27	47	2.72	−1.10	1.25	0.0	8	20	6	4	w.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	3	51.3	......	83	2	14	27	46	3.26	......	2.25	0.0	8	..	..	..	......	Rice Experiment
Subiaco	Logan	750	41	50.6	− 2.2	84	1	18	27	41	6.16	+3.07	2.48	0.0	4	18	6	6	s.	New Subiaco Abb
Texarkana	Miller	332	53	55.1	− 0.1	85	16	19	27	38	4.83	+1.41	2.43	0.0	3	16	9	5	n.	H. S. Brashear

Climatological Data for November, 1938

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				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Thornburg	Perry	650	18	50.0	−0.8	80	1†	12	25†	47	9.59	+5.99	4.80	0	5	14	6	10	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	47.8	....	76	1	15	27	29	6.85	+3.04	2.58	T.	4	18	5	7	sw.	U. S. Forest Service
Underwood	Drew	....	1	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	Soil Conservation Ser.
Waldron	Scott	675	19	54.0^{h}	....	83^{h}	1	12^{h}	28	55^{h}	4.12	+0.79	1.75	0	4	5^{i}	8^{i}	8^{i}	se.	Wilson Ferguson
Warren	Bradley	206	44	53.7^{a}	−0.1	84^{a}	2	17^{a}	27	40^{a}	3.99	−0.04	2.05	T.	6	11^{a}	8^{a}	10^{a}	nw.	C. N. Turner
Whitecliffs	Little River	290	32	....	....	....	....	....	....	....	5.14	+2.11	2.52	0	3	18	0	12	....	L. M. Snead
White Rock ‡‡	Franklin	2285	2	47.6	....	75	1†	13	24	39	4.74	....	1.29	T.	5	19	4	7	se.	U. S. Forest Service
Wilson	Mississippi	237	13	51.6	+1.1	85	6	14	28†	49	1.30	−2.84	1.30	0	1	23	0	7	n.	D. O. Anderson
Witt Springs	Searcy	1953	1	....	....	....	....	....	....	....	8.28	....	4.70	T.	4	20	0	10	sw.	E. M. Duncan
Wynne	Cross	167	14	52.6	+1.8	83	2	14	27	43	3.92	+0.01	1.21	0	7	13	10	7	n.	W. E. Barton
State Means				50.7	−0.7	89	2	8	27	60	5.26	+1.51	5.60	0.1	5	16	6	8	s.	

Daily Precipitation for November, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita			T.	4.76		.15	3.79										T.	.88														9.58
Amity ‖‖	Ouachita				2.40			3.37									.05		.41														6.23
Arkadelphia ‖‖	Ouachita				3.04			2.70	.26					.01					.23					T.	.04								6.28
Arkansas City ‖‖	Mississippi				1.22	.40		T.	.04								T	.07	T.	.79				T.	.25								2.77
Batesville Airway	White				2.49			.90										.02	.54					.03									3.98
Batesville River ‖‖	White				1.40	.60		.34	.74										.51	.02				.05			T.						3.66
Bee Branch	Arkansas				2.10			2.30										T.	.20					T.									4.60
Benton ‖‖	Saline				3.42	.05		1.86	.48										1.69	.12					.10								7.72
Bentonville ***	Arkansas			2.05	.18		1.33	.76					T.	.15				1.62					T.	T.			T.						6.09
Big Lake Outlet ‖‖	St. Francis				.23	.68			.09						T.			T.	.72	.39				.08	T.								2.19
Black Rock ‖‖	White				.75	.95		.70	.32										1.93	.30				.10	T.			T.					5.05
Blytheville ‖‖	St. Francis				.06	.50			.03					T.					.41					.34	.01								1.35
Booneville	Arkansas			1.71			.68	1.77																.02									4.18
Boughton ‖‖	Ouachita				3.25			2.85	.07															.05									6.22
Brinkley	White				1.98			.40						.02			.05	.01	1.10					.07									3.63
Calico Rock ‖‖	White				2.40	.76		1.92	.32										.50					T.		T	T.						5.90
Camden ‖‖	Ouachita				3.52			3.17	.07									.18	.05					.01	.08								7.08
Carthage	Arkansas																																..
Clarendon ‖‖	White				1.96	.29		.22	.19						.01		.05	.02	.01	.65				.12	.01								3.53
Clinton	White			*	3.82		*	2.98										T.	.83														7.63
Conway	Arkansas			4.15	.10		.03	2.38											1.09					.03									7.78
Corning ‖‖	White					1.20		.49										.05		1.99				.25	.03		.02						4.03
Cotter ‖‖	White				4.60	.50		2.63	.10										.43														8.26
Crossett [near]	Ouachita				2.98			.43											.14						T.								3.55
Danville ‖‖	Arkansas				3.01	.05		2.81	.02		.02								.28						T								6.19
Dardanelle ‖‖	Arkansas				1.26			3.23											.17														4.66
De Queen	Red			.75	.62		.80										.02		.14														2.33
Devils Knob	Arkansas			1.59	2.08		1.00	1.84											.73					T.	T.								7.24
Dumas	Mississippi				2.17			.43						T.			.15		.48						.20								3.43
El Dorado ‖‖	Ouachita				2.96			.96	.01										.01	1.51				.04	.12								5.61
England	Arkansas							1.00											1.10					.01									2.11
Eureka Springs	White			1.55	1.28		.37	1.38						.07					.53						.05		.07						5.30
Fayetteville	White			1.77	.68		.76	1.27	T.				T.	.01					.50				T.	T.	.03	T.	.01						5.03
Fayetteville Exp. S	White			1.52	.69		.56	1.15						.05					.58				T	T.	.03		T.						4.58
Fordyce	Ouachita				2.90			1.25									.05	T.	.30						.07								4.57
Fort Smith ***	Arkansas			2.55	T.		1.22	.50					T.					.15					T.	T.									4.42
Fort Smith W. ‖‖	Arkansas				2.44			1.53	.06	T.									.57														4.60
Fulton ‖‖	Red				2.20			2.60						T.			T		.31					T.									5.11
Georgetown ‖‖	White				1.95	.35	T.	.35	.15								.51		.85	1.20				1.30	T.								6.66
Gilbert ‖‖	White				4.91	.49		2.78											.56						T								8.74
Glenwood ‖‖	Ouachita			2.75				3.00											.57														6.32
Grannis	Red			1.65	.51		1.22	1.71					.02				.03		.40														5.54
Gravette ‖‖	Arkansas				2.15	.11		1.38		T.				.30					.30									T.					4.24
Green Mountain	White			T.	3.28		.58	1.92						.01				T.	.47						T								6.26
Hankins ***	Ouachita			.30	1.98			.55									.42			.31			.08	.05									3.69
Harrison	White			1.65	2.50		1.10	1.90						.05					.89					T.	.03		.02						8.14
Helena ‖‖	Mississippi				.21	.69											.08	.02		.45				.12	.09								1.66
Higden	White			T.	2.54		T.	1.98										T.	.48					.02									5.02
Highland	Ouachita			2.20			5.00												.65														7.85
Hope [Evap] ‖‖	Red				2.63			4.20									.05		.20						.02								7.10
Hot Springs	Ouachita			*	4.60		*	4.15										.03	.16					T.									8.94
Index ‖‖	Red				2.40			2.35											.51						T.								5.26
Jessieville	Ouachita			*	4.20		*	3.05											1.05														8.30
Jonesboro ‖‖	White				.41	1.02		.18	.12									.02	.90	.44				.35	T.			T.					3.44
Judsonia ‖‖	White				2.30	.12		1.01	.23								.29		1.69	.07				.17									5.88
Lead Hill	White			1.00	3.52		.80	2.18											1.05						T.		.05						8.60
Little Rock ***	Arkansas			.79	1.97		.31	.99						T.			.02	T.	1.91				.08	T	T.								6.07
LittleRock Airway	Arkansas			T.	2.78			1.22						T.			.01	.02	2.16					.13	.01								6.33
Lutherville	Arkansas			1.12	1.89		.67	2.40																									6.08
Madison ‖‖	St. Francis				.30	.72		.05		T.					T.		.95			.97				.05	T.								3.04
Magnolia	Red						4.00	5.60																									9.60
Mammoth Spg ‖‖	White				2.30	1.10		1.20	.50										1.20					T.									6.30
Marianna	St. Francis							.05						.02			.03		1.06					.05	T.	.13							1.34
Marked Tree ‖‖	St. Francis				.36	.83			.05									T.	.03	1.31				.05	T.								2.63
Mena ‖‖	Ouachita				1.73			2.65		T.									.30						T.								4.68
Monticello Airway	Ouachita				2.30			.33									.04		.91						.04								3.62
Monticello (near ***	Ouachita			.18	1.22			.40											.58					.07									2.45
Montongo	Ouachita			.15	2.32			.64									.53		.64					.12									4.40
Morrilton ‖‖	Arkansas				4.80	.10		3.20	.33										.70														9.13
Mountainburg	Arkansas			2.27	.63		.50	1.31											.74					T.	T.								5.45
Mountain Home	White			.98	3.60		.22	2.00											.40					T.									7.20
Mountain Valley	Ouachita			1.02	3.20		.85	2.60									T.	T.	.62						T								8.29
Mount Ida	Ouachita			2.15	1.74		.88	2.08																									6.85
Newport ‖‖	White				1.67	.72		.79	.22										.50	.49				.28			T						4.67
Norman ‖‖	Ouachita				3.05			2.25											.54														5.84
Oden ‖‖	Ouachita																																....
Okay	Red			1.80	.72		1.40	1.75									.06		.43														6.16
Ozark ‖‖	Arkansas				2.30	.11		1.95	.05										.29						T.								4.70
Paragould	St. Francis				1.24			.18						T.			.08		.83					.39	T.								2.72
Parkin ‖‖	St. Francis				1.00	T.		T.	.12					T.			.31		1.10	.95					T.								3.48
Pine Bluff ‖‖	Arkansas				2.95	.02		.39	.32						T.			.04		.22					.02								3.96
Pine Ridge ‖‖	Ouachita				2.82			3.05											.71														6.58

Daily precipitation for November, 1938

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Plantersville ***	Ouachita			.38	2.07			.72									.37		.39					.06									3.99
Pocahontas	White				1.58			1.42									.04		1.93					.18									5.15
Portland ‖‖	Ouachita				2.85												.04			.80					.20								3.89
Prescott ‖‖	Ouachita				3.13			2.99	.04								.04		.12					.02									6.34
Rock Springs	Ouachita			.30	2.04			.82									.39		.32					.08									3.95
Rogers (near)	White			1.92	.90		.54	1.30						.04					.28						T.		.02						5.00
Rosebud	Arkansas				2.28			.64									.11		.54														3.57
Ross ***	Ouachita			.14	1.96			.40									.25		.40														3.15
Russellville	Arkansas			.30	2.71		.60	2.46											.19														6.26
St. Charles ‖‖	White				1.65	.21		.11	.05								T.			.50					.22								2.74
St. Francis ‖‖	St. Francis				.10	1.28			.38					T.			.10	.03	1.94	.34				.52	.30								4.99
Searcy	White				2.30	.40		.80	.47					.01			.19		1.38	.71				.12									6.38
Springbank ‖‖	Red			T.	2.67			3.25	T.								T.	T.	.45	T.				T.	.12								6.49
Story ‖‖	Ouachita			2.35			3.40											.84								.22							6.81
Stuttgart ‖‖	Arkansas				1.25	22		.43	.30					.02						.35				.10	.05								2.72
Stuttgart [Evap] ‖‖	Arkansas				2.25	.05		.28	.22					.01	T.					.29				.09	.07								3.26
Subiaco	Arkansas			1.71	1.52		45	2.48						T.											T.								6.16
Texarkana ‖‖	Red				2.10			2.43											.30														4.83
Thornburg	Arkansas			*	4.80		*	3.73						T.			T.	T.	1.06														9.59
Turnpike	Arkansas			.79	2.58		1.22	2.26											T.						T.								6.85
Underwood ***	Ouachita																																....
Waldron	Arkansas			1.65	.07		1.75	65																									4.12
Warren	Ouachita				2.05			1.02									.10		.67					.02	.13								3.99
Whitecliffs ‖‖	Red			T.	2.52			2.27											.35														5.14
White Rock	Arkansas			1.08	1.14		.83	1.29											.40					T									4.74
Wilson ‖‖	Mississippi																T.	T.	1.30														1 30
Witt Springs	Arkansas			4.70	.40		2.75												.43						T.								8.28
Wynne ‖‖	St. Francis				1.09			.12									.59	.02	.80	1.21				.09									3.92

Daily temperatures for November, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	80	79	73	67	78	75	63	52	58	65	76	73	68	60	67	70	67	60	72	78	66	64	63	38	43	36	42	57	62	68		64.0
	Minimum	48	48	54	45	48	37	34	25	28	34	40	57	52	30	30	44	40	47	49	33	36	31	33	25	16	22	22	20	31	34		36.4
Amity §§	Maximum	81	81	70	61	60	58	39	54	31	40	47	76	65	57	69	80	78	58	62	71	70	60	43	37	49	43	46	60	64	68		59.3
	Minimum	44	53	55	49	36	37	36	24	24	27	30	38	46	35	30	31	42	41	33	30	31	39	34	24	15	19	15	19	20	21		32.6
Arkadelphia §§	Maximum	85	85	83	62	83	83	45	65	61	77	83	83	70	66	81	85	83	64	72	76	82	64	65	45	52	54	51	62	66	75		70.3
	Minimum	51	53	66	49	38	52	39	25	29	27	36	43	52	35	30	45	45	55	32	30	30	41	39	38	15	17	17	14	20	25		36.3
Batesville	Maximum	80	81	78	75	75	73	66	57	60	67	74	71	67	63	78	78	67	69	60	70	68	55	42	39	39	40	41	57	63	69		64.1
	Minimum	50	57	65	48	40	56	38	29	28	29	41	53	50	31	30	46	41	51	33	32	37	42	35	29	20	28	16	19	33	34		38.0
Bee Branch	Maximum	81	78	75	75	73	72	66	53	57	64	68	75	67	62	66	77	73	67	60	69	65	58	44	40	37	33	44	55	64	67		62.7
	Minimum	50	55	52	45	35	54	38	24	28	28	40	48	42	30	30	45	42	50	30	31	32	40	34	25	16	20	13	18	25	22		34.7
Benton §§	Maximum	82	81	77	62	82	78	48	56	67	68	72	77	73	59	68	84	78	70	62	70	69	56	42	40	46	45	41	56	63	66		64.5
	Minimum	40	45	48	51	35	36	34	25	24	26	25	34	33	30	28	27	42	41	34	28	29	28	37	27	15	16	13	9	12	20		29.7
Bentonville ***	Maximum	79	78	73	52	74	67	35	53	61	65	70	67	60	61	62	71	76	53	58	67	66	38	31	30	40	35	40	59	61	63		58.2
	Minimum	59	63	52	40	45	35	28	25	34	38	51	59	35	28	34	46	40	33	27	41	38	26	28	17	23	19	16	27	35	40		36.1
Blytheville	Maximum	81	80	80	69	76	76	74	52	56	67	76	76	65	63	63	60	70	70	58	69	67	51	47	40	41	46	39	52	63	67		62.9
	Minimum	48	52	50	49	40	49	45	27	25	29	39	50	39	28	39	42	56	49	36	32	37	37	36	29	28	26	14	20	32	32		37.2
Booneville	Maximum	83	82	78	62	78	73	48	58	63	71	73	71	70	61	68	80	80	75	63	72	70	65	44	38	42	38	46	66	68	69		65.2
	Minimum	60	62	56	45	40	46	35	22	28	35	44	57	52	29	30	54	42	48	29	29	42	38	31	22	16	20	13	18	26	30		36.6
Brinkley	Maximum	83	84	83	77	78	76	69	55	60	69	62	74	69	64	72	70	74	74	73	71	70	61	52	39	43	44	43	45	56	68		65.3
	Minimum	50	51	64	50	42	48	41	27	25	26	38	45	52	31	27	46	49	53	50	30	37	44	35	31	17	20	14	17	29	37		37.5
Camden	Maximum	83	82	82	82	79	78	75	75	63	70	75	77	76	70	72	83	83	83	62	70	79	68	66	47	50	48	47	58	63	69		70.2
	Minimum	52	51	69	69	40	55	40	27	28	28	37	43	57	35	32	53	59	55	34	31	82	41	40	30	17	19	16	18	26	33		38.9
Carthage	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Conway	Maximum	84	84	81	63	79	72	66	57	63	69	74	77	65	61	68	80	71	71	62	72	70	57	49	43	42	42	45	61	70	72		65.7
	Minimum	54	57	61	50	40	54	39	27	27	29	43	49	49	30	30	48	43	52	33	32	37	47	38	28	19	20	19	18	25	30		37.6
Corning	Maximum	82	82	81	79	77	76	67	55	60	69	75	80	70	64	67	75	78	71	58	70	68	67	39	41	37	40	38	53	63	67		65.0
	Minimum	42	53	60	47	38	49	39	24	24	25	37	45	51	26	26	46	46	50	33	31	39	36	32	30	17	28	13	17	31	34		35.6
Crossett	Maximum	82	84	84	77	79	81	73	64	62	72	76	71	78	70	74	80	85	77	62	71	70	74	61	45	50	62	44	57	65	71		70.0
	Minimum	48	47	63	50	40	44	40	25	24	24	30	44	54	38	30	48	58	57	34	27	29	30	30	29	13	17	12	13	20	27		34.8
Dardanelle	Maximum	84	82	76	59	77	70	63	56	61	69	71	75	70	61	65	79	82	59	63	70	70	65	50	89	41	39	45	60	68	70		64.6
	Minimum	50	60	58	47	40	58	38	25	28	31	40	50	53	32	29	49	50	52	31	30	37	46	36	26	21	20	17	18	25	28		37.5
De Queen	Maximum	79	82	76	65	79	73	58	59	62	68	67	78	71	60	71	82	81	79	66	70	70	64	52	40	47	45	48	58	63	66		66.0
	Minimum	53	57	56	46	39	57	36	23	27	30	39	47	57	33	31	57	42	52	28	30	34	43	29	24	15	17	13	18	21	28		36.1
Devils Knob	Maximum	73	69	67	51	66	63	57	41	53	53	62	61	59	55	60	71	62	61	55	58	58	55	34	28	31	29	34	45	52	58		54.0
	Minimum	58	57	51	37	42	55	26	24	38	38	49	53	42	40	45	51	54	39	29	45	44	34	27	13	19	20	13	25	26	36		37.7
Dumas	Maximum	85	81	85	74	80	80	71	57	62	71	77	79	61	67	72	80	86	75	60	72	76	72	62	40	51	49	43	58	64	70		68.7
	Minimum	52	52	61	54	43	47	40	28	27	29	37	40	54	38	32	50	62	55	38	32	36	42	37	26	19	22	12	19	27	33		38.1
El Dorado	Maximum	82	82	80	75	79	76	74	54	62	62	74	73	78	70	73	81	83	77	61	72	71	75	63	42	49	48	42	58	64	70		68.8
	Minimum	56	57	69	50	49	52	40	28	30	33	40	52	62	39	35	59	65	53	38	36	38	48	42	33	20	20	19	23	33	41		42.0
England	Maximum	82	82	85	79	76	76	70	54	57	56	73	74	67	62	67	81	79	79	69	69	68	60	53	45	45	45	41	56	63	69		66.1
	Minimum	52	52	55	50	40	42	39	30	28	30	40	48	55	33	32	51	54	52	35	35	38	36	36	30	22	32	20	22	32	34		38.5
Eureka Springs	Maximum	80	77	71	55	75	69	43	53	63	69	76	68	63	64	64	72	74	67	57	70	66	61	33	33	39	35	41	60	62	65		60.8
	Minimum	61	62	53	39	43	42	29	25	35	38	50	58	40	31	40	52	45	41	26	46	47	29	29	15	19	20	14	29	43	45		38.2
Fayetteville	Maximum	79	78	73	55	74	68	43	54	62	65	73	70	65	64	66	75	76	69	59	69	67	61	32	32	45	34	42	60	63	64		61.2
	Minimum	60	62	54	40	44	42	30	24	34	40	51	58	42	27	31	53	36	43	27	34	47	30	30	17	20	23	13	26	38	41		37.2
Fayetteville Exp. S	Maximum	79	74	73	54	72	71	41	49	56	61	63	65	65	58	60	69	76	70	55	65	65	60	31	30	38	34	39	56	59	62		58.5
	Minimum	62	62	54	40	46	41	30	24	32	40	40	58	40	28	32	53	37	44	25	38	44	29	28	17	20	22	15	26	41	43		37.0
Fordyce	Maximum	80	79	79	75	75	75	70	54	58	65	68	72	72	70	66	78	79	77	58	65	67	66	62	45	45	46	50	56	62	64		65.9
	Minimum	55	56	68	52	45	45	40	30	31	31	35	40	39	38	36	53	52	55	37	36	36	45	38	20	19	24	20	19	31	34		38.7
Fort Smith***	Maximum	81	80	74	60	78	69	39	56	63	70	71	71	63	61	64	77	78	60	59	69	70	50	38	34	38	34	43	56	64	65		61.2
	Minimum	58	66	55	45	44	39	31	28	35	38	48	55	45	35	36	52	46	41	32	36	43	37	32	23	24	24	18	25	32	38		38.7
Gilbert	Maximum	78	74	74	53	67	66	45	42	49	56	69	72	64	56	61	67	69	72	53	70	72	68	44	36	33	40	37	43	63	58		58.4
	Minimum	44	52	51	39	36	41	30	18	23	32	27	42	35	25	27	34	31	34	25	25	28	35	32	22	19	20	16	13	15	22		29.8
Grannis	Maximum	79	80	75	72	77	70	55	60	65	69	66	75	69	60	70	81	79	73	65	69	70	60	49	38	46	41	50	60	63	66		65.1
	Minimum	51	54	57	44	35	51	33	20	25	26	35	41	51	28	28	49	39	48	24	27	28	38	30	24	12	15	10	16	19	25		32.8
Gravette§§	Maximum	80	80	75	50	75	65	58	60	65	66	74	70	56	63	65	73	76	64	60	69	68	47	41	30	41	33	42	60	63	65		61.1
	Minimum	51	62	63	34	40	46	32	21	21	22	26	41	38	27	28	35	40	43	22	27	38	25	25	15	16	19	9	14	30	35		31.4
Green Mountain	Maximum	78	76	72	72	71	71	61	52	58	63	70	70	66	61	62	74	66	68	57	68	64	58	38	33	36	34	38	56	63	66		60.7
	Minimum	58	60	58	42	41	57	32	23	37	39	52	59	46	38	41	52	52	46	30	45	47	36	31	21	20	26	15	27	41	43		40.6
Harrison	Maximum	82	79	78	59	72	76	55	50	58	64	75	80	69	59	65	71	74	73	57	68	64	57	41	37	38	35	36	59	64	64		62.0
	Minimum	50	60	55	42	42	50	32	24	26	37	49	58	44	27	29	52	34	44	28	35	44	34	31	19	19	23	15	19	36	40		36.6
Helena	Maximum	80	82	81	77	75	77	70	51	59	67	75	75	74	68	70	75	76	76	54	69	67	64	66	49	46	53	45	56	64	68		67 0
	Minimum	55	55	62	52	47	50	42	25	30	36	45	55	53	37	32	50	57	52	36	36	43	47	35	30	18	21	14	22	30	39		40.2
Highland	Maximum	80	82	77	69	78	79	71	73	74	66	68	75	74	66	69	82	81	79	64	67	69	66	60	43	46	45	47	61	61	67		68.0
	Minimum	56	55	50	47	40	46	27	27	37	35	42	49	43	39	40	43	49	49	34	40	40	45	34	25	20	28	19	29	39	37		38.8

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day

Weather Bureau Office, Little Rock, Ark. 12-22-38-1150

Daily temperatures for November, 1938, continued

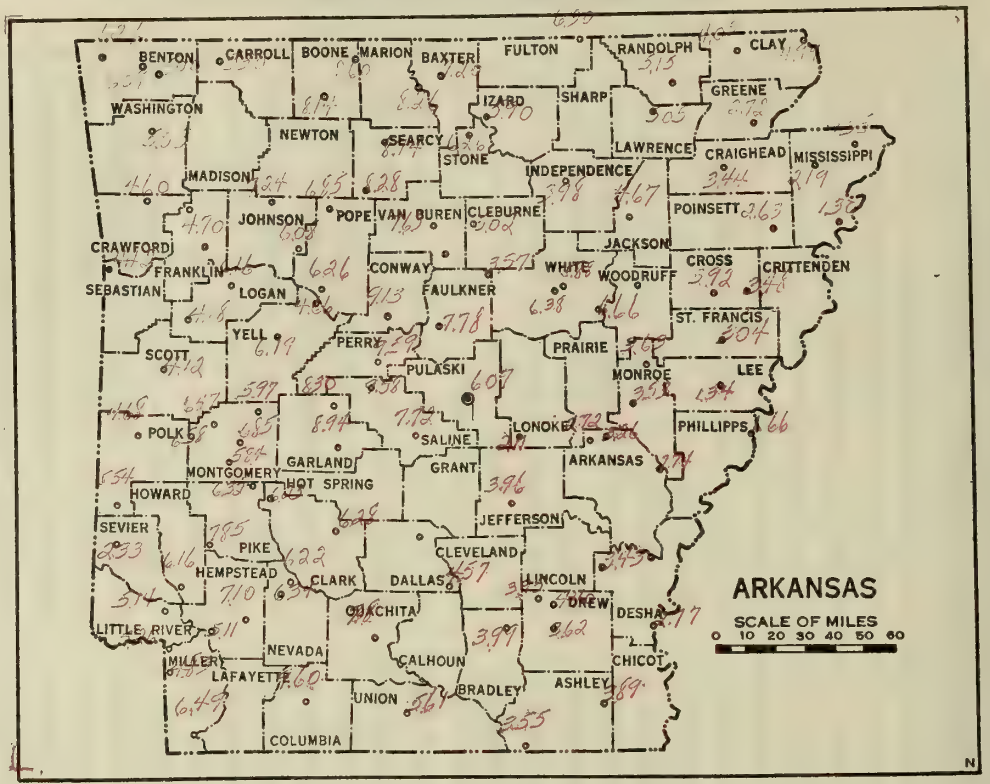
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hope §§	Maximum	75	82	70	60	78	71	49	57	60	65	69	74	69	66	69	81	81	66	63	66	66	61	54	40	49	42	48	58	60	64		63.8
	Minimum	45	59	59	48	39	40	38	26	28	29	31	40	55	38	32	33	49	64	31	31	33	36	34	28	15	16	15	20	22	28		35.4
Hot Springs	Maximum	80	79	75	60	75	68	63	53	57	64	68	72	68	57	57	79	75	72	60	69	67	61	51	38	44	41	43	56	60	63		62.5
	Minimum	54	56	60	47	42	54	36	27	31	42	44	51	50	36	34	43	48	50	32	38	39	46	87	28	21	26	18	26	36	48		40.0
Jonesboro	Maximum	81	80	79	73	76	74	66	53	56	69	77	74	68	63	66	67	68	71	57	70	67	56	39	41	38	40	39	54	63	66		63.0
	Minimum	47	50	59	48	40	48	37	28	27	28	37	49	50	33	32	47	54	49	34	35	38	37	32	29	20	28	16	23	33	37		37.5
Lead Hill	Maximum	74	80	74	59	77	72	50	46	49	57	64	73	68	64	64	51	68	69	61	52	68	66	38	34	39	37	41	46	67	55		58.8
	Minimum	42	55	56	43	33	48	32	22	24	28	34	55	44	23	24	44	29	44	24	26	28	34	31	20	15	17	8	14	20	22		31.3
Little Rock.***	Maximum	80	79	78	58	76	73	60	52	56	66	72	72	66	57	64	79	76	73	57	68	67	56	40	36	42	41	39	55	62	65		62 2
	Minimum	58	58	57	49	44	55	35	31	34	37	46	54	47	42	38	56	53	46	37	38	42	40	35	27	22	26	22	24	33	36		40.7
Little Rock [Airway]	Maximum	82	82	78	76	76	73	68	56	57	68	74	72	66	64	68	81	76	75	68	68	68	66	50	40	44	44	44	57	65	68		65.8
	Minimum	50	53	65	50	38	51	38	28	28	29	39	39	47	33	30	48	46	51	37	33	35	47	36	30	19	23	17	20	30	34		37 5
Lutherville	Maximum	83	89	75	57	74	67	62	52	57	65	68	86	68	59	65	76	67	70	57	64	66	62	45	35	36	36	41	55	62	65		62.1
	Minimum	56	55	57	43	40	56	34	25	31	35	44	51	50	33	34	55	44	48	28	36	40	42	34	21	69	23	14	20	25	35		37.6
Magnolia	Maximum	89	83	..	..	80	..	62	55	62	70	76	79	77	70	73	83	83	81	60	70	71	67	63	46	50	47	46	59	..	71		67.8
	Minimum	56	58	..	..	48	..	39	28	30	33	42	52	63	42	39	60	63	..	33	30	41	49	41	32	20	23	17	24	32	40		39.8
Mammoth Spring	Maximum	83	80	77	74	74	73	66	53	60	67	77	67	64	63	67	74	63	67	57	70	66	60	36	36	29	34	39	56	66	68		62.2
	Minimum	41	56	65	45	35	53	34	24	23	25	53	56	47	24	24	47	31	48	27	27	33	36	32	24	14	20	9	13	20	24		33.7
Marianna	Maximum	79	80	80	76	74	74	75	52	57	66	73	75	71	71	66	75	76	75	58	68	68	66	54	44	44	45	53	53	63	66		65.9
	Minimum	48	57	65	55	42	42	43	29	25	26	40	49	36	36	29	47	56	54	39	35	35	47	36	32	18	27	16	24	32	36		38.5
Marked Tree§§	Maximum	81	80	80	63	75	78	70	53	60	67	76	76	62	63	65	67	72	61	55	71	67	55	38	40	42	42	38	53	64	68		62.7
	Minimum	45	49	55	58	41	48	49	27	25	26	34	46	50	30	25	28	49	56	35	31	32	41	32	30	17	22	12	17	26	30		35.5
Mena	Maximum	81	81	72	62	76	68	51	56	62	66	64	73	66	60	70	79	77	72	62	68	68	59	44	35	45	37	48	59	61	64		62.9
	Minimum	59	61	55	41	41	51	31	25	29	33	49	54	51	33	34	56	47	47	30	38	45	37	28	22	18	21	19	27	33	40		38.5
Monticello	Maximum	84	82	82	75	80	82	70	65	56	64	75	72	66	68	68	74	80	76	56	68	70	68	50	44	46	46	41	52	55	70		66.2
	Minimum	54	54	64	52	50	58	40	30	31	34	40	50	60	41	38	50	64	46	38	39	43	50	38	31	28	26	18	20	32	39		41.9
Morrilton§§	Maximum	80	80	78	77	75	74	73	71	70	70	69	73	75	73	72	77	75	73	72	70	67	65	65	64	63	63	61	60	64	68		70.6
	Minimum	44	56	65	52	41	45	40	27	29	31	33	46	40	32	32	33	42	45	34	34	39	43	34	26	19	21	19	19	23	29		35.8
Mountain Home	Maximum	84	83	75	75	75	72	63	60	61	68	77	72	67	64	65	76	71	68	60	72	67	54	37	30	38	35	41	62	67	70		63.6
	Minimum	48	60	55	40	35	54	31	23	25	29	39	52	45	26	27	47	33	44	28	30	37	35	29	20	15	22	13	15	27	28		33.7
Mt. Ida	Maximum	82	81	76	67	77	71	62	58	62	68	61	76	70	59	69	83	77	76	73	70	70	60	50	40	48	42	48	64	66	69		65.8
	Minimum	49	59	55	45	32	52	35	20	22	23	40	48	54	25	23	47	36	49	29	25	32	40	34	24	11	14	9	13	18	23		32.9
Newport	Maximum	81	79	77	77	77	74	65	56	59	67	74	71	70	63	65	73	70	76	58	70	67	60	45	37	40	42	40	55	63	67		63.9
	Minimum	46	53	65	51	41	41	41	25	27	27	38	51	54	30	27	44	45	50	35	31	37	43	34	30	19	25	13	18	31	35		36.9
Oden***	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Okay	Maximum	82	84	82	65	80	84	74	59	63	69	72	78	75	66	72	83	83	82	67	74	72	69	56	46	75	49	54	60	65	71		70.4
	Minimum	58	60	58	46	40	51	41	24	28	30	33	39	54	33	32	61	77	53	30	30	32	44	32	27	15	16	15	17	22	28		37.5
Ozark	Maximum	82	78	74	59	83	68	53	54	59	65	68	70	68	67	62	78	80	56	58	65	68	58	49	48	37	38	45	57	64	60		62.4
	Minimum	56	65	56	45	38	51	33	25	30	38	40	54	35	30	31	52	41	42	43	30	34	43	34	22	19	21	15	18	23	28		36 4
Paragould	Maximum	79	78	79	74	72	74	69	55	54	64	74	74	68	59	63	65	67	69	54	63	64	60	40	39	39	38	35	49	60	63		61.4
	Minimum	42	47	61	50	40	45	41	27	26	25	35	46	53	31	27	48	56	52	36	31	33	39	33	31	19	27	17	19	29	31		36.6
Pine Bluff	Maximum	88	84	82	77	81	77	68	56	66	71	77	74	67	63	64	81	81	75	61	74	71	62	54	43	49	49	44	58	65	69		67.7
	Minimum	58	55	67	54	45	53	39	29	31	31	42	50	55	40	39	53	56	53	38	36	37	48	38	32	19	25	17	23	34	39		41.2
Pocahontas	Maximum	80	80	79	75	75	74	68	55	59	65	73	71	69	62	65	77	68	70	58	68	67	61	41	41	36	41	40	52	64	66		63.4
	Minimum	45	51	65	50	38	48	39	28	27	27	38	45	50	30	29	41	41	50	34	31	37	39	33	29	18	28	18	18	29	29		36.2
Portland	Maximum	81	84	84	78	78	80	71	53	59	70	77	76	75	67	71	81	84	77	60	72	71	75	50	44	50	50	42	55	66	70		68.4
	Minimum	50	49	61	51	42	45	44	27	27	25	33	47	55	39	32	50	60	59	39	30	31	39	38	31	18	19	16	16	24	30		37.5
Prescott	Maximum	80	84	80	66	80	75	67	57	63	69	74	78	71	67	71	83	82	80	65	74	74	64	61	44	50	47	46	60	65	70		68.2
	Minimum	55	55	64	49	40	57	39	27	30	31	40	46	61	39	35	57	52	54	34	35	35	45	41	29	17	24	18	21	29	32		39.7
Rogers	Maximum	80	77	74	55	75	70	41	54	63	67	75	67	66	65	64	72	75	72	58	70	67	62	32	33	40	37	40	60	62	65		61.3
	Minimum	57	62	54	40	41	40	30	22	25	34	47	59	40	25	27	52	33	44	23	29	44	28	29	17	17	21	10	18	38	43		35.0
Russellville [Evap]	Maximum	85	82	78	59	77	74	64	56	60	69	70	77	77	61	67	79	77	74	62	71	69	66	49	40	39	39	45	60	69	68		65.4
	Minimum	48	59	57	48	38	59	38	26	28	31	38	42	53	30	30	47	41	52	32	31	33	45	37	21	20	22	15	18	22	26		36.2
St. Charles§§	Maximum	80	82	82	62	76	77	65	54	59	68	75	74	63	65	69	79	79	74	57	70	68	65	39	42	46	45	40	53	62	67		64.6
	Minimum	49	52	57	53	43	47	54	28	28	29	32	47	51	35	32	36	58	66	38	32	40	40	35	31	19	23	16	20	25	37		38.4
Searcy	Maximum	81	82	80	75	76	74	66	57	61	69	74	74	67	62	67	77	70	72	61	71	68	59	46	42	42	45	44	58	66	69		65.2
	Minimum	47	50	66	47	38	47	41	27	28	28	37	45	53	32	29	44	44	52	34	32	33	44	35	29	19	21	15	18	24	28		36.2
Stuttgart	Maximum	84	83	84	76	78	76	69	55	61	75	78	73	66	66	69	81	79	73	56	71	69	62	53	41	49	46	41	56	65	69		66.8
	Minimum	51	50	63	52	42	47	39	26	28	28	37	45	53	36	30	49	55	53	36	33	35	42	35	27	17	21	13	19	24	31		37.2
Stuttgart Evap. §§	Maximum	82	83	82	60	77	76	64	54	59	67	74	72	64	63	70	80	79	73	57	70	68	63	39	41	41	45	40	55	63	68		64.3
	Minimum	44	54	57	53	43	50	62	28	28	28	33	48	54	37	30	34	54	64	37	32	37	45	36	82	18	22	14	20	25	31		38.3
Subiaco	Maximum	84	83	76	59	78	73	54	54	62	70	72	73	66	62	66	77	78	76	59	72	72	66	47	36	38	37	42	59	67	68		64.2
	Minimum	52	62	55	44	37	51	34	27	29	32	41	51	51	32	32	50	44	48	32	32	41	41	34	22	19	23	18	18	27	31		37.0
Texarkana	Maximum	83	84	76	67	81	74	64	59	64	71	75	79	74	72	75	85	84	77	67	72	73	65	51	44	52	52	50	62	66	72		69 0
	Minimum	59	59	58	47	46	59	38	27	31	35	47	52	62	40	38	62	54	52	33	34	40	46	30	26	20	25	19	24	31	41		41.2
Thornburg	Maximum	80	80	74	59	75	70	63	55	61	68	68	77	68	61	70	80	73	73	61	70	67	60	48	38	43	41	46	61	66	67		64.1
	Minimum	58	56	55	46	41	55	35	25	23	26	41	55	52	24	25	48	36	48	33	28	32	43	35	25	12	12	19	14	40	35		35.9
Turnpike	Maximum	76	73	68	55	68	63	59	52	54	60	68	70	62	56	61	74	64	65	56	66	62	55	41	30	30	30	39	52	58	60		57.6
	Minimum	58	56	52	37	41	55	30	25	35	39	48	54	41	37	43	50	53	41	29	41	44	32	25	17	19	20	15	27	37	42		38.1
Waldron	Maximum	83	81	78	62	79	70	51	58	65	69	71	73	..	64	70	80	..	76	..	..	72	67	46	.	..	..	..	67	68	67		69.0
	Minimum	51	64	55	45	37	48	34	23	26	32	47	62	.	29	29	55	..	50	..	..	28	37	31	..	..	..	..	12	25	37		39.0
Warren	Maximum	82	84	82	78	78	79	72	50	61	69	76	74	75	67	71	80	82	78	59	62	70	70	65	43	49	47	43	56	63	..		67.8
	Minimum	54	64	66	51	44	48	38	29	28	29	37	47	49	40	34	53	64	54	31	32	34	44	35	31	19	23	17	22	31	..		39.6
White Rock	Maximum	75	74	68	53	70	65	55	61	55	60	63	64	62	55	59	75	71	65	55	63	63	58	37	30	31	31	41	52	57	59		57.6
	Minimum	58	58	50	36	45	45	25	22	37	38	49	53	42	39	43	50	54	40	32	43	43	32	25	13	18	20	17	27	38	39		37.7
Wilson	Maximum	76	82	75	72	73	85	77	59	60	70	77	66	66	73	67	66	70	70	72	71	70	68	68	60	54	42	36	36	63	63		66.2
	Minimum	60	52	58	43	49	45	40	28	28	27	43	40	48	30	28	48	50	45	36	34	42	40	32	30	19	27	18	14	14	40		36.9
Wynne	Maximum	82	83	82	75	77	76	70	55	60	69	77	75	68	63	70	71	72	75	58	71	70	60	52	44	45	45	40	56	65	68		65.8
	Minimum	55	56	63	53	45	51	50	25	27	28	42	51	52	33	27	48	52	58	35	35	43	45	34	31	17	24	14	21	35	35		39.5

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for November, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.255	.059	201	....	.159	.182	....	.202	.042	.087	.113	.056	.078	.114	.032	.186	.144	.182	.172	.093	.117	.094	.096	....	.078	*	*	.390	.134	.010		3.640
	Mean tem.	60	70	64	54	58	56	44	42	44	47	50	57	62	52	50	57	65	65	47	48	50	48	44	34	32	29	32	39	41	46		49.6
	Wind move	25	51	100	92	82	38	81	73	21	11	22	33	43	35	16	39	78	93	80	28	18	35	49	48	98	15	27	41	47	26		1445
Russellville [Ozark Nursery]	Evap.	.132	.200	218	....	.106	.048	...	.060	.068	.118	.104	.024	.126	.088	.052	.086	.048	.106	.100	.068	.119	.104	.056	.068	.062	.046	.050	.032	036	.052		2.537
	Mean tem.	56	71	68	54	58	66	51	41	44	50	54	60	65	46	48	63	59	63	47	51	51	56	43	30	30	30	30	39	46	47		50.8
	Wind move	40	70	101	70	31	36	107	50	15	23	27	40	52	8	7	21	22	84	21	46	28	40	51	55	47	62	34	2	4	26		1720
Stuttgart [Rice Exp. Farm]	Evap.	.107	.168	.173	.201	.082	.150	.128	*	*	*	.289	.099	.043	.079	*	.127	.048	.075	.104	.057	.069	.110	.046	...	..	....	..	....	....	....		2.811
	Mean tem.	63	68	70	56	60	63	63	41	44	48	54	60	59	50	50	57	66	68	47	51	52	54	38	36	30	34	27	33	44	50		51.3
	Wind move	39	94	160	219	92	94	85	154	30	22	46	51	105	40	22	48	57	113	176	32	29	57	75	115	30	34	102	19	61	59		2260

Precipitation for November, 1938



Daily River Stages for November, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	....	....	....	....	....	....	5.0	5.2	5.3	5.6	7.0	7.4	6.8	6.3	6.2	6.0	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	5.0	....	....	....	....	....	
Van Buren	do	22	3.4	3.4	3.4	3.6	3.5	3.6	3.8	4.2	4.4	4.5	5.9	6.3	5.7	5.3	5.2	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.9	3.9	3.8	3.9	3.7	3.8	3.7	
Danville	Petit Jean	20	1.6	1.6	1.6	3.3	6.3	3.4	6.3	17.1	14.4	7.8	5.0	4.3	3.8	3.5	3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	
Ozark	Arkansas	22	-0.3	-0.3	-0.4	-0.4	-0.2	-0.2	0.0	0.2	0.3	0.4	0.6	1.9	1.9	1.3	1.1	1.0	0.9	0.7	0.6	0.6	0.6	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	
Dardanelle	do	22	1.7	1.6	1.6	2.2	2.0	2.0	2.6	4.8	3.5	3.1	3.2	3.3	4.7	4.8	4.3	3.9	3.8	3.6	3.3	3.2	3.1	2.9	2.1	2.6	2.4	2.4	2.2	2.2	2.2	2.2	
Morrilton	do	20	-2.9	-3.0	-3.2	-2.3	-1.7	-2.0	-0.5	1.2	1.4	0.8	0.5	0.2	0.6	1.4	1.0	0.2	-0.3	-0.4	-0.7	-0.9	-1.0	-1.2	1.4	-1.8	-1.9	-2.0	-2.1	-2.2	-2.2	-2.3	
Little Rock	do	23	-0.3	-0.3	-0.3	0.1	0.2	0.6	0.7	2.0	3.7	3.6	2.8	2.4	2.0	2.0	2.6	2.4	1.9	1.5	1.6	1.4	1.3	1.2	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2	
Pine Bluff	do	25	3.3	3.3	3.2	3.3	3.6	3.7	4.1	4.6	5.5	6.7	6.9	6.3	5.8	5.5	5.5	5.9	5.8	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	
Gilbert	Buffalo	30	2.3	2.3	2.3	3.9	4.0	3.7	7.2	6.3	4.9	4.3	4.0	3.8	3.5	3.3	3.0	3.0	2.9	2.9	3.1	3.1	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	
Doniphan, Mo.	Current	16	2.2	2.3	2.3	2.3	2.3	2.4	2.5	2.6	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	
Black Rock	Black	14	1.4	1.4	1.4	1.6	2.5	2.2	2.5	2.6	2.6	2.5	2.7	2.9	2.7	2.5	2.3	2.3	2.2	2.6	3.3	2.8	2.6	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	
Judsonia	Little Red	30	1.0	0.9	0.8	1.0	1.6	1.5	4.9	5.9	18.0	16.8	16.6	15.3	13.8	12.2	10.6	9.2	7.6	6.0	6.7	6.2	6.2	5.4	6.4	6.1	5.7	5.3	4.8	4.5	4.3	3.9	
Ozark Beach Mo	White	30	-0.7	-0.7	-0.7	1.0	-0.7	1.1	4.6	4.8	5.2	4.6	4.4	1.7	1.2	0.5	0.1	-0.7	1.4	0.4	0.4	0.9	0.2	-0.4	-0.6	-0.7	-0.7	-0.5	0.8	-0.7	-0.7	-0.6	
Cotter	do	21	2.5	2.5	2.5	3.5	5.1	5.8	9.2	10.8	8.8	7.0	6.8	6.5	5.8	4.8	4.5	4.5	4.5	4.1	4.1	4.0	4.5	4.7	4.7	4.7	4.7	4.0	3.6	3.5	3.5	3.5	
Calico Rock	do	18	-0.2	0.0	0.0	0.9	3.9	5.7	5.8	13.7	9.3	6.3	5.7	4.7	3.9	2.8	2.4	2.1	2.0	2.0	2.0	2.9	2.0	2.0	2.0	1.7	1.7	1.5	1.3	1.3	1.4	1.0	
Batesville	do	23	4.6	4.5	4.6	5.0	6.2	9.5	10.6	18.3	18.9	13.8	11.8	10.9	10.0	8.9	8.1	7.7	7.4	7.2	7.0	7.2	8.4	7.5	7.0	7.2	6.7	6.6	6.3	6.1	6.1	6.2	
Newport	do	26	0.0	0.1	0.1	0.1	0.7	2.4	5.3	6.5	14.7	14.8	11.7	9.4	7.7	6.4	4.9	4.0	3.5	3.4	3.6	3.7	3.6	4.0	3.4	3.0	1.9	2.5	2.2	1.8	1.6	1.6	
Georgetown	do	21	0.5	0.5	0.4	0.5	0.6	0.7	0.5	4.3	10.0	14.6	15.2	14.4	13.0	11.8	10.1	9.0	7.4	6.4	6.0	5.6	5.6	5.6	5.7	5.5	5.3	4.8	4.4	4.0	3.7	3.4	
Clarendon	do	26	6.7	6.7	6.6	6.8	6.8	6.8	6.9	7.2	8.8	12.2	15.8	17.4	18.2	18.4	18.2	17.6	16.8	15.7	14.7	13.8	13.1	12.7	12.5	12.5	12.4	12.1	11.8	11.5	11.1	10.8	
St. Charles	do	..	7.4	7.4	7.3	7.5	7.5	7.5	7.5	7.5	8.2	10.2	13.7	14.4	15.3	15.9	16.0	15.8	15.5	14.8	14.5	14.0	13.5	13.0	12.7	12.6	12.5	12.3	12.0	11.8	11.5	11.2	
Arkadelphia	Ouachita	17	4.1	4.3	4.4	5.6	7.8	5.4	7.7	10.4	8.6	8.2	7.9	7.8	5.6	4.7	5.6	6.6	7.2	7.4	8.6	7.0	5.0	4.1	7.0	7.2	4.7	5.7	5.7	4.3	6.4	6.5	
Boughton	Little Mo.	20	3.2	3.2	3.2	3.2	3.3	3.4	4.5	7.6	8.6	7.4	7.0	5.1	4.6	4.5	4.2	4.2	4.1	3.9	3.8	4.2	4.3	4.2	4.4	4.3	4.2	3.6	3.6	3.5	3.4	3.4	
Camden	Ouachita	26	4.2	3.8	3.9	4.8	5.2	6.1	7.3	6.3	10.7	12.7	11.8	11.3	9.8	9.0	6.7	5.5	5.4	5.9	7.1	8.3	8.2	6.8	5.4	5.4	6.1	6.8	5.6	4.8	4.4	4.4	
Benton	Saline	..	3.0	3.0	3.1	4.4	8.7	9.0	9.4	17.0	9.5	7.8	7.0	6.5	6.2	6.0	5.7	5.5	5.4	5.6	6.0	6.6	6.5	5.9	5.7	5.5	5.4	5.3	5.0	4.7	4.5	4.3	
Whitecliffs	Little River	25	0.5	0.5	0.5	1.0	1.0	0.5	0.5	1.0	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Index	Red	25	5.2	5.2	5.2	5.2	5.2	5.4	5.7	5.7	5.6	5.5	5.6	5.6	6.3	7.3	5.3	5.4	5.4	5.8	6.2	6.2	6.1	6.0	5.8	5.6	5.6	5.5	5.4	5.3	5.2	5.2	
Fulton	do	25	3.5	3.5	3.5	3.8	3.7	3.6	4.0	4.4	4.6	4.6	4.5	4.3	4.2	4.1	3.9	3.9	3.9	3.9	4.1	4.5	4.6	4.5	4.3	4.1	4.0	4.0	4.0	3.9	3.8	3.7	
Big Lake Outl't	St. Francis	10	3.1	3.1	3.1	3.0	3.2	3.2	3.2	3.3	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.5	3.5	3.5	3.6	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	
St. Francis	do	18	2.7	2.6	2.6	2.6	2.8	2.9	3.0	3.2	3.3	3.3	3.4	3.6	3.8	3.9	4.0	4.1	4.1	4.5	5.0	5.9	6.3	5.7	5.1	4.8	4.6	4.3	4.0	3.8	3.6	3.4	
St. Francis L.L.	do	..	19.3	19.3	19.3	19.3	19.4	19.4	19.4	19.5	19.5	19.5	19.4	19.4	19.4	19.3	19.3	19.4	19.4	19.4	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	
Marked Tree	do	17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Parkin	do	28	0.9	0.9	0.9	0.9	1.0	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Madison	do	32	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.7	0.8	1.2	1.0	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	
Helena	Mississippi	42	4.2	4.1	4.2	4.7	4.7	4.2	3.8	3.7	3.7	3.7	4.2	5.0	5.8	6.7	7.5	7.9	8.2	8.8	9.5	9.4	9.3	9.8	10.8	12.0	13.6	15.1	15.8	16.2	16.3	16.1	
Arkansas City	do	42	1.2	1.0	0.9	0.9	1.1	1.3	1.2	0.9	0.6	0.6	0.8	1.5	2.4	3.0	3.6	4.4	4.9	5.2	5.6	5.9	6.0	5.8	5.7	6.2	6.9	8.2	9.4	10.0	10.4	10.5	

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters ^{a},^{b},^{c}, number of days missing. †Also on other dates. ‡‡P. (addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkan Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; Whi Rock, Cass. Precipitation for 24 hours ending near sunset unless otherwise indicated. ***24 hours ending midnight. ‖‖ 24 hours ending 7 a. m. *Included in ne measurement. Italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipit tion with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are f the period to 1935, inclusive.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

OL. XLIII Little Rock, Ark., December, 1938 No. 12

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Temperatures averaged above normal over most of the State xcept in the following counties: Ashley, Baxter, Boone, Hemp- ead, Monroe and Poinsett. The average temperature for the ionth, based on the reports of 70 stations, was 43.6°, which 0.9° above the 48-year average. Monthly means ranged from 8.4° at Lead Hill in Boone County to 49.0° at Magnolia in olumbia County. The highest temperatures occurred during ie first eleven days of the month, the highest recorded being 2° at Arkadelphia on the 1st, 2d, and 10th. The lowest mperatures were reported during the last week of the month, ie lowest being 6° at White Rock on the 27th. The greatest aily range was 54° at Arkadelphia on the 10th.

Precipitation for the month was 69% of the average, and was elow normal over most of the State except at the following ations: Index, Lutherville, and Prescott. The average Precipi- ation for the month, based on the reports of 105 stations, was .93 inches, which is 1.33 inches below the 48-year average. 'his was the dryest December since 1930. Monthly amounts anged from 0.66 inch at Fayetteville to 6.11 inches at Lutherille. Heavy rains were reported at many stations on the 3d nd 23d, and frequent showers over the State the latter part of ie month. The greatest amount of rainfall reported for any 4-hour period was 4.60 inches, at Lutherville on the 3d. The verage snowfall for the month was a Trace. The average umber of days with .01 inch or more precipitation was 7.

The weather was favorable for farm activity the first part of ie month, but the work was somewhat retarded by the wet nd cold weather the latter portion. Winter grains, pastures, nd winter truck were in good condition at the end of the month.

The rivers in the State were at low stages all month.

O.D.N.

Corrections

Boughton, total precipitation on page 69 should be 4.66 inches. Stuttgart Evaporation November 30, accumulation for 7 days should be .319; Monthly evaporation 2.474. December 1, should be .046; Monthly evaporation 1.743.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.	.	.	.	2	.	.	3	.	1	1	6	.	.	1	8	7	10	1	1	.	.	2	1	.
Light Hail	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.		.	.	.	.	.	.	.		.	.	.	.	.	.	.
Moderate Hail	.	.	.	.	.		.	.	.	.	.	.	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.
Thunderstorm	.	16	7	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.14	30.73	27	29.74	4	7.0	21	s	2	..	..	..	61
Fort Smith	30.14	30.72	27	29.77	26	7.6	24	n	8	74	56	55	53
Little Rock	30.14	30.65	27	29.75	26	8.4	27	nw	8	72	60	56	51
Memphis	30.13	30.64	28	29.68	26	8.0	22	nw	26	69	53	59	41

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.9	72	13	4.69	......	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1.3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0 7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3 2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.8	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	18	4	14
1920	43.2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41.4	86	− 8	3.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.15	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0 9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41.5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.82	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	43.6	82	6	2.93	T.	7	13	7	11
Period	42.7	88	−21	4.26	1.2	8	12	6	13

Climatological Data for December, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	2	43.2	.....	71	11†	12	28	40	2.99	......	1.18	0.0	5	13	9	9	e	L. R. Water Works
Amity	Clark	500	43	43.0[a]	+ 0.1	75[a]	11	13[a]	28	43[b]	4.19	+0.02	1.98	0.0	6	..	..	..	......	J. W. Campbell
Arkadelphia	Clark	200	43	45.8	......	82	1†	15	28	54	4.21	−0.67	1.62	0.0	7	15	7	9	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	54	......	......	......	......	......	......	......	2.88	−3.10	1.06	0.0	9	14	0	17	......	Herbert Neff
Batesville Airway.	Independence	363	2	43.3	+ 3.3	71	11	13	28	35	1.87	......	0.54	0.0	9	14	8	9	n.	Airway Observer
Batesville	Independence	277	39	......	......	......	......	......	......	......	2.01	−1.91	0.65	0.0	8	14	12	5	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	46	42.4	+ 0.4	70	11	13	28	36	2.10	−2.07	0.90	0.0	6	15	8	8	n.	J. E. Scanlan
Benton	Saline	285	3	41.0	......	74	11	10	28	49	4.51	......	1.93	0.0	10	13	5	13	ne.	S. A. Burks
Bentonville	Benton	1295	33	40.1	+ 2.1	65	2	11	27	30	1.07	−1.31	0.32	0.3	8	13	7	11	s	U. S. Weather Bureau
Big Lake Outlet. ‡‡	Mississippi	239	8	......	......	......	......	......	......	......	2.54	......	0.90	0.7	9	12	3	16	......	C. J. Brooks
Black Rock	Lawrence	259	37	......	......	......	......	......	......	......	2.12	−1.98	0.49	0.0	8	19	2	10	n.	Vernon C. Howe
Blytheville	Mississippi	252	13	41.0	− 1.6	70	11	17	28	32	2.66	−1.68	1.11	T.	8	17	7	7	n.	Samuel Norris
Booneville	Logan	465	24	45.0	+ 1.2	70	11	14	28	44	2.16	−0.88	1.20	0.0	5	10	13	8	w.	F. H. Randolph
Boughton ‡‡	Clark	235	3	......	......	......	......	......	......	......	4.66	......	1.25	0.0	6	13	2	16	......	Harry J. Buie
Brinkley	Monroe	205	11	43.2	− 0.6	75	11	15	28	37	3.21	−1.90	1.50	0.0	8	14	1	16	ne.	R. J Torry
Calico Rock	Izard	361	34	......	......	......	......	......	......	......	2.80	−0.78	1.93	0.0	8	10	6	15	......	William Jones
Camden	Ouachita	116	53	46.9	+ 1.9	76	11†	16	28	44	4.50	−0.67	1.58	0.0	8	14	6	11	s.	J M. Knight
Carthage	Dallas	297	33	......	......	......	......	......	......	......	..	......	..	...	..	..	..	..	......	P. K. Wylie
Clarendon	Monroe	172	34	......	......	......	......	......	......	......	3.13	−1.92	0.85	0.0	9	10	8	13	n.	R. M. Wheatley
Clinton	Van Buren	516	17	......	......	......	......	......	......	......	2.09	−1.90	0.82	0.0	7	14	6	11	w.	A L. Stephens
Conway	Faulkner	309	55	44.8	+ 2.0	75	11	15	28	40	3.68	−0.66	1.66	0.0	7	16	7	8	w.	E. E Cordrey
Corning	Clay	293	45	41.0	+ 1.1	71	1†	13	28	36	3.17	−0.70	1.64	0.0	7	16	4	11	w.	Winfred D. Polk
Cotter	Baxter	440	11	......	......	......	......	......	......	......	2.47	−0.83	1.57	T.	6	19	1	11	......	O. B. McSpadden
Crosset (near)	Ashley	175	26	45.7	− 0.9	79	11	10	28	46	1.95	−4.11	0.72	0.0	6	12	7	12	s.	U. S. Forest Service
Danville	Yell	327	22	......	......	......	......	......	......	......	2.27	−1.22	0.96	0.0	7	12	12	7	......	J. M. Patterson
Dardanelle	Yell	330	52	44.2	+ 1.8	74	11	16	28	37	2.44	−1.13	1.10	0.0	9	8	13	10	n.	Geo. N. Goodier
De Queen	Sevier	426	3	45.1	......	75	11	16	28	40	1.33	......	0.54	0.0	7	11	6	14	se.	E. B. Smith
Devils Knob ‡‡	Johnson	2350	2	39.8	......	60	11	7	27	42	2.22	......	1.27	T.	9	16	4	11	nw.	U. S. Forest Service
Dumas	Desha	162	33	46.4	− 0.2	77	11	18	28	41	2.51	−3.78	0.58	0.0	10	6	16	9	sw.	Ben Johnson
El Dorado	Union	270	38	47.8	+ 1.0	74	2	22	28	37	2.74	−3.47	1.01	0.0	6	13	4	14	e.	Mrs. E. W. Gaston
England	Lonoke	229	32	45.6	+ 1.6	76	11	18	28	38	3.38	−1.56	1.40	0.0	8	14	9	8	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	38	42.1	+ 2.3	67	2	9	27	32	1.38	−1.42	0.32	0.1	8	20	3	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	1	42.1	+ 2.1	68	2	11	27	33	0.66	......	0.22	T	8	11	10	10	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	51	41.0	+ 1.0	63	2†	11	27	31	1.23	−1.47	0.46	T	8	12	9	10	nw.	University of Arkansas
Fordyce	Dallas	275	10	45.6	......	74	12	21	27	38	4.35	......	1.65	0.0	9	10	16	5	s.	Miss Mercille McMurry
Fort Smith	Sebastain	448	57	43.6	+ 1.5	71	10	17	27	35	1. 8	−1.58	0.44	T.	6	11	13	7	e.	U. S. Weather Bureau
Ft. Smith Wtr. P. ††	Crawford	....	1	......	......	......	......	......	......	......	1.00	......	0.43	0.0	4	14	2	15	......	T. J. Wylie
Fulton	Hempstead	260	53	......	......	......	......	......	......	......	3.91	−0.31	1.35	0.0	5	10	6	15	......	T. J. Logan
Georgetown	Woodruff	200	26	......	......	......	......	......	......	......	2.65	−1.80	0.95	0.0	6	14	7	10	......	C. G. Long
Gilbert	Searcy	600	13	39.4	......	72	12	9	28	43	2.42	......	1.64	0.0	5	17	1	13	......	F. J. King
Glenwood	Pike	547	3	......	......	......	......	......	......	......	3.42	......	1.47	0.0	5	11	10	10	......	C. A. Price
Grannis	Polk	900	19	43.4	− 1.2	74	11	14	28	41	2.11	−2.77	0.65	0.0	8	12	7	12	e.	W. E. McVay
Gravette	Benton	1250	41	39.2	+ 1.0	68	2	10	27	41	1.20	−1.21	0.35	T.	5	15	14	2	sw.	Max W. Schmidt
Green Mountain. ‡‡	Stone	1100	2	43.0[a]	.....	68[a]	11	13[a]	27	29[a]	2.53	......	1.73	0.0	9	11[a]	11[a]	8[a]	nw.	U. S. Forest Service
Hankins	Drew	....	1	......	......	......	......	......	......	......	4.11	......	2.08	....	9	..	..	..	......	Soil Conservation Ser.
Harrison	Boone	1052	38	40.8	+ 2.8	70	11	12	27	37	1.80	−1.06	0.70	T.	7	19	3	9	w.	Louis R. Keck
Helena	Phillips	300	66	45.6	+ 1.0	71	1†	16	28	35	3.00	−2.43	1.10	T.	9	13	4	14	s.	James A. Burnett
Higden	Cleburne	445	19	......	......	......	......	......	......	......	2.05	−1.84	0.55	T	6	16	6	9	w.	Austin E. Cartwright
Highland	Pike	491	19	48.0	......	74	11	17	28	82	4.10	−0.16	1.60	0.0	5	8	8	15	n.	J. O. Cooley
Hope [Evap.]	Hempstead	375	68	43.4	− 3.6	75	11	17	28†	37	4.66	−0.11	1.62	0.0	6	11	9	11	ne.	Experiment Farm
Hot Springs	Garland	600	47	45.0	+ 0.9	72	11	17	28	34	4.66	−0.01	1.58	0.0	8	10	13	8	nw.	National Park Service
Index ‡‡	Little River	275	21	......	......	......	......	......	......	......	4.10	+0.39	1.85	0.0	5	22	0	9	......	W. E. McDowell
Jessieville	Garland	750	12	......	......	......	......	......	......	......	4.10	−0.48	1.60	0.0	5	12	4	15	nw.	U. S. Forest Service
Jonesboro	Craighead	345	43	42.6	+ 1.2	71	11	16	28	36	2.28	−2.35	0.84	0.0	11	9	5	17	sw.	Benedictine Sisters
Judsonia	White	220	2	......	......	......	......	......	......	......	2.74	......	1.30	0.0	5	14	4	13	......	T. H. Beals
Lead Hill	Boone	650	32	38.4	− 1.4	66	1	9	28	40	2.30	−0.39	0.91	0.0	6	18	6	7	w.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	59	44.6	+ 0.4	72	11	21	27	33	3.84	−0.80	1.14	T	10	13	4	14	nw.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	2	45.4	......	75	11	17	28	38	3.42	......	1.22	0.0	10	11	7	13	sw.	Airway Observer
Lutherville ‡‡	Johnson	775	39	42.4	+ 1.0	71	11	14	28	29	6.11	+2.17	4.60	0.0	6	12	5	14	e.	H. G. Lenhardt
Madison	St. Francis	209	8	......	......	......	......	......	......	......	3.15	......	1.10	0.0	8	9	2	20	......	J. W. Eppes
Magnolia	Columbia	315	22	49.0[b]	+ 1.0	77[b]	11	21[b]	28	37[b]	1.95	−3.34	1.25	0.0	4	7[b]	9[b]	13[b]	sw.	State Agri. School
Mammoth Spring	Fulton	600	34	39.4	0.0	68	11	9	28	40	2.75	−0.63	1.60	0.0	6	15	7	9	n.	Paul Morton
Marianna	Lee	235	27	44.9	+ 1.2	74	11†	15	28	35	2.67	−2.12	1.40	0.0	9	9	19	3	s.	C. N. Houck
Marked Tree	Poinsett	229	34	40.8	− 0.4	72	11	14	28	40	3.21	−1.43	1.41	0.0	7	9	15	7	s.	Charles Walton
Mena	Polk	1207	50	44.0	+ 1.4	71	11	16	27†	31	3.74	−0.23	2.54	T.	5	14	8	9	n.	E. W. St. John
Monticello Airway	Drew	273	2	46.0	......	75	11	19	28	26	3.09	......	1.20	0.0	9	10	10	11	sw.	Airway Observer
Monticello (near)	Drew	273	3	......	......	......	......	......	......	......	3.17	......	1.90	....	8	..	..	..	......	Soil Conservation Ser.
Montongo	Drew	....	3	......	......	......	......	......	......	......	3.38	......	1.80	....	8	..	..	..	......	Soil Conservation Ser.
Morrilton	Conway	315	19	46.4	+ 2.7	72	11	16	28	41	2.19	−1.69	1.17	0.0	4	11	8	12	n.	Mrs. Freda M. Ashcraft
Mountainburg (nea	Crawford	2010	1	......	......	......	......	......	......	......	1.21	......	0.50	T.	5	15	7	9	nw.	C. A. Lovell
Mountain Home	Baxter	800	26	40.3	− 0.1	71	11	12	19	43	2.82	−0.54	1.15	T.	7	15	2	14	w.	H. N. Halbert
Mountain Valley	Garland	273	1	......	......	......	......	......	......	......	3.37	......	1.10	0.0	7	16	4	11	s.	J. G. Scott
Mount Ida	Montgomery	702	39	43.2	+ 0.4	74	11	7	28	47	3.62	−0.48	2.12	0.0	6	13	1	17	nw.	G. A. Whittington
Newport	Jackson	231	55	42.8	+ 0.6	71	11	13	28	36	2.35	−1.86	0.98	0.0	11	13	4	14	s.	J. D. Henderson
Norman	Montgomery	687	10	......	......	......	......	......	......	......	3.01	......	1.02	0.0	5	12	1	18	s.	U. S. Forest Service
Oden	Montgomery	800	11	44.8	......	74	11	12	28	38	1.78	......	0.64	0.0	6	11	9	11	nw.	U. S. Forest Service
Okay	Howard	288	10	47.1	......	78	11	20	27†	39	4.00	......	1.38	0.0	7	14	3	14	s.	Charles R. Jackson
Ozark	Franklin	396	43	43.0	+ 1.8	68	12	16	27†	35	2.25	−0.76	1.21	0.0	6	12	5	14	e.	Orkney O. Milton
Paragould	Greene	275	15	41.6	......	69	11	16	28	35	2.12	−2.41	0.63	T.	9	13	6	12	sw.	J. E. Garrett
Parkin	Cross	222	8	......	......	......	......	......	......	......	3.21	......	1.00	0.0	7	13	3	15	......	Carroll King
Pine Bluff	Jefferson	215	51	46.9	+ 1.8	76	11	20	28	39	4.62	−0.94	2.64	0.0	10	6	14	11	nw.	Miss Theresa Sehen
Pine Ridge	Montgomery	840	14	......	......	......	......	......	......	......	1.35	−3.10	0.48	0.0	3	14	9	8	nw.	J R. Huddleston
Plantersville	Drew	....	1	......	......	......	......	......	......	......	3.84	......	1.95	....	9	..	..	..	......	Soil Conservation Ser.
Pocahontas	Randolph	300	45	42.0	+ 1.8	71	11	14	28	37	2.45	−1.58	0.95	0.0	6	12	7	12	ne.	Benedictine Sisters
Portland	Ashley	122	32	46.0	− 1.6	80	11	17	28	43	2.40	−3.77	0.77	0.0	7	10	8	13	nw.	W. E. Edmiston
Prescott	Nevada	318	50	47.4	+ 1.6	77	11	18	28	42	5.00	+0.45	1.96	0.0	6	14	5	12	w.	J. Craig Williams
Rock Springs ‡‡	Drew	....	3	......	......	......	......	......	......	......	4.05	......	1.98	...	9	..	..	..	......	Soil Conservation Ser
Rogers (near) ‡‡	Benton	1300	48	40.9	+ 1.9	77	2	10	27	37	0.89	−1.45	0.26	0.1	6	17	4	10	sw.	Carl A. Starck
Rosebud ‡‡	Faulkner	600	4	......	......	......	......	......	......	......	2.86	......	1.28	0.0	5	13	11	7	n.	G. A. Maddox
Ross	Drew	....	1	......	......	......	......	......	......	......	2.70	......	1.36	..	8	..	..	..	......	Soil Conservation Ser.
Russellville [Evap]	Pope	526	26	43.8	+ 3.3	70	11	16	28	38	2.68	−0.33	1.26	0.0	7	21	0	10	nw.	U. S. Forest Service
St. Charles	Arkansas	175	5	43.2	......	75	11	15	28	39	3.08	......	1.08	0.0	9	15	3	13	n.	U. S. Biological Survey
St. Francis	Clay	290	11	......	......	......	......	......	......	......	3.07	−1.30	0.78	T.	9	18	4	9	......	A Boyce Boyd, Jr.
Searcy	White	245	28	43.4	+ 0.6	73	11	15	28	41	2.94	−1.30	1.28	0.0	11	15	1	15	nw.	Walter A. Smith
Springbank ‡‡	Miller	240	29	......	......	......	......	......	......	......	3.78	−1.14	1.28	0.0	6	13	0	18	......	Henry Field
Story	Montgomery	650	14	......	......	......	......	......	......	......	1.76	−3.33	0.70	0.0	4	19	4	8	n.	S. C Story
Stuttgart	Arkansas	214	51	45.4	+ 1.4	78	11	16	28	36	4.13	−0.99	1.25	0.0	9	18	4	9	se.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	3	43.0[a]	......	75[a]	11	22[a]	27	46[b]	4.05	......	1.28	0.0	8	..	..	..	......	Rice Experiment Sta.
Subiaco	Logan	750	41	43.6	+ 0.9	73	11	15	28	37	3.03	−0.24	1.06	0.0	8	17	6	8	se.	New Subiaco Abbey
Texarkana	Miller	332	53	48.8	− 3.1	78	11	21	27†	35	4.20	−0.15	1.60	0.0	4	15	1	15	n.	H. S. Brashear

Climatological Data for December, 1938

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Thornburg	Perry	650	18	43.0	+ 1.9	72	11	8	28	45	3.24	−0 74	1.17	0	9	14	3	14	s.	Edward E. Holmes
Turnpike ‡‡	Pope	2240	14	40.7	......	64	11	10	27	27	3.22	−1.03	1.70	T.	9	14	10	7	ne.	U. S. Forest Service
Underwood	Drew	....	1	....	......	......	....	....	......	......	....	......	......	......	..	....	....	......	......	Soil Conservation Ser.
Waldron	Scott	675	19	....	......	......	....	15	28	......	2.98	−0.65	1.78	0	6	12^{g}	4^{g}	8^{g}	sw.	Wilson Ferguson
Warren	Bradley	206	44	47.2	+ 2.0	76	11	18	28	40	3.29	−2.64	1.56	0	6	9	9	13	nw.	C. N. Turner
Whitecliffs	Little River	290	32	....	......	......	....	....	......	......	3.42	−0.60	1.80	0	3	18	2	11	......	L. M. Snead
White Rock ‡‡	Franklin	2285	2	40.8	......	63	11	6	27	31	2.06	.....	1.04	T.	6	19	6	6	nw.	U. S. Forest Service
Wilson	Mississippi	237	13	....	......	......	....	15	28	......	....	......	....	0	..	17	5	9	n.	D. O. Anderson
Witt Springs	Searcy	1953	1	....	......	......	....	....	......	......	3.79	......	3.05	T.	3	16^{a}	0^{a}	14^{a}	sw.	E. M. Duncan
Wynne	Cross	167	14	44.6	+ 2.6	74	11	15	28	35	2.98	−1.87	1.25	0	8	12	7	12	s.	W. E. Barton
State Means				43.6	+ 0.9	82	1†	6	27	54	2 93	−1.33	4.60	T.	7	13	7	11	nw.	

Daily Precipitation for December, 1938

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita		T.	1.18					T.		T.								T.				.05	1.09			.55			.12			2.99
Amity ‖‖	Ouachita			.83																		.57		1.98	.22		.47	.12					4.19
Arkadelphia ‖‖	Ouachita			1.62																		.56		.88	.39		.50	.19		T.	.07		4.21
Arkansas City ‖‖	Mississippi		T.	.22						.07		T.	T.		T.				.24			.48		.10	1.06	T.	.56	.05			.10		2.88
Batesville Airway	White			.52					.12			T.						.11			.01	.19	.03	.24			.54			.11			1.87
Batesville River ‖‖	White			.65						.10		T.						.07				.25		.27			.35	.23		09			2.01
Bee Branch	Arkansas			90					T.									.10			.10		T.	.50			.40			.10			2.10
Benton ‖‖	Saline			1.93						.07								.04				.44		1.14	.21		.49	.09		.04	.06		4.51
Bentonville ***	Arkansas		.25	.03					T.								.11	.01			.09		.32			.02	24						1.07
Big Lake Outlet ‖‖	St. Francis			.90						.15								.09				.12		.73	.08		.22	.18			.07		2.54
Black Rock ‖‖	White			.42						.15								.08				.14	.49	49			.25	.10		T			2.12
Blytheville ‖‖	St Francis			1.11						.18								.09				.11		.74			.32	.06		T.	.05		2.66
Booneville	Arkansas		1.20															.01			.20			.26			.49						2.16
Boughton ‖‖	Ouachita			2.00																		.42		1.25	.18		.51	.30					4.62
Brinkley	White		.12	.65					.02									T					.22	1.50	.02		.56			.12			3.21
Calico Rock ‖‖	White			1.93					T.	.07								.08				.12		.20			.23	.12		.05			2.80
Camden ‖‖	Ouachita	.03		.39																		.61		1.58	.91		.70	.05			.23		4.50
Carthage	Arkansas																																....
Clarendon ‖‖	White		T.	.55						.02								.03				.20		.85	.75		.34	.27		T	.12		3.13
Clinton	White		.82						.06								.08				.20		.40				.43			.10			2.09
Conway	Arkansas			1.66														.04				.20	.08	.86			.63			.11			3.58
Corning ‖‖	White		.01	1.64						.26												.21		.56			.30			.19			3.17
Cotter ‖‖	White			1.57														.20				T.	.10	.12			.28	.20		T.			2.47
Crossett [near]	Ouachita																	.11			.20			.65	.17		.72			.10			1.95
Danville ‖‖	Arkansas			.96						T								.02				.26		.36	T.		.56	.06			.05		2.27
Dardanelle ‖‖	Arkansas			1.10						.05								.04				.19		.49	.03		.46	.04		.04			2.44
De Queen	Red		.08	.22														T.			.31	.05	.12			.01	.54			T			1.33
Devils Knob	Arkansas		.07	1.27					.04						T.		.05	.03					.24				.32			.10	.10		2.22
Dumas	Mississippi		.10	.30					.03									.21			.58	.13	.15	.25			.56			.20			2.51
El Dorado ‖‖	Ouachita			.61						T.												.19		.10	1.01		.75				.08		2.74
England	Arkansas		.01	1.00														.05				.03	.01	1.40	T.		.60			.28			3.38
Eureka Springs	White		.32	11					.17								.09					.13	.25	.03			.28						1.38
Fayetteville	White		T.	.12					.02	T.							.01	.02				.08	.22	.02			.17			T.			0.66
Fayetteville Exp. S	White		.17	.15					.02								.03	T				11	.46	.03			.26			T.			1.23
Fordyce	Ouachita		.17	.80					.01									.03			.39	.34	.09	1.65			.87						4.35
Fort Smith ***	Arkansas		.32					T.	T.					T.	T.		.02				.12		.44	T.		.11	.17		T.	T.			1.18
Fort Smith W. ‖‖	Arkansas																																....
Fulton ‖‖	Red		T.	1.35		T.						T.										.46		1.18	.25		.67	T.		T			3.91
Georgetown ‖‖	White			.95					T.									T.			T.			.95	.20		.25	.10			.20		2.65
Gilbert ‖‖	White			1.64																		.03		.02			.67		.06				2.42
Glenwood ‖‖	Ouachita			.65																		.56	1.47				.62			.12			3.42
Grannis	Red		.15	.33					T.			T.									.15	.12	.18	.50		T	.65			.03			2.11
Gravette ‖‖	Arkansas			.27														.15					.13	.30				.35					1.20
Green Mountain	White			1.73				.01	.02									.03				.13	.02	.05			.47			.07			2.53
Hankins ***	Ouachita		.10	30														.10			.75	.06		2.08		.30	.30			.12			4.11
Harrison	White		.31	.70					.04								07					.14	.17				.37						1.80
Helena ‖‖	Mississippi			.25						.05												.20		1.10	.55		.50	.20		.02	.13		3.00
Higden	White		T.	.85					T.												T.	.28	.06	.35			.36			.15			2.05
Highland	Ouachita			.95																.71			.14	1.60			.70						4.10
Hope [Evap] ‖‖	Red			1 62																		.52		1.52	.20		.72	.08			T		4.66
Hot Springs	Ouachita			.93																	1.23	.16	.08	1.58	.02		.62			.04			4.66
Index ‖‖	Red			.90																		.45		1.85	T.		.80		.10				4.10
Jessieville	Ouachita		T.	1.43																	.35			1.60				.60		.12			4.10
Jonesboro ‖‖	White		.02	.84						.05		T						.09				.14		.66	.01		.22	.16		.02	.07		2.28
Judsonia ‖‖	White			1.30																		.20		.80			.23			.21			2.74
Lead Hill	White		.41	.91					T.								.10	.12					.36				.40						2.30
Little Rock ***	Arkansas		1.04	.10					.01								T.	.02			.18		.50	.77		.10	.45			.17			3.34
LittleRock Airway	Arkansas		.02	1.10					.01									.01			.11	.11	.07	1.22			.55			.22			3.42
Lutherville	Arkansas		T.	4.60					T.												.09	.25	.35	.33			.49						6.11
Madison ‖‖	St. Francis		T.	.57	T.					.10								T.				.10		1.10	.65		.35	.18		T.	.10		3.15
Magnolia	Red			T.																	T.		.05	1.25			.60			.05			1.95
Mammoth Spg ‖‖	White			1.60						.15								.20			T			.40			.25	.15		T			2.75
Marianna	St. Francis		.05	.34					.02												.05	.08	.02	1.40			.57			.14			2.67
Marked Tree ‖‖	St. Francis			1.17						.01								.03				.11		1.41	.07		.41			T.			3.21
Mena ‖‖	Ouachita			2.54						T.								T.				.33	T.	.35			.50	T.		.02			3.74
Monticello Airway	Ouachita			.46														.01	.02		.46	.20	.04	1.20			.56			.14			3.09
Monticello(near ***	Ouachita			.15														.08			.42	.04		1.90		.19	.28			.11			3.17
Montongo	Ouachita			.33														.08			.71	.03		1.80		.14	.16			.13			3.38
Morrilton ‖‖	Arkansas			1.17																		.12		.46			.44			T.			2.19
Mountainburg	Arkansas		.50	.14					T.						T.		T.				T.	.04	.33	T.			.20						1.21
Mountain Home	White		1.15	.52					T.								.05				T.	.10	.35	.20			.45			T.			2.82
Mountain Valley	Ouachita			.75					T.												.14	.20	.10	1.10			1.03			.05			3.37
Mount Ida	Ouachita			2.12																	.16		.27	.57			.47			.03			3.62
Newport ‖‖	White		.01	.98						.02								.16				.10		.59	.01		.25	.14		.04	.05		2.35
Norman ‖‖	Ouachita		.53														T.				1.00		1.02				.40			.06			3.01
Oden ‖‖	Ouachita		.50															.20			.12	.23	.09				.64						1.78
Okay	Red		T.	1.30																	.42	.09	.09	1.38			.70			.02			4.00
Ozark ‖‖	Arkansas			1.21						T.					T.			.02				.10		.47			.35	.09					2.25
Paragould	St. Francis		.01	.63	T.				.10									.09				.23	.01	58			.39			.08			2.12
Parkin ‖‖	St. Francis		T.	1.00														T.	T			.15		.85	.40		.38	.25		.18	T.		3.21
Pine Bluff ‖‖	Arkansas		.02	.67						.04		T.							T.			.63		1.64	.73		.20	.47		.03	.19		4.62
Pine Ridge ‖‖	Ouachita		.48																		.41		.46										1.35

Daily precipitation for December, 1938

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Plantersville ***	Ouachita		.12	.30														.11			.67	.07		1.95		.25	.27			.10			3.84
Pocahontas	White			.57					.20													.12		.53			.95			.08			2.45
Portland ‖‖	Ouachita			.38					T.						.02				.12			.25			.66		77				.20		2.40
Prescott ‖‖	Ouachita			1.96																		.52		1.58	.20		.66	.08					5.00
Rock Springs	Ouachita		.16	.28														.12			.75	.04		1.98		.24	.32			.16			4.05
Rogers (near)	White			.26													.06					.08	.25	.03			.21						0.89
Rosebud	Arkansas		1.28													.07								.80			.55			.16			2.86
Ross ***	Ouachita			.19														.07			.65	.03		1.36		.15	.20			.05			2.70
Russellville	Arkansas		.10	1.26														.07				.30	.07	.34			.54						2.68
St. Charles ‖‖	White			.33						.09												.26		1.08	.54		.48	.15		.04	.11		3.08
St. Francis ‖‖	St. Francis		.12	.58						.28								.14				.38		.78				.52		.06	.21		3.07
Searcy	White		.02	1.28						.07								.03				.16		.74	.02		.30	.10		.03	.19		2.94
Springbank ‖‖	Red	T.	T.	1.28						T.					T.			T.	T.			.25		.80	.50		.70	.25		T.	T		3.78
Story ‖‖	Ouachita	.70																					.44			.50				.12			1.76
Stuttgart ‖‖	Arkansas			.67						.15									.02			.38		1.25	.80		.40	.24		.22			4.13
Stuttgart [Evap] ‖‖	Arkansas			.55						.09												.35		1.28	.80		.68			.16	.14		4.05
Subiaco	Arkansas		.85	1.06														.02			.13	.25	.12	.20			.40						3.03
Texarkana ‖‖	Red			1.48																		.42		1.60			.70						4.20
Thornburg	Arkansas		T.	1.17					T.		T.							.02			03	.17	.40	.82			.53			.09	.01		3.24
Turnpike	Arkansas		.81	1.70					.02								.02				T.	.02	.08	.22			.33			.02			3.22
Underwood ***	Ouachita																																
Waldron	Arkansas	1.78	.02																		.24	.06	.28				.60						2.98
Warren	Ouachita			48					T								T.		.10	.41				1.56			.66			.08			3.29
Whitecliffs ‖‖	Red			1.11																		.51		1.80	T.					T.			3.42
White Rock	Arkansas		1.04	.34					T.						T.		T.				.10	T.	.24	.10			.24						2.06
Wilson ‖‖	Mississippi																																
Witt Springs	Arkansas		3.05						T.														.40			T.	.34		T.				3.79
Wynne ‖‖	St. Francis		.10	.77					.10												.20			1.25		.10	.35			.11			2.98

Daily temperatures for December, 1938

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	64	65	64	58	58	60	58	53	51	70	71	71	49	50	51	52	47	51	54	54	55	40	46	60	48	45	45	40	38	58	59	54.
	Minimum	46	47	48	41	37	28	35	35	31	32	31	36	30	34	38	29	37	28	25	30	29	31	35	29	40	37	17	12	14	24	24	31.
Amity §§	Maximum	70	68	..	69	55	69	63	59	58	71	75	48	50	58	58	52	55	59	58	62	54	46	48	60	49	47	34	45	41	49	62	56.
	Minimum	28	49	47	..	35	26	27	31	31	31	38	41	30	29	26	27	31	24	24	24	35	34	33	29	29	37	18	13	15	26	22	29.
Arkadelphia §§	Maximum	82	82	81	72	66	62	62	60	60	82	81	48	53	61	61	55	55	60	61	60	54	52	49	62	48	51	39	48	40	50	62	60.
	Minimum	40	56	49	36	36	26	30	27	29	28	40	42	33	35	26	25	38	25	24	34	37	34	32	26	32	36	19	15	22	27	22	31.
Batesville	Maximum	69	66	67	60	57	62	59	47	52	61	71	64	47	54	51	46	44	53	57	51	50	39	47	60	54	47	38	40	44	46	58	53.
	Minimum	45	55	53	47	39	28	31	34	33	26	53	37	32	36	25	30	37	22	25	39	31	27	37	26	31	38	19	13	27	23	24	33.
Bee Branch	Maximum	68	64	62	59	60	62	57	58	50	61	70	66	46	55	54	48	46	54	54	51	48	48	44	56	55	49	45	37	40	49	54	53.
	Minimum	40	55	50	25	30	26	30	30	31	27	46	36	32	32	28	28	39	23	24	30	30	30	35	25	34	40	17	13	57	26	23	31.
Benton §§	Maximum	70	68	68	61	56	66	55	55	55	71	74	47	50	55	55	56	53	55	57	58	51	43	47	51	62	49	30	43	40	49	57	55.
	Minimum	23	39	52	33	40	24	24	24	25	24	25	42	32	28	24	23	25	23	22	21	31	30	32	27	29	25	20	10	11	23	21	26
Bentonville ***	Maximum	61	65	60	53	47	55	56	47	47	61	58	41	44	48	54	46	45	50	55	44	47	42	47	55	54	42	25	39	45	48	54	49.
	Minimum	46	52	44	42	33	35	37	37	27	35	36	28	27	25	24	38	29	22	27	30	26	36	35	30	33	18	11	18	23	21	27	30.
Blytheville	Maximum	67	60	63	66	50	57	55	50	43	60	70	50	45	55	47	50	43	50	55	54	47	46	48	50	55	45	34	41	40	40	54	51.
	Minimum	41	50	45	43	34	25	30	33	29	26	50	30	26	31	23	29	32	21	24	36	33	26	33	34	28	34	19	17	26	23	23	30.
Booneville	Maximum	65	68	66	63	55	63	64	57	55	68	70	65	62	56	65	57	60	59	68	58	50	46	50	60	57	57	35	44	46	53	61	58.
	Minimum	40	56	46	50	36	27	31	41	25	33	36	36	32	30	22	36	33	23	24	36	33	33	36	23	27	33	17	14	36	20	21	31.
Brinkley	Maximum	69	66	68	60	60	62	54	51	45	61	75	71	51	56	53	55	52	48	48	49	49	43	45	59	50	48	47	33	38	39	46	53.
	Minimum	39	50	54	39	40	25	27	30	32	28	51	42	42	34	29	24	40	27	23	32	34	29	40	30	32	41	20	15	27	26	23	33.
Camden	Maximum	72	69	71	69	68	67	65	57	55	73	76	76	53	55	58	57	56	56	59	57	55	49	50	54	51	49	50	45	43	51	58	58.
	Minimum	44	57	51	32	41	28	31	27	33	29	59	45	36	35	25	25	41	28	24	45	40	33	46	33	33	41	20	16	30	30	26	35.
Carthage	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	....
Conway	Maximum	70	70	67	63	57	65	61	57	54	70	75	63	52	54	54	53	47	55	58	52	53	43	46	60	50	49	46	43	43	51	59	56.
	Minimum	41	57	52	42	38	29	32	32	32	30	52	40	30	34	25	29	37	26	24	34	34	31	38	35	31	42	20	15	29	23	24	33.
Corning	Maximum	71	64	63	64	59	58	62	46	45	60	71	60	47	46	48	47	44	51	52	50	47	42	44	57	52	46	45	38	43	41	55	52
	Minimum	45	52	50	41	32	24	27	32	30	24	45	34	24	25	23	27	32	18	22	34	26	25	37	25	28	39	17	13	25	22	22	29.
Crossett	Maximum	72	69	70	73	65	67	59	56	55	71	79	75	51	55	57	60	52	56	58	54	55	58	63	52	58	47	47	44	42	45	57	58.
	Minimum	35	55	49	32	33	23	28	27	22	25	55	47	39	35	21	19	36	35	20	35	39	33	45	38	30	40	21	10	25	34	24	32.
Dardanelle	Maximum	69	66	66	64	62	63	60	55	53	66	74	65	48	51	52	51	51	55	57	53	50	45	49	60	51	47	40	42	40	46	55	55.
	Minimum	38	56	49	45	39	29	32	33	30	29	49	39	34	33	25	32	36	28	25	37	35	33	36	30	30	39	19	16	32	23	23	33.
De Queen	Maximum	70	70	67	62	58	63	62	57	56	73	75	73	54	56	58	53	58	59	55	54	55	47	51	54	54	48	47	43	47	53	57	57.
	Minimum	49	60	44	32	34	26	30	28	23	33	45	43	31	29	23	29	35	25	24	38	39	35	39	27	31	39	19	16	34	24	23	32.
Devils Knob	Maximum	56	55	54	52	45	54	51	46	43	56	60	56	45	44	45	40	42	45	45	43	44	41	42	56	47	48	49	41	46	41	44	47.
	Minimum	46	46	40	45	29	35	40	32	24	35	51	30	28	27	32	34	32	29	36	39	27	28	32	34	39	25	7	8	26	26	32	32.
Dumas	Maximum	71	70	72	70	61	61	55	53	53	71	77	66	51	54	55	59	53	60	58	60	55	52	54	55	50	51	48	43	37	49	55	57.
	Minimum	42	52	50	40	40	29	34	32	30	30	53	44	35	34	25	34	41	28	26	40	34	32	44	37	36	42	24	18	30	31	27	35.
El Dorado	Maximum	72	54	71	72	69	67	58	52	55	73	71	69	51	54	58	57	55	54	57	55	55	57	59	58	49	45	40	39	45	54	55	58.
	Minimum	51	51	52	48	45	32	36	34	34	36	42	46	41	37	27	29	44	32	29	39	38	37	45	38	37	39	24	22	36	35	29	37.
England	Maximum	70	72	67	68	66	54	54	52	54	70	76	72	49	51	53	56	62	51	57	58	51	52	46	57	51	47	48	41	38	52	56	56
	Minimum	40	44	52	42	38	29	32	32	32	32	55	42	30	35	34	33	42	26	27	38	33	31	40	34	36	40	21	18	30	31	31	34.
Eureka Springs	Maximum	62	67	60	58	51	59	58	49	49	62	64	44	49	52	57	45	46	53	56	48	49	43	51	56	53	47	29	41	48	50	55	52.
	Minimum	49	53	43	48	33	36	40	38	25	36	41	32	27	27	25	39	29	24	26	32	24	34	39	32	34	25	9	13	33	19	32	32.
Fayetteville	Maximum	61	68	62	57	50	57	60	50	49	63	66	48	48	50	55	47	49	52	56	49	51	45	49	57	53	47	28	39	46	50	56	52.
	Minimum	48	56	43	48	33	32	32	33	26	37	40	34	30	27	22	40	31	21	23	38	30	37	40	29	30	27	11	14	32	22	26	32.
Fayetteville Exp. S	Maximum	60	63	59	55	48	55	56	50	47	61	63	48	47	47	53	46	45	50	53	49	48	45	48	55	52	48	27	39	45	48	54	50.
	Minimum	48	54	43	47	32	33	33	33	24	32	38	34	29	26	22	37	30	21	25	37	28	36	39	29	34	27	11	15	32	21	26	31.
Fordyce	Maximum	69	69	66	65	66	64	58	52	51	70	72	74	49	53	53	53	54	55	55	58	50	48	49	49	45	43	43	42	38	48	56	55.
	Minimum	46	57	52	45	40	30	38	34	33	32	40	44	35	35	30	29	28	27	27	43	38	33	45	43	34	30	21	25	25	24	44	35.
Fort Smith***	Maximum	65	70	64	58	53	60	62	55	52	71	62	50	50	43	55	48	53	54	58	52	50	40	51	56	47	44	31	45	47	47	55	53.
	Minimum	47	53	44	39	37	33	38	38	29	36	43	39	36	31	27	39	34	28	31	38	34	33	37	31	32	23	17	20	32	25	28	33.
Gilbert	Maximum	68	65	68	65	63	53	60	58	51	49	62	72	47	51	56	55	50	50	55	57	49	50	43	57	60	54	46	33	44	47	51	54.
	Minimum	30	36	47	38	34	21	24	25	24	22	29	31	25	24	13	19	35	12	18	25	23	25	30	19	21	27	14	9	24	17	16	24.
Grannis	Maximum	69	66	65	58	56	64	60	58	55	71	74	60	55	55	56	48	59	58	56	55	55	46	50	61	49	56	35	43	46	53	60	56.
	Minimum	39	56	40	27	25	26	30	29	28	30	42	40	26	27	27	28	34	25	26	35	32	33	38	27	29	31	16	14	31	25	23	30.
Gravette§§	Maximum	64	68	65	54	47	55	60	50	50	64	52	42	48	47	55	52	44	51	55	49	47	42	48	56	55	42	32	40	45	48	55	51.
	Minimum	40	53	41	40	33	28	28	28	22	23	33	32	24	21	22	27	28	18	22	28	26	26	35	24	25	28	10	11	30	20	21	27.
Green Mountain	Maximum	62	63	61	62	53	57	56	49	43	59	68	64	46	50	58	44	..	50	53	47	45	41	46	55	52	47	35	37	42	46	59	51.
	Minimum	50	55	47	48	36	32	40	39	28	36	52	35	30	31	30	34	..	27	32	40	29	26	34	34	38	34	13	16	29	22	32	34.
Harrison	Maximum	63	65	62	57	53	55	57	51	45	61	70	48	46	49	50	46	48	51	53	50	43	40	47	54	52	51	34	38	44	48	59	51.
	Minimum	36	54	45	46	35	27	31	30	28	29	34	34	29	29	22	37	31	22	23	39	25	29	39	27	33	27	12	13	31	21	22	30.
Helena	Maximum	71	67	67	69	67	62	52	52	53	67	70	71	54	53	52	55	58	54	58	58	53	51	58	51	47	47	55	44	44	49	53	56.
	Minimum	46	54	51	42	34	27	34	34	32	32	51	41	33	31	29	32	40	25	27	40	34	29	43	33	35	40	20	16	29	29	24	34.
Highland	Maximum	68	68	65	65	58	63	60	54	54	70	74	70	52	56	55	52	54	56	65	66	72	68	70	72	60	47	43	41	41	51	58	59.
	Minimum	40	58	47	40	38	35	39	34	30	40	53	42	32	34	36	31	30	31	37	38	41	38	42	40	39	39	18	17	32	29	32	36.

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding d

Weather Bureau Office, Little Rock, Ark. 1-19-39-1150

Daily temperatures for December, 1938, continued

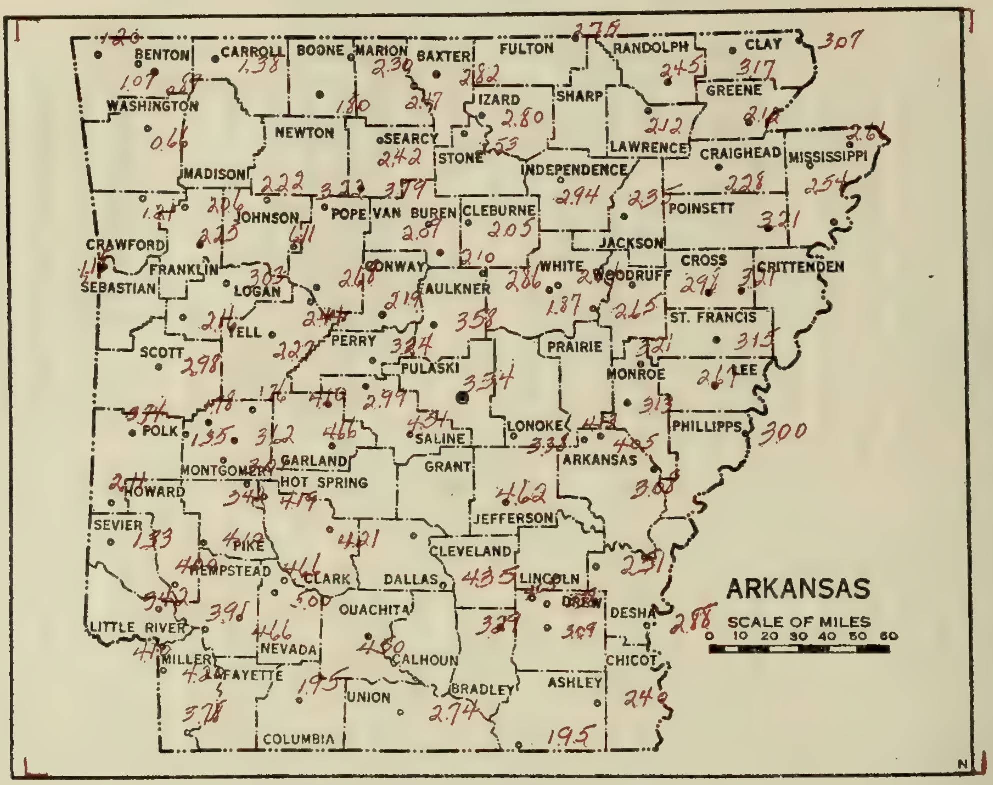
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
ope §§	Maximum	71	68	64	61	53	58	59	51	54	67	75	47	51	55	57	54	52	54	57	52	52	47	49	48	44	45	33	45	37	49	58	53.8
	Minimum	35	51	48	42	30	30	32	33	30	30	44	45	35	34	27	28	32	29	25	27	40	36	40	34	37	37	21	17	17	30	26	33.0
ot Springs	Maximum	67	65	65	58	55	63	59	52	52	68	72	69	49	54	52	51	49	52	54	58	50	40	48	58	53	46	45	41	40	49	57	54.5
	Minimum	49	57	51	42	40	32	35	36	28	34	56	41	30	33	30	32	42	30	30	29	36	35	38	33	36	41	20	17	30	28	28	35.5
onesboro	Maximum	67	62	64	66	57	57	56	49	44	61	71	64	46	54	48	49	46	50	57	51	46	42	44	58	52	46	42	41	41	43	56	52.6
	Minimum	41	49	50	40	37	26	33	35	32	25	53	37	29	33	28	29	37	25	27	34	30	25	40	32	34	39	19	16	24	24	28	32.6
ead Hill	Maximum	66	60	63	59	53	58	48	49	42	63	65	51	49	53	52	47	46	53	56	49	50	49	60	58	51	46	31	41	37	37	45	51.2
	Minimum	29	43	46	40	35	23	26	27	22	23	30	31	22	30	18	28	28	17	19	25	24	22	30	22	23	28	12	9	31	12	16	25.5
Little Rock.***	Maximum	67	66	65	59	52	64	56	53	49	70	72	53	47	52	50	53	49	49	56	54	48	41	45	57	48	47	31	39	39	46	57	52.7
	Minimum	49	57	52	45	39	33	38	36	35	37	53	38	34	38	35	35	37	31	32	41	36	32	39	32	37	29	21	23	32	28	30	36.6
Little Rock [Airway]	Maximum	69	69	68	65	55	65	57	52	50	69	75	66	49	53	52	59	51	52	57	57	52	40	45	60	49	47	46	40	39	48	58	55.3
	Minimum	47	57	52	45	40	32	32	33	34	31	60	41	32	38	31	26	39	30	26	38	36	30	40	36	35	41	22	17	29	26	25	35.5
utherville	Maximum	66	62	59	61	55	58	57	52	49	62	71	61	48	46	50	46	52	50	54	52	51	43	44	54	49	46	35	37	45	47	53	52.1
	Minimum	43	56	46	42	33	30	35	35	27	33	47	37	32	28	26	34	38	28	27	37	31	31	33	28	32	35	15	14	30	23	26	32.6
agnolia	Maximum	73	74	70	70	66	68	61	59	55	74	77	73	53	..	60	57	56	..	59	56	57	55	57	51	50	48	49	45	44	50	63	59.7
	Minimum	51	58	49	45	39	31	34	34	29	37	60	46	40	..	27	32	44	..	29	46	42	38	47	35	36	41	22	21	34	32	29	38.2
ammoth Spring	Maximum	67	65	61	62	54	58	58	52	44	59	68	62	49	48	50	46	45	52	53	48	47	39	47	57	53	43	42	38	47	44	57	52.1
	Minimum	31	54	48	37	34	20	20	31	28	21	33	31	23	23	19	25	32	18	20	29	24	25	34	20	23	31	15	9	28	22	17	26.6
arianna	Maximum	70	65	66	69	69	61	53	49	47	65	74	74	48	54	51	54	51	56	56	56	48	48	53	53	53	53	48	40	37	45	53	55.5
	Minimum	46	55	54	40	40	26	30	34	35	30	60	43	42	34	27	24	41	25	25	36	35	30	42	34	34	34	21	15	29	29	24	34.3
arked Tree§§	Maximum	70	62	65	68	50	59	54	48	44	62	72	47	48	53	50	50	44	50	57	54	48	48	45	60	55	45	30	49	38	45	55	52.4
	Minimum	36	45	47	42	38	24	28	30	36	25	32	38	27	30	26	25	31	24	22	29	31	25	26	28	33	35	18	14	19	22	22	29.3
ena	Maximum	65	63	64	55	52	63	60	53	54	67	71	60	49	52	56	49	52	56	55	54	50	42	46	59	48	45	32	42	41	51	58	53.7
	Minimum	50	57	42	42	37	33	36	34	30	36	54	36	33	29	26	32	39	40	27	40	31	34	38	29	34	31	16	16	32	24	29	34.4
onticello	Maximum	70	68	68	70	60	53	58	49	52	58	75	65	50	52	56	54	54	54	56	56	56	46	56	54	50	43	38	44	38	48	52	54.9
	Minimum	46	50	54	46	41	32	40	36	27	36	50	45	38	35	30	40	40	38	29	33	41	34	40	38	38	38	23	19	32	34	30	37.2
orrilton§§	Maximum	68	61	60	64	61	62	61	60	59	69	72	70	68	67	66	65	64	63	62	61	60	60	59	60	59	58	57	57	56	56	60	62.1
	Minimum	29	41	49	36	38	29	29	37	32	31	45	38	32	34	26	27	35	26	25	26	35	30	31	30	31	30	19	16	19	25	25	30.8
ountain Home	Maximum	70	65	67	63	48	60	57	49	48	61	71	46	50	54	50	46	46	55	55	46	50	38	48	57	54	50	29	42	48	45	63	52.6
	Minimum	37	50	46	42	26	23	28	31	26	25	36	31	24	28	22	32	31	20	12	32	20	28	32	24	32	28	14	13	30	24	22	28.0
Mt. Ida	Maximum	72	66	68	61	57	67	68	56	57	70	74	69	50	56	57	52	52	58	57	59	51	45	48	62	49	46	37	49	42	54	64	57.2
	Minimum	42	48	46	39	38	22	25	25	26	25	58	39	24	26	17	21	39	20	19	30	36	28	37	22	25	35	17	7	31	18	17	29.1
ewport	Maximum	67	64	59	63	58	60	54	50	43	63	71	60	47	55	49	48	47	51	56	53	49	44	46	59	55	47	46	39	41	44	55	53.0
	Minimum	43	54	53	43	40	25	28	31	33	27	51	38	31	31	27	28	38	25	25	34	32	28	38	26	31	41	20	13	30	25	23	32.6
den***	Maximum	67	68	67	60	55	65	63	64	55	70	74	48	53	53	57	51	54	55	58	59	55	40	48	61	49	45	34	49	42	52	61	55.9
	Minimum	50	55	46	48	34	29	35	33	33	33	40	40	31	32	25	35	35	27	25	38	37	34	38	31	40	33	19	12	31	21	23	33.6
kay	Maximum	72	72	68	76	66	66	65	59	59	73	78	75	54	57	58	56	57	59	58	55	52	53	50	57	54	51	48	44	46	50	60	59 6
	Minimum	51	61	46	40	34	27	30	28	26	38	48	45	35	31	23	26	40	41	25	41	38	37	42	33	31	32	20	20	35	25	24	34.6
zark	Maximum	66	65	63	63	53	63	58	55	52	65	67	68	49	49	50	52	47	55	50	65	59	48	48	57	48	48	38	40	47	49	48	54.4
	Minimum	38	54	46	38	36	28	32	32	28	32	34	38	31	30	28	30	37	26	25	33	32	33	36	26	28	35	16	16	27	22	30	31.5
aragould	Maximum	66	62	60	64	58	54	56	52	42	59	69	65	45	52	50	47	46	47	51	49	47	42	45	55	53	47	47	36	44	40	52	51.7
	Minimum	37	50	51	41	39	25	28	33	32	24	44	37	29	28	27	25	38	24	27	34	31	26	40	28	32	40	20	16	23	24	24	31.5
ine Bluff	Maximum	72	71	70	70	59	67	54	51	53	72	76	68	51	56	55	58	51	53	64	63	52	45	50	57	48	48	48	42	48	45	59	57.3
	Minimum	47	56	48	46	40	32	35	35	33	33	60	44	34	37	31	29	41	32	27	42	36	33	43	31	37	42	21	20	31	30	26	36 5
ocahontas	Maximum	69	66	64	62	58	59	60	53	44	60	71	67	49	54	50	46	46	52	53	50	48	45	46	57	54	49	46	38	44	43	51	53.4
	Minimum	38	55	52	41	40	24	28	32	30	23	41	36	27	26	28	28	38	20	26	29	28	26	37	25	30	40	18	14	27	24	22	30.7
ortland	Maximum	72	73	68	73	64	67	60	55	52	69	80	72	50	54	55	60	53	52	58	55	52	54	65	51	50	50	36	44	40	44	53	57.5
	Minimum	40	53	50	35	39	25	30	30	29	26	56	48	38	36	26	22	40	37	23	38	39	31	45	37	32	40	24	17	27	35	26	34.6
rescott	Maximum	71	73	68	64	59	64	60	56	55	73	77	70	52	56	59	57	56	57	59	57	53	51	48	57	52	52	50	45	43	49	58	58.1
	Minimum	47	59	49	42	39	32	35	33	30	31	58	44	35	37	32	30	41	31	28	44	39	36	40	33	37	42	21	18	35	30	26	36.6
ogers	Maximum	61	77	61	56	51	57	58	54	49	62	64	48	47	49	56	49	47	53	56	52	48	47	48	56	54	48	29	41	46	50	56	52.6
	Minimum	44	55	43	46	33	27	28	29	24	31	31	33	25	24	19	40	29	19	21	34	26	33	40	25	25	27	10	12	33	20	20	29.2
ussellville [Evap]	Maximum	69	66	65	65	59	62	60	59	51	65	70	64	51	50	53	52	52	55	58	54	53	51	48	58	55	46	41	42	41	51	58	55.6
	Minimum	35	52	49	41	28	27	31	31	32	27	41	39	33	34	24	29	35	26	25	33	36	34	36	31	29	40	20	16	32	22	23	32.0
t. Charles§§	Maximum	72	67	66	69	53	63	52	49	48	67	75	47	49	54	52	56	53	52	57	60	50	54	48	51	47	47	33	42	36	47	55	53.9
	Minimum	41	50	53	45	38	27	32	32	33	31	36	44	34	34	28	26	30	29	25	27	36	30	34	33	33	41	21	15	20	29	24	32.6
earcy	Maximum	67	67	65	68	56	62	57	52	51	67	73	65	47	58	52	50	47	55	57	51	50	40	47	53	56	47	47	43	41	48	58	54.9
	Minimum	37	54	48	36	37	26	29	30	33	26	43	39	32	36	30	26	38	25	25	32	33	29	38	27	30	41	19	15	26	25	23	31.9
tuttgart	Maximum	76	77	68	71	67	64	54	50	49	69	78	67	50	54	52	58	54	57	58	63	51	55	47	54	48	48	45	42	37	45	56	56.9
	Minimum	40	51	51	41	38	37	32	31	30	46	53	42	31	33	29	26	40	27	24	35	34	29	39	31	34	40	20	16	17	28	24	33.8
tuttgart Evap. §§	Maximum	72	66	67	69	53	63	52	49	49	67	75	48	50	53	52	57	53	51	56	59	51	52	..	55	48	43	34	42	38	46	55	54.2
	Minimum	36	49	51	41	35	26	30	29	32	30	29	46	32	33	28	26	30	28	24	26	36	31	33	.	32	42	22	17	23	30	25	31.7
ubiaco	Maximum	67	69	65	62	56	61	60	54	50	68	72	62	49	48	55	50	53	54	59	54	54	45	50	57	50	46	32	42	47	49	56	54.7
	Minimum	41	57	46	41	36	28	35	36	29	31	44	36	32	30	27	36	35	27	25	35	33	32	34	33	32	32	16	15	32	23	23	32.6
exarkana	Maximum	73	71	70	68	60	68	67	57	58	74	78	69	55	58	58	56	56	60	60	55	57	50	50	55	52	49	48	47	41	53	61	59.2
	Minimum	52	60	47	45	39	33	37	37	30	41	56	45	38	34	28	36	41	30	32	47	42	40	42	42	37	40	21	21	38	31	29	38.4
hornburg	Maximum	67	65	67	63	55	63	60	55	51	68	72	66	49	54	55	52	57	43	56	53	52	39	45	58	49	46	44	41	39	50	64	54.8
	Minimum	51	57	48	46	38	24	27	31	31	24	57	37	25	33	19	25	31	23	25	37	34	27	36	28	25	40	16	8	31	18	19	31.3
urnpike	Maximum	58	56	56	56	47	56	52	46	46	57	64	57	45	49	48	41	48	52	49	56	48	49	46	51	47	41	27	33	39	45	52	48.9
	Minimum	46	51	42	44	30	35	40	33	26	35	49	30	28	29	30	34	31	30	35	37	36	27	32	29	39	25	10	15	26	23	30	32.5
aldron	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
arren	Maximum	71	71	70	72	60	61	60	53	55	70	76	71	51	56	57	54	54	57	60	59	56	54	58	55	50	48	47	43	39	50	56	57.9
	Minimum	43	55	51	58	39	30	39	34	31	30	60	44	36	29	26	43	33	26	39	32	37	34	44	35	36	41	20	18	31	32	27	36.5
hite Rock	Maximum	56	56	56	54	55	55	54	47	48	58	63	61	44	48	47	42	50	51	56	47	46	38	47	52	47	42	26	32	43	45	50	48.9
	Minimum	47	52	39	44	29	35	40	33	25	36	52	30	28	26	33	33	30	31	35	38	29	28	34	35	39	22	6	15	28	27	32	32.6
ilson	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
ynne	Maximum	70	70	68	69	60	60	54	51	47	63	74	72	47	55	57	50	51	52	57	54	49	56	52	58	54	56	52	42	38	44	56	56.1
	Minimum	44	49	51	43	35	25	38	34	32	28	54	42	28	30	25	32	40	24	23	38	32	26	42	29	32	41	19	15	28	24	24	33.1

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for December, 1938

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ope [Exp. Farm]	Evap.	.056	.120	.192	.238	.081	.119	.100	.048	.054	.064	.072	.158	.118	.084	.081	.042	.038	.042	.058	.049	.031	.083	.120	....	.140	....	....	....	.040	.000	.053	2.619
	Mean tem.	53	60	56	52	42	44	46	42	42	48	60	46	43	44	42	41	42	41	41	40	46	42	44	41	40	41	27	31	27	40	42	43.4
	Wind move	33	64	90	70	81	56	36	22	61	51	108	75	83	42	9	14	18	26	21	26	60	51	37	22	40	25	64	37	39	30	17	1408
ussellville [Ozark Nursery]	Evap.	.054	.054	.338	.034	.122	.114	.044	.078	.076	.136	.053	.053	.068	.058	.044	.034	.022	.032	.064	.034	.072	.044	.012	.008	.072	.034	.102	.076	.022	.016	.002	1.972
	Mean tem.	52	59	57	53	44	44	46	45	42	46	56	52	42	42	38	40	44	40	42	44	44	42	42	44	42	43	30	29	36	36	40	43.8
	Wind move	29	21	87	62	81	28	22	39	76	50	42	53	20	50	24	8	44	27	13	34	30	32	38	32	15	34	129	30	22	24	16	1212
uttgart ice Exp. Farm]	Evap.	295	.140	.127	.086	.102	*	.127	*	*	*	.130	.138	.093	.064	*	*	.148	.040	*	.081	.025	*	.049	*	.031	.035	.	....	....	....	...	2.040
	Mean tem.	54	58	59	55	44	44	41	39	40	48	52	47	41	43	40	42	42	40	40	42	44	42	....	...	40	42	28	30	30	38	40	43.0
	Wind move	55	118	158	122	92	75	61	17	85	77	152	120	91	46	46	31	46	70	12	58	58	66	66	*	75	97	116	25	86	49	19	2190

Precipitation for December, 1938



Daily River Stages for December, 1938

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	..Arkansas	22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Van Buren	......do	22	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.6	3.6	3.5	3.4	3.4	3.5	3.5	3.4	3.5
Danville	.Petit Jean.	20	2.3	2.3	2.3	14.9	11.2	7.0	5.4	4.7	4.3	4.0	3.7	3.5	3.4	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.8	2.9	2.9	2.9	3.4	3.5	3.6	3.7	4.0
Ozark	..Arkansas.	22	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.5
Dardanelle	......do	22	2.1	2.1	3.9	4.1	3.3	3.0	2.0	2.7	2.6	2.4	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.6	1.5	1.5	1.8	1.9	1.7	1.9	1.8	1.8	1.8	1.6	1.8	1.8	1.7
Morrilton	......do	20	-2.4	-2.5	-2.1	-1.4	0.2	-0.4	-0.8	-1.2	-1.4	-1.8	-1.9	-2.1	-2.2	-2.4	-2.4	-2.5	-2.6	-2.6	-2.6	-2.7	-2.7	-2.7	-2.8	-2.7	-2.6	-2.6	-2.7	-2.4	-2.5	-2.4	-2.4
Little Rock	......do	23	0.2	0.1	0.2	0.4	2.1	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.4	0.3
Pine Bluff	......do ..	25	3.7	3.7	3.7	3.7	3.9	5.3	5.5	5.3	4.9	4.7	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.5	3.5	3.5	3.6	3.7	3.8	3.8	3.8
Gilbert	..Buffalo...	30	2.8	2.8	4.8	4.8	4.5	4.1	3.9	3.7	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0
Doniphan, Mo.	..Current ..	10	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
Black Rock	...Black...	14	1.8	1.8	1.8	1.8	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.0	1.9	1.9	1.9	1.9
Judsonia	Little Red...	30	3.7	3.6	4.1	4.0	8.4	8.2	7.8	7.3	6.6	6.1	5.7	5.3	5.0	5.0	4.2	4.5	3.7	3.6	3.4	3.3	3.2	3.0	3.1	3.2	3.1	3.1	3.2	3.2	3.2	3.4	3.5
OzarkBeachMo	...White...	30	-0.7	-0.7	-0.6	-0.7	-0.7	-0.7	-0.7	1.0	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	-0.7	-0.7	-0.6
Cotter	......do	21	3.5	3.5	3.8	3.8	3.5	3.5	3.5	3.5	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Calico Rock	......do	18	1.4	0.9	3.0	4.0	3.0	2.4	2.0	2.0	1.5	1.3	1.2	1.2	1.1	1.0	1.2	0.8	0.6	0.7	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.8	0.6	0.6	0.6	0.6	0.9
Batesville	......do	23	5.9	6.1	5.8	8.4	9.1	7.9	7.4	7.0	7.0	6.4	6.3	6.1	5.8	6.0	5.8	6.0	5.6	5.5	5.4	5.5	5.4	5.3	5.5	5.3	5.2	5.2	5.5	5.3	5.2	5.2	5.3
Newport	......do	26	1.5	1.2	1.5	1.7	4.0	4.2	3.5	3.0	2.8	2.4	2.1	2.0	1.8	1.6	1.6	1.4	1.4	1.4	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Georgetown	......do	21	3.2	3.0	3.0	3.0	3.1	5.4	6.1	6.0	5.6	5.2	4.8	4.5	4.1	3.7	3.5	3.2	3.0	2.9	2.8	2.7	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2
Clarendon	......do	26	10.4	10.1	10.0	9.8	9.7	9.7	10.7	11.8	12.3	12.3	12.1	11.8	11.4	11.0	10.7	10.3	10.0	9.8	9.7	9.5	9.3	9.1	9.0	9.1	9.0	8.9	8.9	8.9	8.8	8.8	8.9
St. Charles	......do	..	11.0	10.7	10.4	10.3	10.2	10.1	10.4	11.2	11.9	12.2	12.1	12.0	11.8	11.5	11.2	10.9	10.6	10.4	10.2	10.1	10.0	9.8	9.7	9.7	9.6	9.4	9.3	9.2	9.2	9.1	9.2
Arkadelphia	.Ouachita..	17	7.0	7.2	8.0	7.6	5.2	7.2	7.2	7.5	7.4	6.6	6.9	4.6	6.0	6.3	7.4	6.1	7.2	5.8	4.4	4.3	5.4	5.4	5.4	8.9	6.6	5.9	7.0	6.5	6.2	7.0	6.3
Boughton	Little Mo...	20	3.4	3.4	4.1	4.4	4.5	4.5	4.5	4.4	4.4	4.5	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.5	3.5	3.5	3.6	3.6	3.9	8.4	9.3	8.6	8.3	8.1	7.7	6.9	6.9
Camden	.Ouachita..	26	5.2	6.2	6.4	6.7	7.4	8.0	6.7	7.0	7.1	6.7	6.2	6.0	5.5	5.0	5.5	6.2	6.2	5.7	6.1	5.8	5.2	5.1	5.9	6.1	10.1	11.5	14.2	11.6	11.5	10.8	9.9
Benton	Saline	..	4.3	4.7	5.6	6.7	6.5	6.3	6.0	5.8	5.8	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.7	4.6	4.7	4.7	5.4	9.8	8.1	7.3	7.3	6.9	6.8	6.8	6.7
Whitecliffs	Little River	25	0.0	0.0	0.0	0.0	1.0	0.0	3.2	2.5	2.1	2.0	1.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0
Index	....Red.....	25	5.3	5.3	5.3	5.2	5.2	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.4	5.4	5.5	5.5	5.4	5.4	5.4	5.4
Fulton	.....do.....	25	3.7	3.6	3.8	4.0	3.9	3.8	4.4	4.9	4.7	4.6	4.4	4.2	4.2	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.8	4.5	4.8	4.7	4.6	4.6	4.5	4.4	4.3
Big Lake Outl't	St. Francis.	10	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6
St. Francis	.... do	18	3.3	3.2	3.4	3.4	3.5	3.5	3.6	3.8	3.9	3.9	3.7	3.6	3.5	3.5	3.4	3.4	3.5	3.6	3.8	3.9	4.0	3.9	4.1	4.0	3.9	3.8	3.9	3.8	3.7	3.9	4.1
St. Francis L.L.	......do	..	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.7	19.7	19.7	19.6	19.6
Marked Tree	......do ..	17	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Parkin	......do	28	1.1	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.
Madison	.... do	32	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.5	1.6	1.5	1.5	1.5	1.4	1.4
Helena	Mississippi.	42	15.6	14.6	12.6	10.7	9.6	8.9	8.6	8.4	8.4	8.8	9.6	10.0	10.2	10.3	10.1	9.9	9.9	9.9	9.8	9.5	9.2	8.6	8.2	7.5	6.9	6.4	5.8	5.1	5.2	5.7	6.4
Arkansas City	......do	42	10.5	10.1	9.4	8.2	6.9	5.8	5.1	4.7	4.7	4.6	4.8	5.2	5.5	5.7	5.8	5.7	5.5	5.4	5.4	5.3	5.1	4.8	4.5	4.2	3.8	3.3	3.0	2.4	1.9	1.6	1.8

T. less than 0.01 inch rain or melted snow. ††Not used in means and summaries. Reference letters a,b,c, number of days missing. †Also on other dates. ‡‡P. O **addresses as follows:—Big Lake Outlet, Manila**; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana **Lutherville, Route 1, Lamar**; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; Whit Rock, Cass. **Precipitation for 24 hours ending near sunset unless otherwise indicated.** ***24 hours ending midnight. |||| 24 hours ending 7 a. m. *Included in nex measurement. Italics interpolated.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are f the period to 1935, inclusive.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLIV — Little Rock, Ark., Year, 1938 — No. 13

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GENERAL SUMMARY

The weather in Arkansas during the year 1938 was considerably above normal in temperature and about normal in precipitation.

The average temperature for the year was 63.6°, which is 2.4° above the 48-year average. June and November were the only months with negative departures. This was the warmest year since 1921 when the average was 64.2°. The highest temperature for the year was 109° in Garland County in July and in Garland and Faulkner counties in August. The lowest temperature was 4°, recorded in Franklin County in January.

The average precipitation for the year was 48.25 inches, which is 0.04 inch above the 48-year average. The first four months and June and November had positive departures. Monthly averages ranged from 6.48 inches in January to 0.94 inch in October. The average number of rainy days was 81. The heavy to excessive rain periods occurred during the first half of the year and caused many floods. Flood losses in the Arkansas Basin were estimated at $369,200; in the White Basin $167,600; the Ouachita Basin $39,700, and the Red and Little River Basins $160,900.

Twenty tornadoes were reported during the year: 14 in March, 5 in May and one in November. Twenty lives were lost, and property losses were estimated at $413,100.

One of the most damaging storms during the year was reported at Eureka Springs and vicinity on May 29th when a heavy rain and hail storm damaged or destroyed property valued at $1,000,000.

The growing season ranged from 197 days at most northern stations to 269 days at Pine Bluff. The rainy days were slightly above normal the first part of the growing season; below the latter part. Drought conditions prevailed the last two weeks in August and from the middle of September to the middle of October. Vegetation was seriously effected by the drought.

The year had an average of 176 clear, 95 partly cloudy and 94 cloudy days.

O.D.N.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip.01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	−14	57.75	8.7	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	185	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	− 2	46.13	3.9	76	178	96	91
1898	61.4	108	− 4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	− 5	49.03	2.2	92	150	120	95
1901	61.1	116	− 6	35.27	2.9	65	175	111	79
1902	60.5	108	− 2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.3	84	162	107	96
1904	60.5	105	− 5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	− 7	55.99	4.3	95	156	96	113
1907	61.9	113	− 8	49.78	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	− 9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	− 1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	− 3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−23	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	3.4	91	166	75	124
1920	60.7	105	− 2	54.28	2.5	90	174	74	118
1921	64.2	107	− 3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	− 8	37.03	7.9	74	193	68	105
1925	63.0	113	− 6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	− 2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	98	162	83	120
1930	61.7	115	−28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	− 5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	94
Period	61.4	120	−29	48.21	5.6	86	170	92	103

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1938

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	42.5	+ 1.1	81	4	6.48	+2.04	11.58	T	7	14	6	11	nw.
February	50.9	+ 7.3	87	8	6.08	+2.76	10.79	0.1	7	9	7	12	s.
March	60.3	+ 7.7	91	20	6.02	+1.29	10.71	0.0	10	13	8	10	s.
April	62.1	+ 0.6	94	24	4.03	+0.03	8.85	0.1	8	14	7	9	s.
May	70.2	+ 1.0	97	34	4.62	−0.36	15.27	0.0	9	12	10	9	s.
June	75.8	− 1.4	101	48	4.34	+0.29	9.90	0.0	9	13	9	8	s.
July	82.0	+ 1.5	109	59	3.74	−0.06	12.90	0.0	7	14	11	6	s.
August	83.2	+ 3.1	109	54	2.26	−1.29	5.45	0.0	5	18	9	4	s.
September	75.7	+ 1.3	107	32	1.55	−1.82	4.32	0.0	4	17	10	3	s.
October	66.8	+ 4.2	105	20	0.94	−2.22	4.12	0.0	3	23	5	3	s.
November	50.7	− 0.7	89	8	5.26	+1.51	9.60	0.1	5	16	6	8	s.
December	43.6	+ 0.9	82	6	2.93	−1.87	6.11	T.	7	13	7	11	nw.
Annual	63.6	+ 2.4	109	4	48.25	+0.04	15.27	0.3	81	176	95	94	s.

EXCESSIVE PRECIPITATION FOR 1938

Station and date	Maximum amounts of precipitation										
	5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
LITTLE ROCK, ARK											
Mar. 30-31	0.35	0.50	0.59	0.60	0.61	0.61	0.64	1.12	1.14	1.14	1.14
April 20	0.49	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
June 16	0.28	0.47	0.78	0.93	1.01	1.02	1.02	1.17	1.61	1.61	1.61
Aug. 12	0.55	0.85	1.31	1.63	1.86	1.92	1.93	1.93	1.94	1.94	1.94
Nov. 18	0.37	0.56	0.73	1.12	1.38	1.50	1.60	1.70	1.84	1.91	1.91
Fort Smith, Ark.											
May 22	0.46	0.79	1.16	1.38	1.44	1.66	1.78	1.85	2.02	2.10	2.20
Aug. 16	0.23	0.35	0.71	0.87	0.98	1.28	1.40	1.40	1.40	1.42	1.46

Climatological Data for Year, 1938

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Alum Fork	Saline	755	2	63.1	104	Aug. 26	12	Dec. 28	2	52.70	9.58	Nov.	0.80	Sept.	T.	75	158	120	87	n.
Amity	Clark	500	38	63.4	108	Aug. 25	13[a]	Dec. 28	43	51.76	8.75	Mar.	0.30	Sept.	T.	76	......	......	......	s.
Arkadelphia	Clark	200	1	65.9	108	Aug. 25	14	Nov. 28	43	53.39	6.90	Jan.	0.92	Sept.	0.0	90	162	143	60	s.
Arkansas City	Desha	145	......	......	......	......	......	......	54	36.38	5.67	June	0.65	July	0.0	75	231	16	118	......
Batesville Airway	Independence	363	2	63.4	105	Aug. 26	13	Dec. 28	2	50.12	7.76	Feb.	0.30	Sept.	0.0	94	152	118	95	s.
Batesville	Independence	277	......	......	......	......	......	......	39	52.40	7.90	Feb.	0.66	Sept.	T.	105	207[a]	80[a]	77[a]	......
Bee Branch	Van Buren	650	45	62.8	107	July 11	12	Jan. 8	46	48.54	9.49	Mar.	1.20	Aug.	0.0	74	154	138	73	s.
Benton	Saline	285	2	62.5	103	Aug.** 25	9	Nov. 28	3	58.66	9.48	Jan.	0.35	Sept.	T.	92	218	70	77	ne.
Bentonville	Benton	1295	33	60.5	99	Aug. 25	7	Jan. 31	33	47.32	7.96	May	0.46	Oct.	4.1	99	154	111	100	s.
Big Lake Outlet‡‡	Mississippi	239	......	......	......	......	......	......	8	36.92	5.21	Mar.	0.97	Oct.	1.4	86	195	40	130	......
Black Rock	Lawrence	259	......	......	......	......	......	......	37	45.62	7.96	Mar.	0.86	Sept.	T.	97	244	15	106	s.
Blytheville	Mississippi	252	13	62.9	108	July** 3	14	Nov. 27	13	35.55	4.91	Jan.	0.64	Oct.	0.5	86	236	62	67	s.
Booneville	Logan	465	23	64.2	105	July 13	13	Jan.** 31	24	46.08	6.90	Feb.	0.53	Oct.	T.	91	148	142	75	e.
Boughton‡‡	Nevada	235	......	......	......	......	......	......	3	49.33	9.25	Jan.	0.24	Aug.	0.0	67	172	49	144	......
Brinkley	Monroe	205	48	64.2	106	Aug. 25†	14	Nov. 27	11	47.20	8.55	Jan.	0.12	Oct.	0.0	91	176	89	100	se.
Calico Rock	Izard	361	......	......	......	......	......	......	34	47.76	7.50	Feb.	0.11	Sept.	T.	95	180[a]	49[a]	135[a]	......
Camden	Ouachita	116	47	66.4	106	Aug. 31	16	Nov.** 27	53	44.41	7.08	Nov.	0.85	Sept.	0.0	88	146	78	141	s.
Clarendon	Monroe	172	......	......	......	......	......	......	34	47.76	7.39	Jan.	0.90	Sept.	0.0	99	166	89	110	n.
Clinton	Van Buren	516	......	......	......	......	......	......	17	53.95	7.63	Nov.	1.00	Sept.	1.0	80	153	121	91	s.
Conway	Faulkner	309	42	65.2	109	Aug. 24†	15	Dec. 28	55	55.97	8.88	Feb.	1.42	Oct.	0.5	88	223	85	57	s.
Corning	Clay	293	38	62.0	103	July** 11	12	Jan. 31	45	54.62	12.90	July	0.72	Sept.	T.	86	209	75	81	s.
Cotter	Baxter	440	......	......	......	......	......	......	11	49.54	8.26	Nov.	0.64	Aug.	T.	73	220	45	100	......
Crossett	Ashley	175	15	64.9	102	Aug. 25	10	Dec. 28	26	42.73	8.85	April	1.12	Oct.	T.	76	175	123	67	s.
Danville	Yell	327	......	......	......	......	......	......	22	46.42	7.07	Feb.	0.18	Oct.	T.	106	158	115	92	......
Dardanelle	Yell	330	29	64.7	......	......	16[a]	Jan.** 31	52	47.52	8.44	Feb.	0.37	Oct.	0.0	95	93[a]	171[a]	100[a]	s.
De Queen	Sevier	426	3	65.1	104	Aug.** 25	13	Nov. 27	3	49.99	9.47	Jan.	0.35	Oct.	T.	77	209	61	95	s.
Devils Knob	Johnson	2350	3	59.6	96	Aug. 25†	4	Jan. 26†	2	56.08	10.79	Feb.	0.96	Oct.	1.2	93	196	88	81	s.
Dumas	Desha	162	24	66.0	105	Aug. 25†	12	Nov. 27	33	43.57	8.41	Mar.	0.24	Oct.	T.	86	89	206	70	s.
El Dorado	Union	270	34	66.8	102	July** 5	19	Nov. 27	38	45.94	6.63	July	0.58	Oct.	0.0	87	178	103	84	s.
England	Lonoke	229	31	64.8	105[b]	Aug. 26	18	Dec. 28	32	43.84	7.84	Jan.	0.79	Sept.	0.0	74	199[t]	76[t]	70[t]	s.
Eureka Springs	Carroll	1465	37	61.9	100	Aug. 9†	5	Jan. 31	38	55.86	15.27	May	1.06	Sept.	2.1	94	220	76	69	sw.
Fayetteville	Washington	......	1	62.2	101	Aug. 9	......	......	1	46.93	8.29	May	0.66	Dec.	4.2	101	123	162	80	s.
Fayetteville Exp	Washington	1451	47	61.2	100	Aug. 10	9	Jan. 26†	51	46.99	8.44	May	0.87	Sept.	3.0	101	156	138	71	sw.
Fordyce	Dallas	275	8	66.0	105	Aug. 25†	19[e]	Jan.** 27	10	51.42	8.01	Jan.	0.38	Oct.	0.0	78	160[j]	153[j]	42[j]	s.
Fort Smith	Sebastian	448	57	64.4	101	Aug. 26	14	Jan. 31	57	46.23	9.21	Feb.	1.18	Dec.	0.4	86	147	124	84	e.
Fulton	Hempstead	260	......	......	......	......	......	......	53	55.31	11.04	Jan.	0.28	Oct.	T.	75	180	69	116	......
Georgetown	White	200	......	......	......	......	......	......	26	50.24	8.25	Jan.	0.80	Oct.	T.	79	222[a]	39[a]	108[a]	......
Gilbert	Searcy	600	3	59.8	105	Aug. 27	9	Dec. 28	13	49.81	8.74	Nov.	0.62	Oct.	T.	74	224	25	116	......
Glenwood	Pike	547	......	......	......	......	......	......	3	59.22	9.91	Jan.	0.47	Aug.	0.0	79	171	109	85	......
Grannis	Polk	900	18	61.5	105	Oct. 1	9	Jan. 31	19	58.43	11.58	Jan.	0.61	Oct.	T.	102	159	112	94	se.
Gravette	Benton	1250	40	60.4	103	Aug. 8†	7	Jan. 31	41	44.35	9.87	Feb.	1.04	Oct.	T.	70	192	119	54	sw.
Green Mountain	Stone	1100	2	62.0	......	......	7	Jan. 31	2	47.56	7.22	Feb.	0.42	Sept.	0.7	92	169[p]	100[p]	80[p]	sw.
Hankins‡‡	Drew	......	......	......	......	......	......	......	1	39.25	4.96	Jan.	0.84	Oct.	....	81	......	......	......	......
Harrison	Boone	1052	37	61.3	104	Aug. 25†	8	Jan. 31	38	50.88	8.29	May	0.78	Oct.	3.5	100	247	48	70	sw.
Helena	Phillips	300	40	64.4	102	Aug. 26	14	Nov. 27	66	43.78	7.81	Mar.	0.42	Sept.	0.2	86	166	87	112	s.
Higden	Cleburne	445	......	......	......	......	......	......	19	54.13	10.71	Mar.	0.93	Sept.	T.	87	196	88	81	s.
Highland	Pike	491	9	65.9	105	Aug. 30	17	Jan.** 31	19	56.59	7.85	Nov.	0.60	Oct.	0.0	63	132	147	86	w.
Hope [Evap]	Hempstead	375	32	63.7	104	Aug. 25	15	Nov. 25†	58	58.95	10.28	Jan.	0.30	Oct.	0.0	79	......	......	......	sw.
Hot Springs	Garland	600	41	65.5	109	July** 13	17	Jan.** 27†	47	61.66	9.98	Jan.	0.69	Oct.	T.	97	110	186	69	s.
Index‡‡	Little River	275	......	......	......	......	......	......	21	52.40	10.10	Jan.	0.28	Oct.	0.0	62	230[c]	23[c]	109[c]	......
Jessieville	Garland	750	......	......	......	......	......	......	12	59.12	10.45	Feb.	1.00	June	0.0	50	......	......	......	sw.
Jonesboro	Craighead	345	42	63.0	104	Aug. 26	15	Jan. 31	43	42.95	7.50	Feb.	0.65	Sept.	T.	106	125	113	127	sw.
Judsonia	White	220	......	......	......	......	......	......	2	51.84	8.86	Mar.	1.43	Sept.	0.0	78	186[d]	67[d]	108[d]	......
Lead Hill	Boone	650	21	59.6	105	Aug. 24†	8	Jan.** 31	32	53.08	11.25	May	0.81	Oct.	1.0	86	223	77	65	sw.
LITTLE ROCK	Pulaski	324	59	64.4	102	Aug. 25	18	Jan. 31	59	49.96	9.80	Jan.	0.99	Sept.	T.	95	140	97	128	s.
Little Rock Airport	Pulaski	257	2	64.4	102	Aug. 26	17	Nov.** 27	2	52.99	10.01	Jan.	0.76	Oct.	T.	96	135	107	123	sw.
Lutherville‡‡	Johnson	775	40	63.0	103	Aug. 27	11	Jan. 31	39	64.68	10.10	Feb.	0.10	Oct.	1.0	85	166	94	105	se.
Madison	St. Francis	209	......	......	......	......	......	......	5	44.35	6.92	Jan.	0.25	Oct.	T.	71	145[a]	42[a]	177[a]	......
Magnolia	Columbia	315	19	67.2	......	......	17[d]	Nov. 27	22	48.77	9.60	Nov.	0.80	Oct.	0.0	55	......	......	......	s.
Mammoth Spring	Fulton	600	33	60.5	102	Aug. 24	9	Jan.** 31	34	50.63	6.76	Mar.	0.83	Oct.	T.	75	184	105	76	sw.
Marianna	Lee	235	26	64.6	102	Aug. 26	15	Dec. 28	27	34.11	6.12	Mar.	0.18	Oct.	T.	87	95	234	36	s.
Marked Tree	Poinsett	229	22	62.3	101	Aug. 26	12	Nov. 27	34	47.00	7.20	May	0.59	Oct.	T	90	165	136	64	n.
Mena	Polk	1207	46	63.8	103	Aug. 25†	13	Jan. 31	50	54.08	10.05	Jan.	0.27	Oct.	T.	101	159[a]	89[a]	116[a]	sw.
Monticello Airway	Drew	273	2	66.1	102	Aug. 26†	18	Nov. 27	2	42.64	6.00	July	0.88	Sept.	0.0	77	169	92	104	sw.
Monticello	Drew	......	......	......	......	......	......	......	3	41.31	6.62	July	0.28	Oct.	....	72	......	......	......	......
Montongo‡‡	Drew	......	......	......	......	......	......	......	3	38.34	5.45	April	0.55	Oct.	....	76	......	......	......	......
Morrilton	Conway	315	16	65.4	105	Aug. 26	15	Jan. 31	19	47.75	9.13	Nov.	0.93	Oct.	0.0	82	107	179	79	s.
Mountainburg	Crawford	2010	......	......	......	......	......	......	1	48.66	10.05	Feb.	0.56	Oct.	0.5	92	192	85	88	se.
Mountain Home	Baxter	800	21	61.0	105	Aug. 24	8	Jan.** 31	26	53.59	9.51	May	1.25	Sept.	0.5	83	198	49	118	s.
Mount Ida	Montgomery	702	23	61.7	106	Aug. 26	7	Dec. 28	39	53.08	9.25	Jan.	0.54	Oct.	0.0	77	123[a]	172[a]	119[a]	sw.
Newport	Jackson	231	50	63.5	104	Aug. 24†	13	Jan.** 26	55	43.95	6.38	Mar.	0.24	Sept.	T.	101	193	88	84	n
Norman	Montgomery	687	......	......	......	......	......	......	10	49.62	9.80	Jan.	0.71	Oct.	T.	55	137	94	134	s.
Oden	Montgomery	800	2	64.0	104	Aug. 26	12	Dec. 28	11	53.61	8.81	Jan.	0.30	Oct.	T.	76	133	150	82	s.
Okay	Howard	288	10	66.2	105	Aug.** 27	15	Nov. 25†	10	54.37	8.26	June	0.99	Aug.	0.0	76	211	80	74	s.
Ozark	Franklin	396	41	63.4	103	Aug. 25†	10	Jan. 31	48	49.99	8.22	Feb.	0.76	Oct.	0.0	90	184	59	122	se.
Parkin	Cross	222	......	......	......	......	......	......	8	43.60	8.00	Jan.	0.09	Oct.	0.0	61	180[a]	32[a]	152[a]	......
Pine Bluff	Jefferson	215	50	66.0	105	Aug. 26	17	Nov. 27	51	51.56	8.69	Jan.	0.35	Oct.	0.0	96	138	140	87	sw.
Pine Ridge	Montgomery	840	......	......	......	......	......	......	14	52.88	9.58	Jan.	0.53	Oct.	T.	60	189[b]	91[b]	83[b]	sw.
Plantersville‡‡	Drew	......	......	......	......	......	......	......	1	38.91	4.92	Jan.	1.08	Oct.	....	82	......	......	......	......
Pocahontas	Randolph	300	44	62.6	104	Aug. 24†	12	Jan. 31	45	49.48	8.36	Mar.	0.71	Sept.	0.0	80	164	76	125	ne.
Portland	Ashley	122	32	65.2	100	July 5	16	Nov. 27†	32	41.51	7.30	June	0.90	Sept.	0.0	81	149	180	86	w.
Prescott	Nevada	318	49	66.7	105	Aug. 25	17	Nov. 25	50	55.69	11.32	Jan.	0.35	Oct.	0.0	89	172	85	108	s.
Rock Springs‡‡	Drew	318	......	......	......	......	......	......	3	41.18	5.65	Jan.	0.42	Sept.	....	79	......	......	......	......
Rogers (near)‡‡	Benton	1300	45	61.0	100	Aug. 26†	6	Jan. 31	48	44.81	8.91	May	0.83	Oct.	1.3	81	220[a]	50[a]	94[a]	sw.
Rosebud ‡‡	Faulkner	600	......	......	......	......	......	......	4	50.43	8.47	Jan.	1.04	Oct.	0.0	68	189	111	74	n.
Ross‡‡	Drew	......	......	......	......	......	......	......	1	32.66	4.31	April	0.24	Sept.	....	74	......	......	......	......
Russellville	Pope	326	3	64.2	105	Aug. 25	15	Nov. 27	26	48.03	8.00	Feb.	0.07	Oct.	0.0	92	268	0	102	se.
St. Charles	Arkansas	175	2	64.4	103	Aug. 27	15	Dec. 28	5	47.25	7.85	April	0.18	Oct.	0.0	81	198	79	88	s.
St. Francis	Clay	290	......	......	......	......	......	......	11	46.23	6.64	July	0.52	Oct.	0.8	101	241	27	97	......
Searcy	White	245	25	63.8	105	Aug. 26	15	Nov.** 27	28	57.59	7.72	Mar.	2.94	Dec.	0.0	102	222	24	119	sw.
Springbank ‡‡	Miller	240	......	......	......	......	......	......	29	44.73	9.68	June	0.37	Oct.	T.	78	181[h]	20[h]	158[h]	......
Story	Montgomery	650	......	......	......	......	......	......	14	48.39	8.51	Feb.	0.65	Oct.	T.	67	207[b]	85[b]	71[b]	s.
Stuttgart	Arkansas	214	46	64.8	104	Aug. 27	13	Nov. 27	51	50.07	11.15	Jan.	0.12	Oct.	0.0	80	237	68	60	

Climatological Data for Year, 1938 (continued)

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Stuttgart Evap.	Arkansas	210	3	64.0	102	Aug. 26†	14	Nov. 27	3	46.35	8.21	Jan.	0.21	Oct.	0.0	90	......	......	......	......
Subiaco	Logan	750	41	64.6	104	Aug. ** 25†	15	Jan.** 31	41	50.64	7.01	Feb.	0.23	Oct.	0.5	82	187	104	74	se.
Texarkana	Miller	332	52	67.4	107	Sept. 1	19	Nov. 27	53	51.39	9.80	Jan.	1.51	Aug.	0.0	61	181	108	76	s.
Thornburg	Perry	650	16	62.2	109	Aug. 26	8	Dec. 28	18	52.84	9.59	Nov.	1.76	Aug.	T.	86	154	126	82	s.
Turnpike‡‡	Pope	2240	2	60.4	98	Aug. 27	5	Jan. 31	14	57.33	8.17	Feb.	0.31	Oct.	0.7	84	......	......	......	sw.
Waldron	Scott	675	..	......	......	......	......	......	19	43.52	7.40	Jan.	0.19	Oct.	T.	......	......	......	......	......
Warren	Bradley	206	42	66.3	105	Aug. 25	17[a]	Nov. 27	44	40.89	6.52	April	0.37	Oct.	T.	72	132[a]	83[a]	149[a]	sw.
Whitecliffs	Little River	290	......	......	......	......	......	......	32	46.61	6.92	Jan.	0.65	Oct.	0.0	51	213[a]	43[a]	108[a]	......
Wilson	Mississippi	237	13	62.5	99	Aug. 26	14	Nov. 28†	13	40.09	5.70	Jan.	0.60	Oct.	0.0	......	260	25	80	n.
Wynne	Cross	167	30	64.2	104	Aug. 26	13	Jan. 9	30	45.58	7.43	Jan.	0.17	Oct.	0.0	83	163	113	89	s.

Monthly and Annual Precipitation for the Year 1938, with Departures from the Normal

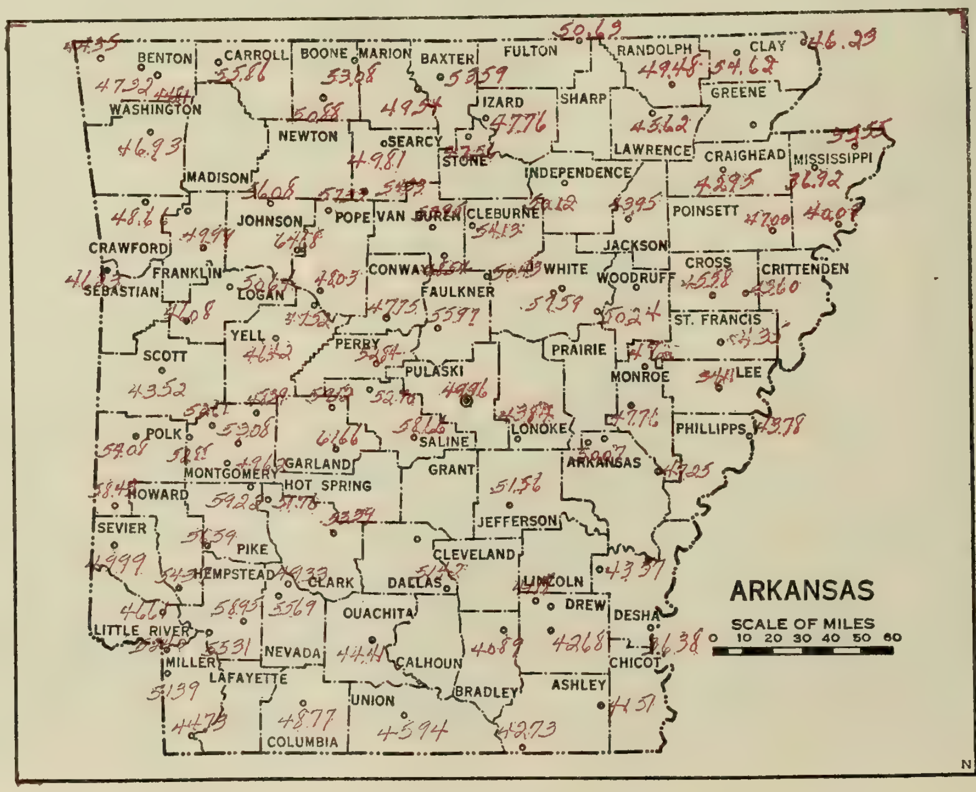
Stations	January: Precipitation	Departure	February: Precipitation	Departure	March: Precipitation	Departure	April: Precipitation	Departure	May: Precipitation	Departure	June: Precipitation	Departure	July: Precipitation	Departure	August: Precipitation	Departure	September: Precipitation	Departure	October: Precipitation	Departure	November: Precipitation	Departure	December: Precipitation	Departure	Annual: Precipitation	Departure
Alum Fork Reser.	6.22	......	8.88	......	5.28	......	4.89	......	3.98	......	0.97	......	5.05	......	2.78	......	0.80	......	1.28	......	9.58	......	2.99	......	52.70	......
Amity	8.14	+3.70	5.86	+2.46	8.75	+4.65	5.67	+0.57	4.83	-0.57	4.01	-0.80	3.08	-0.17	0.91	-3.04	0.30	-3.18	1.79	-1.47	6.23	+2.74	4.19	+0.02	51.76	+ 2.91
Arkadelphia	6.90	+2.07	5.20	+1.59	5.93	+1.46	5.14	+0.27	3.50	-1.63	5.77	+1.16	5.74	+2.05	2.68	-0.95	0.92	-2.42	1.12	-2.30	6.28	+2.73	4.21	-0.67	53.39	+ 3.36
Arkansas City	4.39	-0.16	3.02	-1.30	3.92	-1.28	4.80	-0.40	0.87	-4.10	5.67	+2.05	0.66	-2.99	4.86	+0.90	1.66	-1.29	0.89	-1.73	2.77	-1.01	2.88	-3.10	36.38	-14.41
Batesville Airway	4.00	......	7.76	......	7.30	......	5.37	......	4.23	......	5.93	......	4.62	......	1.88	......	0.30	......	2.88	......	3.98	......	1.87	......	50.12	......
Batesville	4.98	+0.30	7.90	+4.46	7.04	+2.76	5.24	+0.49	4.76	-0.23	5.99	+2.07	4.69	+0.87	2.36	-2.05	0.66	-3.09	3.11	-0.08	3.66	+0.23	2.01	-1.91	52.40	+ 3.82
Bee Branch	4.85	+0.30	5.50	+2.46	9.49	+5.11	4.20	-0.65	3.41	-1.65	3.29	-1.20	6.10	+2.69	1.20	-2.83	1.80	-1.40	2.00	-1.56	4.60	+0.94	2.10	-2.07	48.54	+ 0.14
Benton	9.48	......	5.09	......	6.53	......	5.53	......	7.59	......	2.30	......	5.95	......	2.30	......	0.35	......	1.31	......	7.72	......	4.51	......	58.66	......
Bentonville	3.11	+0.44	7.33	+5.19	5.01	+0.98	3.91	-0.44	7.96	+2.75	5.17	+0.95	3.25	-1.09	2.50	-1.56	1.46	-2.22	0.46	-3.16	6.09	+3.08	1.07	-1.31	47.32	+ 3.61
Big Lake Outlet	4.67	......	4.58	......	5.21	......	2.22	......	4.87	......	4.12	......	2.98	......	1.42	......	1.15	......	0.97	......	2.19	......	2.54	......	36.92	......
Black Rock	4.53	-0.08	7.52	+4.27	7.96	+3.60	4.27	-0.75	4.78	+0.05	3.20	-0.55	2.93	-0.81	1.26	-2.85	0.86	-3.09	1.14	-2.24	5.05	+1.14	2.12	-1.98	45.62	- 3.29
Blytheville	4.91	-1.01	4.52	+1.74	3.36	-1.98	2.66	-1.90	4.47	+0.55	4.90	+0.84	4.01	+0.79	1.18	-3.73	0.89	-2.56	0.64	-2.88	1.35	-2.88	2.66	-1.68	35.55	-14.70
Booneville	5.97	+2.37	6.90	+4.30	3.90	-0.13	4.01	-0.29	5.51	-0.17	3.03	-1.17	4.22	+0.67	3.08	-1.05	2.64	-0.39	0.53	-2.75	4.18	+0.94	2.16	-0.88	46.08	+ 1.45
Boughton	9.25	......	5.04	......	5.57	......	5.65	......	3.07	......	4.35	......	2.62	......	0.24	......	2.36	......	0.90	......	6.22	......	4.66	......	49.33	......
Brinkley	8.55	+3.36	6.71	+2.51	6.48	+1.19	6.50	+1.04	2.19	-3.20	4.07	+0.34	1.21	-3.07	1.73	-1.94	2.80	-1.18	0.12	-3.40	3.63	-0.38	3.21	-1.90	47.20	- 6.58
Calico Rock	2.87	-1.60	7.50	+4.74	6.29	+2.25	4.09	-0.27	7.07	+2.42	2.77	-0.81	4.88	+1.94	2.38	-1.98	0.11	-3.26	1.10	-1.79	5.90	+2.39	2.80	-0.78	47.76	+ 3.25
Camden	6.67	+1.93	3.15	-0.70	4.48	-0.15	5.43	+0.65	2.84	-1.88	3.12	-1.09	2.55	-1.46	2.79	-0.49	0.85	-2.36	0.95	-2.04	7.08	+3.14	4.50	-0.67	44.41	- 5.12
Clarendon	7.39	+2.75	6.27	+2.35	6.57	+1.68	3.72	-1.59	3.43	-1.13	4.43	+0.84	3.95	+0.36	3.48	-0.20	0.90	-2.54	0.96	-2.28	3.53	-0.32	3.13	-1.92	47.76	- 2.05
Clinton	4.35	-0.22	7.17	+4.20	5.57	+1.01	4.75	+0.29	4.59	-0.24	6.57	+2.88	6.72	+4.15	2.21	-2.37	1.00	-2.68	1.30	-3.05	7.63	+4.19	2.09	-1.90	53.95	+ 6.26
Conway	7.65	+2.94	8.88	+5.42	5.83	+1.55	6.31	+1.26	4.09	-0.97	2.18	-1.70	5.12	+1.58	1.61	-1.95	1.52	-1.95	1.42	-2.00	7.78	+4.18	3.58	-0.66	55.97	+ 7.70
Corning	4.51	-0.22	6.22	+2.87	8.16	+3.80	2.58	-2.52	5.27	+0.54	3.55	-0.52	12.90	+9.50	2.02	-2.27	0.72	-2.92	1.49	-1.89	4.03	+0.27	3.17	-0.70	54.62	+ 5.94
Cotter	3.81	+0.45	6.13	+3.48	4.99	+1.86	4.52	+0.71	7.19	+2.30	3.15	-1.80	4.08	+0.98	0.64	-2.78	2.08	-1.33	2.22	-1.73	8.26	+5.93	2.47	-0.83	49.54	+ 7.24
Crossett	3.84	-0.94	2.91	-0.83	4.85	-0.29	8.85	+3.16	4.38	-0.27	4.92	+1.00	1.60	-2.85	2.96	-0.36	1.81	-0.82	1.12	-2.38	3.55	-0.33	1.95	-4.11	42.73	- 9.02
Danville	6.87	+2.93	7.07	+4.29	4.51	+0.77	4.82	+0.45	3.07	-2.72	1.94	-2.35	3.86	+0.40	2.77	-1.27	2.87	-0.52	0.18	-3.66	6.19	+3.12	2.27	-1.22	46.42	+ 0.22
Dardanelle	6.51	+2.89	8.44	+5.56	5.50	+1.52	5.04	+0.89	4.72	-0.47	2.41	-1.27	2.99	-0.10	1.95	-1.68	2.49	-0.80	0.37	-3.03	4.66	+1.35	2.44	-1.13	47.52	+ 3.73
De Queen	9.47	......	7.15	......	6.18	......	5.33	......	5.32	......	7.00	......	2.09	......	1.52	......	1.92	......	0.35	......	2.33	......	1.33	......	49.99	......
Devils Knob	5.65	......	10.79	......	5.44	......	6.10	......	5.34	......	4.49	......	2.96	......	2.48	......	2.41	......	0.96	......	7.24	......	2.22	......	56.08	......
Dumas	5.90	+0.88	4.40	-0.21	8.41	+2.65	4.24	-0.56	2.26	-1.21	2.06	-1.75	3.23	-1.38	5.45	+1.86	1.44	-1.45	0.24	-2.98	3.43	-0.77	2.51	-3.78	43.57	- 8.70
El Dorado	3.80	-0.93	3.61	+0.01	4.61	-0.35	6.46	+1.23	1.92	-1.56	4.85	+1.16	6.63	+2.59	3.58	+0.58	1.55	-1.60	0.58	-2.74	5.61	+1.55	2.74	-3.47	45.94	- 3.53
England	7.84	+2.94	5.68	+1.88	6.71	+1.87	4.58	-0.99	3.19	-1.30	2.71	-1.12	3.08	-0.21	2.37	-1.27	0.79	-2.98	1.40	-1.73	2.11	-1.68	3.38	-1.56	43.84	- 6.15
Eureka Springs	4.03	+0.83	6.54	+4.08	5.96	+1.98	3.79	-1.13	15.27	+9.68	6.53	+1.15	2.62	-1.68	2.18	-2.79	1.06	-3.16	1.20	-2.51	5.30	+2.20	1.38	-1.42	55.86	+ 7.23
Fayetteville	3.14	......	6.58	......	5.72	......	3.60	......	8.29	......	4.85	......	2.49	......	2.86	......	1.51	......	2.20	......	5.03	......	0.66	......	46.93	......
Fayetteville Exp.	3.33	+0.33	6.51	+4.31	5.64	+1.94	4.46	-0.14	8.44	+3.15	6.37	+1.63	1.80	-2.11	2.44	-1.60	0.87	-2.68	1.32	-2.38	4.58	+1.71	1.23	-1.47	46.99	+ 2.69
Fordyce	8.01	......	4.64	......	5.07	......	6.21	......	6.00	......	3.35	......	5.79	......	1.26	......	1.79	......	0.38	......	4.57	......	4.35	......	51.42	......
Fort Smith	3.51	+0.97	9.21	+6.65	3.38	+0.37	4.79	+0.85	6.65	+1.83	4.63	+0.91	1.34	-2.03	3.03	-0.25	2.13	-0.86	1.96	-1.03	4.42	+1.55	1.18	-1.58	46.23	+ 7.38
Fort Smith Water P.	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	1.11	......	0.63	......	4.60	......	1.00	......	......	......
Fulton	11.04	+6.41	4.23	+0.80	4.99	+0.65	4.19	-0.48	3.35	-1.80	9.90	+5.74	4.77	+1.02	1.63	-1.57	1.91	-0.74	0.28	-2.58	5.11	+1.61	3.91	-0.31	55.31	+ 9.25
Georgetown	8.25	+3.23	5.67	+1.99	7.18	+2.49	4.36	-0.85	2.49	-2.26	4.84	+0.35	5.14	+1.78	1.25	-2.46	0.95	-2.94	0.80	-2.59	6.66	+2.87	2.65	-1.80	50.24	- 0.16
Gilbert	3.97	+0.16	8.24	+6.01	5.17	+2.45	4.66	-0.45	6.86	+2.42	3.58	-0.25	2.31	-1.18	1.86	-2.02	1.38	-2.95	0.62	-4.06	8.74	+6.39	2.42	-0.91	49.81	+ 5.61
Glenwood	9.91	......	7.14	......	9.81	......	5.01	......	6.10	......	5.35	......	1.43	......	0.47	......	3.20	......	1.06	......	6.82	......	3.42	......	59.22	......
Grannis	11.58	+6.78	7.39	+3.13	5.96	+1.02	5.47	-0.83	6.02	-0.41	5.15	+0.13	5.50	-0.75	1.69	-1.95	1.41	-3.41	0.61	-3.61	5.54	+1.42	2.11	-2.77	58.43	- 1.25
Gravette	3.24	+0.46	9.87	+7.98	5.55	+1.93	2.25	-2.31	6.19	+0.77	4.87	-0.68	1.08	-3.09	2.76	-1.37	2.06	-1.65	1.04	-2.69	4.24	+1.05	1.20	-1.21	44.35	- 0.78
Green Mountain	3.02	......	7.22	......	6.40	......	3.79	......	6.57	......	3.95	......	3.57	......	1.50	......	0.42	......	2.33	......	6.26	......	2.53	......	47.56	......
Hankins	4.96	......	4.27	......	4.28	......	4.69	......	2.18	......	2.70	......	2.55	......	3.06	......	1.92	......	0.84	......	3.69	......	4.11	......	39.25	......
Harrison	4.37	+1.20	7.86	+5.36	4.87	+1.28	3.75	-1.19	8.29	+3.08	5.20	+0.80	1.94	-2.17	2.03	-2.00	1.85	-2.18	0.78	-2.35	8.14	+5.33	1.80	-1.06	50.88	+ 6.10
Helena	7.54	+2.38	5.00	+1.11	7.81	+2.10	5.81	+0.71	2.42	-2.27	5.05	+1.69	0.97	-2.73	3.31	-0.51	0.42	-2.66	0.79	-2.19	1.66	-2.78	3.00	-2.43	43.78	- 7.58
Higden	4.43	-0.15	6.77	+4.09	10.71	+6.45	4.40	-0.50	4.91	-0.41	5.26	+1.29	4.36	+0.91	1.17	-3.22	0.93	-2.76	4.12	+0.67	5.02	+0.46	2.05	-1.84	54.13	+ 4.99
Highland	7.83	+3.25	6.09	+2.72	7.00	+2.63	6.01	+1.87	4.21	-0.91	6.52	+2.42	2.01	-1.85	2.68	-1.10	1.69	-1.51	0.60	-2.57	7.85	+4.33	4.10	-0.16	56.59	+ 9.12
Hope	10.23	+5.43	5.01	+1.19	5.91	+1.23	5.42	+0.43	2.84	-2.36	5.52	+2.00	9.14	+4.78	1.19	-1.78	1.63	-1.78	0.30	-2.61	7.10	+3.34	4.66	-0.11	58.95	+ 9.76
Hot Springs	9.98	+5.12	6.02	+2.51	8.99	+4.56	6.31	+0.32	5.85	-0.16	2.17	-2.48	3.45	-1.15	3.06	-0.76	1.54	-1.96	0.69	-2.74	8.94	+5.04	4.66	-0.01	61.66	+ 8.29
Index	10.10	+6.46	3.83	+1.02	5.75	+1.71	3.63	-0.55	2.44	-1.98	8.50	+5.62	3.20	-0.14	1.93	-1.36	3.38	+0.60	0.28	-2.62	5.26	+2.36	4.10	+0.39	52.40	+11.51
Jessieville	9.65	+3.49	10.45	+7.49	7.65	+3.34	5.79	+0.13	2.78	-3.26	1.00	-3.14	4.40	+0.96	1.20	-2.32	1.85	-1.31	1.95	-1.71	8.30	+3.97	4.10	-0.48	59.12	+ 7.16
Jonesboro	5.01	-0.01	7.50	+3.86	5.57	+1.01	2.72	-2.07	4.57	+0.38	3.17	-0.77	5.53	+2.24	1.83	-1.89	0.65	-2.76	0.68	-2.78	3.44	+0.05	2.28	-2.35	42.95	- 5.09
Judsonia	7.06	......	6.22	......	8.86	......	4.19	......	4.24	......	4.40	......	2.06	......	3.10	......	1.43	......	1.66	......	5.88	......	2.74	......	51.84	......
Lead Hill	3.97	+1.26	7.13	+4.89	5.10	+1.46	3.81	-0.13	11.25	+6.42	4.62	-0.63	1.56	-1.89	1.46	-2.78	2.47	-0.59	0.81	-2.33	8.60	+5.84	2.30	-0.39	53.08	+11.13
LITTLE ROCK	9.80	+5.07	4.87	+1.03	7.18	+2.56	4.04	-1.15	3.42	-1.36	2.92	-0.84	2.50	-1.00	3.46	-0.29	0.99	-2.18	1.37	-1.34	6.07	+1.88	3.34	-0.80	49.96	+ 1.58
Little Rock Airway	10.01	......	4.75	......	7.91	......	4.51	......	2.85	......	3.32	......	4.80	......	3.18	......	1.15	......	0.76	......	6.33	......	3.42	......	52.99	......
Lutherville	6.24	+2.31	10.10	+7.02	8.24	+4.23	6.09	+1.25	7.25	+1.98	5.11	+0.61	5.70	+1.95	2.16	-1.69	1.50	-2.41	0.10	-3.90	6.08	+2.67	6.11	+2.17	64.68	+16.19
Madison	6.92	......	5.56	......	6.06	......	3.61	......	4.20	......	3.72	......	4.12	......	3.62	......	1.10	......	0.25	......	3.04	......	3.15	......	44.35	......
Magnolia	3.35	-1.21	2.67	-1.12	3.25	-1.21	8.03	+3.19	4.01	-0.46	4.31	+0.49	7.50	+4.04	0.90	-2.14	2.40	-0.03	0.80	-2.05	9.60	+5.57	1.95	-3.34	48.77	+ 1.73
Mammoth Spring	3.12	-0.34	5.75	+2.81	6.76	+3.10	3.47	-1.39	5.54	+0.95	6.70	+2.38	5.13	+1.31	2.10	-2.17	2.18	-1.35	0.83	-2.50	6.30	+3.03	2.75	-0.63	50.63	+ 5.20
Marianna	5.39	+0.50	3.78	-0.16	6.12	+1.45	3.97	-0.58	1.94	-2.34	3.21	-0.26	2.73	-0.74	0.84	-2.42	1.94	-1.57	0.18	-3.07	1.34	-2.16	2.67	-2.12	34.11	-13.47
Marked Tree	6.75	+1.06	4.76	+0.94	6.86	+1.97	3.73	-1.25	7.20	+2.50	5.60	+2.38	1.99	-1.61	2.87	-0.76	0.81	-2.15	0.59	-3.36	2.63	-1.52	3.21	-1.43	47.00	- 3.13
Mena	10.05	+6.11	7.34	+4.02	5.71	+1.48	4.97	-0.74	5.92	-0.32	4.76	-0.24	2.13	-1.67	3.76	-0.58	0.75	-3.17	0.27	-3.81	4.68	+1.06	3.74	-0.23	54.08	+ 1.91
Monticello Airway	5.16	......	3.16	......	5.07	......	5.02	......	2.11	......	4.44	......	6.00	......	3.14	......	0.88	......	0.95	......	3.62	......	3.09	......	42.64	......
Monticello	3.98	......	3.59	......	5.75	......	5.54	......	2.38	......	4.63	......	6.62	......	1.96	......	0.98	......	0.28	......	2.45	......	3.17	......	41.81	......
Montongo	5.17	......	3.95	......	4.52	......	5.45	......	2.21	......	2.47	......	2.22	......	2.95	......	1.07	......	0.55	......	4.40	......	3.38	......	38.34	......

Monthly and Annual Precipitation for the Year 1938, with Departures from the Normal, continued

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Morrilton	5.33	+1.47	6.12	+3.38	5.78	+2.10	4.76	+0.54	3.11	−1.80	3.80	0.00	2.59	−0.11	2.95	−0.65	1.06	−1.93	0.93	−2.45	9.13	+5.85	2.19	−1.69	47.75	+4.71
Mountainburg	3.61	......	10.05	......	3.93	......	4.41	......	5.23	......	4.16	......	3.10	......	4.64	......	2.31	......	0.56	......	5.45	......	1.21	......	48.66	......
Mountain Home	3.55	+0.52	5.85	+3.10	6.63	+3.12	4.65	−0.04	9.51	+4.50	3.76	−0.68	3.63	−0.21	2.22	−2.06	1.25	−3.05	2.22	−1.62	7.20	+4.37	2.82	−0.54	53.59	+7.41
Mountain Valley	....	......	....	......	....	......	....	......	....	......	....	......	....	......		......	....	......	0.98	......	8.29	......	3.37	...	....	......
Mount Ida	9.25	+4.91	8.14	+4.60	6.08	+1.92	5.18	−0.71	5.62	−0.31	2.66	−1.63	2.65	−1.08	0.78	−2.72	1.71	−2.41	0.54	−3.14	6.85	+2.42	3.62	−0.48	53.08	+1.37
Newport	5.79	+0.55	6.30	+3.06	6.38	+1.96	3.13	−1.85	5.43	+1.07	5.15	+1.23	1.03	−2.06	1.66	−2.26	0.24	−3.49	1.82	−1.71	4.67	+1.03	2.35	−1.86	43.95	−4.33
Norman	9.80	......	7.41	......	5.46	......	4.78	......	1.29	......	1.90	......	2.86	......	4.16	......	2.40	......	0.71	......	5.84	......	3.01	....	49.62	......
Oden	8.81	......	7.59	......	4.63	......	5.27	......	6.63	......	3.66	....	3.75	......	2.06	......	2.66	......	0.30	......	6.47	......	1.78	......	53.61	......
Okay	6.63	......	4.77	......	7.10	......	6.25	......	2.83	......	8.26	......	4.60	......	0.99	......	1.62	...	1.16	......	6.16	......	4.00	......	54.37	......
Ozark	5.83	+2.93	8.22	+5.85	4.33	+1.17	5.11	+1.03	5.47	+0.68	5.20	+1.17	2.11	−0.91	4.48	+0.75	1.53	−1.28	0.76	−2.43	4.70	+1.91	2.25	−0.76	49.99	+10.11
Paragould	....	......	....	......	....	......	....	......	....	......	....	......	....	......		......	....	......	0.53	−2.42	2.72	−0.73	2.12	−2.41	....	......
Parkin	8.00	......	4.43	......	6.12	......	5.59	......	4.47	......	3.33	......	1.79	......	1.76	......	1.33	......	0.09	......	3.48	......	3.21	......	43.60	......
Pine Bluff	8.69	+3.50	6.47	+2.56	6.45	+1.28	6.09	+0.58	5.84	+1.17	2.12	−1.80	2.31	−1.25	2.73	−0.70	1.93	−1.68	0.35	−2.95	3.96	−0.04	4.62	−0.94	51.56	−0.27
Pine Ridge	9.58	+4.98	7.13	+3.59	5.24	+0.49	6.29	+0.83	6.12	+0.85	4.52	+0.03	2.24	−1.39	1.95	−0.43	1.35	−1.62	0.53	−4.15	6.58	+2.33	1.35	−3.10	52.88	+2.41
Plantersville	4.92	......	3.96	......	4.36	......	4.69	......	1.86	......	3.28	......	1.76	......	4.01	......	1.16	......	1.08	......	3.99	......	3.84	......	38.91	......
Pocahontas	3.94	−0.61	8.31	+4.97	8.36	+4.00	4.31	−0.54	5.73	+0.85	2.80	−1.56	3.74	−0.37	1.77	−3.08	0.71	−2.97	2.21	−1.23	5.15	+1.64	2.45	−1.58	49.48	−0.48
Portland	4.36	−0.33	2.86	−1.31	4.37	−0.80	4.13	−0.60	0.92	−4.43	7.30	+3.83	3.54	−0.56	5.40	+2.19	0.90	−1.59	1.44	−1.41	3.89	−0.04	2.40	−3.77	41.51	−8.82
Prescott	11.32	+6.58	6.55	+2.85	5.46	+0.96	6.39	+1.47	3.12	−1.93	5.75	+1.50	2.18	−1.81	1.45	−1.86	1.78	−1.57	0.35	−2.75	6.34	+2.71	5.00	+0.45	55.69	+6.60
Rock Springs	5.65	......	3.65	......	4.91	......	5.12	......	2.22	......	3.38	......	2.37	......	4.98	......	0.42	......	0.48	......	3.95	......	4.05	......	41.18	......
Rogers (near)	3.20	+0.54	6.12	+4.25	5.04	+1.64	3.85	−0.59	8.91	+3.85	4.86	−0.26	2.42	−2.02	2.77	−1.13	0.92	−2.87	0.83	−2.40	5.00	+2.08	0.89	−1.45	44.81	+1.64
Rosebud ‡‡	8.47	......	7.34	......	5.01	......	6.42	......	3.18	......	4.72	......	3.39	......	2.50	......	1.93	......	1.04	......	3.57	......	2.86	......	50.43	......
Ross	4.27	......	3.56	......	3.78	......	4.31	......	1.74	......	2.55	......	2.93	......	3.13	......	0.24	......	0.30	......	3.15	......	2.70	......	32.66	......
Russellville	6.83	+3.38	8.00	+4.72	5.30	+0.42	4.96	+0.96	4.04	−1.55	2.83	−1.25	4.22	−0.05	1.72	−1.71	1.12	−2.93	0.07	−2.69	6.26	+2.31	2.68	−0.33	48.03	+1.28
St. Charles	7.35	......	3.45	......	7.08	......	7.85	......	2.28	......	2.81	......	4.54	......	1.57	......	4.32	......	0.18	......	2.74	......	3.08	......	47.25	......
St. Francis	4.96	−1.18	6.41	+2.98	6.20	+0.80	2.76	−1.30	4.48	+0.53	2.98	−1.00	6.64	+2.32	1.12	−3.12	2.10	−2.86	0.52	−3.50	4.99	+1.21	3.07	−1.30	46.23	−6.42
Searcy	6.70	+1.91	7.25	+3.92	7.72	+3.66	4.23	−0.10	4.59	+0.15	3.95	−0.05	3.77	+0.86	3.37	−0.68	3.34	−0.09	3.55	+0.41	6.38	+2.50	2.94	−1.30	57.59	+10.99
Springbank	3.19	−0.82	2.56	−0.84	3.57	−0.82	5.59	+0.34	2.90	−1.63	9.68	+6.02	1.71	−2.49	1.92	−1.18	2.97	0.00	0.37	−2.30	6.49	+2.68	3.78	−1.14	44.73	−2.18
Story	7.57	+3.55	8.51	+5.05	6.46	+2.18	4.90	−1.26	3.93	−1.14	1.94	−1.69	2.95	−0.65	0.80	−2.04	2.11	−0.83	0.65	−3.20	6.81	+2.85	1.76	−3.33	48.39	−0.51
Stuttgart	11.15	+6.11	5.78	+1.80	7.43	+2.44	3.17	−1.90	2.92	−1.93	5.47	+1.72	3.76	+0.32	2.22	−1.17	1.20	−2.30	0.12	−3.33	2.72	−1.10	4.13	−0.99	50.07	−0.33
Stuttgart (Evap.)	8.21	......	4.06	......	7.57	......	4.61	......	2.15	......	4.41	......	3.77	......	2.22	......	1.83	......	0.21	......	3.26	......	4.05	......	46.35	......
Subiaco	6.71	+3.10	7.01	+4.16	5.20	+1.47	5.00	+0.42	4.44	−0.83	4.99	+0.96	4.51	+1.14	1.60	−2.19	1.76	−1.67	0.23	−3.23	6.16	+3.07	3.03	−0.24	50.64	+6.16
Texarkana	9.80	+5.72	3.98	+0.60	4.74	+0.48	5.08	+0.12	2.65	−1.95	6.92	+3.06	2.70	−1.46	1.51	−2.11	3.14	+0.40	1.84	−1.59	4.83	+1.41	4.20	−0.15	51.39	+4.53
Thornburg	6.02	+1.62	5.51	+2.09	4.98	+1.12	5.27	+0.01	3.25	−2.49	4.09	−0.81	4.94	+0.69	1.76	−2.29	2.00	−1.50	2.19	−1.31	9.59	+5.99	3.24	−0.74	52.84	+2.38
Turnpike	4.99	+0.43	8.17	+5.15	5.95	+1.46	5.43	+0.17	7.92	+2.20	5.84	+0.94	3.20	−0.53	2.06	−1.97	3.39	−1.76	0.31	−5.00	6.85	+3.04	3.22	−1.03	57.33	+3.10
Underwood	4.28		3.48	......	5.00	......	4.94	......	1.81	......	3.86		2.74	......		......		......	....	......	....	......	....	......	....	......
Waldron	7.40	+3.57	7.15	+3.60	3.28	−0.99	4.02	−1.74	4.21	−1.79	2.65	−1.97	*3.20*	−0.48	3.59	−0.12	0.73	−2.44	0.19	−3.30	4.12	+0.79	2.98	−0.65	43.52	−5.52
Warren	6.01	+1.19	2.78	−1.47	4.32	−0.87	6.52	+1.35	1.78	−2.92	3.62	−0.10	6.08	+2.31	1.64	−1.89	0.49	−3.55	0.37	−3.16	3.90	−0.04	3.29	−2.64	40.89	−11.79
Whitecliffs	6.92	+3.02	4.21	+1.06	6.74	+2.55	4.60	−0.44	2.35	−2.03	4.37	+0.81	4.33	+1.28	1.48	−1.19	2.40	−0.19	0.65	−2.42	5.14	+2.11	3.42	−0.60	46.61	+3.96
White Rock		......	..	......	6.96	......	3.38	......	7.68	......	4.66	......	4.88	......	3.40	...	0.68	......	0.74	......	4.74		2.06	...		......
Wilson	5.70	+0.03	4.27	+1.12	4.50	−0.91	3.32	−1.97	5.55	+0.55	4.88	+1.57	4.85	+0.83	0.95	−2.97	0.89	−1.27	0.60	−2.71	1.30	−2.84	3.28	−1.74	40.09	−10.31
Witt Springs	*4.44*	......	*7.86*	......	5.70	......	4.41	......	7.06	......	3.90	......	2.51	......	4.90	......	1.34	......	0.14	......	8.28	...	3.79	......	54.33	......
Wynne	7.43	+2.27	4.84	+1.16	7.19	+2.34	5.55	+0.33	3.83	−0.89	4.47	+0.57	3.06	−0.66	0.48	−3.23	1.66	−1.85	0.17	−3.52	3.92	+0.01	2.98	−1.87	45.58	−5.34
Yancopin	5.49	+0.50	2.37	−1.85	6.80	+1.21	5.04	+1.29	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......

Amounts in italics are estimated.

Precipitation for Year 1938



Monthly and Annual Mean Temperatures for the Year 1938, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	41.6	......	50.0	.....	59.2	......	61 6	......	69.4	......	*74.0*	......	*81.0*	......	82.7	......	76.4	.....	67.4	......	50.2	......	43.2	.....	63.1	.....
Amity	42.5	− 0.9	50.7	+ 5 9	59.2	+ 5.2	62.2	+ 0.4	69.8	+ 0.6	76.6[e]	− 0.8	84.6	+ 3.6	84.1	+ 3.4	75.5[e]	+ 0.7	66.6	+ 3.2	46.0	− 6.2	43.0[a]	+ 0.1	63.4	+ 1.3
Arkadelphia	*44.5*	......	55.6	......	62.5	......	65.4	......	72.2	......	77.8	......	83.6	......	84.1	......	77.2	.....	69.0	......	53.3	......	45.8	......	65.9	......
Batesville (Airway)	40.0	+ 1.6	50.1	+ 9.3	59.9	+ 9.7	62.0	+ 3.2	70.2	+ 3.2	74.6	− 0.8	81.5	+ 1.7	84.1	+ 5.1	76.8	+ 4.2	66.8	+ 6.2	51.0	+ 1.8	43.3	+ 3.3	63.4	+ 4.1
Bee Branch	40.2	− 0.8	48.8	+ 6.0	59.2	+ 7.4	60.4	− 9.6	69.6	+ 1.3	76.2	− 0.7	83.0	+ 2.4	83.5	+ 3.8	75.4	+ 1.2	65.8	+ 3.3	48.7	− 2.1	42.4	+ 0.4	62.8	+ 1.8
Benton	42 4	......	50.2	......	60.5	......	62.4	......	69.3	......	73.8	....	81.8	.....	82.0	......	75.0	......	64.6	......	47.1	......	41.0	......	62.5	......
Bentonville	38.2	+ 2.0	46.0	+ 6.4	56.2	+ 7.8	59.1	+ 1.5	66 4	+ 1.4	73.4	− 0.4	79.2	+ 1.8	81.7	+ 4.9	72.8	+ 2.0	65.6	+ 6.7	47.2	− 1.0	40.1	+ 2.1	60.5	+ 3.0
Blytheville	40.2	− 1.8	49.4	+ 4.2	59.6	+ 8.0	63.1	+ 1.5	70.8	+ 0.6	75.6	− 2.2	81.8	− 0.2	83.4[h]	+ 3.8	74.4	0.0	65.4	+ 2.0	50.0	− 1.4	41.0	− 1 6	62.9	+ 1.1
Booneville	43.3	+ 1.5	50.2	+ 4.0	61.2	+ 8.0	62.2	0.0	70.1	+ 0.3	76.8	+ 0.6	82 9	+ 0.9	83.7	+ 1.6	76.3	+ 0.7	67.8	+ 3.8	50.9	− 1.7	45.0	+ 1.2	64.2	+ 1.7
Brinkley	43.4	+ 1.0	52.7	+ 8 5	61.2	+ 7.9	62.8	+ 0.8	71.4	+ 1.4	75.8	− 2.0	82.8	+ 1.7	83.0	+ 2.6	76.8	+ 2.0	65.8	+ 3.2	51.4	− 0.5	43.2	− 0.6	64.2	+ 2.2
Camden	47.6	+ 3.6	54.9	+ 7.7	64.6	+ 9.6	65.2	+ 1.8	72.8	+ 2.0	78.5	+ 0.1	83.6	+ 2.4	83.8	+ 3.2	76.9	+ 1.4	67.8	+ 3.9	54.6	− 2.4	46.9	+ 1.9	66.4	+ 3.3
Carthage	....	......	51.8	+ 7.0	61.9	+ 4.9	63.8	+ 1.8	71.0	+ 2.5	83 3	+ 2.5	....	......	83.4	+ 2.4	76.4	+ 2.0	...	......	....	......	..	......	....	......
Conway	43.0	+ 0.8	52.2	+ 7.8	61.8	+ 8.0	63.4	+ 1.3	71.4	+ 1.4	77.6	− 0.7	84.5	+ 2.5	85.8	+ 4.2	78.2	+ 2.9	67.7	+ 4.2	51.6	− 0.3	44.8	+ 2.0	65.2	+ 2.9
Corning	38.2	0.0	48.6	+ 8.6	58.6	+ 7.9	61.6	+ 1.6	69.4	+ 1.4	74.6	− 1.4	81.7	+ 1.9	81.4	+ 2.9	74.4	+ 1.8	64.1	+ 4.1	50.3	− 1.7	41.0	+ 1.1	62.0	+ 2.6
Crossett	46.2	0.0	54.6	+ 5.2	63.0	+ 7.6	62.8	− 2.0	71.4	− 0.4	76.4	− 3.0	80.8	− 1.6	83.0	+ 1.0	76.4	+ 0.9	66.4	+ 0.6	52.4	− 1.6	45.7	− 0.9	64.9	+ 0.5
Dardanelle	43.4[a]	+ 2.0	51.2	+ 6.4	61.8	+ 9.0	63.4	+ 1.1	71.8	+ 2.0	77.8	− 0.4	*83.9*	+ 1.9	83.8	+ 3.0	76.8	+ 1.6	67.0	+ 3.6	51.0	− 0.9	44.2	+ 1.8	64.7	+ 2.6
De Queen	45.6	......	52.9	.. ...	62.4	......	63.4	......	71.8[f]	.....	77.8	......	82.4	......	83.6	......	76 8	... ..	68 3	....	51.0	.....	45.1	.. ..	65.1	......
Devils Knob	38.2	......	45.6	.. ...	58.9	......	58.3	......	65.2	......	71.2	......	78.2	......	79.6	......	70.4	......	64.4	......	45.8	......	39.8	... ..	59.6	......
Dumas	46.4	+ 1.5	54.8	+ 5.8	63.1	+ 7.8	64.9	+ 1.3	73.2	+ 2.0	77.6	− 1.8	84.2	+ 1.9	84.0	+ 2.5	76.1	0.0	67.8	+ 2.6	53.4	− 0.3	46.4	− 0.2	66.0	+ 1.9
El Dorado	48.3	+ 1 9	55.6	+ 6.6	64.4	+ 8.2	65.3	+ 0 5	73.4	+ 2.0	78.8	− 0.8	83.4	+ 1.0	83.9	+ 1.7	76.8	− 0.4	68.7	+ 2.7	55.2	0.0	47 8	+ 1.0	66.8	+ 2.0
England	43.8[b]	+ 0.4	52.3[a]	+ 5.5	61.4[a]	+ 7.0	63.0	+ 0.2	71.0[c]	+ 1.2	77.0[e]	− 1.0	82.6[d]	+ 1.0	84.2[b]	+ 3.4	77.2	+ 1.8	66.8	+ 2.8	52.3	− 0.9	45.6	+ 1.6	64.8	+ 2.0
Eureka Springs	39.4	+ 0.8	48.0	+ 6.8	58.2	+ 8.1	59.9	+ 0.9	66.6	+ 0.2	73.3	− 1.1	80.0	+ 1.4	82.7	+ 4.3	74.8	+ 2.8	68.6	+ 7.8	49.5	− 1.4	42.1	+ 2.3	61.9	+ 2.7
Fayetteville	*40.4*	......	*48.7*	.....	*58.8*	......	61 5[c]	....	67.6	......	74.8	.....	80.6	......	82.2	......	73.8	......	66.8	......	49.2	.....	42.1	.....	62.2	.....
Fayetteville Exp.	39.4	+ 1.0	47.7	+ 7.3	57.8	+ 8.3	59 2	+ 0.8	66.8	+ 0.6	73 4	− 1.0	80.2	+ 1.8	82.2	+ 4.0	73.3	+ 1.2	65.8	+ 5.0	47.8	− 1.7	41.0	+ 1.0	61.2	+ 2.3
Fordyce	45.8[c]	.....	53.8	....	63.0[e]	......	64.4	......	73.4	.....	79.0[b]	......	83.8	......	85.1	......	78.0	.....	68.1	......	52.3	......	45.6	....	66.0	......
Fort Smith	42.5	+ 3.0	49 6	+ 6.8	60 2	+ 7.6	62.6	+ 0.8	70.8	+ 1.2	78.1	+ 0.6	83.8	+ 2.3	85.6	+ 5.1	77.4	+ 3.4	69.1	+ 6.3	50.0	− 1.0	43.6	+ 1.5	64.4	+ 3.1
Gilbert	38.6	......	46.0	.....	56.2	.....	58.4	......	67.2	......	72.8	.....	79.8	......	81.0	......	72.4	.....	62.2	.....	44.1	......	39.4	.....	59.8	.....
Grannis	40.6	− 1.4	48.8	+ 3.2	57.0	+ 5 6	56.9	− 3.5	*68.8*	+ 1 8	74.4	− 1.0	78.0	− 1 4	79.9	+ 0.5	74 5	+ 0.9	66.6	+ 3.8	49.0	− 2.0	43.4	− 1.2	61.5	+ 0.5
Gravette	38.1	+ 1.0	46.2	+ 7.1	55.0	+ 9.0	57.8	+ 0.6	66.6	+ 1.2	73.6	− 0.1	80.4	+ 2.6	83.0	+ 5.4	73 6	+ 2.8	65.4	+ 5.7	46.2	− 2.8	39 2	+ 1.0	60.4	+ 2.8
Green Mountain	38 8	......	47.9	......	57.6[d]	... .	60.0	..	67.1	......	73.2	... ..	*80.4*	......	*82.5*	.....	*74.3*	.....	69.2	......	50.6	.....	43.0[a]	. .	62.0	......
Harrison	37.2	+ 0.3	48.0	+ 9.0	57.5	+ 8.9	59.8	+ 2.3	67.8	+ 2.0	74.6	+ 1.2	81.4	+ 4.0	82.8	+ 5.8	73.8	+ 3.6	63.1	+ 3 7	49.3	+ 0.6	40.8	+ 2.8	61.3	+ 3.6
Helena	43.6	+ 0.4	52.4	+ 7.3	61.0	+ 7.4	63.0	+ 0.3	71.0	+ 0.2	75.2	− 3.2	81.6	0.0	82.5	+ 1.9	75.6	+ 0.2	67.6	+ 4.0	53.6	+ 0.6	45.6	+ 1 0	64.4	+ 1.7
Highland	47.7	.....	52.8	......	63 7	......	64 2	.. ...	71.5	. ....	76.9	......	80.5	. ...	85.7	......	*75.6*	......	70.8	......	53.4	.....	48.0	......	65.9	......
Hope	44.6	− 1.1	52.2	+ 3 8	60 8	+ 4.2	62 4	− 1.6	70.6	− 0.4	76.2	− 2 8	81.2	+ 0.6	82.0	− 0.4	75.0	− 1.6	66.5	+ 0.6	49.6	− 4.6	43.4	− 3 6	63 7	− 0.7
Hot Springs	43.6	0.0	51.8	+ 4.8	61.8	+ 8.1	64.0	+ 1.2	72 5	+ 2.7	79.4	+ 1.2	85.1	+ 3 3	86.0	+ 4.9	77.2	+ 1.5	68.6	+ 4 2	51 2	− 1.6	45 0	+ 0.9	65 5	+ 2.6
Jonesboro	40.6	0.0	49.8	+ 7.4	59.6	+ 7.4	61.8	+ 0.4	69 9	+ 0.4	75.3	− 2.4	81.9	+ 1.3	83.4	+ 3.3	75.2	+ 0.7	66.2	+ 3.6	50 2	− 1.0	42 6	+ 1.2	63.0	+ 1.8
Lead Hill	35.6	− 2 8	46 4	+ 8.0	56.6	+ 7.8	58.1	− 1 3	66.3	− 1.1	72.6	− 2.8	80.0	− 0.2	81.8	+ 3.0	72.4	+ 0.2	61.6	+ 0.8	45 0	− 3.4	38.4	− 1.4	59.6	+ 0.6
LITTLE ROCK	43 0	+ 1.6	51.0	+ 6.1	60.6	+ 7.6	62.8	+ 0 7	71.0	+ 0.7	76.6	− 0.8	82.8	+ 1.9	84.0	+ 4.2	76 6	+ 2.5	68.0	+ 4.4	51.4	− 0.7	44.6	+ 0.4	64.4	+ 2.4
Little Rock (Airway)	43.0	......	51 6	......	60.8	.....	63 0	......	*72.4*	......	*76.6*	......	82.8	.....	83.1	......	76.2	......	66 6	......	51.6	.....	45.4	......	64.4	......
Lutherville	41.4	+ 1.1	49.6	+ 7.2	58 8	+ 7 2	60.6	+ 0.3	69.0	+ 1.0	74.9	− 1.2	81.4	+ 1.3	82.7	+ 3 0	76.0	+ 2.0	68.8	+ 6.5	49 8	− 1.2	42 4	+ 1.0	63.0	+ 2.4
Magnolia	48.6[a]	+ 1.0	56.5	+ 5 1	65.9	+ 9 1	65.2	+ 0.6	73.5[a]	+ 2.1	*79.1*	− 0 3	*84.1*	+ 1.5	83 4	+ 0 9	77.4	+ 0.8	70.0	+ 3.1	53.8[d]	− 1.2	49.0[b]	+ 1.0	67.2	+ 2.0
Mammoth Spring	36.8	− 1.0	47.3	+ 7 0	57.5	+ 7.7	59.8	+ 0 6	67 8	+ 1.8	73.0	− 1.4	80.2	+ 1.6	81.4	+ 3 9	72 6	+ 1.2	62.2	+ 3.0	48.4	− 0.7	39.4	0.0	60 5	+ 2.0
Marianna	43.8	+ 1.3	52.6	+ 6.8	61.6	+ 7.6	63.2	+ 0.9	72.2	+ 2.0	76.6	− 2.0	83.2	+ 2.0	84.2	+ 4.2	75.4	+ 1.3	65.3	+ 1.8	52.2	− 0.1	44.9	+ 1.2	64.6	+ 2.2
Marked Tree	39.6	+ 0.1	48.8	+ 5.2	58.5	+ 8.1	61.8	+ 0.6	70.1	+ 1.1	74.8	− 3.2	81.8	+ 0.7	83.0	+ 3.8	74 5	+ 0.9	65.1	+ 3.9	49.1	− 0.1	40.8	− 0.4	62.3	+ 1.7
Mena	42.6	+ 1.0	50.0	+ 5.8	59.6	+ 7.3	62.2	+ 0 7	69.6	+ 1 0	76.0	− 0.6	81.9	+ 1.7	83.0	+ 3.1	76 7	+ 2.7	69.1	+ 6 1	50 7	− 1.5	44 0	+ 1.4	63.8	+ 2.4
Monticello (Airway)	46.3	......	53.6	......	62 7	.....	65 0	......	*72.9*	......	77.8	.....	83.2	......	83 4	.....	78.5	......	69.5	......	54.0	......	46 6	.....	66.1	......
Morrilton	46.4	+ 5.1	53.2	+ 7.8	62 2	+11.4	63.6	+ 1.4	71.0	+ 2.0	76.4	− 2.2	83.4	+ 0.5	83.8	+ 2.1	77.6	+ 2.6	67.7	+ 4 5	53 2	+ 2.3	46.4	+ 2.7	65.4	+ 3.3
Mountain Home	37.8	− 0.3	47.4	+ 5.1	57 0	+ 7.0	58.8	− 0.1	67 8	+ 1.6	73.6	− 1.4	80.0	+ 0.8	82.5	+ 4.5	73.7	+ 2.0	64.8	+ 4.3	48 6	0.0	40.3	− 0.1	61.0	+ 1.9
Mount Ida	41.2[a]	− 0.2	48.4	+ 2.8	57 4	+ 5.2	58 2	− 3.0	66 4	− 1.6	74.4[d]	− 1.6	81.1	+ 1.1	82.0	+ 2.6	74.2	+ 1.0	64.4[b]	+ 2.6	49 4	− 1.2	43.2	+ 0.4	61.7	+ 0.7
Newport	41.0	+ 1.2	50.6	+ 8 6	60.7	+ 8 4	63.0	+ 1.0	70.4	+ 0.6	75.1	− 2.8	82.4	+ 1.1	84.4	+ 4.4	76 0	+ 1 8	65.4	+ 3.4	50.4	− 0.6	42.8	+ 0.6	63.5	+ 2.3
Oden	42 4	......	50.5	......	60.8	......	62.4	......	*69.8*	......	76 2	......	81.8	.....	83 4	.....	77.3	......	68 0	......	51.1	.....	44.8	.....	64.0	.....
Okay	47.2	.....	55 0	......	64.2	......	64 6	....	*72.6*	......	78.0	.....	82.7	......	83.9	. ....	77.0		68.4	......	54.0	.....	47.1	.....	66.2	.... .
Ozark	40.3	− 0.5	48.6	+ 5.2	60.4	+ 8.0	62.7	+ 0.7	69.9	+ 0.3	76.3	− 1.6	82.4	+ 0 3	84.0	+ 2.3	76 6	+ 0.9	67.2	+ 3.7	49.4	− 2.0	43.0	+ 1.8	63.4	+ 1.6
Paragould	.. .	......	....	......	....	......	....	.. ...	....	.....	..	......	....	......	....	......	....	......	. .	......	49.0	......	41.6	.....	....	......
Pine Bluff	45.4	+ 1.5	53.2	+ 6.7	63.4	+ 8.6	64.4	+ 0 8	71.5	+ 0.1	77.0	− 2.2	83.6	+ 1.2	84.7	+ 2 9	78.3	+ 3.1	69 6	+ 5.0	54.4	+ 1.1	46.9	+ 1.8	66.0	+ 2.5
Pocahontas	39.6	+ 0.7	49.2	+ 7.6	58.8	+ 7.8	60.8	+ 0 6	69.0	+ 0.7	75.6[f]	− 1.0	81.9	+ 1.5	83 6	+ 4.2	75.2	+ 1.8	65 6	+ 3.9	49.8	− 0.3	42.0	+ 1.8	62.6	+ 2.4
Portland	47.6	+ 0.6	55.4	+ 5.7	63.7	+ 7.0	64.0	− 0.6	72.2	+ 0.6	77 2	− 2.2	81.3	− 0.5	81.6	+ 0.2	75.0	− 1.3	65.5	+ 0.6	53.0	− 1.3	46.0	− 1.6	65.2	+ 0.6
Prescott	46.5	+ 1.9	54.2	+ 6.8	64.6	+ 9.0	65.0	+ 1.5	73.1	+ 2.7	79.0	+ 0 2	84.0	+ 1.9	84.8	+ 3.2	78 2	+ 2.0	70.0	+ 5.1	54.0	− 0.2	47.4	+ 1.6	66.7	+ 2.9
Rogers	39.6	+ 2.2	47.8	+ 8.3	58 0	+ 9.0	59.8	+ 1.3	66.9	+ 1.1	73.2	− 0.4	79 1	+ 1.5	81.6	+ 4.2	72.7	+ 1 5	64.8	+ 5.0	48.2	− 0 8	40.9	+ 1.9	61.0	+ 2.8
Russellville	42.6	+ 3.0	50.8	+10.9	61.2	+ 8.9	63.2	+ 2.2	70.5	+ 0.9	77.4	+ 0.9	83.1	+ 1.9	83.2	+ 3.3	77.0	+ 3.6	67.2	+ 6.6	50.8	+ 1.0	43.8	+ 3.3	64 2	+ 3.8
St. Charles	43.2	......	52.0	......	60.0	.....	63 0	......	73.0	.....	77.2	......	83.0	......	84.0	.....	76 0	... ..	66.2	...	51 5	.....	43.2	.. .	64.4	....
Searcy	41.8	+ 1.0	51 3	+ 6.2	60.7	+ 8.5	61.8	+ 0.1	70.8	+ 2 3	76.0	− 1 3	83.0	+ 2.0	84.2	+ 4.1	76.1	+ 1.8	66.4	+ 3.8	50.7	− 0.3	43.4	+ 0.6	63.8	+ 2.4
Stuttgart	43.4	+ 0.4	52.0	+ 6.8	61.2	+ 7.4	63.3	+ 0.9	71 4	+ 1.5	76.7	− 1.3	83.2	+ 2.0	84 0	+ 3.3	77 0	+ 1.9	67.9	+ 4 5	52.0	− 0.4	45 4	+ 1.4	64 8	+ 2.4
Stuttgart (Evap)	44.0[c]	......	51.5[d]	......	59.8	......	62.4	......	71.0	.....	76.5	.....	82.6	......	83.2	......	76.2	... ..	66.0	......	51.3	.. ...	43.0[a]	......	64 0	. .
Subiaco	43.6	+ 1.9	51.4	+ 7.6	61.0	+ 8.0	62.7	+ 0 9	71.2	+ 1.3	77.2	− 0.6	83.4	+ 1 4	84.7	+ 3 1	77 0	+ 2.7	68.7	+ 5.1	50.6	− 2.2	43.6	+ 0 9	64.6	+ 2.5
Texarkana	48.0	+ 1.7	55.0	+ 6.6	64.7	+ 8.5	64 6	+ 0 4	73.4	+ 2.0	78.9	− 0.2	83.9	+ 1.4	85 7	+ 3.4	79.0	− 2.8	71.3	+ 5 5	55.1	− 0.1	48.8	+ 1 9	67.4	+ 2 4
Thornburg	41.0	+ 0.4	49.6	+ 5.2	58.8	+ 7.1	60.6[a]	+ 0.4	68.4	+ 1.0	74.2	+ 3.8	81.1[a]	+ 1.3	82.0	+ 2.8	74.3	+ 1.7	64.0	+ 2.3	50.0	− 0.8	43.0	+ 1.9	62.2	+ 1.4
Turnpike	38.8	......	46.2	......	55.8	.....	57.8	......	64.9	......	71.6	......	79 4	......	80.8	.....	73.4	......	67.4	......	47.8	.... .	40.7	......	60.4	......
Warren	47.0	+ 1.6	55.0	+ 7.8	64.2	+ 8.2	64.5	+ 0.9	72.8	+ 1.4	78.0	− 1.3	83.5	+ 1.1	83.7	+ 2.1	77 6	+ 1.5	68.4	+ 4.0	53.7[a]	− 0.1	47.2	+ 2.0	66.3	+ 2.4
White Rock	....	. ....	....	......	51.2[a]	......	57.6	......	64.8	......	71.3	......	78.1	......	79.6	.....	73.6	......	.. .	......	47.6	.....	40.8	......	....	......
Wilson	41.6	− 0.1	50.6	+ 5.4	59.4	+ 7.3	61.3	+ 0 3	69.6	+ 0.2	74.2	− 2 7	80.4	− 0.4	82.4	+ 3 8	72 4[g]	− 1.4	65.5	+ 2.7	51.6	+ 1.1	*40.9*	− 0.9	62.5	+ 1.3
Wynne	42.0	+ 1.0	52.1	+ 7.8	61.7	+10.1	62.8	+ 1.4	70.6	+ 1.3	75.4	− 2.4	81 8	+ 0.7	83.8	+ 3.8	75.9	+ 2.1	66.7	+ 4.2	52.6	+ 1.8	44.6	+ 2.6	64.2	+ 2.8

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

Monthly and Annual Evaporation, Mean temperature and Wind (miles per hour) for year 1938

Year	Data	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Hope	Evaporation Mean temperature Wind movement	2.713 44.6 2.2	2.967 52.2 2.3	5.521 60.8 2.4	4.955 62.4 2.0	7.924 70.6 1.8	7.020 76.2 1.4	7.664 81.2 1.2	8.633 82.0 1.2	6.784 75.0 1.1	6.385 66.5 1.2	3.640 49.6 2.0	2.619 43.4 1.9	66.825 63.7 1.7
Russellville	Evaporation Mean temperature Wind movement	2.101 42.6 2.1	2.286 50.8 2.1	4.992 61.2 2.4	4.962 63.2 1.6	6.433 70.5 1.8	7.026 77.4 1.2	8.160 83.1 0.8	8.768 83.2 1.3	6.994 77.0 1.1	5.624 67.2 1.1	2.537 50.8 1.7	1.972 43.8 1.6	61.855 64.2 1.6
Stuttgart	Evaporation Mean temperature Wind movement	1.491 44.0[c] 3.8	1.819 51.5[d] 3.4	3.715 59.8 3.9	4.821 62.4 3.4	6.076 71.0 3.2	6.314 76.5 2.5	7.212 82.6 1.8	6.702 83.2 1.9	5.660 76.2 1.8	4.575 66.0 1.9	2.474 51.3 3.1	1.743 43.0[a] 2.9	52.602 64.0 2.8

Amounts in italics are estimated.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1938

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	26.0	4.8	11.3	29.0	5.4	11.2	22.1	5.2	9.1	22.2	6.8	11.7	13.7	4.1	5.9	6.7	4 1	4.9	4.3	3.1	3.8	4.0	3.4	3.6	5.6	3.5	4.0	5.3	3.7	4.4	10.4	4.1	6.4	8.9	4.3	6.5
ArkansasCity	21.4	6.1	15.0	32.9	19.6	25.6	32.6	28.2	30.5	37.4	32.1	36.0	35.7	17.6	23.5	32.7	22.1	28.7	21.7	18.0	19.6	19.8	9.4	16.7	10.5	4.1	7.6	10.9	1.4	6.5	10.5	0.6	4.2	10.5	1.6	5.2
Batesville	23.3	5.3	9.1	39.5	7.8	17.0	31.0	9.5	12.3	25.6	11.7	15.5	29.0	9.5	15.5	18.3	7.8	12.0	7.7	5.4	6.2	8 1	4.7	5.5	5.0	4.5	4.7	5.2	4.3	4.5	20.2	4 5	8.3	9.1	5 2	6.0
Benton	....	...	...	....	...	...	....	..	....	..	....	....	....	...		....	.	....	8.6	3.2	4.7	7.0	3.0	4.0	3.1	2.7	2.9	3.0	2 4	2.7	17.0	3.0	6.3	9.8	4.3	5.9
Big Lake Out	12.1	6.6	9.0	17.5	10.5	13.5	16.1	10.3	12.2	16.1	7.5	12.8	7.4	5.5	6.1	7.9	5.4	6.3	6.2	4.3	5.1	10.4	4.3	6.8	4.3	3.3	3.8	3.3	3.1	3.2	3.7	3.0	3.4	3.7	3.5	3.6
Black Rock	11.3	2.4	5.5	25.1	6.8	14 8	20.1	7.5	13.0	23.9	10.9	19.5	15.2	7.0	9.5	12.7	5.7	8.5	7.6	3.2	4.6	8.5	2.2	4.2	2.2	1.6	1.9	1.5	1.3	1.4	3.3	1.4	2.3	2.7	1 8	2.0
Boughton	22.9	3.8	9.8	23.6	6.1	11.0	22.2	5.4	9.1	20.3	4.9	12.9	13.1	4.6	5.9	13.2	4.5	6.8	5.7	3.2	4.0	6.0	3.1	3.8	3.3	3.1	3.2	3.2	3.0	3.1	8.6	3 2	4.4	9.3	3.4	4.9
CalicoRock	16.8	0.6	3.7	42.0	2.5	10.8	26.9	4.0	6.2	15.8	5.6	8.2	24.4	4.0	9.0	11.8	2.5	5.9	3.1	0 5	1.3	1.6	-0.1	0 5	0.4	-0.3	-0.1	0.7	-0.6	-0.3	14.1	-0.2	3.1	4.0	0.5	1.2
Camden	40.7	7.0	22.8	41.1	11.4	26.2	27.7	13 0	17.5	40.1	15.0	29.2	17.9	5.3	9.0	10.4	5.0	6.5	6.2	3.8	4.3	5.6	3.8	4.0	4.6	3.6	3 9	5.0	3.8	4.2	12.7	3 8	6.8	14.2	5.0	7.4
Clarendon	26.7	13.5	20.5	35.0	25.0	28.0	35.0	24.1	28.6	30.6	25.0	29.0	28.4	23.5	25.2	27.0	22.7	25.2	22.1	11.0	14.1	13.6	8.5	11.1	8.4	6.9	7.6	6.9	6.3	6.6	18.4	6.6	12.1	12.3	8.8	10.1
Cotter	13.9	3.0	5.1	31.0	3.8	10.1	15.8	4.8	6.6	14.7	6.1	8.0	19.0	4.7	8.9	13.2	4.5	7.1	4.5	3.2	3.6	3 7	2 8	3.0	3.0	2.4	2 6	2.6	2.0	2.2	10.8	2.5	5.0	3.8	3.2	3.3
Danville	27.1	3.6	10.9	29.3	5.9	14.9	23.0	4.5	7.5	23.0	5.7	14.1	17.0	3.5	5.6	7.2	2.6	3.8	4 0	2.0	2.4	5 8	1.8	2.4	7.1	1.8	2.8	2.0	1.6	1.7	17.1	1.6	4.1	14.9	2.3	4.0
Dardanelle	15.9	2.6	6.1	29.6	4.4	13.2	21.5	6.7	9.1	22.8	8.7	13.9	22.8	7.4	13.2	20.2	9.2	15.4	9.9	4.1	6.1	11.0	3.4	6.1	6.5	2.9	4.1	4.1	1.6	2.2	4.8	1.6	2.9	4.1	1.5	2.2
Fort Smith	14.4	....	....	33.2	6.0	....	25.1	6.3	8.8	24.3	8.0	13.0	25.0	7.7	14.4	22.0	10.4	16.3	11.8	6.6	8.1	13.4	5.9	8.3	9.0	5.4	6.7	7.0	....	....	7.4	..	....	....	....	....
Fulton	32.9	6.9	15.1	36.4	9.2	22.2	29.3	9.2	15.3	31.4	10.7	22.9	21.4	9.2	13.6	20.3	8.4	13.3	11.1	5.9	7.2	8.9	5.1	6.2	5.3	4.3	4.6	4.7	3.5	3.8	4.6	3.5	4.0	4.8	3.6	4.2
Georgetown	21.8	4.0	11.3	31.5	14 4	22.3	26 2	13.6	19.8	25.8	21.9	23.9	22.6	15.9	19.2	22.7	12 8	18.8	11.7	4.1	6.3	7.3	1.9	4.3	1.9	0.7	1.3	0.7	0.0	0.4	15.2	0.4	6 0	6.1	2.2	3.4
Gilbert	16.0	3.3	4.7	28.0	3.8	7.4	16.0	4.1	5.2	13.8	4.9	6.1	12.4	4.3	5.4	5.1	3.3	4.0	3.3	2.6	2.9	3.3	2.3	2.7	3.1	2.4	2.6	2.5	2.3	2.4	7.2	2.3	3.4	4.8	2.8	3.4
Helena	25.9	9.1	18.2	35.1	21.9	28.8	38.9	30.0	34.9	43.5	39.0	41.9	39.1	18.6	24.4	38.0	25.3	31.8	26.8	23.7	24.8	26 4	12.2	21.6	15.9	7.1	11.9	16.6	4.4	10.5	16.3	3.7	8.3	15.6	5.1	9.0
Index	25.8	6.5	12.1	34.4	8.6	17.4	26.3	9.4	12.9	27.6	10.2	17.3	19.6	9.6	13.3	18.2	9.3	12.6	12.4	7.2	8.4	10.4	6.4	7.7	7.4	6.0	6.3	6.0	5.2	5.4	7.3	5.2	5.6	5.5	5.0	5.2
Judsonia	30.5	4 7	14.1	39.1	15.1	26.5	34.6	14.3	22.2	35.8	23.6	27.9	25.2	16.5	20.7	25.1	13.2	19.9	12.1	4.2	6.6	7.9	1.9	4.6	2 2	0.9	1.4	1.6	0.5	0.8	18.0	0.8	7.0	8.4	3.0	4.5
Little Rock	15 1	-0.6	4.2	26.2	2.2	11.9	18.8	5.1	7.7	21.6	7.2	13 4	20.2	5.0	10.3	17.2	6.3	12.9	7 2	1.8	3 8	7.8	1.2	3.4	3.3	0.7	1.6	1.3	-0 3	0.2	3.7	-0.3	1.2	2.2	-0.1	0.5
Madison	17.3	8.0	12.2	24.5	14.7	18.2	24.7	19.9	22.6	27.5	23.3	25 4	23.1	8.2	12.6	17.6	7.7	12.7	7.7	4.9	6 1	7.4	3.3	5.6	3.2	1.4	2.1	1.3	0.6	0.8	1.2	0.6	0.8	1.6	1.1	1.3
Marked Tree	6.4	1.9	3.6	8.1	3.0	5.2	6.4	2.9	4.8	5.7	2.2	4.0	9.4	1 8	6.8	7.7	1.6	3.7	1.5	0 6	0.9	1.0	0.5	0.8	0.9	0.0	0.4	0.1	0.0	0.1	0.2	0.0	0.1	0.2	0.0	0.1
Morrilton	13.8	-1.6	2.8	27.8	1.2	11.4	19.3	3.3	6.5	21.0	5.3	12.0	19.8	3.5	9.7	17 0	6.0	12.7	6.5	-0.2	2.4	7.8	-0.9	2.1	2.6	-1.5	-0.6	-0.3	-3.0	-2.3	1 4	-3.2	-1.0	0.2	-2.8	-2.1
Newport	22.5	1.9	8.1	33.4	7.8	19.7	26.5	9.4	15 8	29.5	17.3	23.9	25.9	9.5	16.8	22.8	7 1	14.2	6.8	2.2	3.8	5.7	0.9	2.7	0.9	0.0	0.4	0.4	-0.3	-0.1	14.8	0.0	4.3	4.2	0.9	1.7
Ozark	9.9	0.0	2.7	28.9	1.3	9.7	20.8	3.2	5.5	20.8	4.7	10.4	21.0	4.0	10.6	18.1	6.3	13.0	6.6	1.3	2 9	8.5	0.6	3.1	3 4	0.3	1.2	1.1	-0.5	-0.1	1.9	-0.4	0.4	0.0	-0.6	-0.3
Parkin	16.9	6 4	10.8	22.0	12.9	16.1	22.5	14.0	19.2	22.8	17.9	20.4	17 8	8 3	11.4	11.9	6.0	8.4	5.9	3.4	4.3	5.0	2.8	3.9	2.7	1.3	1 8	1.3	0.9	1.0	1 2	0.9	1.0	1.5	1.1	1.3
Pine Bluff	18.5	3.0	7.8	31.7	6.1	16.5	17.2	8.4	11.2	24.1	11.4	17.2	22.8	8.3	13.4	20.9	10.1	16.8	10.8	5.7	7.6	11.5	5.0	7.2	6.7	4.4	5.3	4.7	3.2	3.7	6.9	3.2	4.7	5.5	3.4	4.0
St. Charles	24.9	13.5	20.2	30.7	25.0	26.0	31.8	24.5	27.6	....	....		27.0	23.5	24.6	25.4	23.2	24.5	23.0	12.1	15.3	13.9	9.4	11.9	9.3	7.8	8 4	7.7	7.0	7.3	16.0	7.3	11.7	12.2	9.1	10.4
St. Francis	19.7	5.3	9.8	23.5	10 3	18.0	20.0	11.8	16 5	23.4	12 0	19.1	17.3	7.4	9.9	1.73	6 6	10.0	9.7	4.7	5.9	11.4	3 5	5.3	3.6	3.2	3.4	3.4	2 6	2.9	6.3	2.6	3.9	4.1	3.2	3.7
St.FrancisLL	24.1	22.1	23.1	27.2	23.9	25.2	27.4	23.9	25.3	27.2	24.0	25.7	23.9	18.6	20.4	21.8	18.9	21.1	21.7	20.1	20.7	22.3	19.9	21.1	19.7	19.3	19.5	19.3	19.3	19.3	19.6	19.3	19.5	19.7	19.6	19.6
Van Buren	14.2	3.4	6.2	32.4	4.9	13.6	25 4	6.8	9.9	24.8	8.6	14.4	25.1	8.1	15.1	22.3	10.6	17.0	12.1	5.6	7.5	13.9	4.9	7.6	8.4	4.3	5.5	6.2	3.4	3.9	6.3	3 4	4.3	3 8	3.4	3.6
Whitecliffs	31.0	2.4	13.5	30.7	4.7	19.9	25.3	4.0	11.7	27.0	4 5	21.4	17.8	2.3	6.7	17.0	2.6	8.2	5.3	1.0	1.5	2.9	0.5	1.0	1 0	0.5	0.6	0.5	0.5	0.5	1.0	0.0	0.4	3.2	0.0	1.1

FLOODS IN 1938

Excessive rains from January 20th to 25th caused floods in the Red, Little Missouri, Ouachita, Petit Jean and St. Francis rivers. In the Red and Little River Basins ten to twenty thousand acres of farm land were inundated and about 200 tenant families were forced to leave their homes. The Red River at Fulton crested at 32.9 feet on January 28th. A considerable area was inundated in the Ouachita Basin. The crest at Boughton, on the Little Missouri was 22.9 feet on January 25th. On the Ouachita, Arkadelphia had 26.0 feet on the 23d and Camden, 40.7 feet on the 27th. The Petit Jean River was high, Danville had 27.1 feet on the 25th. On the White River, the crest at Batesville was 23.3 feet on the 25th; Newport, 22.5 feet on the 27th; Georgetown, 22.3 feet on February 2d; and Clarendon had 27.7 feet on February 7th. The Cache bottoms were flooded and about 150 families were forced to evacuate. The crest at St. Francis, on the St. Francis River was 19.9 feet on February 1st.

The heavy to excessive rains from February 14th to 22d caused floods on practically all streams in the State. Red Cross officials estimated that 500,000 to 600,000 acres had been flooded in 21 counties and forced 24,000 refugees to leave their homes. Crest reports on the Arkansas River were as follows: Fort Smith, 33.2 feet on February 19th; Dardanelle, 29.6 feet on the 19th: Morrilton, 27.8 feet on the 21st; Little Rock 26.2 on the 22d; and Pine Bluff, 31.7 on the 23d. On the Petit Jean the crest at Danville was 29.3 feet on the 18th. In the Ouachita Basin the crest stages were as follows: Arkadelphia, 29.0 feet on the 19th, and Camden, 41.1 on the 22d. Boughton on the Little Missouri had 23.6 on the 19th. In the Red River Basin the crest at Fulton was 36.4 feet on the 24th. On the White the crest stages were as follows: Calico Rock, 42.0 feet on the 18th, midnight; Batesville, 39.5 on the 19th; Newport, 33.4 on the 20th; Georgetown, 31.5 on the 23d; Clarendon, 35.0 on the 28th; and St. Charles, 31.8 on March 3d The crest at St. Francis on the St. Francis River was 23.5 fee on February 24th. Two breaks in the levee near Bertig on th St. Francis River during this period flooded about 1000 acre of cultivated land.

Heavy rains from March 26th to 31st caused floods or nea floods on the Arkansas, White, Ouachita, Red and St. Franci rivers and their tributaries, from March 29th to April 6th. O the Arkansas, Fort Smith reported 25.1 feet on March 31st Dardanelle, 22.8 on April 1st. On the White, Batesville ha 31.0 feet on March 31st; Newport, 29.5 April 2d; Georgetown 25.8 April 6th and Clarendon, 30.6 on April 11th. On th Ouachita, Camden had 40.1 feet on April 5th. On the Re River, Fulton reported 31.4 feet on April 4th.

Heavy rains from April 6th to 9th and from April 15th t 17th kept rivers at high stages most of the month with floo stages on several rivers.

Frequent rains in May caused flood conditions in the Arkan sas and White Basins the latter portion of the month. On th Arkansas, Fort Smith had 25.0 feet on May 25th and Darda nelle, 22.8 on the 26th. On the White River, Calico Rock ha 24.4 feet on the 24th; Batesville, 29.0 on the 24th midnight Newport, 25.9 on the 27th; Georgetown, 22.7 on June 1st and Clarendon, 27.0 on June 7th-9th.

Frequent rains in June kept the Arkansas and White river moderately high most of the month.

Final estimates on flood losses for the year are as follows:

Arkansas Basin	$369,200
White Basin	167,600
Ouachita Basin	39,700
Red and Little River	163,857
St. Francis River	1,000

MISCELLANEOUS PHENOMENA, 1938

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Flood Damage			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
anuary	...	...	...	...	...	99	11	115	24	5	3	.	...	...	...	...	...	...	...	...	...	1	...	$ 28,800	...	...
ebruary	1	1	...	...	...	41	7	61	14	10	4	...	...	...	...	...	...	...	...	...	...	5	...	452,657	...	...
larch	8	6	1	1	$ 1,000	229	22	17	5	...	...	...	...	...	...	...	14	3	18	287	$ 366,000	*	...	109,000	...	...
pril	2	2	2	2	$ 1,000	139	15	13	8	4	2	...	...	1	1	$ 500	...	...	...	...	...	5	...	20,100	...	...
lay	5	4	1	1	$500,000	218	21	11	7	...	...	...	...	...	...	$ 1,300	5	3	2	20	46,600	2	...	180,800	3	...
une	...	...	...	...	...	160	22	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
uly	...	...	...	...	...	258	27	9	6	...	...	...	.	1	1	$ 1,000	...	...	...	...	...	...	...	...	1	...
ugust	...	...	...	...	...	212	25	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
eptember	2	1	...	...	...	171	22	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	$ 2,500
ctober	2	2	...	...	...	58	10	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ovember	1	1	...	...	...	78	7	22	9	18	3	...	...	2	2	$ 700	1	1	...	...	500	...	...	...	...	...
ecember	...	...	...	...	...	24	3	44	13	12	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ear	21	17	4	4	$502,000	1687	192	302	97	49	18			5	5	$ 3,500	20	7	20	307	$ 413,100	13	...	$ 741,857	4	$ 2,500

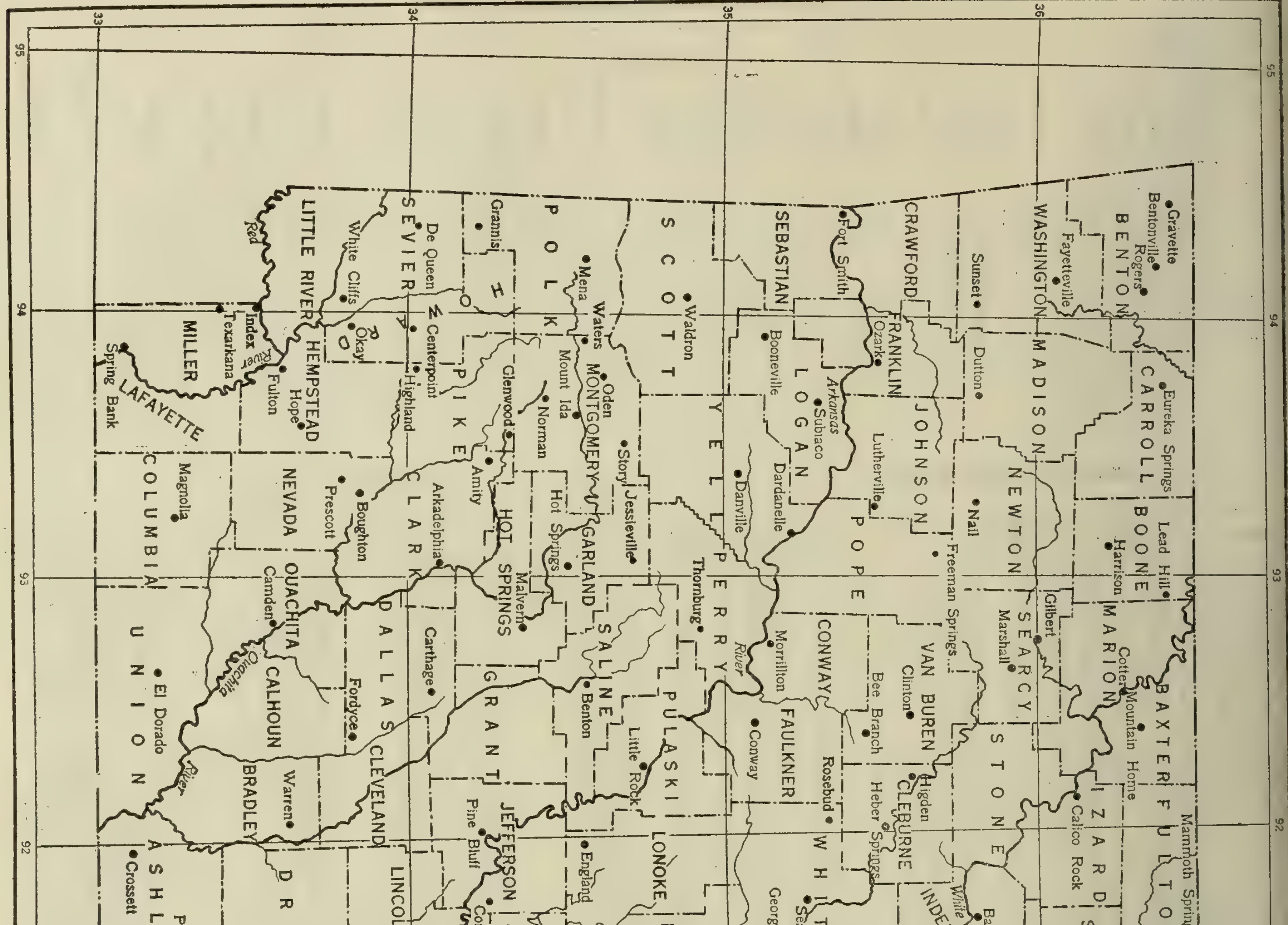
KILLING FROSTS, 1938

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
lum Fork Res	Apr. 3	Nov. 2	213	Hot Springs	Apr.	Oct. 24	204
mity	Apr. 3	Nov. 8	219	Index	...	Oct. 24	...
rkadelphia	Mar. 7	Oct. 24	231	Jessieville	...	Oct. 18	...
rkansas City	Mar. 7	Oct. 24	231	Jonesboro	Apr. 10	Oct. 24	197
atesville	Apr. 10	Oct. 24	197	Lead Hill	Apr. 10	Oct. 24	197
ee Branch	Apr. 10	Oct 24	197	LITTLE ROCK	Feb. 25	Nov. 8	256
enton	Apr. 3	Oct. 24	204	Lutherville	Apr. 9	Oct 24	198
entonville	Apr. 6	Oct. 23	200	Madison	Mar. 7	Nov. 8	246
ig Lake Outlet	...	Oct. 24	...	Magnolia	Apr. 3	Nov. 23	234
lack Rock	Apr. 10	Nov. 8	212	MammothSpring	Apr. 10	Oct. 23	196
lytheville	Apr. 10	Oct. 24	197	Marianna	Mar. 7	Oct. 24	231
ooneville	Apr. 10	Oct. 24	197	Marked Tree	Apr. 10	Oct 24	197
oughton	...	Oct 24	...	Mena	Apr. 10	Oct. 24	197
rinkley	Apr. 10	Nov. 8	212	Monticello	Mar. 7	Nov. 8	246
alico Rock	...	Oct. 24	...	Morrilton	Mar. 7	Oct. 24	231
amden	Mar. 7	Oct. 24	231	Mountainburg	Apr. 9	Nov. 8	213
arthage	Apr. 3	...	...	Mountain Home	Apr. 10	Oct 21	194
larendon	Mar. 7	Nov. 8	246	Mount Ida	Apr. 3	Oct. 24	204
linton	Apr. 3	Oct. 24	204	Newport	Apr. 10	Oct. 24	197
onway	Mar. 1	Oct. 24	237	Norman	Apr. 3	Oct 24	204
orning	Apr. 10	Oct. 24	197	Oden	Apr. 3	Oct. 24	204
otter	...	Nov. 8	...	Okay	Mar. 7	Oct 24	231
rossett	Apr. 10	Oct. 24	197	Ozark	Apr. 3	Oct. 24	204
anville	Apr. 3	Oct. 24	204	Paragould	...	Nov. 25	...
ardanelle	Apr. 3	Oct. 24	204	Parkin	Apr. 10	Oct. 24	197
e Queen	Apr. 3	Oct. 24	204	Pine Bluff	Mar. 1	Nov. 25	269
evils Knob	Apr. 10	Oct. 23	196	Pocahontas	Apr. 3	Nov. 9	220
umas	Mar. 7	Oct. 24	231	Portland	Mar. 1	Nov. 9	253
l Dorado	Mar. 7	Oct. 24	231	Prescott	Mar. 1	Oct. 24	237
ngland	Mar. 1	Nov. 8	252	Rogers	Apr. 2	Oct. 23	204
ureka Springs	Apr. 10	Oct. 23	196	Rosebud	Mar. 1	Nov. 8	252
ayetteville	Apr. 10	Oct. 24	197	Russellville	Apr. 10	Oct. 24	197
ordyce	Apr. 3	Nov. 8	219	St. Charles	Mar. 7	Nov. 8	246
ort Smith	Mar. 7	Oct. 24	231	Searcy	Apr. 10	Oct. 24	197
ulton	Apr. 3	Oct. 23	203	Springbank	Apr. 3	Oct. 24	204
eorgetown	...	Oct. 28	...	Story	Apr. 10	Oct. 23	196
ilbert	Apr. 10	Oct. 24	197	Stuttgart	Apr. 10	Oct. 23	196
lenwood	Mar. 1	Nov. 8	252	Subiaco	Mar. 7	Oct. 24	231
rannis	Apr. 3	Oct. 24	204	Texarkana	Feb. 23	Oct. 24	243
ravette	Apr. 10	Oct. 23	196	Thornburg	Apr. 10	Oct. 24	197
reenMountain	Apr. 9	Nov. 8	213	Turnpike	Apr. 10	Oct. 23	196
Harrison	Apr. 10	Oct. 24	197	Waldron	Apr. 2	Oct. 24	205
Helena	Apr. 3	Oct. 24	204	Warren	Apr. 3	Nov. 5	219
Higden	Apr. 10	Oct. 23	196	Wilson	Apr. 10	Oct. 24	197
Highland	Apr. 9	Nov. 7	243	Witt Springs	Apr. 3	Oct. 24	204
Hope	Apr. 3	Oct. 24	204	Wynne	Apr. 10	Oct. 24	197

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
Alum Fork Reser	L. R. Water Works	Lead Hill	J. H. Crosswhite
Amity	J. W. Campbell	Little Rock	U. S. Weather Bureau
Arkadelphia	Mrs. Ted R. Carpenter	Little Rock Airway	Airway Observer
Arkansas City	Herbert Neff	Lutherville	H. G. Lenhardt
BatesvilleAirway	Airway Observer	Madison	J. W. Eppes
Batesville	Mrs. Ida Barnwell	Magnolia	State Agr. School
Bee Branch	J. E. Scanlan	Mammoth Spring	Paul Morton
Benton	S. A. Burks	Marianna	C. N. Houck
Bentonville	U. S. Weather Bureau	Marked Tree	Chas. Walton
Big Lake Outlet	C. J. Brooks	Mena	E. W. St. John
Black Rock	Vernon C. Howe	Monticello Airway	Airway Observer
Blytheville	Samuel Norris	Monticello	Soil Cons. Service
Booneville	F. H. Randolph	Montongo	Soil Cons. Service
Boughton	Harry J. Buie	Morrilton	Mrs. Freda Ashcraft
Brinkley	Robt. J. Torry	Mountainburg(near)	C. A Lovell
Calico Rock	William Jones	Mountain Home	H. N. Halbert
Camden	J. M. Knight	Mountain Valley	J. G. Scott
Carthage	P. K. Wylie	Mount Ida	G. A. Whittington
Clarendon	R. M. Wheatley	Newport	J. D. Henderson
Clinton	A. L. Stephens	Norman	U. S. Forest Service
Conway	E E. Cordrey	Oden	U. S. Forest Service
Corning	Winfred D. Polk	Okay	Charles R. Jackson
Cotter	O. B. McSpadden	Ozark	Orkney O. Milton
Crossett	U. S. Forest Service	Paragould	J. E. Garrett
Danville	J. M. Patterson	Parkin	Carroll King
Dardanelle	Geo. N. Goodier	Pine Bluff	Miss Theresa Scheu
DeQueen	E. B. Smith	Pine Ridge	J. R. Huddleston
Devils Knob	U. S. Forest Service	Plantersville	Soil Cons. Service
Dumas	Ben Johnson	Pocahontas	Benedictine Sisters
El Dorado	Mrs. E. W. Gaston	Portland	W. E. Edmiston
England	O. V. Halbrook	Prescott	J. Craig Williams
Eureka Springs	Geo. W. Nichoalds	Rock Springs	Soil Cons. Service
Fayetteville	Charles F. Ford	Rogers	Carl A. Starck
FayettevilleExp.	University of Ark.	Rosebud	G. A. Maddox
Fordyce	MissMercilleMcMurry	Ross (Drew Co.)	Soil Cons. Service
Fort Smith	U. S. Weather Bureau	Russellville Evap.	U. S. Forest Service
Ft. Smith Wt. P.	T. J. Wylie	St Charles	U. S. Biol. Survey
Fulton	T. J. Logan	St. Francis	A. Boyce Boyd, Jr.
Georgetown	C. G. Long	Searcy	Walter A. Smith
Gilbert	F. J. King	Springbank	Henry Field
Glenwood	C. A. Price	Story	S. C. Story
Grannis	W. E. McVay	Stuttgart	Mrs. B. E. Swim
Gravette	Max W. Schmidt	Stuttgart Evap.	Rice Experiment Sta.
Green Mountain	U. S. Forest Service	Subiaco	New Subiaco Abbey
Hankins	Soil Cons. Service	Texarkana	H. S. Brashear
Harrison	Louis R. Keck	Thornburg	Edward E. Holmes
Helena	James A. Burnett	Turnpike	U. S. Forest Serv.
Higden	Austin E. Cartwright	Underwood	Soil Cons. Service
Highland	J. O. Cooley	Waldron	Wilson Ferguson
Hope	Experiment Farm	Warren	C. N Turner
Hot Springs	National Park Service	Whitecliffs	L. M. Snead
Index	W. E. McDowell	White Rock	U. S. Forest Serv.
Jessieville	U. S. Forest Service	Wilson	D. O. Anderson
Jonesboro	Benedictine Sisters	Witt Springs	E. M. Duncan
Judsonia	T. H. Beals	Wynne	W. E. Barton

Departures from normal temperature are computed from averages of entire period for stations having 10 or more years record. Departures of precipitation with 15 ears or more record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period o 1935, inclusive. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing: † Also on later ates. **Also later months. ‡‡Post-office addresses of these stations as follows:-Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; evils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rose–ud, Route 2, Mount Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Hankins, Montongo, Plantersville, Ross and Underwood, Soil Conservation Service, onticello.



W.B.O., Little Rock, Ark.-2-23-39-1350.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

VOL. XLIV LITTLE ROCK, ARK., JANUARY, 1939 No. 1

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The temperature for January averaged above normal over the entire State. The mean temperature for the month, based on the reports of 72 stations, was 45.5°, which is 4.1° above the 49-year average. Monthly means ranged from 50.6° at Magnolia in Columbia County to 40.6° at Devils Knob in Johnson County. The highest temperature for the month was 83°, recorded at Arkadelphia on the 7th and 8th, while the lowest was 12°, recorded at Grannis on the 16th. The greatest range was 53° at Arkadelphia on the 7th.

The average precipitation for the 107 stations reporting was 6.21 inches, which is 1.74 inches above the 49-year average. The rainfall was frequent throughout the State during the month. Monthly amounts ranged from 1.78 inches at Waldron and 1.97 inches at Fort Smith to 12.01 inches at Portland in Ashley County. Amounts ranging from 10 to 12 inches were reported in Arkansas, Desha, Drew and Phillips counties. The number of rainy days averaged ten. Sleet and snow were reported on the 23d at most stations in the northern half of the State, and snow on the 30th in the northwestern portion. The average snowfall for the month was 0.5 inch.

Little farm work was done in the eastern and southeastern counties because the soil was too wet from frequent heavy rains; elsewhere the work progressed normally. Temperatures were too high for fruit the first nine days of the month and from the 19th to the 21st, but low temperatures during the rest of the month checked development of buds. Winter crops were in good to excellent condition except in some western portions where stands are poor.

Low river stages were general at the beginning of the month, and most streams were affected very little by the rainfall during the month, with the exception of the upper White. High stages were reported on the upper White on the 31st as follows: Black Rock, 16.6 feet; Batesville, 21.4 feet, and Judsonia, 28.0 feet.

O.D.N.

High Winds

January 4th, Farmington and vicinity in Benton County. Damage to property estimated at $1000.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog......	3	9	.	2	.	.	.	.	2	.	.	.	.		.	.	5	.	.	.	.	.	2	..	.	.	.	4	10	8	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		.	.	.	.	1	.	.
Moderate Hail		.	.	.	.		.	.	.	.	.	.	.	.	.	.		.	.	.	.	.		.	.	.	.	.	.	.	.
Thunderstorm	.	.	5	28	.	..	.	.	3	.	.	2	.	..	.	.	1	..	.	.	.	..	36	.	..	.	.	1	11	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.08	30.53	26	29.44	4	8.4	25	sw	28	..	..	..	58
Fort Smith	30.07	30.58	25	29.44	29	8.5	22	sw	21	75	56	55	47
Little Rock	30.08	30.51	25	29.33	29	8.9	30	sw	21	76	61	60	57
Memphis	30.07	30.53	25	29.28	29	9.1	29	sw	30	71	61	62	46

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	8	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	22	3.63	1.3	7	13	8	10
1895	36.9	78	5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	3.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	18
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	5	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48.6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3.19	0.4	7	15	8	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	8	14
1928	42.7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	8	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	5	13
1934	44.5	78	2	2.86	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.8	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
Period	41.4	90	−28	4.47	1.8	8	12	6	13

Climatological Data for January, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	3	45.0	....	78	3	18	16	45	5.19	....	1.20	0.0	9	4	18	9	e.	L. R. Water Works
Amity	Clark	560	44	44.4	+ 1.0	71	2	19	16†	46	5.70	+1.26	0.87	0.0	13	11[b]	7[b]	11[h]	w.	J. W. Campbell
Arkadelphia	Clark	200	44	47.9	....	83	7†	20	16†	53	7.02	−2.19	1.11	0.0	14	16	7	8	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	55	....	....	....	....	....	....	....	11.94	+7.39	2.91	0.0	11	13	3	15	....	Herbert Neff
Batesville Airway	Independence	363	3	45.3	....	72	3	23	16†	38	5.32	....	1.93	T.	9	13	4	14	se.	Airway Observer
Batesville	Independence	277	40	....	....	....	....	....	....	....	5.58	+0.90	1.95	2.0	10	16	4	11	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	44.0	+ 3.0	69	8	20	16†	38	6.15	+1.60	1.80	0.0	8	16	6	9	n.	J. E. Scanlan
Benton	Saline	285	4	42.6	....	74	8	17	28	47	7.60	....	1.50	T.	12	18	0	13	ne.	S. A. Burks
Bentonville	Benton	1295	34	42.5	+ 6.3	68	8	18	16	33	3.36	+0.69	1.31	5.7	10	13	5	13	s	U. S. Weather Burea
Big Lake Outlet †	Mississippi	239	9	....	....	....	....	....	....	....	6.94	....	1.86	0.0	8	11	2	18	....	C. J. Brooks
Black Rock	Lawrence	259	38	....	....	....	....	....	....	....	4.91	+0.30	2.21	1.5	9	16	0	15	n.	Vernon C. Howe
Blytheville	Mississippi	252	14	43.8	+ 1.8	72	8	23	27	40	5.22	−0.70	1.28	0.0	6	14	3	14	s.	Samuel Norris
Booneville	Logan	465	25	46.0	+ 4.2	75	2	17	16	48	2.30	−1.30	0.62	0.0	8	13	7	11	w.	F. H. Randolph
Boughton †	Clark	235	4	....	....	....	....	....	....	....	6.37	....	1.11	0.0	12	15	4	12	....	Harry J. Buie
Brinkley	Monroe	205	12	46.2	+ 3.8	74	8	23	16†	43	10.29	+5.10	2.75	T.	12	17	3	11	se.	R J Torry
Calico Rock	Izard	361	35	....	....	....	....	....	....	....	4.58	+0.11	2.28	0.1	11	18	2	11	....	William Jones
Camden	Ouachita	116	54	48.8	+ 4.8	74	20	22	1	45	7.32	+2.58	1.85	0.0	13	14	5	12	s.	J M. Knight
Carthage	Dallas	297	34	....	....	....	....	....	....	....	....		....	....	..	..	..	..	....	
Clarendon	Monroe	172	35	....	....	....	....	....	....	....	7.52	−2.88	1.86	0.0	11	14	4	13	nw.	R. M. Wheatley
Clinton	Van Buren	516	18	....	....	....	....	....	....	....	5.31	+0.74	2.07	0.0	7	13	9	9	s.	A L. Stephens
Conway	Faulkner	309	56	46.2	+ 4.0	74	8	21	16	44	6.23	+1.52	1.40	0.0	7	20	2	9	w.	E. E Cordrey
Corning	Clay	293	46	43.6	+ 5.4	71	8	20	27	39	5.26	+0.53	1.34	2.0	8	19	1	11	w.	Winfred D. Polk
Cotter	Baxter	440	12	....	....	....	....	....	....	....	4.80	+1.44	2.35	1.0	9	16	3	12	....	O. B. McSpadden
Crosset (near)	Ashley	175	27	47.5	+ 1.3	75	9	18	16†	48	9.03	+4.25	2.36	0.0	11	15	6	10	sw.	U. S. Forest Service
Danville	Yell	327	23	....	....	....	....	....	....	....	3.97	+0.03	0.98	T.	12	14	5	12	....	J. M. Patterson
Dardanelle	Yell	330	53	46.1	+ 4.7	73	8	21	16	43	3.95	+0.33	1.11	0.5	11	6	14	11	s.	Geo. N. Goodier
De Queen	Sevier	426	4	46.1	....	68	9†	18	16†	43	4.04	....	1.45	0.0	9	14	6	11	s.	E. B. Smith
Devils Knob †	Johnson	2350	3	40.6	....	63	7†	17	16	29	3.88	....	0.71	1.0	9	15	2	14	se.	U. S. Forest Service
Dumas	Desha	162	34	48.6	+ 3.7	75	8	25	16	36	9.99	+4.97	4.75	0.0	11	7	14	10	s.	Ben Johnson
El Dorado	Union	270	39	50.0	+ 3.6	74	9	24	16	37	9.50	+4.77	2.61	0.0	12	13	9	9	s.	Mrs. E. W. Gaston
England	Lonoke	229	33	47.1	+ 3.7	73	8	24	16	35	7.85	+2.95	2.21	0.0	10	18	7	6	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	44.4	+ 5.8	71	8	15	16	34	4.18	+0.93	1.20	6.0	9	16	5	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	44.0	....	69	2†	16	16	33	3.37	....	0.68	3.0	8	8	12	11	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	43.6	+ 5.2	67	2†	17	16	30	3.51	+0.51	0.73	3.6	8	11	13	7	sw.	University of Arkans
Fordyce	Dallas	275	11	50.2	....	69	3	26[k]	27	35[k]	6.77		2.10	0.0	12	10	13	8	s.	Miss Mercille McMurr
Fort Smith	Sebastain	448	58	45.6	+ 6.1	72	2	21	16	35	1.97	−0.57	0.82	0.0	10	13	8	10	e.	U. S. Weather Burea
Ft. Smith Wtr. P.	Crawford	....	2	....	....	....	....	....	....	....	2.22	....	1.01	T.	7	17	2	12	....	T. J. Wylie
Fulton	Hempstead	260	54	....	....	....	....	....	....	....	6.70	+2.07	0.87	0.0	12	13	8	10	....	T. J. Logan
Georgetown	Woodruff	200	27	....	....	....	....	....	....	....	7.77	+2.75	1.55	0.0	8	19	2	10	....	C. G. Long
Gilbert	Searcy	600	14	41.2	....	73	3†	13	27	50	4.68	+0.87	2.00	0.0	10	18	1	12	....	F. J. King
Glenwood	Pike	547	4	....	....	....	....	....	....	....	5.99	....	1.03	0.0	10	9	10	12	....	C. A. Price
Grannis	Polk	900	20	44.4	+ 2.4	68	2†	12	16	44	4.38	−0.42	1.17	0.0	14	13	7	11	nw.	W. E. McVay
Gravette	Benton	1250	42	41.2	+ 4.1	70	8	14	16	40	2.91	+0.13	1.15	0.5	5	17	8	6	nw.	Max W. Schmidt
Green Mountain †	Stone	1100	3	44.8	....	70	8	20	16	32	4.39	....	1.33	0.5	10	8	12	11	sw.	U. S. Forest Service
Hankins †	Drew	....	2	....	....	....	....	....	....	....	10.14	....	2.94	....	10	..	..	..	....	Soil Conservation Se
Harrison	Boone	1052	39	43.2	+ 6.3	72	2†	17	16	44	3.70	+0.53	1.73	2.0	8	20[a]	1[a]	9[a]	sw.	Louis R. Keck
Helena	Phillips	300	67	47.2	+ 4.0	74	8	23	16	30	10.83	+5.67	2.70	0.0	10	15	2	14	nw.	James A. Burnett
Higden	Cleburne	445	20	....	....	....	....	....	....	....	6.23	+1.65	1.65	0.0	8	17	6	8	s.	Austin E. Cartwrigh
Highland	Pike	491	20	47.2	....	70	7	21	16	31	5.21	+0.63	1.32	0.0	8	8	6	17	sw.	J. O. Cooley
Hope [Evap.]	Hempstead	375	69	44.6	+ 1.1	75	6	20	16	46	8.30	+3.50	1.35	0.0	13	14	9	8	w.	Experiment Farm
Hot Springs	Garland	600	48	46.0	+ 2.4	70	8	21	16	31	5.47	+0.61	1.32	0.0	12	10	13	8	n.	National Park Servi
Index †	Little River	275	22	....	....	....	....	....	....	....	5.35	+1.71	0.95	0.0	12	20	1	10	....	W. E. McDowell
Jessieville	Garland	750	13	....	....	....	....	....	....	....	5.79	−0.37	1.10	0.0	6	12	6	13	.	U. S. Forest Service
Jonesboro	Craighead	345	44	44.8	+ 4.2	72	8	25	27	36	6.78	+1.76	1.89	T	9	11	5	15	sw.	Benedictine Sisters
Judsonia	White	220	3	....	....	....	....	....	....	....	8.91	....	2.07	0.0	9	15[a]	3[a]	12[a]	....	T. H. Beals
Lead Hill	Boone	650	33	40.9	+ 2.5	72	8	15	27	46	4.14	+1.43	1.10	2.8	6	18	2	11	w.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	60	46.2	+ 4.8	70	8	25	16	31	7.86	+3.13	2.30	0.0	11	13	6	12	nw.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	3	46.4	....	72	8	23	16	35	9.11	....	2.80	0.0	12	15	3	13	sw.	U. S. Airport W. B.
Lutherville †	Johnson	775	40	44.4	+ 3.1	72	3	19	16	36	4.94	+1.01	1.35	T.	10	8	13	10	w.	H. G. Lenhardt
Madison	St. Francis	209	9	....	....	....	....	....	....	....	8.44	....	2.00	0.0	9	13	1	17	....	J. W. Eppes
Magnolia	Columbia	315	23	50.6	+ 3.0	73	7	23	16	37	6.00	+1.44	2.10	0.0	8	6	18	7	s.	State Agri. School
Mammoth Spring	Fulton	600	35	42.3	+ 4.5	72	8	15	27	46	4.92	+1.46	2.25	3.8	9	18	3	10	se.	Paul Morton
Marianna	Lee	235	28	46.0	+ 3.5	72	8†	24	27	38	7.95	+3.06	1.99	0.0	13	11	10	10	s.	C. N. Houck
Marked Tree	Poinsett	229	35	43.2	+ 3.7	78	3	22	27	42	8.13	+2.44	1.77	0.0	10	13	7	11	s.	Charles Walton
Mena	Polk	1207	51	45.8	+ 4.2	68	2	19	16	32	3.08	−0.86	0.95	0.0	12	14	6	11	sw	E. W. St. John
Monticello Airway	Drew	273	3	49.0	....	76	8	23	16	37	10.71	....	4.67	0.0	14	11	8	12	sw.	Airway Observer
Monticello (near)	Drew	273	4	....	....	....	....	....	....	....	11.04	....	4.67	....	10	..	..	..	....	Soil Conservation Se
Montongo	Drew	....	4	....	....	....	....	....	....	....	10.72	....	3.79	....	10	..	..	..	....	Soil Conservation Se
Morrilton	Conway	315	20	48.2	+ 6.9	71	8	21	16	45	5.60	+1.74	0.93	0.0	10	11	8	12	s.	Mrs. Freda M. Asher
Mountainburg (nea	Crawford	2010	2	....	....	....	....	....	....	....	2.08	....	0.79	0.5	7	14	7	10	sw.	C. A. Lovell
Mountain Home	Baxter	800	27	44.4	+ 6.3	74	2	20	16†	39	5.12	+1.79	1.50	2.0	8	17	3	11	w.	H. N. Halbert
Mountain Valley	Garland	273	2	....	....	....	....	....	....	....	5.22	....	1.15	0.0	11	18	3	10	n.	J. G. Scott
Mount Ida	Montgomery	702	40	44.2	+ 2.8	72	2	13	27	50	4.27	−0.07	0.98	0.0	9	13	5	13	sw.	G. A. Whittington
Newport	Jackson	231	56	44.8	+ 5.0	73	8	21	27	40	7.64	+2.40	1.98	T.	9	14	6	11	n.	J. D. Henderson
Norman	Montgomery	687	11	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	U. S. Forest Service
Oden	Montgomery	800	12	45.3	....	71	2	18	16	46	3.85	....	0.95	0.0	11	10	12	9	sw.	U. S. Forest Service
Okay	Howard	288	11	47.8[b]	....	71[b]	2	20[b]	1†	44[b]	5.39	....	1.26	0.0	9	13[b]	6[b]	10[b]	s.	Charles R. Jackson
Ozark	Franklin	396	44	44.2	+ 3.4	74	3	18	16	41	2.60	−0.30	0.56	0.0	9	16	3	12	se.	Orkney O. Milton
Paragould	Greene	275	16	43.8	....	66	8	25	27	34	6.31	+1.03	2.34	0.0	11	14	5	12	sw.	J. E. Garrett
Parkin	Cross	222	9	....	....	....	....	....	....	....	7.36	....	1.75	0.0	8	14	1	16	....	Carroll King
Pine Bluff	Jefferson	215	52	48.4	+ 4.5	74	8	24	16	34	8.90	+3.71	1.73	0.0	11	15	7	9	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	....	....	....	....	....	....	....	4.62	+0.02	0.98	T.	7	8	3	20	nw.	J R. Huddleston
Plantersville †	Drew	....	2	....	....	....	....	....	....	....	9.32	....	2.68	..	12	..	..	..	....	Soil Conservation Se
Pocahontas	Randolph	300	46	44.2	+ 5.3	71	3†	21	26	37	5.69	+1.14	1.90	1.5	9	17	1	13	s.	Benedictine Sisters
Portland	Ashley	122	33	48.8	+ 1.8	75	8†	23	16	38	12.01	+7.32	3.81	0.0	11	13	8	10	sw.	W E. Edmiston
Prescott	Nevada	318	51	43.5	+ 3.9	70	2†	23	16	37	7.21	+2.47	1.05	0.0	14	13	6	12	w.	J. Craig Williams
Rock Springs †	Drew	....	4	....	....	....	....	....	....	....	9.14	....	2.79	..	11	..	..	..	....	Soil Conservation Se
Rogers (near) †	Benton	1300	49	42.8	+ 5.4	70	8	13	16	40	3.41	+0.75	0.74	4.0	7	19	2	10	sw.	Carl A. Starck
Rosebud †	Faulkner	600	5	....	....	....	....	....	....	....	6.50	....	2.12	0.0	7	17	7	7	w.	G. A. Maddox
Ross †	Drew	....	2	....	....	....	....	....	....	....	11.60	....	4.26	...	10	..	..	..	....	Soil Conservation Se
Russellville [Evap]	Pope	526	27	46.9	+ 7.3	73	8	21	27	45	4.12	+0.49	1.12	0.0	9	21	0	10	se.	U. S. Forest Service
St. Charles	Arkansas	175	6	45.8	....	73	8	23	27	39	8.21	....	2.10	0.0	10	18	2	11	s.	U. S. Biological Surv
St. Francis	Clay	290	12	....	....	....	....	....	....	....	7.02	+0.88	2.11	2.0	9	14	1	16	....	A. Boyce Boyd, Jr.
Searcy	White	245	29	45.4	+ 4.6	75	8	23	16†	40	8.47	+3.68	2.27	0.0	11	17	3	11	sw.	Walter A. Smith
Springbank †	Miller	240	30	....	....	....	....	....	....	....	5.71	+1.70	0.95	0.0	13	13	2	16	....	Henry Field
Story	Montgomery	650	15	....	....	....	....	....	....	....	4.30	+0.28	1.24	0.0	7	19	4	8	n.	S. C. Story
Stuttgart	Arkansas	214	52	46.4	+ 3.4	74	8	23	16	36	10.65	+5.61	2.73	0.0	11	20	2	9	se.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	4	45.9	....	74	8	26	16	47	8.67	..	1.84	0.0	11	..	..	..	....	Rice Experiment St
Subiaco	Logan	750	42	46.1	+ 4.4	74	8	19	16	42	2.89	−0.72	0.75	0.0	10	13	8	10	se.	New Subiaco Abbey
Texarkana	Miller	332	54	50.3	+ 4.0	72	2†	22	16	37	6.18	+2.10	1.10	0.0	11	9	11	11	n.	H. S. Brashear

Climatological Data for January, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
hornburg	Perry	650	19	44.4	+ 3.7	72	8	15	27	44	5.15	+0.75	1.07	0	11	14	7	10	s.	Edward E. Holmes
urnpike†	Pope	2240	15	41.8		66	3^{+}	17	16	31	5.19	+0.63	1.23	3.7	10	14	7	10	sw.	U. S. Forest Service
nderwood	Drew		2																	Soil Conservation Ser.
aldron	Scott	675	20	47.6^{f}		72^{f}	2†	18^{f}	16	43^{g}	1.78	−2.05	0.69	0	8	13^{g}	3^{g}	8^{g}	sw.	Wilson Ferguson
arren	Bradley	206	45	49.0	+ 3.6	74	9	23	16	38	9.49	+4.67	3.40	0	9	7	2	22	nw.	C. N. Turner
hitecliffs	Little River	290	33								4.73	+0.83	1.05	0	8	11	8	12		L. M. Snead
hite Rock†	Franklin	2285	3	42.1		65	3	18	16	31	2.88		0.96	1.1	8	19	3	9	sw.	U. S. Forest Service
ilson	Mississippi	237	14	45.0	+ 3.3	73	8	25	29	32	4.17	−1.50	1.10	0	5	16	1	14	n.	D. O. Anderson
itt Springs	Searcy	1953	2								3.31		0.97	0.4	8	15	0	16	sw.	E. M. Duncan
ynne	Cross	167	15	46.5	+ 5.5	78	9	22	27	35	7.80	+2.64	1.90	0	8	14	3	14	s.	W. E. Barton
tate Means				45.5	+ 4.1	83	7†	12	16	53	6.21	−1.74	4.75	0.5	10	14	6	11	sw.	

Daily Precipitation for January, 1939

Stations	Drainage basin	Day of Month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
lum Fork Reser.	Ouachita				1.20						.55			.13				.50	T.				.10	.91					.55	1.05	.20		5.19
mity.[2]	Ouachita				.58	.21				.50	.10		.14	.56		.25			.55				.15	.87	.57					.70	.52		5.70
rkadelphia[2]	Ouachita				.08	.99				.24	1.11		.52	.94				.03	.56				.08	.39	.99				.02	.45	.62		7.02
rkansas City[2]	Mississippi				.50	2.91				T.	.86		.42	2.72	T.	.03	T.	T	.60				.17		.90					1.57	1.76		11.94
atesville Airway	White				.99					.36			.27	.15				.41						.64					.05	1.93	.52	T.	5.32
atesville River[2]	White				.44	.70				.04	.30			47					.45					.06	.72				T.	.45	1.95		5.58
ee Branch	Arkansas				1.35					.50			.25	.20				.55											1.00	1.80	.59		6.15
enton[2]	Saline				.45	.78				.05	1.50		.10	.79					.71				.17	.05	1.31					.85	.84		7.60
entonville[1‡]	Arkansas				.47				.23	.23			.02	.01	.03	T.		.58						.48					.02	1.29			3.36
ig Lake Outlet[2]	St. Francis				.05	1.68					.83			.85					.43					T.	.80					.44	1.86		6 94
lack Rock[2]	White				35	.44					.25			.38					.38					.05	.40					.45	2 21		4.91
lytheville[2]	St Francis										1.01			.82					.44						.70					.97	1.28		5 22
Booneville	Arkansas				.34					.62			.02	.06				.40						.55					T	.25	.06		2.30
oughton[2]	Ouachita				.34	.65				1.11	.90		.51	.61					.50					.48	.35				.02	.35	.55		6.37
Brinkley	White				2.75					.70	.05	.01	1 65	.40				.67					.74	1.30					.04	1.82	.16		10.29
Calico Rock[2]	White				.15	.12				.30	.30			.23					.32					.10	.48					.30	2.28		4.58
Camden[2]	Ouachita				.19	1.85				02	72		.40	1.38				.03	.60				.05	.04	.70					.56	.78		7.32
arthage	Arkansas																																
Clarendon[2]	White				.29	1.86					.12		.23	1.69					.80				.10	.05	.21					.32	1.85		7.52
Clinton	White				.53					.82			.38					.47						.70					.34	2.07			5.31
Conway	Arkansas				1.37					.85			.53					.58						1.40					.12	1.38			6.23
Corning[2]	White				.97	.48					.23			.53					.32						.42					.97	1.34		5.26
Cotter[2]	White				.25	.62				.33				.18		T.			.42					.37	.10					.18	2.35		4.80
Crossett ..[near]	Ouachita				2.36					T	.62	1.08	2.04	.32				.55					.10	.35	.14				.15	1.32			9.03
Danville[2]	Arkansas				.41	.06				.98	.04			.32				.02	.41				.02	.25	.43					.21	.82		3.97
Dardanelle[2]	Arkansas			.15	.24	.16				1.11	.08			.31				.03	.47					.20	.59						.61		3.95
De Queen	Red				.04					1.08		.22	.34	.06				.41						1.45	T.			.32		.12			4.04
Devils Knob	Arkansas				.70	.03				.71			T.	.10				.53						.70					.20	.50	.41		3.88
Dumas	Mississippi			.04	4.75					.18		.17	1.51	.23	T.	T.		.68						.75	.05				.33	1.30			9.99
El Dorado[2]	Ouachita				1.19	2.61					.78		.64	1.76		.18		T	.43				.05	.11	.67					.44	.64		9.50
England	Arkansas				2.21					.60		.09	1.60					.70					.20	1.20					.05	1.05	.15		7.85
Eureka Springs	White				.52					.54				.12		.06		.68						.55	.04					.42	1.20		4 13
Fayetteville	White				.53					.54		T.	T.	.06	T.	02		.68	T.					.63	T.				T.	.45	.46		3.37
Fayetteville Exp. S	White				54					.46			T.	.07		.06	T.	.73						.64					T.	.62	.39		3.51
Fordyce	Ouachita			.01	2.10					.43	.13	.07	1.28	.15				.59						.85					.27	.84	.05		6.77
Fort Smith[1‡]	Arkansas			.01	.08				.46	.36			.07	T.	.03	T		.35				T.	.01	.53					T.	07			1.97
Fort Smith W.[2]	Arkansas									1.01				.02				T.	.56					.04	.24				T.	.11	.24		2.22
Fulton[2]	Red				.35	.76				.66	.69		.67	.87				.30	.18				T.	.52	.70					.45	.55		6 70
Georgetown[2]	White				.40	1.55				.85				.85					.62				T.	1.30						.80	1.40		7.77
Gilbert[2]	White				.22	.27				.43	12			.19					.47					.57	.05					.36	2.00		4.68
Glenwood[2]	Ouachita				.36	16				.67		.36		.68				.56						1.02	.63					1.03	.52		5.99
Grannis	Red			.03	.08					1.16		.13	.35	.08		.04		.56					.03	1.17	.03				.50	.20	.02		4.38
Gravette[2]	Arkansas				.35					.35									.58						.48						1.15		2.91
Green Mountain	White				.30	T.				.64			.09	.15				.39	T.					.40					.01	1.33	1.05	.03	4.39
Hankins‡	Ouachita				2.94					.77		.15	1.80	.02				.50					.09	.86					.26	2.74			19.14
Harrison	White				.40				.33					.10	.02	.03		.53						.56						1.73			3.70
Helena[2]	Mississippi				.09	2.65					.73		.29	1.75					.72					.01	1.29					.60	2.70		10.63
Higden	White				1.65					.55			.35	T.				.45					T.	.76					.19	1.54	.74		6.23
Highland	Ouachita				.87					.71		.21	.46					.43						1.32					.31	.90			5.21
Hope [Evap][2]	Red				.70	.93				79	.71		.62	.93				.36	.26					.61	1.35				.01	.90	.13		8.30
Hot Springs	Ouachita				.83					.64		.06	.66	05		.02		.56					.06	1.32					.32	.88	.07		5.47
Index[2]	Red				.10	.10				.95	.65		.70	.85				.30	.20					.40	.40					.45	.25		5.35
Jessieville	Ouachita				.70					.65				.69					.35					1.10						*	2.30		5.79
Jonesboro[2]	White				.54	1.35					.46			.70					.38					.07	.81					.58	1.89		6.78
Judsonia[2]	White				1.60	1.27				.13	.95			68				.55							1 28					38	2.07		8.91
Lead Hill	White				.81								T.	.15	T.	T.		.60						.51					T.	1.10	.97		4.14
Little Rock[1‡]	Arkansas			T.	2.30					.97		.02	.62	.02				.69				.11	.11	1.31					.35	1.36			7.86
LittleRock Air'y.[1]	Arkansas			T.	2.80	.01				1.02		.01	.78	.11				.68					.19	1.33	T.				.27	1.72	.19		9.11
Lutherville	Arkansas				.63					1 35			.15	.05		.05		.66						.90					.15	.70	.30		4.94
Madison[2]	St. Francis				.10	2.00					.55		T	1.56					.77				.11	T.	1.25					60	1 50		8.44
Magnolia	Red				1.20					1.00	.10		2.10					.40						.30	T.				.10	.80			6.00
Mammoth Spg[2]	White				.05	.55				.03	.44			.26					.42					T.	.45					.47	2.25		4 92
Marianna	St. Francis			.03	1.99	.11				.25	.08	.15	1.34	.30				.73						1.20	.17				.05	1.55			7.95
Marked Tree[2]	St. Francis				.68	1.77					.61			1.05			.03	.66						.33	.92					.46	1.62		8.13
Mena[2]	Ouachita				12	.03				.95	.01		T.	.30		T.		.43	.12				05	.76	.15				T	.11	.05		3.08
Monticello Airway	Ouachita			.04	4.69					.10	.28	.06	1.85	.20				.59	.01				.10	.76	.02				.21	1.80			10.71
Monticello(near‡	Ouachita				4.67	.03				.16		.02	2.20					.52					.07	.97					.27	2.13			11.04
Montongo	Ouachita				3.79					.54		.09	1.81	.02				.60					.09	.84					.25	2.69			10.72
Morrilton[2]	Arkansas				.90	.16				.70	.28			.70					.50					.20	.93					.48	.75		5.60
Mountainburg	Arkansas									.79				.03		T.		.36						.43					.04	.35	.08		2.08
Mountain Home	White				.70	.12				.40					.20			.50						.60					T.	1.50	1.10		5.12
Mountain Valley	Ouachita				.76					.62		.03	.60	.10		T.		.55					.15	1.15					.23	.83	.20		5.22
Mount Ida	Ouachita				.51					.66			.50	.08				.44						.98					.20	.85	.05		4.27
Newport[2]	White				1.24	1.20					.57			.70					.51					.06	.89					.49	1.98		7.64
Norman[2]	Ouachita																																
Oden[2]	Ouachita				.64					.74			.33			.03		.41					.09	.95	.01				.15	.48	.02		3.85
Okay	Red				.20					1.18		.21	1.07	.06				.57				1.26							.25	.59			5.39
Ozark[2]	Arkansas			.50		.47				.23				.09		T.			.56					.42	.08				T.	03	.22		2.60
Paragould	St. Francis				1.24	.27				.36			.18	.52				.33	.03					.76					.01	2.34	.27		6.31
Parkin[2]	St. Francis				T.	1.75					.50		T.	1.18					.70				.10	T.	1.30					.55	1.28		7.36
Pine Bluff[2]	Arkansas				1.73	1.47					.63		.42	1.29				T	.68				.10	.02	.92					.67	.97		8.90
Pine Ridge[2]	Ouachita				.93	.31				.96			38					.48						.98						.58			4.62

Daily precipitation for January, 1939

Stations	Drainage basin	Day of Month																															Tot
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Plantersville ‡	Ouachita			.04	2.68					.75		.13	1.69	.02				.47					.07	.70	.02				.25	2.50			9.
Pocahontas	White				1.12	.06				.30			.12	.35				.36						.63						1.90	.85		6.
Portland[2]	Ouachita				3.81						1.05	.03	1.15	1.81		.16			.48				.20		.52					1.70	1.10		12.
Prescott[2]	Ouachita				.47	.75				.51	1.05		.54	1.05				.26	.28				.04	.48	.80				.03	.42	.58		7.
Rock Springs	Ouachita			.03	2.79					.70		.08	1.76					.62					.06	.70	.02				.17	2.21			9.
Rogers (near)	White				.49					.37				.11				.74						.62						.70	.38		3.
Rosebud	Arkansas				1.11					.58			.54					.48						1.12						2.12	.55		6.
Ross ‡	Ouachita				4.26					.60		.14	1.89	.03				.56					.08	.84					.29	2.91			11.
Russellville	Arkansas				.42					1.12			.08	.18				.48					T.	.50					.15	.80	.39		4.
St. Charles[2]	White				.50	2.10					.57		.27	1.20	T.				.63				.14		.94					.46	1.40		[illegible]
St. Francis[2]	St. Francis				1.42	1.05					.34			.68					.29					.04	.44					.65	2.11		7.
Searcy	White				1.00	1.19				.01	31		T.	.72					.53				.10	.15	1.19					.50	2.27		8.
Springbank[2]	Red				.25	.22				.71	.95		.80	.94		.05		.07	.32				T.	.20	52				T.	.30	.38		5.
Story[2]	Ouachita					.47					.63			.62					.40						1.24					.43	.51		4.
Stuttgart[2]	Arkansas				.45	2.73					.57		.32	1.70					.83				.05	.12	1.18					.55	2.15		10.
Stuttgart [Evap][2]	Arkansas				.45	1.84					.67		.33	1.49					.70				.18	.02	1.20					.94	.85		8.
Subiaco	Arkansas				.38					.75			.05	.11				.45					.02	.72					.03	18	.20	T.	2.
Texarkana[2]	Red				.15	.50				.50	1.10		.60	1.00		.12		.63						.53	.53					.52			6.
Thornburg	Arkansas				.86	T.				.78		.01	.67	.17				.27	T.					1.07	.01				.21	.98	.12		5.
Turnpike	Arkansas				.74	.03				1.12			.03	.04				.56						.71					.22	1.23	.51		5.
Underwood ‡	Ouachita																																
Waldron	Arkansas				.05				.10	.50				.02				.30						.69					.01	.11			1.
Warren	Ouachita			T.	3.40					.15	.42		1.63					.55					.02	.97					.30	2.05			9.
Whitecliffs[2]	Red									1.05			.66	.60				.57						.80	.50				T.	.45	.16		4.
White Rock	Arkansas				.07	T				.96				.07		.04		.58						.55					T.	.50	.11		2.
Wilson[2]	Mississippi			1.10	.50									1.02				.60							.95								4.
Witt Springs	Arkansas				.39	.45				.97			.13	T				.48						.47					.11	T	.31		3.
Wynne[2]	St. Francis			.15	1.90					.60			1.24					.56						1.25					.50	1.60			7.

Daily temperatures for January, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Alum Fork	Maximum	59	70	78	70	58	63	67	70	66	65	60	60	47	51	48	45	44	50	65	67	64	61	38	48	53	56	55	50	55	52	49
	Minimum	27	32	33	50	24	33	31	35	45	55	42	35	35	29	30	18	28	27	28	27	37	34	26	28	25	37	38	21	40	30	32
Amity §§	Maximum	63	71	69	64	63	66	70	69	64	60	48	43	53	57	43	49	46	58	64	70	66	47	39	51	61	53	56	55	60	54	61
	Minimum	22	25	30	52	40	25	27	40	43	38	38	39	33	31	31	19	20	25	26	29	35	40	29	29	24	25	19	22	35	35	33
Arkadelphia §§	Maximum	64	75	66	66	67	70	83	83	78	62	51	45	57	60	52	51	60	58	64	72	74	50	41	58	62	58	62	58	62	62	63
	Minimum	21	27	38	49	42	26	30	39	49	40	39	42	33	33	33	20	32	33	27	27	32	42	30	30	24	34	20	33	38	38	34
Batesville	Maximum	62	69	72	62	60	64	69	71	64	58	50	48	49	54	48	42	38	51	60	70	66	62	34	59	55	50	51	43	52	50	42
	Minimum	25	36	40	57	46	26	31	36	55	44	35	38	33	34	34	23	26	29	26	32	49	34	28	33	27	38	23	37	42	35	32
Bee Branch	Maximum	57	68	68	60	58	61	67	69	65	65	54	50	50	51	48	41	40	45	55	64	64	60	39	45	57	58	48	49	50	50	51
	Minimum	28	30	37	54	42	26	31	36	51	40	37	36	33	30	30	20	28	27	25	36	33	34	28	30	22	35	20	35	39	34	32
Benton §§	Maximum	61	65	64	64	61	65	69	74	60	60	49	44	52	56	50	47	48	54	63	68	68	45	37	53	57	54	53	57	56	55	54
	Minimum	20	21	25	47	45	24	23	27	38	38	36	36	35	31	32	19	18	28	22	22	24	23	30	29	22	20	18	17	37	36	34
Bentonville ***	Maximum	57	67	67	63	55	62	65	68	65	56	46	42	48	48	36	46	38	46	55	64	62	39	35	41	58	45	50	45	45	42	53
	Minimum	33	36	50	46	38	34	41	47	44	37	36	33	30	27	21	18	29	24	30	34	39	25	28	25	25	32	25	38	33	32	35
Blytheville	Maximum	57	66	65	62	59	64	66	72	64	60	46	42	42	51	49	40	44	47	56	66	54	40	36	48	50	50	51	50	54	52	44
	Minimum	30	34	49	55	35	32	34	32	54	40	32	33	34	31	33	32	27	31	27	34	37	34	28	32	26	30	23	33	46	35	32
Booneville	Maximum	64	75	71	72	62	68	70	71	72	66	55	50	55	53	49	48	45	54	61	71	69	62	42	51	63	55	56	47	58	51	54
	Minimum	23	27	49	57	41	26	35	44	50	38	36	39	30	25	30	17	34	24	23	26	30	36	28	30	21	29	18	39	42	35	33
Brinkley	Maximum	55	68	70	65	61	64	66	74	68	62	57	49	41	49	49	44	47	51	59	68	68	64	39	52	52	54	51	47	54	54	48
	Minimum	28	33	47	58	47	30	31	31	56	42	39	40	35	33	34	23	30	31	27	40	42	38	30	32	25	34	23	35	46	38	33
Camden	Maximum	63	71	68	67	63	67	73	73	68	65	59	55	54	56	54	49	60	56	66	74	65	65	51	54	59	58	55	52	59	59	61
	Minimum	22	31	45	57	46	29	31	39	54	39	41	41	36	35	35	23	30	31	36	29	35	44	32	36	27	37	23	40	47	40	33
Carthage	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	.	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..
Conway	Maximum	61	72	71	63	62	67	72	74	65	61	51	48	53	55	49	47	42	53	62	72	68	62	40	53	61	57	55	44	55	53	48
	Minimum	24	28	49	54	45	28	31	38	53	43	39	39	33	31	32	21	30	30	26	30	38	38	30	33	24	31	22	39	44	37	34
Corning	Maximum	61	68	71	62	58	64	68	69	63	62	52	45	47	51	50	38	39	45	59	66	64	62	46	48	51	46	50	47	52	52	42
	Minimum	26	31	47	46	42	27	29	32	54	41	32	33	31	31	31	30	25	26	24	32	39	30	25	28	23	31	20	33	41	34	32
Crossett	Maximum	63	69	74	70	65	62	73	70	75	72	58	50	51	58	55	50	61	56	63	69	71	64	53	55	58	58	53	54	63	58	60
	Minimum	23	31	38	38	47	25	25	42	51	48	41	40	37	26	33	18	26	29	25	27	35	40	32	33	26	31	18	35	49	39	27
Dardanelle	Maximum	64	72	72	65	60	66	71	73	70	62	55	52	53	51	49	45	42	50	60	68	68	62	40	50	62	52	55	51	53	52	47
	Minimum	25	29	48	53	45	27	33	39	51	42	39	38	37	31	32	21	32	27	26	29	33	37	30	32	25	35	22	38	40	35	36
De Queen	Maximum	62	67	67	67	64	62	67	63	68	63	53	48	55	54	49	47	50	55	60	68	65	65	46	53	60	56	56	50	63	56	63
	Minimum	22	28	42	57	41	26	37	47	50	35	38	40	32	29	28	18	32	25	25	25	31	42	30	30	23	30	18	39	44	37	33
Devils Knob	Maximum	47	56	62	59	53	54	63	63	61	57	48	41	43	41	37	35	35	39	50	56	56	54	30	37	50	47	41	39	50	44	40
	Minimum	37	42	48	51	36	41	44	47	47	34	40	35	30	27	22	17	27	22	24	39	44	25	22	24	26	30	30	30	35	28	23
Dumas	Maximum	62	63	70	65	60	65	68	75	73	64	56	51	50	54	53	49	56	54	62	70	70	62	43	48	58	56	54	52	61	56	57
	Minimum	26	32	46	57	48	33	33	45	58	47	43	40	37	34	38	25	32	33	33	34	41	38	33	32	28	37	26	38	51	40	35
El Dorado	Maximum	64	70	70	65	65	64	70	72	74	65	67	49	52	58	53	49	64	56	62	70	69	64	42	54	61	58	54	55	55	56	61
	Minimum	27	37	49	56	40	40	34	36	62	47	48	42	36	36	34	24	35	33	34	37	42	41	34	38	30	43	26	42	48	41	36
England	Maximum	60	67	69	63	61	64	66	73	71	61	55	60	51	55	50	46	49	52	62	70	71	63	42	51	55	56	50	49	58	56	52
	Minimum	28	32	42	56	44	32	34	40	56	42	38	38	35	36	35	24	29	30	29	36	40	8	30	32	26	33	25	37	45	37	35
Eureka Springs	Maximum	58	70	69	63	58	64	67	71	67	60	52	43	48	47	42	49	38	47	57	64	62	56	35	43	57	53	53	44	54	43	44
	Minimum	38	45	51	56	37	38	45	46	49	36	37	34	31	29	24	15	32	24	31	37	45	24	24	25	24	30	24	35	41	29	31
Fayetteville	Maximum	58	69	68	63	58	62	67	69	66	60	53	44	50	47	44	47	41	49	57	66	62	57	35	43	56	52	51	46	47	44	50
	Minimum	35	41	51	57	38	29	44	43	48	35	34	36	30	27	25	16	34	24	30	34	42	27	27	26	24	30	21	35	41	31	34
Fayetteville Exp. S	Maximum	55	67	67	63	58	61	65	67	65	59	49	45	48	46	43	45	41	44	56	62	61	57	35	40	56	50	49	45	47	44	50
	Minimum	32	40	52	57	37	31	42	43	48	32	34	34	29	28	25	17	35	25	32	35	43	27	27	25	28	30	25	38	44	32	37
Fordyce	Maximum	65	68	69	65	65	63	67	67	68	62	58	55	52	54	59	52	57	54	60	67	67	66	65	53	56	55	52	49	59	55	58
	Minimum	53	58	58	64	40	35	32	35	..	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fort Smith***	Maximum	61	72	70	70	59	67	67	67	69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	30	37	47	49	41	33	43	47	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Gilbert	Maximum	47	63	73	73	65	63	67	70	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	17	21	23	54	42	19	30	27	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Grannis	Maximum	61	68	67	65	62	66	68	65	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	25	30	42	53	35	22	34	43	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Gravette§§	Maximum	59	69	69	66	56	63	68	70	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	27	36	38	50	37	32	38	39	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Green Mountain	Maximum	60	69	68	64	57	61	66	70	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	40	43	49	55	49	42	44	48	53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Harrison	Maximum	61	72	68	67	56	61	63	72	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	30	38	48	54	41	24	35	35	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Helena	Maximum	59	63	68	68	59	64	69	74	68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	29	38	45	56	47	38	39	47	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Highland	Maximum	60	65	67	61	64	56	70	63	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Minimum	32	37	49	57	40	35	39	48	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Daily temperatures for January, 1939, continued

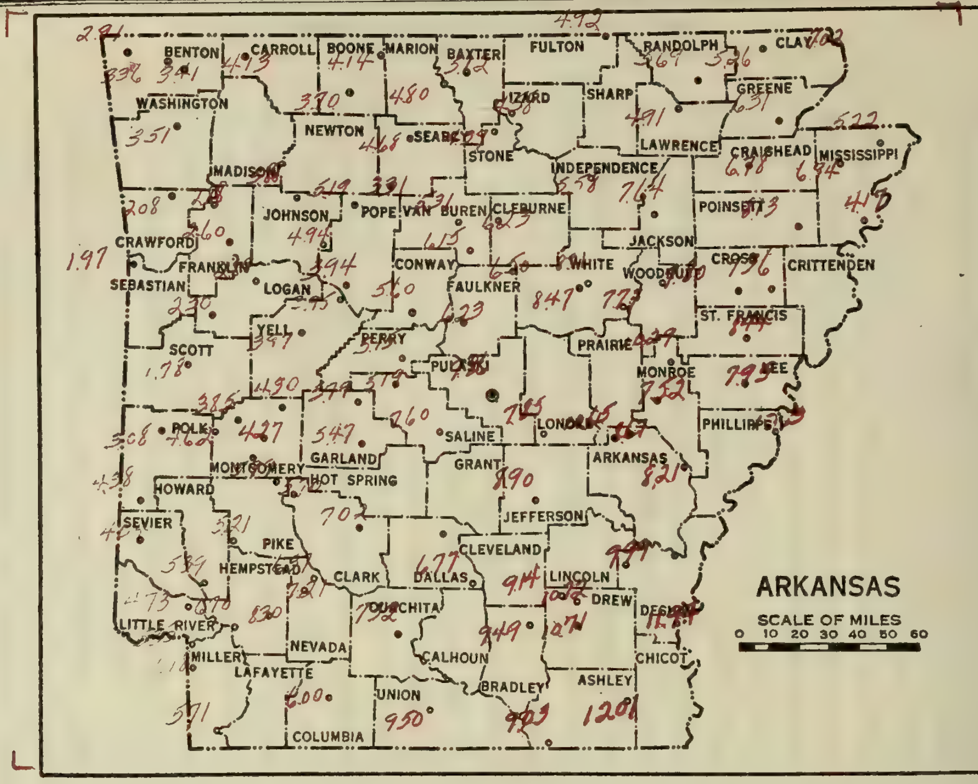
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hope §§	Maximum	59	68	63	63	60	75	68	68	55	64	46	43	36	52	42	45	54	54	55	67	65	45	36	50	58	55	49	51	60	55	67	55.7
	Minimum	25	26	31	53	45	29	30	35	52	40	41	41	35	34	36	20	24	29	29	33	36	41	31	31	28	30	23	24	37	38	34	33.6
Hot Springs	Maximum	58	65	62	64	59	62	65	70	64	58	49	46	51	52	47	45	45	51	59	67	64	60	38	50	57	52	52	47	56	51	55	55.5
	Minimum	30	39	45	58	45	31	36	43	54	40	40	38	37	32	33	21	30	28	29	38	41	38	30	33	28	35	25	37	45	37	33	36.4
Jonesboro	Maximum	59	66	68	61	59	64	68	72	62	62	50	48	45	52	49	38	40	47	57	67	65	62	36	47	52	49	51	48	54	53	43	54.6
	Minimum	32	37	46	54	45	29	32	36	51	43	37	35	31	31	34	29	26	29	29	38	42	34	26	31	27	34	25	33	40	34	32	34.9
Lead Hill	Maximum	64	62	63	68	65	65	67	72	66	58	49	46	51	52	46	45	39	49	57	51	60	60	35	39	61	53	45	45	49	45	43	53.9
	Minimum	18	22	32	48	41	20	26	30	38	34	30	33	29	27	28	16	28	19	19	25	29	26	23	27	18	25	15	37	40	31	30	27 9
Little Rock.* **	Maximum	58	66	62	65	58	61	66	70	65	57	49	46	48	52	42	42	46	51	60	67	65	55	35	50	55	51	48	50	56	51	50	54.7
	Minimum	32	38	49	52	44	37	39	45	55	45	42	36	36	38	30	25	33	31	32	36	42	35	31	34	31	37	31	40	42	37	36	37.8
Little Rock [Airway]	Maximum	62	68	62	62	60	64	66	72	64	60	50	48	51	55	46	44	46	55	62	70	68	61	38	51	56	54	50	46	56	54	50	56.5
	Minimum	29	35	44	55	45	29	32	38	55	44	41	40	36	35	35	23	30	31	30	36	37	36	31	33	27	36	24	38	45	38	35	36.2
Lutherville	Maximum	57	70	72	63	58	60	66	71	63	60	54	49	52	48	45	42	38	46	55	64	65	60	36	47	57	53	50	47	56	52	46	54.9
	Minimum	29	34	44	57	38	32	38	44	50	38	38	37	35	30	30	19	31	25	27	35	33	32	27	23	25	36	23	36	36	34	33	34.0
Magnolia	Maximum	64	72	71	69	65	67	73	71	62	68	65	60	55	57	50	50	62	63	62	70	68	69	50	51	59	67	55	52	61	55	64	62.2
	Minimum	27	40	50	58	44	35	41	51	50	41	39	40	35	36	36	23	37	33	31	35	43	45	33	37	29	40	24	40	49	50	36	39.0
Mammoth Spring	Maximum	63	69	71	64	58	63	65	72	64	61	53	48	48	50	46	42	36	44	55	64	69	63	35	43	54	51	51	45	46	46	40	54.2
	Minimum	19	23	41	54	43	21	25	30	54	41	29	34	32	35	29	26	25	22	19	24	30	28	25	28	20	31	15	35	40	33	30	30.4
Marianna	Maximum	64	64	67	64	58	63	64	72	72	64	53	47	46	52	52	52	49	49	59	67	66	63	39	50	51	52	50	50	56	56	48	56.7
	Minimum	31	31	46	58	49	30	30	34	34	47	38	41	36	33	28	28	31	34	30	35	37	35	31	34	29	37	24	35	39	39	33	35.4
Marked Tree§§	Maximum	58	67	78	62	60	63	67	72	65	56	48	43	45	52	50	42	44	46	59	67	65	42	35	47	50	51	49	51	55	42	50	54.2
	Minimum	23	29	36	48	44	29	30	33	37	45	35	35	32	31	34	29	27	30	27	30	36	35	25	28	27	30	22	27	38	35	30	32.2
Mena	Maximum	60	68	65	65	60	65	68	64	67	60	51	46	52	50	40	48	41	51	59	67	64	60	39	48	58	50	55	45	61	53	59	56.1
	Minimum	31	40	51	55	39	34	39	44	51	37	41	36	33	28	28	19	32	26	30	37	43	36	29	31	27	35	23	35	44	33	35	35.5
Monticello	Maximum	57	63	68	67	64	66	72	76	74	66	54	49	50	56	54	49	58	55	61	67	68	63	40	52	53	56	54	53	59	54	57	59.2
	Minimum	30	39	44	56	48	34	35	46	60	48	46	42	38	36	40	23	31	32	32	38	44	40	33	35	28	38	28	33	49	41	35	38.8
Morrilton§§	Maximum	61	70	70	68	67	66	67	71	69	68	67	66	66	61	65	65	64	64	63	67	65	65	64	64	64	63	63	60	62	62	61	65.1
	Minimum	27	25	31	52	44	29	31	35	44	41	37	38	34	31	31	21	22	28	25	27	30	30	28	29	25	25	22	23	36	34	33	31.2
Mountain Home	Maximum	65	74	73	64	56	64	70	72	70	64	64	51	51	52	46	45	36	47	55	67	68	60	45	43	61	51	54	42	46	48	41	56.3
	Minimum	28	40	42	52	42	26	33	35	52	35	40	33	37	32	28	20	28	22	22	34	40	23	24	29	22	33	20	36	41	32	31	32.6
Mt. Ida	Maximum	63	72	68	67	63	65	70	68	67	61	60	51	55	53	43	47	45	55	63	71	64	63	40	51	60	54	54	46	60	55	57	58.4
	Minimum	17	22	36	56	41	20	26	30	51	33	38	34	32	25	29	14	26	23	20	23	30	38	29	31	19	31	13	35	42	36	28	29.9
Newport	Maximum	58	69	69	63	60	56	68	73	65	62	52	49	47	49	52	40	40	51	58	67	66	63	38	50	54	49	51	46	54	52	44	55.3
	Minimum	27	31	41	57	46	28	30	33	59	35	35	40	33	34	31	23	27	30	24	33	42	35	27	32	24	32	21	37	44	37	32	34.2
Oden***	Maximum	62	71	65	65	61	65	68	66	67	58	51	42	51	52	38	47	44	52	61	69	62	56	40	50	60	50	54	44	60	55	57	56.2
	Minimum	36	47	56	51	31	19	33	43	50	39	39	36	35	28	26	18	33	27	28	34	41	34	30	33	26	29	19	36	38	37	35	34.4
Okay	Maximum	64	71	70	67	64	65	69	69	69	66	59	48	55	55	55	49	57	56	60	69	68	..	..	54	60	56	56	51	60	62	64	61.0
	Minimum	20	28	49	58	42	26	30	44	49	38	41	41	33	32	35	20	37	27	28	28	31	..	..	34	26	34	20	38	39	40	35	34.6
Ozark	Maximum	58	67	74	69	59	62	65	67	70	71	59	52	52	50	51	46	40	49	57	67	49	67	38	49	60	52	47	50	58	50	50	56.6
	Minimum	23	28	37	46	38	28	33	35	43	44	37	39	30	28	31	18	34	28	24	26	30	32	28	30	22	30	20	39	36	35	36	31.9
Paragould	Maximum	55	63	62	62	60	59	63	66	63	63	53	50	43	48	49	41	41	45	54	62	62	61	38	46	48	47	46	47	53	53	43	53.1
	Minimum	29	32	39	54	47	27	29	34	52	45	35	38	33	31	32	32	27	30	28	33	38	34	27	32	29	34	25	33	43	36	34	34.6
Pine Bluff	Maximum	62	68	69	66	62	66	68	74	67	61	50	47	52	57	52	47	54	55	62	70	69	64	39	53	58	56	52	58	59	56	55	59.0
	Minimum	30	36	48	57	44	32	34	42	58	44	43	39	37	35	37	24	32	31	31	39	43	37	32	35	27	38	26	40	48	40	36	37.9
Pocahontas	Maximum	60	66	71	63	60	63	67	71	65	63	54	49	48	52	49	39	36	47	57	67	65	64	38	47	50	48	49	46	56	56	42	55.1
	Minimum	25	30	40	55	45	27	30	35	53	43	33	38	33	32	29	30	26	28	24	30	35	32	27	30	27	35	21	33	42	35	29	33.3
Portland	Maximum	57	68	73	70	64	65	70	75	75	71	63	50	48	57	53	48	60	58	63	69	69	63	41	54	58	56	52	54	62	56	60	60.7
	Minimum	26	30	42	55	47	30	32	45	55	50	46	42	36	30	37	23	30	32	32	32	38	41	32	33	26	36	25	39	50	38	32	36.8
Prescott	Maximum	63	70	66	66	63	67	67	70	65	63	59	47	56	55	51	49	56	55	61	68	68	65	43	54	60	57	56	51	60	56	64	59.7
	Minimum	29	33	46	58	42	32	36	44	53	41	44	41	35	35	37	23	33	30	31	34	40	43	31	35	28	37	25	38	47	39	35	37.3
Rogers	Maximum	58	69	69	66	62	64	67	70	66	61	55	45	48	48	45	48	42	46	56	65	63	56	35	41	56	55	51	48	45	44	49	54.6
	Minimum	21	32	51	56	39	24	33	39	48	33	32	33	31	25	25	13	33	22	26	35	40	25	25	23	20	20	17	37	42	31	33	31.1
Russellville [Evap]	Maximum	64	72	73	69	61	67	67	72	71	69	57	53	55	53	50	58	46	51	59	70	68	63	41	51	64	61	55	55	57	60	54	60.2
	Minimum	24	27	52	57	45	26	31	37	51	41	38	40	41	29	32	24	32	29	25	26	30	36	30	31	29	29	21	39	40	25	25	33.6
St. Charles§§	Maximum	59	65	71	63	60	63	68	73	70	60	53	44	46	54	50	46	52	50	59	65	67	45	38	50	53	54	51	58	59	52	53	56.5
	Minimum	28	32	44	50	48	30	31	34	41	47	39	41	35	34	36	24	26	33	28	33	41	42	31	31	27	33	23	31	41	39	34	35.1
Searcy	Maximum	61	68	68	63	60	66	69	75	63	61	50	50	52	54	49	46	42	50	60	68	67	63	39	52	55	57	53	45	55	53	47	56.8
	Minimum	25	29	42	55	45	27	30	35	55	41	39	41	34	35	32	23	28	28	26	29	34	37	28	32	25	30	23	36	43	36	33	34.1
Stuttgart	Maximum	61	67	70	64	61	63	67	74	67	61	51	47	48	57	53	45	50	52	62	68	69	61	39	52	54	53	52	50	60	53	54	57.6
	Minimum	25	34	42	56	45	31	33	40	55	42	39	39	34	33	34	23	28	30	28	36	35	36	30	32	25	33	24	35	45	38	33	35 3
Stuttgart Evap. §§	Maximum	60	64	70	63	60	64	70	74	70	58	51	46	43	54	49	46	51	50	59	67	67	44	38	49	53	52	51	59	60	51	53	56.3
	Minimum	29	35	35	47	47	34	35	37	44	45	40	43	36	35	35	26	28	33	28	33	39	40	32	32	27	31	27	30	41	40	35	35.5
Subiaco	Maximum	62	72	72	68	61	65	69	74	70	67	53	51	52	49	48	48	40	49	58	69	67	63	39	48	60	57	54	51	54	54	50	57.9
	Minimum	25	30	45	56	43	28	34	41	50	39	39	37	32	31	29	19	32	26	31	39	36	34	27	29	26	36	24	39	38	33	34	34.3
Texarkana	Maximum	66	72	71	68	67	66	71	69	68	70	65	47	58	57	48	52	58	55	62	72	68	65	49	55	64	58	56	50	63	59	66	61.8
	Minimum	29	39	50	60	45	40	39	50	52	48	41	41	34	33	35	22	36	28	33	35	43	46	32	35	29	39	25	39	48	39	38	38.8
Thornburg	Maximum	64	71	68	65	60	64	70	72	67	60	50	46	55	54	42	41	45	56	60	70	65	60	38	50	59	51	52	44	54	51	48	56.5
	Minimum	20	30	48	57	43	25	27	33	51	42	31	36	35	27	29	16	31	28	22	26	43	35	27	30	22	32	15	35	43	33	29	32.3
Turnpike	Maximum	53	63	66	58	56	58	64	65	63	61	56	42	46	45	38	39	35	45	45	61	66	55	29	40	51	47	45	47	50	46	40	50.8
	Minimum	30	34	40	42	38	41	44	48	47	40	35	32	29	27	23	17	27	24	32	40	43	24	22	26	27	32	30	29	36	28	29	32.8
Waldron	Maximum	..	72	71	72	65	68	71	66	72	67	55	65	56	56	..	49	44	54	..	71	..	..	65	55	62	58	56	47	..	51	59	61.1
	Minimum	31	..	64	57	42	25	32	35	50	40	38	38	31	26	..	18	36	25	..	24	..	..	30	32	23	32	19	38	..	35	32	34.1
Warren	Maximum	62	67	71	66	63	65	70	73	74	65	62	54	56	54	53	49	59	55	61	68	65	64	43	53	58	67	53	50	60	56	60	60.5
	Minimum	24	36	47	57	47	31	33	43	60	46	45	41	32	32	32	23	30	31	35	43	41	40	34	34	25	40	24	39	47	39	33	37.5
White Rock	Maximum	52	62	65	59	56	58	61	64	62	57	46	42	46	42	40	39	36	46	54	57	56	55	39	40	55	47	47	42	48	45	44	50.4
	Minimum	36	42	48	52	35	41	45	48	45	35	40	34	35	25	20	18	29	22	30	40	45	24	22	24	28	31	29	30	36	27	32	33.8
Wilson	Maximum	54	56	65	63	58	62	65	73	65	66	50	47	42	50	50	43	46	45	55	64	65	61	36	48	51	48	48	51	57	52	48	54.3
	Minimum	30	35	50	50	46	30	34	43	46	48	37	39	34	31	37	29	31	33	33	32	42	34	26	32	27	34	32	38	25	32	35	35.6
Wynne	Maximum	61	68	68	73	61	64	69	72	78	63	56	48	44	54	52	45	46	49	59	67	67	63	47	50	56	52	50	50	56	53	50	57.8
	Minimum	26	35	45	56	46	32	34	37	58	43	37	40	34	33	36	23	29	31	27	33	37	36	27	32	25	34	22	34	43	37	30	35.2

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§**Thermometers read in morning; maximum temperature credited to preceding day**

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope [Exp. Farm]	Evap.	.038	.051	057	.172	.230	.230	.116	.058	..	..	*	.112	...	....	.139	*	.219	.197	.110	.012	.112	.182	.202	....	.095	.094	.132	.088	....	.107	.092	3.528
	Mean tem.	42	47	4	58	5	5	49	52	54	52	44	42	36	43	39	32	39	42	42	50	50	43	34	40	43	42	36	38	48	46	50	44.6
	Wind move	19	21	30	60	8	47	27	36	37	52	6	53	84	36	46	51	36	110	52	88	28	106	74	43	72	53	42	47	46	138	44	1670
Russellville [Ozark Nursery]	Evap.	.042	.050	.080	.104	.172	.066	.038	.066	.080	.122	.038	.038	.057	.067	.076	.062	.014	.028	.064	.048	.086	.114	.008	.035	.133	.155	.078	.184	.188	.001	.067	2.361
	Mean tem.	44	50	62	63	53	46	49	54	61	55	48	46	48	41	41	41	39	40	42	48	49	50	36	41	46	45	38	47	48	42	40	46.9
	Wind move	18	37	63	50	109	13	17	10	58	74	16	32	56	32	68	19	51	74	22	13	66	81	37	86	22	88	1	41	31	130	56	1476
Stuttgart [Rice Exp. Farm]	Evap.	*	.048	.021	.072	.089	*	.166	.032	.061	.041	.061	.025	..	.022	.136	*	*	*	*	.076	.072	.148	.021	.072	*	*	*	.256	.010	.076	.053	1.610
	Mean tem.	44	50	52	55	54	49	52	56	57	52	46	44	40	44	42	36	40	42	44	50	53	42	35	40	40	42	39	44	50	46	44	45.9
	Wind move	34	32	79	119	165	99	36	15	110	125	36	38	131	52	52	90	61	154	43	57	71	152	73	84	100	108	35	73	153	220	118	2715



Daily River Stages for January, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....	5.4	5.4	5.1	5.1	5.0	5.0	5.0	5.0	....	....	....	5.0	5.0	5.
Van Buren	do	22	3.5	3.5	3.4	3.5	3.4	3.4	3.4	8.4	3.5	3.5	3.6	3.6	3.8	3.7	3.7	3.7	4.5	4.5	4.2	4.3	4.2	4.1	4.1	4.1	4.0	4 0	4.0	4.1	4.0	4.
Danville	Petit Jean	20	3.8	3.7	3.6	3.6	5.7	5.4	4.7	4.3	4.5	11.8	10.8	9.0	7.6	7.0	6.2	5.7	5.2	6.1	6.1	5.8	5.5	5.2	5.0	6.4	7.6	7.6	7.0	6.4	6.1	8.
Ozark	Arkansas	22	-0.5	-0.5	-0.5	-0.4	-0.5	-0.5	-0.4	-0.4	-0 4	-0.4	-0 3	-0.3	0.0	0.0	0.0	0.0	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.
Dardanelle	do	22	2.0	1.8	1.8	1.7	2.4	2.3	2.3	2.4	2.4	4.1	3.7	3.4	3.2	3.2	2.9	2 9	2.8	4.0	4.0	3.7	3.6	3.4	3.3	3.6	3.5	3.4	3.3	3.3	3.3	4.
Morrilton	do	20	-2.5	-2.5	-2.5	-2.6	-2.2	-1.8	-1.6	-1.7	-1.9	-0.5	0.7	0.5	0.2	0.0	-0.4	-0.8	-1.0	-0.8	0.2	0.2	-0.1	-0.4	-0.7	-0 4	0.0	0.0	-0.2	-0.4	-0.4	0.
Little Rock	do	23	0.3	0.3	0.3	0.3	0.8	1.4	1.6	1.5	1.3	1.4	2.1	3.0	3 0	2.9	2.8	2.4	2.1	1.9	2.0	2.5	2.5	2.2	2.0	2.4	2.8	3.0	2.8	2.5	2.3	3.
Pine Bluff	do	25	3.8	3.8	3.7	3.7	4.1	4.4	4.9	5.1	5.0	4.9	5.0	5.9	6.7	6.7	6.6	6.5	6.0	5.7	5.5	5.5	5.9	5.9	5.5	5.6	5.9	6.4	6.5	6.4	6 1	6.
Gilbert	Buffalo	30	3.0	2.9	2.9	3.0	3.0	4.1	4.1	3.9	3.8	4.3	4.2	4.6	4 6	4.0	3.9	3.8	3.8	3.8	3.8	3.9	3.8	3.8	4.0	3.8	3.7	3.7	3.7	3.7	3.8	12.
Doniphan, Mo.	Current	10	2.4	2.4	2.4	2.5	2.6	2.7	2.7	2.7	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.9	3.5	3.8	5.
Black Rock	Black	14	1.9	1.9	1.8	1.9	4.3	3.5	3.1	3.0	2.9	3.2	3.1	3.0	3 2	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.7	2.7	2.6	2.7	2.7	2.8	12.
Judsonia	Little Red	30	3.4	3 4	3.4	3.7	9.0	10.4	9.0	8.4	7.8	8.7	8.4	10.0	10.0	10.3	10.1	9.7	9.2	9.4	9.0	8.7	8.7	8.3	7.7	9.8	9.5	9.5	9.2	9.0	8.9	20.
OzarkBeachMo	White	30	-0.6	-0.6	-0.2	-0.6	-0.6	-0.6	-0.6	-0.6	-0.3	0.6	0.4	0.4	0.2	0.0	-0.7	-0.6	0.4	0.4	0.5	0 5	2.0	-0.6	-0.6	-0.6	1.7	1.5	0.4	1.6	-0.6	3.
Cotter	do	21	3.2	3.0	3.0	3.0	3 5	3.8	3.3	3.3	3.3	3.3	3.3	3.3	3 3	3.3	3.8	3.8	3.8	3.8	3.8	3.6	4.0	4.0	4.0	3.6	3.6	3.9	4.0	4.0	4.2	8.
Calico Rock	do	18	0.7	0.7	0.6	0.6	1.0	2.0	2.0	1.8	0.9	2.5	2.7	2.8	2.5	2.4	2.3	2.2	2.1	1.8	2.1	2.1	2.1	2.1	2.3	2.4	2.0	2.3	2.4	2.5	2.4	10
Batesville	do	23	5.6	5.5	5.4	5.4	6.3	6.1	7.0	6.9	6.7	7.0	7.5	7.8	7.8	7.7	7.6	7.3	7.1	7.1	6.9	7.1	7.1	7.1	7.3	8.0	7.3	7.3	7.4	7.7	7.7	14.
Newport	do	26	0.9	0 9	0.9	0.9	2.0	3.4	3.4	3.4	3.0	3.0	3.2	3.6	4.0	4.1	4.0	3.9	3.7	3.6	3.3	3.3	3.3	3.2	3.2	3.5	3.9	3.5	3.5	3.5	3.8	8.
Georgetown	do	21	2.2	2.2	2.2	2.4	3.3	5.0	6.3	6.6	6.6	6.8	6.8	7.1	7.5	7.9	8.0	8.0	7.8	7.5	7.3	7.3	7.3	6.9	6.6	7.0	7.6	7 6	7.6	7.6	7.5	10.
Clarendon	do	26	8.9	8.9	8 9	8.9	9.8	10.6	11.6	12.7	13.4	13.9	14.2	14.5	15.2	15.8	16.1	16.3	16.3	16.4	16.4	16.2	15.9	15.6	15.3	15.6	15.9	16.1	16.1	16.0	16.0	16.
St. Charles	do	..	9.2	9.2	9.1	9.2	9.8	10.4	11.1	11.9	12.7	13.3	13.7	14.0	14.5	15.2	15.6	15.9	16.0	16.1	16.1	16.0	15.8	15.6	15.4	15.5	15.7	15.9	16.0	15.9	16.1	16.
Arkadelphia	Ouachita	17	5.3	4.9	5.3	7.0	9.2	8.0	7.2	6.3	5.1	10.4	9.2	8.8	10.6	9.6	9.2	6.4	7.6	9.0	8.5	6 6	6.4	5.5	5.3	11.0	9.0	8.6	7.6	8.1	8.6	10.
Boughton	Little Mo.	20	5.9	5.8	5.4	5.3	7.0	7.8	6.9	6.0	5.6	9.7	10.6	10.6	12.4	13.6	13.2	11.4	8.8	9.4	10.2	9.6	8.3	7.6	7.2	11.7	14.4	14 9	14.4	11.0	9.4	12.
Camden	Ouachita	26	9.4	8.7	7.2	6.7	7.3	10.4	13.1	13.0	11.9	11.7	11.5	16.4	18.4	19.6	21.5	21.9	21.0	19.9	19.4	19.1	17.2	15.2	13.2	11.5	15.0	18.1	18.7	18.2	17.4	18.
Benton	Saline	..	6.4	6.2	6.2	6.0	11.0	9.2	7.9	7.2	6.9	9.7	8.6	7.6	9.4	9.5	8.6	7.6	7.3	9.0	8.2	7.6	7 2	6.9	6.4	11.6	10.6	9.4	8.2	7.8	8.2	12.
Whitecliffs	Little River	25	1.9	1.9	1.9	1.9	1.9	1.5	1.5	1.5	1.5	2.0	2.0	1.9	5.6	5.6	4.0	3.5	3.8	3.8	3.5	3.0	4.0	4 0	4.0	5.8	5.8	6.4	8.2	7.5	6.4	5.
Index	Red	25	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.7	5.7	5.9	5.9	5.7	5.7	5.7	7.9	8.6	8.6	7.7	7.7	7.7	7.8	7.7	7.7	7.7	7.4	7.4	7.0	6.
Fulton	do	25	4.3	4.5	4.5	4.5	4.4	4.3	4.2	4.2	4.2	5.0	5.2	5.5	6.8	7.3	6.7	6.4	7.4	8.1	7.7	7.3	7.1	7.0	6.9	7.7	8.2	8.4	8.3	8.3	8.2	7.
Big Lake Outl't	St. Francis	10	3.6	3.6	3.6	3.6	4.0	4.1	4.2	4.4	4.5	4.7	4 7	4 7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4 7	4.7	4.6	4.7	4.7	4.7	4.6	4.6	4.6	5.
St. Francis	do	18	4.0	3.9	3.9	4.1	5.9	6.8	7.3	6.7	6.4	6 1	5.8	5.7	6.1	6.7	6.8	7.2	6.9	6.7	6.6	6.4	6.1	6.0	5.9	5.7	5.6	5.4	5.3	5.2	5 6	11.
St. Francis L.L.	do	..	19.6	19.6	19.6	19.6	19.7	19.8	19.8	19.9	19.9	20.0	20.1	20.1	20.2	20.2	20.2	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.
Marked Tree	do	17	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.3	0.3	0.7	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0 7	0.7	0.7	0.7	0 7	1.
Parkin	do	28	1.3	1.3	1.3	1.3	1.6	1.9	1.9	1.8	1.7	1.8	1.9	1 9	2.5	2.8	2.8	2.7	2.6	2.8	2.8	2.7	2.6	2.6	2.5	3.3	3.5	3.5	3.3	3.1	3.0	5.
Madison	do	32	1.4	1.4	1.4	1.4	2.0	2.1	2.1	2.0	2.0	2.1	2.1	2.0	2.8	2.9	2.9	2.9	2.9	3.2	3.1	3.1	3.2	3.2	3.2	3.9	4.2	4.1	3.9	3.7	4.2	5.
Helena	Mississippi	42	7.4	8.7	10.1	11.4	12.7	13 2	12.0	10.7	10.5	11 8	13.0	13.8	14.5	15.0	15.1	15.0	15.1	15.8	17.2	18.9	19.9	20.5	20.7	20.8	20.5	19.8	18.7	17.6	16.6	16
Arkansas City	do	42	2.3	2.9	3.8	4.9	6.0	7.1	7.8	7.5	6.9	6.6	7.1	7.9	8.9	9.7	10.3	10.5	10.7	10.8	11.1	12.1	13.2	14.1	14.7	15.0	15.1	14.9	14.5	13.8	13.1	12.

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of vation. [1]First-order Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation is measured in the morning; amount recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less th inch. †Post office addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Ro Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Dodridge; Turnpike, White Rock, Cass. ††Not used in meansand summaries. Reference letters [a],[b],[c], number of days missing. ‡‡Also on other dates.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of pre tion with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means the period to 1935, inclusive.

Weather Bureau Office, Little Rock, Ark. 3-16-3

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

oL. XLIV   Little Rock, Ark., February, 1939   No. 2

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The mean temperature for the month, based on the reports f 71 stations, was 43.6°, which equals the 49-year average. onthly means ranged from 36.2° at Gravette to 50.2° at ortland. The highest temperature during the month was 76° eported at four stations: Camden, Crossett, Magnolia and onticello. The lowest temperature was 4° recorded at Mam- oth Spring on the 4th. The greatest daily range was 50° at hite Rock on the 10th.

The average precipitation for the 108 stations reporting was .56 inches, which is 5.13 inches above the 49-year average. his was the wettest February on record. The average num- er of days with 0.01 inch or more was 12. The monthly mounts ranged from 4.21 inches at Rogers to 16.69 inches at ine Bluff. Five stations reported monthly amounts in excess f 12 inches. They were Camden, Highland, Pine Bluff, St. harles and Stuttgart. The greatest amount for any 24-hour eriod was 5.32 inches reported at Pine Bluff on the 15th. nowfall was reported on the 2d and 3d over the northern half nd southwestern portion, and at a few northern stations on e 14th, 21st and 25th. Heavy amounts were recorded at orthern stations on the 2d and 3d. The average snowfall for e month was 3.2 inches.

Very little farm work was accomplished during the month ue to the frequent rains. The weather was favorable for the rowth of wheat, oats, meadows, pastures and winter truck in e western and northern portions. The heavy rains in the outhern and eastern portions kept the soil saturated all month nd little or no farm work was done. The low temperatures arly in the month did but little damage to truck crops and ere favorable for fruit.

Floods were reported on many rivers in the State as a result f the heavy to excessive rainfall. Flood stages were reported n the Black, the Little Red, the lower White, the Ouachita nd the Petit Jean rivers. Flood losses were reported as fol- ows: On the Ouachita, $16,500; on the Petit Jean, $450.

O.D.N.

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	2	1	.	3	.	13	.	.	12	.	.	1	.	9	.	.	2	22	5	.	.	.	.	1	7	4	4	.	.	..	.
Light Hail	.	.	.	.	.	.	.	.	6	4	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	9	.	.	.	.
Moderate Hail		.	.	.	.		.	.	.	1	.	.	.	.	.	.	.	.	.		.	.		.	.	.	.	.	.	.	.
Thunderstorm	13	7	1	.	1	1	.	3	20	10	.	.	1	22	.		.	2	4	.		.	.	2	4	.	39	1	.	.	.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.12	30.68	22	29.35	9	8.6	22	s	7	..	..	..	50
Fort Smith	30.03	30.65	22	29.36	9	8.6	30	w	28	78	67	62	44
Little Rock	30.07	30.63	22	29.48	9	9.1	30	w	28	79	65	67	43
Memphis	30.08	30.59	22	29.53	27	9.2	33	sw	28	76	64	65	38

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.5	80	6	2.92	....	5	10	9	9
1892	49.0	78	18	3 47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	12
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0 7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2.7	5	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2.7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	5	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	5	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4 31	0.3	9	9	8	11
1912	37.9	78	− 7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	5	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1 93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.34	2.5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47 8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1.9	8	11	4	13
1924	42 9	82	− 7	2.26	0.4	7	12	4	13
1925	49 3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35 4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3 92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	11
1932	52.0	86	9	4.72	T.	9	13	5	11
1933	41.5	82	−13	3 53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44.2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	8.56	3.2	12	10	5	13
Period	43 6	93	−29	3.43	1.8	7	11	6	11

TORNADOES

County	Location	Date	Time	Dir. moved	Length of path miles	Width of path yards	Killed	Injured	Damage	Remarks
Sevier	Ben Lomond(near)	9	8:00 p.m.	NE	....	....	0	......	$ 500	Trees uprooted.
Howard	Shiloh (near)	9	....	NE	....	narrow	0	......	2,000	Church demolished.
Howard	Mineral Spring (2 miles N of)	9	....	NE	....	....	0	......	3,000	One farm home demolished, several out buildings damaged.
Howard	Midway	9	....	NE	....	....	0	......	4,000	Several buildings badly damaged.
Howard	Nashville	9	....	NE	....	200	0	3	6,000	Six or more buildings damaged.
Pike	Murfreesboro	9	8:30 p.m.	NE	25	90	0	0	10,000	Two homes demolished, several buildings damaged.
Faulkner	Greenbrier(near)	9	8:00 p m.	......	short	narrow	0	0	3,000	One home destroyed and two damaged.

Climatological Data for February, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork Reserv.	Saline	755	3	43.0	......	70	8†	16	11	41	7.15	......	2.30	1.0	14	8	5	15	e.	L. R. Water Works
Amity	Clark	500	44	42.4	− 2.4	74^{a}	8	17	22	47^{a}	8.59	+5.19	1.85	0.5	13	10	6	12	e.	J. W. Campbell
Arkadelphia	Clark	200	44	45.6	......	72	8†	17	22	44	10.03	+6 42	2.05	T.	14	11	6	11	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	55	....	......	......	......	......	......	......	8.21	+3.89	1.60	T.	14	12	4	12	......	Herbert Neff
Batesville Airway	Independence	363	3	42.1	+ 1.3	67	10	16	4	37	8.31	......	1.69	....	16	10	4	14	n.	Airway Observer
Batesville	Independence	277	40	....	......	......	......	......	......	......	8.75	+5.31	1.78	8.5	14	12	0	16	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	41.2	− 1.6	69	8	13	4	40	6.40	+3 36	1.50	5.0	11	9	8	11	w.	J. E. Scanlan
Benton	Saline	285	4	41.6	......	73	9	15	22†	46	10.22	......	1.90	T.	11	12	3	13	nw.	S. A. Burks
Bentonville	Benton	1295	34	37.0	− 2.6	67	13	6	21	33	4.47	+2.33	1.57	0.4	11	9	6	13	n.	U. S. Weather Bureau
Big Lake Outlet †	Mississippi	239	9	....	...	......	......	......	......	......	9.63	......	1.85	2 5	13	11	1	16	......	C. J. Brooks
Black Rock	Lawrence	259	38	.	......	......	......	......	......	......	7.45	+4.20	1.20	7.5	11	12	1	15	n.	Vernon C. Howe
Blytheville	Mississippi	252	14	42 0	− 3.2	70	9	15	4	38	7.46	+4.68	1.64	8.2	11	14	2	12	n.	Samuel Norris
Booneville	Logan	465	25	43.6	− 2.6	74	9	14	21†	48	6.56	+3.96	2 02	5.0	10	11	4	13	w.	F. H. Randolph
Boughton †	Clark	235	4	...	...	......		......		......	9 59	......	2.07	T.	12	9	5	14	......	Harry J. Buie
Brinkley	Monroe	205	12	45.6	+ 1.4	72	9†	19	22	34	10.97	+6.77	2.70	T.	13	11	3	14	sw.	R. J. Torry
Calico Rock	Izard	361	35	....	......	......	......	......	......	......	5.21	+2.45	1.19	9.8	13	10	3	15	.....	William Jones
Camden	Ouachita	116	54	49.8	+ 2.6	76	10	25	22	35	12.68	+8.83	2.90	0.0	11	12	3	13	s.	J. M. Knight
Carthage	Dallas	297	34	....	......	......	......	......	......	......	......	......	...	...	..	..	..	..	.....	
Clarendon	Monroe	172	35	....	......	......	......	......	......	......	11.20	+7.28	2.36	T.	13	10	4	14	ne.	R. M. Wheatley
Clinton	Van Buren	516	18	.	......	....	......	......	......	......	7.46	+4.49	1.80	2.7	10	10	4	14	w.	A. L. Stephens
Conway	Faulkner	309	56	44.9	+ 0.5	73	9	19	22	40	11.26	+7.80	2.79	5 0	12	11	5	12	e.	E. E. Cordrey
Corning	Clay	293	46	40 4	+ 0.4	70	9	9	[illegible]	38	8.99	+5.64	1.83	9.5	12	15	0	13	w.	Winfred D. Polk
Cotter	Baxter	440	12	....	......	......	...	......	......	......	5.70	+3.05	1.45	10.0	11	10	3	15	......	O. B. McSpadden
Crosset (near)	Ashley	175	27	49.4	0.0	76	9	16	22	45	5.44	+1.70	2.00	0 0	10	10	4	14	s.	U. S. Forest Service
Danville	Yell	327	23	...	......	....	......	......	......	......	7.89	+5.11	2.07	7.5	13	8	5	15	......	J. M. Patterson
Dardanelle	Yell	330	53	46.4^{a}	+ 1.6	72^{b}	9	20^{a}	21	38^{b}	7.54	+4.66	2.12	0.3	12	8	6	14	e.	Geo. N. Goodier
De Queen	Sevier	426	4	46.2	......	73	9	16	22	43	7.57	......	1.64	0.0	13	15	1	12	ne.	E. B. Smith
Devils Knob †	Johnson	2350	3	36.9	......	63	8	6	21	30	7.33	......	2.05	16.0	17	13	1	14	se.	U. S. Forest Service
Dumas	Desha	162	34	49.4	+ 0.4	74	9	21	22	36	8.58	+3.97	2.39	T.	13	4	14	10	s.	Ben Johnson
El Dorado	Union	270	39	50.0	+ 1.0	74	9	22	22	35	11.64	+8.04	3.44	T.	12	10	4	14	n.	Mrs. E. W. Gaston
England	Lonoke	229	33	46.3	− 0.5	71	9	23	11	34	10.65	+6.85	2.20	0.0	10	11	8	9	n.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	38 8	− 2.4	67	13	5	21	49	5.16	+2.70	1.65	3.0	14	11	3	14	n.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	40.4	......	66	9†	8	21	40	4.79	......	1.45	3.1	16	9	5	14	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	40.4	0.0	67	9	7	21	34	4.75	+2.55	1.38	1.3	16	10	5	13	s.	University of Arkansas
Fordyce	Dallas	275	11	48 1	......	72	9†	21	22	39	11.96	......	2.60	T.	14	9	12	7	s.	Miss Mercille McMurry
Fort Smith	Sebastain	448	58	41 4	− 1.4	74	9	13	21	34	5.88	+3.32	1.57	6 2	12	10	4	14	e.	U. S. Weather Bureau
Ft. Smith Wtr. P.	Crawford	....	2	..	......	......	...	......	......	......	5 42	......	1.24	3.5	12	13	1	14	......	T. J. Wylie
Fulton	Hempstead	260	54	....	......	......	......	......	......	......	10.02	+6.59	2.45	T.	14	9	4	15	......	T. J. Logan
Georgetown	Woodruff	200	27	. .	......	......	......	......	......	......	9.84	+6.16	2 00	T.	10	14	1	13	......	C. G. Long
Gilbert	Searcy	600	14	37.6	......	70	10	10	11†	49	5.60	+3.37	1.31	3.0	13	11	0	17	......	F. J. King
Glenwood	Pike	547	4	....	......	......	......	......	......	......	9.02	......	1.85	1.3	13	3	5	20	......	C. A. Price
Grannis	Polk	900	20	43.9	− 1.7	70	8†	14	22	43	8.75	+4.49	1.85	0.6	13	13	4	11	s.	W. E. McVay
Gravette	Benton	1250	42	36.2	− 2 9	68	13	5	21†	42	4.22	+2.33	1.50	T.	5	13	5	10	nw.	Max W. Schmidt
Green Mountain †	Stone	1100	3	39.8	......	67	10	11	22	48	6.23	......	1.26	13.2	14	8	9	11	nw.	U. S. Forest Service
Hankins †	Drew	....	2	....	......	......	......	......	......	......	10.07	......	3.55	....	13	..	..	..	......	Soil Conservation Ser.
Harrison	Boone	1052	39	39.0	0.0	66	9	8	4	48	4.98	+2.48	1.47	10.5	13	14	1	13	sw.	Louis R. Keck
Helena	Phillips	300	67	47.0	+ 1.9	72	9	18	22	35	10.86	+6.97	2.94	T.	13	7	4	17	nw.	James A. Burnett
Higden	Cleburne	445	20	..	......	......	......	......	......	......	7.18	+4.50	1.44	2.0	12	8	8	12	s	Austin E. Cartwright
Highland	Pike	491	20	46 0	......	71	10	20	21	38	16.51	†13.14	3 65	0.0	14	6	4	18	e.	J. O. Cooley
Hope [Evap.]	Hempstead	375	69	43.9	− 4 5	74	9	20	22	39	11.49	+7.67	2.50	0.0	12	10	6	12	ne.	Experiment Farm
Hot Springs	Garland	600	48	45.6	− 1.4	70	9†	19	22	37	8.94	+5.43	3.23	T.	11	7	11	10	s.	National Park Service
Index †	Little River	275	22	....	......	... .	......	......	......	......	9.61	+6.80	2.61	0.0	12	15	0	13	... ..	W. E. McDowell
Jessieville	Garland	750	13	...	......	......	......	......	......	......	7.65	+4 69	....	... .	..	12	3	13	nw.	U. S. Forest Service
Jonesboro	Craighead	345	44	41.8	− 0.6	70	9†	16	4	37	11.42	+7.78	2.85	7.0	15	5	8	15	sw.	Benedictine Sisters
Judsonia	White	220	3	....	......	......	......	......	......	...	11.95	......	2.76	2.2	12	9	2	17	......	T. H. Beals
Lead Hill	Boone	650	33	37.4	− 1.0	70	9	9	11†	42	4.41	+2.17	1.45	8.0	12	11	5	12	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	60	44.0	− 0.9	72	9	22	22	27	8.59	+4.75	2.57	1.0	12	9	5	14	se.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	3	45.2	......	72	9†	21	22	34	10.39	......	2.73	....	13	8	5	15	se	U. S. Airport W. B.
Lutherville †	Johnson	775	40	42.3	− 0.1	69	9†	14	21	43	9 12	+6.04	2.43	2.0	14	8	5	15	ne.	H. G. Lenhardt
Madison	St. Francis	209	9	....	......	......	......	......	......	......	9.98	......	2.40	T.	10	9	1	18	......	J. W. Eppes
Magnolia	Columbia	315	23	49.2^{d}	− 2.2	76^{d}	19	21^{d}	22	34^{d}	11.50	+7.71	3.00	0.0	9	6^{d}	9^{d}	9^{d}	nw.	State Agri. School
Mammoth Spring	Fulton	600	35	39.0	− 1.3	69	9	4	4	46	4.90	+1.96	0.90	12.5	10	12	4	12	sw.	Paul Morton
Marianna	Lee	285	28	46.4	+ 0 6	72	9†	23	22	34	9.43	+5.49	2.60	0.0	12	7	11	10	n.	C. N. Houck
Marked Tree	Poinsett	229	35	41.4	− 2.2	71	9	17	22	37	11.06	+7.24	2.43	2.3	11	8	10	10	s.	Charles Walton
Mena	Polk	1207	51	43.7	− 0.5	71	8	14	21	42	7.58	+4.26	2.05	3.0	13	12	3	13	sw.	F. W. St. John
Monticello Airway	Drew	273	3	48.2	......	76	14	22	22	32	9.12	......	1.91	....	13	9	3	16	sw.	Airway Observer
Monticello (near)	Drew	273	4	....	......	......	......	......	......	......	9.13	......	2.87	....	12	..	..	..	......	Soil Conservation Ser.
Montongo	Drew	....	4	....	......	......	......	......	......	......	9.37	......	3.15	....	12	..	..	..	......	Soil Conservation Ser.
Morrilton	Conway	315	20	....	......	72	9	18	4†	45	8.18	+5.44	2.00	2.8	11	7	8	13	n.	Mrs. Freda M. Ashcraft
Mountainburg (nea	Crawford	2010	2	...	......	......	......	......	......	......	5.85	......	1.88	6.5	14	13	1	14	se.	C. A. Lovell
Mountain Home	Baxter	800	27	40.4	− 1.9	70	9	13	11†	48	5.49	+2.65	1.20	15.0	12	10	2	16	w.	H. N. Halbert
Mountain Valley	Garland	273	2	....	......	......	......	......	......	......	9.74	......	3.10	1.5	11	15	1	12	s.	J. G. Scott
Mount Ida	Montgomery	702	40	43.6	− 2.0	72	9	5	21	49	8.15	+4.61	1.74	2.5	11	11	4	13	ne.	G. A. Whittington
Newport	Jackson	231	56	43.4	+ 1.4	70	9†	20	4†	36	10.67	+7.43	3.11	4.5	12	9	5	14	n.	J. D. Henderson
Norman	Montgomery	687	11	...	......	......	......	......	......	......	6.28	......	2.20	2.0	..	11	3	14	s.	U. S. Forest Service
Oden	Montgomery	800	12	43.0	......	73	8	12	21	42	7.68	......	1.77	2.2	13	9	7	12	nw.	U. S. Forest Service
Okay	Howard	288	11	48.4	......	74	9†	20	22	39	9.51	......	2.20	T.	14	13	5	10	s.	Charles R. Jackson
Ozark	Franklin	396	44	42.0	− 1.4	72	9	10	21	49	5.75	+3.38	1.50	1.5	13	10	1	17	e.	Orkney O. Milton
Paragould	Greene	275	16	40.9	......	67	9†	13	4	33	9.91	+6.18	2.26	9.6	16	11	5	12	sw.	J. E. Garrett
Parkin	Cross	222	9	....	......	......	......	......	......	......	9.75	......	2.50	T.	10	12	2	14	......	Carroll King
Pine Bluff	Jefferson	215	52	46.4	− 0.1	73	9†	21	22	35	16 69	†12.78	5.32	T	13	9	8	11	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	....	......	......	......	......	......	......	7.64	+4.10	1.92	0.2	9	3	10	15	w.	J. R. Huddleston
Plantersville †	Drew	....	2	....	......	......	......	......	......	......	9.25	......	3.09	...	12	..	..	..	......	Soil Conservation Ser.
Pocahontas	Randolph	300	46	41.0	− 0.6	65^{b}	19	12	4	37^{b}	7.24	+3.90	1.03	9.0	13	10	4	14	n.	Benedictine Sisters
Portland	Ashley	122	33	50.2	+ 0.5	75	19	24	22	38	7.59	+3.42	2.00	0.0	13	10	2	16	sw.	W. E. Edmiston
Prescott	Nevada	318	51	48.2	+ 0.8	73	8†	21	22	36	10.99	+7.29	2.22	T.	14	10	8	10	w.	J. Craig Williams
Rock Springs †	Drew	....	4	...	......	......	......	......	......	......	9.76	......	3.15	....	12	..	..	..	......	Soil Conservation Ser.
Rogers (near) †	Benton	1300	49	39.4	− 0 1	67	13	6	21	46	4.21	+2.34	0.99	2.2	14	11	5	12	n.	Carl A. Starck
Rosebud †	Faulkner	600	5	....	......	......	......	......	......	......	8.21	......	....	3.0	..	10	6	12	s.	G. A. Maddox
Ross †	Drew	....	2	....	......	......	......	......	......	......	9.49	......	3.17	...	12	..	..	..	......	Soil Conservation Ser.
Russellville [Evap]	Pope	526	27	44.4	+ 4.5	72	9†	19	11	46	6.67	+3.39	1.80	11.0	14	14	0	14	n.	U. S. Forest Service
St. Charles	Arkansas	175	6	45.2	......	73	9	22	22	30	12.25	......	3.20	T.	12	10	5	13	n.	U. S. Biological Survey
St. Francis	Clay	290	12	...	......	......	......	......	......	......	11.75	+8.32	3.43	12.3	15	12	1	15	......	A. Boyce Boyd, Jr.
Searcy	White	245	29	43.2	− 1.9	71	8	18	22	38	9.50	+6.17	2.64	2.5	13	12	0	16	ne.	Walter A. Smith
Springbank †	Miller	240	30	....	......	......	......	......	......	......	8.53	+5.13	1.85	T.	12	10	1	17	......	Henry Field
Story	Montgomery	650	15	...	......	......	......	......	......	...	5.12	+1.66	1.38	3.0	8	15	1	12	n.	S. C. Story
Stuttgart	Arkansas	214	52	45.8	+ 0.6	74	9	17	22	37	13.96	+9.98	2.65	0.0	14	11	5	12	s.	Mrs. B. E. Swim
Stuttgart (Evap)	Arkansas	210	4	45.4^{a}	......	73^{a}	9	23^{a}	22	38^{b}	13.14	......	2.66	0.0	15	..	..	..	......	Rice Experiment Sta.
Subiaco	Logan	750	42	43.4	− 0.4	74	9	15	21	48	6.83	+3.98	1.73	8.5	12	12	5	11	ne.	New Subiaco Abbey
Texarkana	Miller	332	54	49.3	+ 0.9	75	9	21	22	36	8.49	+5.11	2.50	T.	10	11	5	12	.	H. S. Brashear

Climatological Data for February, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Thornburg	Perry	650	19	42.9	− 1.5	72	8	9	4	44	8.47	+5.05	1.64	7.1	11	9	6	13	s.	Edward E. Holmes
Turnpike †	Pope	2240	15	38.8	......	62	9†	8	21	39	6.08	+3.06	1.81	8.7	14	10	5	13	sw.	U. S. Forest Service
Underwood †	Drew	....	2	....	...	......	....	....	......	......	....	......	......	.....	..	....	....	......	......	Soil Conservation Ser.
Waldron	Scott	675	20	43.2^{e}	......	75^{e}	9	12^{e}	4	48^{f}	7.04	+3.49	1.70	6.0	10	8^{e}	3^{e}	12^{e}	ne.	Wilson Ferguson
Warren	Bradley	206	45	50.0	+ 2.8	74	9†	21	21	35	9.93	+5.70	2.38	0	11	5	4	19	sw.	C. N. Turner
Whitecliffs	Little River	290	33	....	......	......	....	....	......	......	9.88	+6.73	2.35	0	10	10	4	14	......	L. M. Snead
White Rock †	Franklin	2285	8	38.2	......	64	9	6	21†	50	7.09	......	1.90	2.3	14	14	1	13	se.	U. S. Forest Service
Wilson	Mississippi	237	14	44.0	− 1.2	72	9†	18	22	37	6.07	+2.92	2.26	0	8	10	4	14	n.	D. O. Anderson
Witt Springs	Searcy	1953	2	....	......	......	....	....	......	......	5.83	......	1.30	1.5	11	11	2	15	sw.	E M. Duncan
Wynne	Cross	167	15	45.4	+ 1.1	72	10	17	22	38	10.57	+6.39	2.57	2.0	11	8	7	13	s.	B. M. Eddins
State Means				43.7	+ 0.1	76	10†	4	4	50	8.56	+5.13	5.32	3.2	12	10	5	13	s.	

Daily Precipitation for February, 1939

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita	.07	2.30	.04			.05			.85	.26							T.	08	1.32		T.	.10	.01	.15	1.40	T.	.50	.02				7.15
Amity[2]	Ouachita		1.85	.94	.05		.13			.20	.23					1.43			.04	.40	1.22					1.50	.13		.47				8.59
Arkadelphia[2]	Ouachita		1.47	1.18	.05		.21			.42	.15				.16	2.05			.14	.13	1.22					1.70	.04	T.	1.11				10.03
Arkansas City[2]	Mississippi		.43	1.60	.04		.80	.04		.05	T.	.30			.60	1.20			T	.05	.63					.45	1.32		70				8.21
Batesville Airway	White	.01	1.69	.59			.06			.80	.51				1.15	.02		.06	.14	1.08					.08	1.10	.02	.93	.07				8.31
Batesville River[2]	White		1.39	1.78	.02		.01			.25	.65					1.17			.10	.10	1.05					1.10	.12		1.01				8.75
Bee Branch	Arkansas	T.	.70	.40			.20			.80	.40				.80	.10		.10	T.	1.30					T.	1.50		.60					6.40
Benton[2]	Saline		1.90	1.44	.08		.09			.88	.60					1.16					.79					1.46	.04		1.78				10.22
Bentonville[1]‡	Arkansas	.02	T.			.03	.01			1.57					.02			T.	.35	1.33	T.				.33	.15		.63	.03				4.47
Big Lake Outlet[2]	St. Francis		1.50	1.85	.05		.12			.40	.42					1.52			T.	.36	1.03	.05				.59	.15		1.59				9.63
Black Rock[2]	White		1.20	1.13			.17			.20	1.10					1.10		T.	.16	.15	.82					.45			.97				7.45
Blytheville[2]	St Francis	1.64	1.39	*						.63	.55					1.54			T	.56	.70	.02				.33	.10		T.				7.46
Booneville	Arkansas	.06		.68			.04			T.	52				.92			.22	.02	1.90						2.02		.18					6.56
Boughton[2]	Ouachita		.94	54			.32			.52	.10				.84	2.07			.15	T.	1.15					1.78	.03		1.15				9.59
Brinkley	White	.07	2.70	2.34			.28			.65					1.60	.21			.14	1.15						.88	.01	.88	.06				10.97
Calico Rock[2]	White		.04	.65	.06					.13	.40					.70		.08	.17	.17	.90					1.19	.04		.68				5.21
Camden[2]	Ouachita		1.95	2.90						1.40	.05				.42	1.60			.12		.95					1.65	.09		1.55				12.68
Carthage	Arkansas																																
Clarendon[2]	White		2.24	2.36	.04		.14			1.93	.16				.03	1.57			T.	.55	.62	T.				.90	.03		.63				11.20
Clinton	White	.36	1.07	.02						.90					.99			.16	.09	1.28					1.80			.79					7.46
Conway	Arkansas	.26	2.79	.41						1.01	.42				1.43	.06			.18	1.45					.17	2.13		.95					11.26
Corning[2]	White		1.83	1.38			.21			1.00	.63					.93			.16	.27	1.04					.73	.06		.75				8.99
Cotter[2]	White			1.45	.10		T.			T.	.85					.25		.10	.10	.15	1.05					.95	.15		.55				5.70
Crossett [near]	Ouachita		.63				.84				.15				.23	.68			.09	.68						2.00		.06	.08				5.44
Danville[2]	Arkansas		.31	1.16	.16		.06			.09	.45					1.21			.21	.12	1.49					2.07	.04		.52				7.89
Dardanelle[2]	Arkansas		.41	.88	.13		.06			.09	.25					1.07			.19	.28	1.63					2.12			.43				7.54
De Queen	Red	.05	1.45	.17		T.	.25			.01					1.64			.08	.10	1.63					.60	1.23	.01	.35					7.57
Devils Knob	Arkansas	.20	.30	.36			.15			.13	.62				.60	.10		.15	.21	2.05		.01			.20	1.35	.03	.72	.15				7.33
Dumas	Mississippi	.01	1.68	1.27			.37		T	.08	21				2.39	.04	T.	T.	T.	.70		T.			T.	1.46	.02	.30	.05				8.58
El Dorado[2]	Ouachita		3.44	2.78			.49			.06	.13				.20	.96			.05		.93					1.82	.26		.52				11.64
England	Arkansas	.70	2.20	1.50			.17			.30	T.				1.65				.12	1.05						1.25	.06	1.55	.10				10.65
Eureka Springs	White	.08	.03	.03			.25			.50					.20			.12	.83	1.65		.02			.10	.75		.50	.10				5.16
Fayetteville	White	.10	.07	.13			.04			.27	.78				.13			.25	.52	1.45		.01			.08	.52	.02	.38	.04				4.79
Fayetteville Exp. S	White	.09	.07	.02			.05			.54	.61				.17			.10	.56	1 38		.01			.09	.53	.04	.45	.04				4.75
Fordyce	Ouachita	.09	2.60	1.96			.07			.84	.09				2.50			.01	.06	1.08					.06	1.43		1.11	.06				11.96
Fort Smith[1]‡	Arkansas	.34	.76	.14		.04				.66					.19		T.	.14	.50	1.57					1.06	.21		.27					5.88
Fort Smith W.[2]	Arkansas		.53	.36			.09				.64					09		.06	.17	1.03	.92					1.24	.02		.27				5.42
Fulton[2]	Red		1.12	.78	.03		.22			.15	.25				.77	2.10			.08	.08	1.35					2.45	.17		.47				10 02
Georgetown[2]	White		2.00	2.00						.45	.22					1.45				.27	1.10					1.05	.10		1.20				9.84
Gilbert[2]	White		.10	.55			.06			.04	.70					.94		.15	13	.15	.96					1.31	.03		.48				5.60
Glenwood[2]	Ouachita		1.57	1.18	.13		19			.34	.31				1 20				.11	.41	1.03					1.85	.08		.62				9.02
Grannis	Red	.23	1.15	.35		T.	.45			.08	.13				1.18	T.		.06	.09	1.80					.86	1.85	T.	.52					8.75
Gravette[2]	Arkansas										1.50								.12		1.25	T.				.60			.75				4.22
Green Mountain	White	.08	.36	1.00			.06			.15	.45				.86			.20	.12	.95		T.			.06	1.26	T.	.50	.18				6.23
Hankins‡	Ouachita	.54	3.55	.67		.16	.14		.07	.20	.05				1.90					.93					.18	1.47		.21					10.07
Harrison	White	.34	.22	.14						.08	.50				.20				.41	1.47					.15	.89	.03	.40	.15				4.98
Helena[2]	Mississippi		1.86	1.63	.04		.47			.73	.30				.02	2.94				.02	.80					.99	.34		.72				10.86
Higden	White	.09	1.09	.40						.56	.67				.84			T	.06	1.29		T.			.03	1.44		.71	.01				7.18
Highland	Ouachita	.65	2.54	.56		.32			.40	.40					3.65			.21	1.31	2.42					1.50	1.78	.05	.72					16.51
Hope [Evap][2]	Red		1.32	.81			.29			.40	.12				.96	2.44			.06		1.48					2.50	.10		1.01				11.49
Hot Springs	Ouachita	.05	3.23	.30			.12			.72	.36				1.33				.28	1.12	T.					.83		.60					8.94
Index[2]	Red		1.30	1.00	T.		.15			T.	T.				.35	1.45	1.45		.20	.15	1.30		T.			2.61	T.	.30	.30				9.11
Jessieville	Ouachita	*	*	3.05		*	.60			.65					1.35											2.00		*					7.65
Jonesboro[2]	White		2.85	2.55	.08		.10			.19	.68					1.43	.02		.03	.08	1.27				T.	.71	.14	.01	1.28				11.42
Judsonia[2]	White		2.76	1.45	.44		.68			.89	.21					1.33				.40	1.22					1.50	.05	1.02					11.95
Lead Hill	White	.15	.28	.22						.41	.02						.16		.35	1.45		T.			.08	.80	T.	.37	.12				4.41
Little Rock[1]‡	Arkansas	.79	2.15	.17		T.	.08		T.	1.17	T.				1.01	.01			.06	.91		T.			.52	73	T.	.99					8.59
LittleRock Air'y[1]	Arkansas	.10	2.73	.98			.13			1.19	.58				1.17	.01			.09	1.00		T			.06	1.33	T.	1.02	T				10.39
Lutherville	Arkansas	.28	.25	.28			.15			.10	.47				1.40			.16	.20	2.43					.50	2.18		.54	.18				9.12
Madison[2]	St. Francis		2.40	1.90			.10			1.47	.15					1.70				.30	.72					.67			.57				9.98
Magnolia	Red		3.00	1.40							1 20				1.30				.50	.70					.20	2.10		1.10					11.50
Mammoth Spg[2]	White		.10	.90	.15					.44	.47					.44				.12	.86					.70			.72				4.90
Marianna	St. Francis		1.89	.92			.10			2.60	.13				1.63	.25			.05	.92						.62		.20	.12				9.43
Marked Tree[2]	St. Francis		2.43	2.20	T.		.20			.44	.24					1.63				.41	1.13					.63	.22		1.53				11.06
Mena[2]	Ouachita	T.	.36	1.10	.02		.22			T.	.22				T.	.82		.08	.02	1.30	.71					2.05	.01		.67				7.58
Monticello Airway	Ouachita	03	1.91	1.55			.62			.03	.26				1.86				.03	.94					.01	1.70		.10	.08				9.12
Monticello(near‡	Ouachita	.46	2.87	.47		.03	.43			.04	.10				1.82					1.12					.08	1 56		.15					9.13
Montongo	Ouachita	.39	3.13	.52		.12	.18			.20	.06				1.91					.91					.21	1.52		.22					9.37
Morrilton[2]	Arkansas		.66	1.61	T.		.10			.10	.35					1.10		T.	.20	.10	1.35					2.00			.61				8.18
Mountainburg	Arkansas	.50	.25	.27			T.			.30	.57				.11			.15	.54	1.88					.39	.52	.03	.27	.07				5.85
Mountain Home	White	.10	.40	.35						.15	.40				.45			.15	.25	1.20					.30	1.05	T.	.60	T.				5.40
Mountain Valley	Ouachita	.23	3.10	.85						1.05	.23				1.08				.15	1.23					.07	1.40	T	.35	T.				9.74
Mount Ida	Ouachita	.10	1.74	.40						.15	.50				1.65				.15	1.74					.20	1.54		.58					8.15
Newport[2]	White		3.11	1.30	.11					.35	.64					1.36			.03	.10	1.50					1.02	.14		1.01				10.67
Norman[2]	Ouachita	*	*	2.00						.73					*					1.35					*			2.20					6.28
Oden[2]	Ouachita	.12	1.22	.29			.10			.18	.23				1.12				.09	1.77					.14	1.77	.02	.63					7.68
Okay	Red	.05	1.47	.19			.13			.28	.24				2.20			.19	.36	1.40					.35	2.20	.05	.40					9.51
Ozark[2]	Arkansas		.11	.33	.52		.09				.19					.50		.16	.06	.97	.76					1.50	.12		.44				5.75
Paragould	St. Francis	.06	2.26	1.96			.13			.26	.53				.74	.65		.06	.22	1.09					.01	.74	.02	.21	.94				9.91
Parkin[2]	St. Francis		2.50	2.10			.15	T.		.36	.20					1.54				.30	.90					.70			1.00				9.75
Pine Bluff[2]	Arkansas		1.80	2.31	.02		.05			2.30	27				.10	5.32			.05	T.	1.05					1.88	.08		1.46				16.69
Pine Ridge[2]	Ouachita		.12	.91	.60		.42				.32				1.12					1.92						1.82		.41					7.64

Daily precipitation for February, 1939

Day of Month

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota
Plantersville ‡	Ouachita..	.55	3.09	.64	....	.10	.14	.. .	....	.20	.05	.. .	....	....	1.83	....	....	....		.88	...	....	....	....	.11	1.40	....	.26	....	.. .	....	....	9.2
Pocahontas	White	....	1.03	.92	....	....	.12	....	....	.59	.79	...	....	....	.49	.45	....	.09	.18	.83	....	....	....	....	....	.87	....	.57	.31	. .	....	....	7.2
Portland ²	Ouachita..	....	1.40	1.56	....	....	.72	....	....	.03	.11	....	....	. ..	.32	.68	....	....	.02	.14	.45	....	....	....	....	*	2.00	....	.16	....	....	....	7.5
Prescott ²	Ouachita..	..	.93	.76	.03	..	.28	....	....	.51	.18	....	....	.. .	1.37	2.22	....	....	.07	.05	1.23	..	. .	....	...	2.20	.06		1.10	....	....	....	10.9
Rock Springs	Ouachita..	.52	3.15	.65	....	.08	.17	....	....	.33	.09	....	....	...	1.93	....	....	....	....	.95	....	....	....	.. .	.18	1.49	. ..	.22	..	....	....	....	9.7
Rogers (near)	White.....	....	.02	.01	....	....	.07	....	.. .	.81	.17	....	....	....	.13	....	..	....	.78	.99	....	*	.. .	....	.05	.52	.02	.47	.17	....	....	....	4.2
Rosebud	Arkansas..	....	*	2.31	....	....	.16	....	.. .	.35	....	....	....	....	1.30	....	....	*	*	1.37	....	....	....	..	*	1.74	....	.98	....	....	.. .	....	8.2
Ross ‡	Ouachita..	.43	3.17	.59	....	.13	.16	....	.. .	.18	.02	....	....	....	1.92	....	....	....	....	.94	....	....	....	.. .	.23	1.49	....	.23	....	.. .	....	.. .	9.4
Russellville	Arkansas..	.10	.75	.38	....	....	.04	....	....	.09	.26	....	....	...	1.10	.01	....	.15	.04	1.46	....	....		....	.06	1.80	.	.43	....	....	....	...	6.6
St. Charles ²	White .. .	....	2 12	1.67	.03	...	.46	..	....	1.05	.11	...	....	....	.85	3.20	.. .	....	....	T.	.87	....	....	....	....	1.25	.10	.. .	.54	....	.. .	. .	12.2
St. Francis ²	St. Francis	....	2.16	3.43	.24	....	.27	...	....	.42	.66	....	....	....	....	1.19	T.	.04	.12	.29	.93	.23	....	....	...	.52	.29	....	.96	....	....	....	11.7
Searcy	White.....	.. .	2.64	1.69	.09	.11	...	....	....	.62	.37	....	...	....	....	.08	....	.. .	.08	.21	1.32	....	....	....	....	1.40	.04	. ..	.85	....	....	.. .	9.5
Springbank ²	Red	.. .	.75	.58	T.	....	.28	....	....	.21	.20	. ..	....	....	T.	1.23	....	....	.40	.03	1.62	....	....	.	....	1.85	.55		.83	....	....	...	8.5
Story ²	Ouachita .	....	.63	.61	.21	....	....	....	.	.38	....	....	....	....	.98	....	....	....	.15	1.38	.	....	....	. .	....	....	.. .	.78	....	....	....	....	5.1
Stuttgart ²	Arkansas .	.. .	2.30	2.65	.10	....	.28	....	.22	2.21	.36	...	....	....	.15	2.55	...	....	...	.20	77	....	....	....	....	1.32	.67	....	.78	....	....	....	13.9
Stuttgart [Evap]. ²	Arkansas..	.01	2.52	2.66	.03	.. .	.08	....	....	2.27	.11	....	....	....	.61	2.39	.	....	.01	.19	.68	....	....	....	....	1.26	.02		.30	....	....	....	13.1
Subiaco	Arkansas..	.23	.25	.55	....	....	.12	....	.. .	.05	.40	....	....	....	1.14	....	....	.23	T.	1.73	....	....	....	....	.27	1.71	T.	.15	..	....	....	....	6.8
Texarkana ²	Red	1.08	.90	....	.30	....	....	....	....	.40	....	....	....	....	.90	....	....	....	.30	..	1 63	....	....	....	....	2.50	.20	....	.28	....	...	....	8.4
Thornburg	Arkansas..	.02	1 64	1.44	....	....	T.	....	....	.03	.30	.. .	....	....	1.39	T	....	T	12	1.25	....	T.	.. .	.. .	.18	1.62	....	.48	T.	....	....	....	8.4
Turnpike	Arkansas..	.23	.19	.21	.. .	....	.25	....	....	.16	.11	.. .	....	....	.74	....	....	.12	.07	1.81	....	....	. .	....	.08	1.64	...	.41	.06	....	....	. .	6.0
Underwood ‡	Ouachita..														1.98	....	....	..	....	.95	....	...	....		.17	1.51	.. .	.21	....	....	....	....	...
Waldron	Arkansas..	....	.05	.85	.. .	. .	....	....	....	.65	....	....	....	....	1.15	....	....	.15	.30	1.55	....	....	....	....	1.70	.32	....	.32	....	....	....	...	7.0
Warren	Ouachita..	....	2.38	1.94	. ..	....	.81	. .	....	.08	.18	....	....	1.80	....	..	..	.13	....	1.07	....	....	....	....	1.87	....		.04	.13	....	....	....	9.9
Whitecliffs ²	Red	....	1.30	1.00	....	....	.28	..	....	T.	.35	....	...	.. .	.89	1.65	....	....	.31	1.00	....	....	....	....	....	2.35	.20	. .	.55	....	....		9.8
White Rock	Arkansas. .	.85	.17	.14	....	....	.17	....	....	.17	.26	.	....	..	.26	....	....	.16	54	1.90	...	T.	....	.	.39	1.13	T.	.85	.10	....	...	....	7.0
Wilson ²	Mississippi	....	2.26	1.05	....	....	.10	....	....	.45	.45	....	...	..	....	....	....	....	....	....	.35	....	...	. .	....	....	.60	....	.81	....	.	. ..	6.0
Witt Springs	Arkansas..	.25	. ..	....	....	....	.40	....	....	.29	.30	....	....	. . ..	1.00	....	....	.14	.13	1.29	....	....	....	. .	1.30	.15	T	.58	....	....	. .	....	5.8
Wynne ²	St. Francis	2.15	2.57	.20	....	..	....	....	.47	.30	....		....	....	1.73	. .	....	T	.58	.85	....	....	....	....	.70	.12	....	.90	.. .	....	....	....	10.5

Daily temperatures for February, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	57	56	35	44	54	56	63	70	66	70	46	50	60	64	48	60	58	51	59	57	38	40	55	54	46	43	47	49				53.
	Minimum	43	31	25	18	25	43	22	39	45	30	16	35	38	32	30	30	41	40	42	34	18	23	37	37	35	32	35	34				32.
Amity §§	Maximum	58	40	42	51	56	61	66	74	70	46	50	61	67	54	62	64	52	62	63	55	36	50	59	48	45	43	48	..				54.
	Minimum	34	38	29	22	22	29	27	29	36	33	21	19	20	34	30	31	39	42	43	35	18	17	18	24	37	37	36	33				29.
Arkadelphia §§	Maximum	62	42	46	52	57	68	69	72	71	52	58	62	72	68	64	55	59	62	64	53	42	48	61	53	47	53	50	56				57.
	Minimum	42	37	31	24	28	35	30	38	46	38	22	22	28	34	28	36	46	43	45	38	22	17	21	36	40	38	38	35				33.
Batesville	Maximum	56	56	36	38	51	60	59	66	69	67	43	58	65	57	57	58	52	49	65	53	37	40	57	51	41	42	50	50				53
	Minimum	41	32	26	16	19	39	28	40	38	31	18	21	34	36	28	32	40	40	47	36	20	18	20	36	32	31	33	38				31.
Bee Branch	Maximum	54	54	37	39	50	58	59	69	65	68	44	55	64	62	55	56	56	48	60	52	37	41	55	55	49	42	45	45				52.
	Minimum	41	31	25	13	20	36	28	35	40	28	17	20	27	36	30	34	37	40	48	32	17	16	20	28	34	31	35	37				29.
Benton §§	Maximum	69	42	41	37	52	63	65	71	73	46	41	58	66	52	58	62	54	66	66	45	37	47	58	51	45	45	50	52				54.
	Minimum	35	38	29	21	20	34	26	25	32	43	21	19	25	26	29	28	36	42	42	34	25	15	15	17	26	34	36	36				28.
Bentonville ***	Maximum	58	39	40	46	50	56	59	48	61	30	47	56	67	49	56	58	39	59	19	32	25	35	54	44	35	42	45	40				47.
	Minimum	39	27	26	22	32	38	32	22	30	11	14	27	38	28	25	31	24	38	32	12	6	18	24	35	27	22	34	27				26.
Blytheville	Maximum	58	55	35	38	49	54	59	67	70	69	40	56	64	54	52	58	55	55	69	51	35	38	54	52	40	43	55	54				52.
	Minimum	40	33	20	15	24	39	31	41	40	31	20	23	31	33	30	30	41	40	50	32	26	17	21	32	35	31	32	37				31.
Booneville	Maximum	62	56	40	41	55	61	65	61	74	71	49	61	70	65	60	63	60	58	64	57	34	46	60	55	46	42	46	45				56.
	Minimum	44	32	27	16	28	37	26	35	54	23	15	22	35	36	26	46	34	39	47	31	14	14	22	31	38	32	36	36				31.
Brinkley	Maximum	60	59	41	44	52	59	61	70	72	72	45	57	63	59	56	58	63	62	67	56	41	40	56	56	52	47	56	52				56.
	Minimum	44	40	29	25	28	46	30	40	47	38	23	34	31	39	31	36	42	43	54	40	26	19	22	34	40	35	36	39				35.
Camden	Maximum	61	62	62	49	58	64	66	59	75	76	50	61	71	69	61	65	66	66	68	62	57	48	60	56	53	47	52	55				60.
	Minimum	52	39	33	29	37	46	36	42	52	43	27	29	36	45	34	40	44	47	54	41	26	25	31	41	44	39	41	38				39.
Carthage	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				...
	Minimum	.	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..				...
Conway	Maximum	60	58	39	46	55	63	63	72	73	72	46	57	68	58	60	61	54	52	65	56	41	46	62	56	47	45	49	49				56.
	Minimum	45	32	28	21	26	42	28	28	45	36	20	22	31	39	31	36	43	43	51	36	22	19	22	33	39	36	38	39				33.
Corning	Maximum	55	54	34	38	53	56	57	62	70	69	42	55	65	57	53	56	47	49	63	53	32	37	55	53	43	44	52	49				51.
	Minimum	39	31	28	9	15	37	26	39	34	31	16	20	27	32	26	29	41	41	47	30	19	16	18	32	29	28	33	38				22.
Crossett	Maximum	66	63	55	50	59	69	68	70	76	75	52	63	71	74	68	65	60	70	71	74	60	49	59	60	55	57	61	64				63.
	Minimum	43	40	31	24	27	45	27	38	56	43	22	21	26	57	38	30	41	40	53	34	30	16	19	30	40	40	33	39				35.
Dardanelle	Maximum	60	55	41	41	50	62	64	70	72	..	..	56	68	64	56	61	56	51	65	57	38	45	60	55	47	44	48	48				55.
	Minimum	43	32	28	22	26	41	28	36	46	..	41	24	30	40	30	36	40	44	49	35	20	20	24	33	38	35	40	38				37.
De Queen	Maximum	60	59	48	49	51	63	66	72	73	73	52	60	69	65	61	64	60	55	63	62	40	50	58	53	50	47	49	53				58.
	Minimum	51	35	30	26	27	47	28	37	55	30	23	21	30	43	27	35	48	45	48	35	18	16	20	35	44	34	38	35				34.
Devils Knob	Maximum	50	34	32	36	43	49	54	63	62	32	40	48	61	54	48	51	49	49	49	47	25	33	46	46	40	32	42	42				44.
	Minimum	36	30	19	22	27	38	37	47	43	16	10	27	37	30	26	35	31	39	44	23	6	14	23	37	27	26	31	29				28.
Dumas	Maximum	65	62	42	48	57	63	65	66	74	72	46	62	68	65	58	63	68	69	70	58	50	46	57	57	54	58	65	60				60.
	Minimum	45	40	31	28	32	47	34	46	58	38	28	36	32	45	36	35	43	51	44	41	29	21	27	37	40	38	49	40				38.
El Dorado	Maximum	63	62	41	47	58	67	67	64	74	74	52	61	71	66	61	64	63	71	68	70	55	48	56	56	49	47	59	56				60.
	Minimum	52	41	34	35	34	49	36	47	59	44	28	26	38	46	28	39	45	52	53	41	30	22	28	41	41	40	40	39				39.
England	Maximum	59	60	42	45	52	61	62	67	71	70	43	44	66	61	64	59	63	62	66	58	46	49	59	56	50	47	52	51				57.
	Minimum	45	38	28	26	30	45	31	41	50	38	23	25	32	41	31	35	42	43	54	38	24	26	30	34	38	36	37	37				35.
Eureka Springs	Maximum	57	55	42	46	52	57	60	58	64	62	34	57	67	60	55	59	52	57	60	52	28	36	55	50	37	36	44	45				51.
	Minimum	41	30	23	21	28	33	30	22	38	13	8	26	26	30	23	39	25	34	45	19	5	15	18	34	26	23	32	32				26.
Fayetteville	Maximum	57	53	40	45	48	57	59	57	66	53	48	56	66	61	56	60	55	56	58	53	26	37	55	51	42	45	47	46				51.
	Minimum	46	30	23	20	32	43	26	25	41	13	15	25	39	31	24	40	27	37	45	23	8	15	22	39	29	26	34	32				29.
Fayetteville Exp. S	Maximum	57	54	40	45	48	55	58	55	67	47	46	55	65	61	54	57	55	56	59	54	25	36	53	50	40	44	48	46				51.
	Minimum	49	32	27	24	37	46	30	25	39	13	14	27	37	30	24	37	24	37	46	22	7	17	25	40	28	26	34	32				29.
Fordyce	Maximum	60	59	59	46	62	69	63	61	72	72	46	61	69	65	55	61	63	67	67	67	50	49	58	54	49	50	50	53				59.
	Minimum	48	36	32	28	30	35	34	43	51	44	26	26	30	46	35	39	44	47	46	40	29	21	26	39	42	40	39	39				37
Fort Smith***	Maximum	59	46	38	41	49	60	65	53	74	40	45	57	69	55	57	65	43	53	59	42	32	44	58	49	42	41	48	47				51.
	Minimum	46	29	27	23	30	42	33	32	40	20	21	28	36	34	29	39	33	38	42	19	13	21	26	39	35	32	41	36				31.
Gilbert	Maximum	52	57	38	44	58	50	60	60	53	70	37	46	60	67	43	55	58	57	65	58	35	32	40	58	50	33	40	52				51.
	Minimum	33	35	23	11	21	35	19	23	31	21	10	14	24	27	18	23	31	31	46	28	12	10	13	20	30	27	29	36				24.
Grannis	Maximum	58	57	44	49	49	61	64	70	70	70	53	60	67	56	60	61	54	55	60	61	37	49	57	48	47	45	47	50				55.
	Minimum	49	33	29	23	26	44	28	36	53	27	18	20	29	40	25	32	42	46	46	30	15	14	20	32	41	33	36	32				32
Gravette§§	Maximum	59	40	32	48	49	55	61	48	60	44	47	57	68	43	56	61	47	56	55	40	35	37	57	50	47	47	47	40				49
	Minimum	38	31	25	21	25	34	27	21	20	10	10	15	27	30	20	21	22	22	45	19	5	5	16	32	25	21	25	32				23
Green Mountain	Maximum	53	53	34	36	52	57	57	54	65	67	41	55	62	59	54	56	51	49	62	54	32	35	54	52	42	36	47	46				50
	Minimum	38	30	22	17	25	40	39	39	33	19	12	26	39	31	24	31	31	39	49	28	12	11	21	38	28	25	33	35				29
Harrison	Maximum	52	53	36	40	52	55	56	56	66	65	40	54	65	59	51	56	54	53	62	55	25	35	55	50	42	37	47	47				50
	Minimum	34	29	29	8	25	38	24	29	36	17	12	21	37	22	23	33	29	38	48	25	9	16	18	38	28	26	34	35				27.
Helena	Maximum	61	61	42	45	54	56	62	67	72	71	42	57	63	60	53	60	65	65	69	56	51	40	54	56	54	48	55	60				57
	Minimum	46	40	28	23	33	45	34	47	54	36	25	25	37	42	32	37	45	45	55	40	28	18	24	35	38	34	38	39				36
Highland	Maximum	58	56	42	49	41	63	64	69	65	71	70	67	69	64	65	51	52	55	65	57	44	49	56	53	47	44	48	52				56
	Minimum	50	34	30	25	31	46	36	42	44	33	34	33	36	34	32	33	42	44	41	38	20	21	30	39	40	35	38	34				35

Daily temperatures for February, 1939, continued

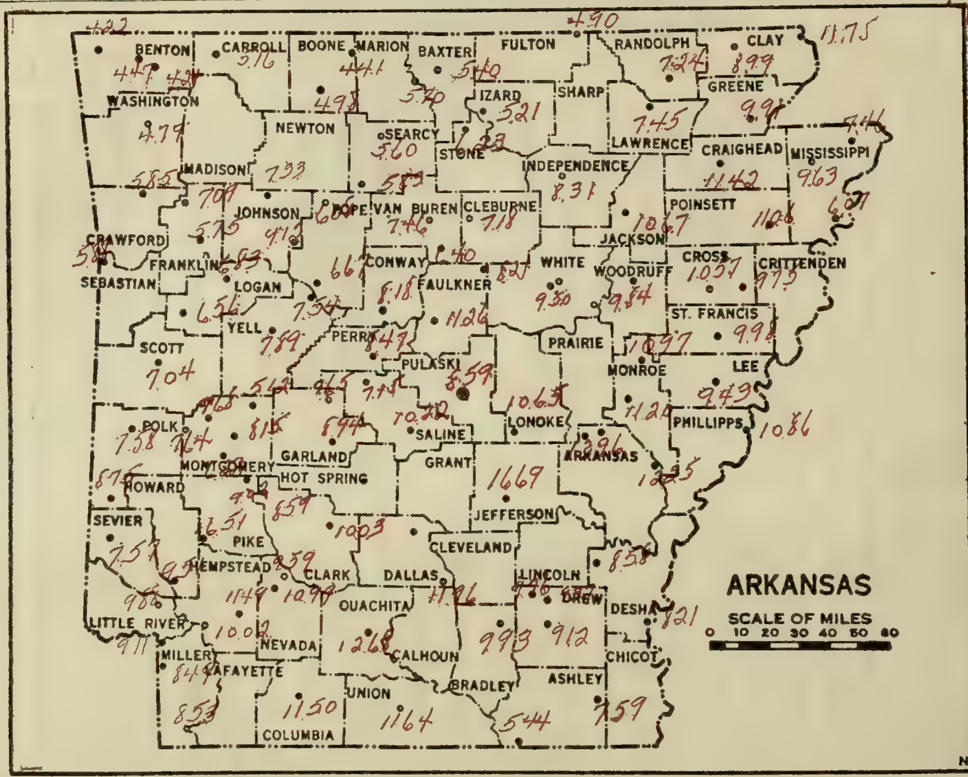
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hope §§	Maximum	61	42	34	55	56	58	63	65	74	49	49	55	64	58	58	64	55	60	59	44	41	48	58	48	47	42	51	51				53.9
	Minimum	37	40	33	26	27	47	31	32	40	41	25	24	25	42	31	33	44	44	45	38	23	20	22	28	43	36	38	35				33.9
Hot Springs	Maximum	57	57	40	47	52	60	62	69	70	70	48	58	65	60	58	61	59	54	64	57	45	48	56	52	46	43	47	49				55.5
	Minimum	45	34	29	24	30	46	48	40	53	33	21	23	35	42	30	33	47	43	52	38	21	19	25	35	40	37	39	36				35.6
Jonesboro	Maximum	56	55	35	36	49	57	59	66	70	70	39	55	66	57	53	57	54	50	65	53	35	37	55	51	45	45	54	51				52.7
	Minimum	39	34	24	16	21	37	33	38	37	35	18	22	29	34	28	30	42	40	48	33	21	17	19	37	31	29	33	38				30.8
Lead Hill	Maximum	52	52	42	37	51	51	55	55	70	47	45	57	60	60	51	51	51	50	64	58	29	33	52	52	39	37	49	45				49.8
	Minimum	33	30	24	13	20	36	21	27	35	16	9	15	26	31	19	29	27	35	47	25	9	11	13	28	27	25	30	35				24.9
Little Rock.* **	Maximum	60	50	36	43	52	59	61	65	72	50	41	53	65	56	53	58	53	58	66	48	35	42	55	52	45	45	50	50				52.6
	Minimum	47	34	28	27	32	45	36	45	45	29	22	27	38	38	34	39	44	43	48	32	23	22	28	37	36	36	39	37				35.4
Little Rock [Airway]	Maximun	60	60	38	45	53	61	61	62	72	72	47	54	65	59	55	60	54	53	67	55	42	45	58	54	48	45	50	51				55.2
	Minimum	46	36	29	24	29	41	31	39	46	38	22	25	32	42	34	34	45	44	52	40	24	21	25	35	43	36	38	38				35.3
Lutherville	Maximum	56	52	37	38	55	60	61	67	69	69	46	57	68	59	57	58	54	50	62	53	39	43	56	57	45	41	47	45				53 6
	Minimum	41	32	26	21	22	42	30	39	46	26	17	23	33	38	26	37	39	41	46	30	14	17	21	33	35	32	32	30				31.0
Magnolia	Maximum	63	62	41	48	59	65	68	..	..	..	..	62	70	67	61	65	62	75	76	70	59	48	57	55	50	48	54	58				60.1
	Minimum	40	39	34	29	33	49	35	..	..	..	..	28	39	40	33	40	46	50	53	47	26	21	30	40	46	38	40	37				38.3
Mammoth Spring	Maximum	54	53	38	38	49	57	59	54	69	68	44	56	67	60	52	53	50	47	62	52	36	35	59	55	42	44	47	47				51.7
	Minimum	39	34	25	4	12	35	22	30	35	22	13	15	23	33	24	30	36	41	47	29	15	11	13	28	28	26	31	38				26.4
Marianna	Maximum	61	61	42	46	57	57	60	68	72	72	43	61	61	57	53	60	64	63	70	70	44	41	54	55	53	53	53	57				57.4
	Minimum	46	41	29	25	29	35	32	44	50	38	25	27	27	41	33	37	42	45	40	40	29	23	26	35	40	36	36	40				35.4
Marked Tree§§	Maximum	57	43	35	40	50	55	59	69	71	40	40	58	65	54	52	58	56	61	62	58	35	39	54	55	41	46	57	51				52.2
	Minimum	34	40	25	19	24	27	30	35	40	37	20	21	28	35	30	30	36	39	42	42	26	17	21	28	35	31	31	36				30.7
Mena	Maximum	57	52	36	48	47	58	62	71	69	67	51	61	66	56	61	62	55	58	61	53	32	46	57	49	45	46	45	47				54.2
	Minimum	52	33	28	19	29	43	28	39	53	25	21	23	35	40	27	38	37	42	47	27	14	17	27	41	41	33	37	34				33.2
Monticello	Maximum	62	62	42	43	55	61	64	62	75	74	48	57	50	76	54	62	64	64	70	69	48	42	54	52	47	46	47	52				57.2
	Minimum	52	42	33	32	34	44	40	50	44	42	28	27	42	47	37	37	40	50	53	43	32	22	24	36	41	40	42	40				39.1
Morrilton§§	Maximum	60	60	59	59	59	59	61	69	72	71	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
	Minimum	34	37	26	18	23	28	27	28	32	33	18	18	27	30	30	31	37	39	42	33	19	20	22	24	35	33	34	36				29.1
Mountain Home	Maximum	55	56	56	40	56	58	61	51	70	66	48	61	68	50	54	60	51	57	65	49	30	36	58	57	36	38	51	47				53.0
	Minimum	40	30	24	16	20	37	27	35	35	18	13	20	33	32	24	32	32	39	45	28	13	15	17	33	28	26	33	36				27.9
Mt. Ida	Maximum	59	59	38	48	58	61	65	71	72	70	50	63	68	60	62	63	56	54	66	55	38	49	59	52	47	44	48	50				56.6
	Minimum	49	32	28	18	23	39	21	31	53	29	14	14	25	39	25	33	38	43	49	38	5	11	14	39	39	34	37	34				30.5
Newport	Maximum	56	56	36	39	51	60	59	66	70	70	42	55	65	59	55	57	53	50	67	55	39	41	55	52	47	45	53	51				53.7
	Minimum	42	34	27	20	24	41	29	44	38	34	20	24	35	38	30	34	42	42	42	37	23	20	23	39	35	32	35	39				33.0
Oden***	Maximum	58	49	39	48	51	60	64	73	70	50	51	61	69	66	61	63	55	52	64	48	30	45	55	49	42	42	47	46				53.9
	Minimum	49	33	23	18	27	34	28	39	49	26	17	19	53	37	30	42	37	43	48	21	12	14	18	39	36	32	41	30				32.0
Okay	Maximum	61	61	45	47	54	65	67	71	74	74	49	62	70	69	69	64	64	61	66	60	60	51	58	56	49	52	49	55				60.1
	Minimum	53	37	32	28	29	48	31	38	55	37	26	24	31	36	31	44	48	45	42	40	23	20	27	41	44	40	38	36				36.6
Ozark	Maximum	60	50	40	41	40	60	61	60	72	56	47	55	70	60	55	61	55	56	57	55	35	45	60	51	47	48	48	48				53.3
	Minimum	42	32	25	20	28	29	27	34	43	25	18	22	30	38	25	39	39	38	48	30	10	17	23	30	37	38	33	37				30.6
Paragould	Maximum	56	55	38	34	45	53	54	62	67	67	37	50	60	57	48	55	53	50	64	54	36	35	51	52	47	44	53	50				51.0
	Minimum	40	37	25	13	18	36	27	36	37	34	17	22	27	35	29	30	43	42	49	35	23	18	20	33	32	31	33	39				30.8
Pine Bluff	Maximum	53	60	41	47	58	61	68	69	73	73	46	58	67	62	56	62	61	66	69	55	43	47	58	58	50	48	53	51				55.8
	Minimum	47	39	30	26	31	38	32	43	56	39	26	27	32	44	33	38	43	47	54	41	27	21	26	39	41	38	39	39				37.0
Pocahontas	Maximum	55	55	43	37	46	58	58	64	60	..	..	53	64	61	54	56	54	48	65	55	39	37	56	55	58	44	50	48				52.7
	Minimum	40	32	25	12	16	36	27	35	35	31	16	20	27	36	27	29	41	42	42	34	20	15	19	29	31	29	34	39				29 2
Portland	Maximum	66	64	44	47	57	67	66	67	74	74	49	57	69	70	57	63	60	69	75	70	57	46	58	61	57	54	59	61				61.4
	Minimum	47	43	32	28	32	46	33	44	58	48	28	27	31	57	38	35	43	49	58	40	31	24	26	33	39	40	40	39				38.9
Prescott	Maximum	61	60	43	49	57	65	67	73	73	72	49	60	69	66	61	65	63	62	66	61	48	48	59	55	50	44	50	55				59.0
	Minimum	51	36	32	27	30	48	32	40	56	38	25	26	33	47	32	41	48	45	53	40	23	21	26	39	43	37	39	36				37 3
Rogers	Maximum	58	54	40	46	50	56	60	58	65	58	47	57	67	63	56	59	55	56	59	54	26	36	55	54	38	41	44	44				52.0
	Minimum	45	31	24	16	30	43	23	24	37	12	12	19	33	31	21	39	25	34	45	21	6	12	18	36	27	23	33	32				26.9
Russellville [Evap]	Maximum	59	55	39	43	52	61	63	70	72	72	47	58	68	63	58	62	61	52	65	58	43	45	60	59	48	49	50	49				56.5
	Minimum	44	32	28	23	26	40	28	33	47	31	19	22	22	39	30	34	39	43	48	34	20	20	22	29	38	35	39	38				32.2
St. Charles§§	Maximum	63	44	38	45	56	59	61	68	73	50	43	57	64	60	55	59	64	64	68	48	37	42	55	57	43	48	57	52				54.6
	Minimum	35	42	29	27	29	33	33	41	48	45	27	29	35	41	34	36	42	46	48	41	30	22	25	33	38	36	37	39				35.8
Searcy	Maximum	57	57	37	43	52	61	62	71	70	70	42	57	65	54	56	60	52	49	64	55	39	43	58	55	48	46	51	50				54.4
	Minimum	42	34	27	23	25	42	28	34	40	35	19	22	27	37	28	32	42	40	48	37	22	18	21	31	37	34	36	38				32.1
Stuttgart	Maximum	61	57	41	45	54	59	63	69	74	68	44	56	65	58	54	60	65	64	64	55	41	43	57	55	54	57	55	53				56.8
	Minimum	43	39	26	24	29	46	32	39	54	36	24	24	28	41	32	34	42	44	51	40	29	17	24	33	38	35	37	37				34.9
Stuttgart Evap. §§	Maximum	62	47	39	..	48	60	62	67	73	47	44	57	59	60	55	59	66	64	69	48	36	43	62	57	44	48	55	52				54.9
	Minimum	36	43	30	27	..	36	32	44	48	46	26	28	32	38	34	36	41	45	48	42	28	23	24	30	38	37	38	38				35.9
Subiaco	Maximum	65	54	38	42	53	60	64	62	74	73	47	57	70	66	57	62	59	54	67	57	35	44	59	56	47	42	48	51				55.8
	Minimum	41	30	26	19	26	38	29	35	45	25	18	22	31	36	29	40	35	39	46	32	15	19	21	33	36	32	37	35				31.1
Texarkana	Maximum	62	61	44	48	55	66	69	71	75	72	54	64	71	64	62	67	58	69	67	67	50	52	59	54	50	46	54	55				60.2
	Minimum	53	37	33	28	31	46	35	44	56	39	27	28	39	48	32	43	49	49	50	40	22	21	30	42	44	35	39	36				38.4
Thornburg	Maximum	57	57	38	46	56	60	63	72	70	71	47	59	66	60	59	61	55	54	69	53	39	44	58	54	46	43	48	48				55.5
	Minimum	45	31	26	9	22	37	23	36	46	31	15	15	32	36	29	37	39	40	45	37	19	14	15	33	35	32	35	35				30.3
Turnpike	Maximum	51	49	36	35	49	54	56	60	62	60	47	51	62	55	51	54	47	50	57	45	27	35	54	46	39	32	45	43				48.3
	Minimum	37	29	20	22	28	38	37	45	43	21	11	25	38	29	28	36	32	36	43	23	8	16	24	37	26	26	31	28				29.2
Waldron	Maximum	62	57	40	45	55	59	65	63	75	72	50	..	70	..	60	66	62	63	..	65	37	46	59	53	..	..	50	48				57.5
	Minimum	50	32	26	12	28	36	25	33	42	24	18	20	..	..	26	43	34	38	..	26	14	15	21	31	..	..	32	36				28.8
Warren	Maximum	64	63	42	46	59	65	66	65	74	73	60	70	65	58	62	66	74	67	69	58	50	57	55	52	51	48	57	59				60.5
	Minimum	48	40	31	30	32	47	32	42	57	44	26	35	45	35	34	42	49	54	53	40	21	27	39	40	39	44	38	38				39.4
White Rock	Maximum	50	50	38	36	42	55	57	58	64	63	41	51	62	57	50	55	50	53	55	46	26	37	50	46	40	34	45	42				48.3
	Minimum	38	25	20	23	28	39	39	44	47	13	19	28	38	32	28	37	30	38	41	21	6	6	25	39	29	27	29	28				29.2
Wilson	Maximum	59	58	40	41	52	54	60	70	72	72	65	56	64	65	52	59	59	64	68	50	37	37	53	52	52	49	51	56				56.0
	Minimum	34	40	20	23	26	29	30	42	43	35	32	23	31	33	33	32	38	44	41	34	26	18	22	30	32	39	30	36				32.0
Wynne	Maximum	61	60	54	42	52	57	60	60	71	72	42	57	64	58	54	58	54	57	67	57	38	40	59	56	52	45	55	59				55.8
	Minimum	42	51	26	22	28	44	31	46	43	38	21	21	32	40	30	34	43	41	56	38	27	17	21	34	39	35	42	39				35.0

Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in morning; maximum temperature credited to preceding day

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope §§ [Exp. Farm]	Evap.	.101	....	....	.013	.114	.073	.131	.120	.212	.082	*	.248	.182	176	....	. .	.141	.068	.106	....	.142	*	.212	.146	....	....	.201	.260				3.637
	Mean tem.	49	41	34	40	42	52	47	48	57	45	37	40	44	50	44	48	50	52	52	41	32	34	40	38	45	39	44	43				43.9
	Wind move	70	69	140	46	24	25	45	54	25	120	99	25	36	11	94	22	46	51	75	40	87	67	64	58	56	75	26	145				1695
Russellville [Ozark Nursery]	Evap.	.194	.054	*	.022	.028	.076	.096	.082	.044	.230	.098	.054	.037	.167	.048	.072	.122	.010	.090	.029	.123	.102	.074	.050	.148	.028	.066	.032				2.176
	Mean tem.	52	44	34	33	39	50	46	52	60	52	33	40	45	51	44	48	50	48	56	46	32	32	41	44	43	42	44	44				44.4
	Wind move	42	40	41	17	11	45	28	21	55	127	37	8	33	31	43	62	31	9	22	58	91	65	14	39	77	21	54	149				1 271
Stuttgart §§ [Rice Exp. Farm]	Evap.	.056	....	....	.025	....	...	.115	.065	.. .	.079	*	.143	.053	.011	. .	.051	.117	.068	.000	.110	*	*	.227	.041	.032	.012	.012	.041				1.601
	Mean tem.	49	45	34	....	....	48	47	56	60	46	35	42	46	49	44	48	54	54	58	45	32	33	43	44	41	42	46	45				45.4
	Wind move	143	92	234	56	*	101	44	77	90	220	106	59	5	17	171	35	106	50	97	137	114	89	66	125	110	79	46	206				2675



Daily River Stages for February, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.0	....	....	5.4	5.5	5.6	5.9	6.2	5.9	5.9	6.4	6.5	6.4	6.3	6.2	6.4	6.5	6.5	6.5	8.8	9.3	9.4	9.2	8.2	8.0	8.8	9.4	9.6			
Van Buren	do	22	4.1	4.0	4.0	4.6	4.8	4.8	5.0	5.4	5.1	5.1	5.6	5.6	5.5	5.4	5.4	5.6	5.9	5.8	5.6	9 0	9.2	9.2	9.2	8.0	7.6	9.0	9.3	9.6			
Danville	Petit Jean	20	8.0	7.6	9.8	12.8	12.4	12.8	14.6	14.9	12.6	11.2	14.9	14.3	11.3	9.3	17.4	20.7	20.6	18.9	16.3	21.2	23.1	23.3	21.7	19.9	20.0	22.8	23.7	23.3			
Ozark	Arkansas	22	0.4	0.4	0.4	0.8	1.0	1.0	1.2	1.2	1.2	1.3	1.4	1.4	1.7	1.5	1.4	1.3	1.7	1.9	1.9	6.2	5.7	5.1	4.7	4.5	4.4	5.7	5.4	5.7			
Dardanelle	do	22	4.7	4.6	4.6	4.8	4.8	4.8	5.0	5.0	5.1	5.3	5 4	5.2	5.4	5.2	6.1	6.1	5.7	5.7	5.8	10.4	11.0	9.8	9.1	8.1	10.5	11.2	10.5	10.5			
Morrilton	do	20	2.2	1.8	2.0	2.4	2.4	2.5	2.6	2.6	2 6	2.6	2.9	2.8	2 6	2.6	3.0	4.0	3.4	3.2	3.2	5.9	8.4	8.9	7.0	6.6	6.8	9.7	8.8	8.4			
Little Rock	do	23	5.3	5.8	6.3	6.4	6.4	6.2	6.0	5.9	5.9	5.8	5.8	5.8	5 4	5.0	5.2	5.9	6.4	6.0	5.5	6.0	9.2	10.3	9.6	8.8	8.5	10.0	10 2	10.9			
Pine Bluff	do	25	7.9	9.2	10.5	10.8	10.7	10.5	10.1	9.9	9.8	9.8	9.7	9.6	9.4	9.0	9.2	9.2	10.0	10.2	9.7	9.5	10.4	13.5	13.9	13.2	12.5	12.7	14.6	15.2			
Gilbert	Buffalo	30	6.4	6.1	5.9	5.7	5.4	5.1	4.8	5.5	5.3	6 0	6.0	5.6	5.3	5.1	5.7	5.3	5.1	4.9	5.2	12.7	7.4	6.4	5.9	5 7	6 9	7.7	6.7	9.3			
Doniphan, Mo.	Current	10	8.2	7.6	7.1	6.5	6.2	5.8	5.5	5.2	4.9	4.5	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.9	4.2	4.2	4.1	4.0	3.9	3.9	3.8	3.8	5.7			
Black Rock	Black	14	15 6	15.4	15.9	15.8	15.3	15 3	16.0	16.2	16.2	17.6	18.0	17.7	17.4	16.9	17.3	16.9	16.4	15.8	15.2	16.6	16.7	16.2	15.8	15.3	15.0	14.7	14.3	16.6			
Judsonia	Little Red	30	31.0	29.6	31.4	29.1	26.5	25 9	26.1	26.5	25.9	26.0	25.9	25.6	24.9	24.4	25.6	25.8	25.4	24.7	24.4	26.5	28.9	26.9	25.6	25.4	26.2	28.5	30.0	29.4			
OzarkBeachMo	White	30	5.4	5.2	5.4	5.4	4.2	4.8	4.6	3.7	3.2	4.5	4.6	5.7	5.8	5.0	4.6	4.6	4.1	2.2	4.5	10.3	12.2	12.6	8.6	6.6	5.8	5 4	5.4	7.9			
Cotter	do	21	7.8	7.5	7.0	7.0	7.2	7.2	7.0	6.7	6.5	5.8	5.8	5.5	5.0	5.0	5.0	5.8	5.8	5.8	5.8	11.5	12.5	12.0	13.5	9.8	8.5	7.0	7.0	8.3			
Calico Rock	do	18	10.0	8.5	8.1	7.5	6.8	6.6	6.6	6.2	5.8	6.2	6.3	6.1	6.0	6.4	6.1	5.8	5.4	5.0	5.1	13.1	15.5	13.0	13.2	10.4	8.4	9.5	8.6	10.0			
Batesville	do	23	18.6	16.6	15.9	14.8	13.8	13.8	13.9	13.1	12.4	12.9	13.1	12.6	12.1	12.2	13 5	12.5	11.9	11.5	11.0	14.6	22.8	21.6	20.5	19.5	16.6	16.5	16 5	18.2			
Newport	do	26	19.3	20.9	21 3	21.3	20.9	20.5	20 4	20.2	19.8	19.6	19.6	19.4	19.2	18.9	19.3	19 5	19.2	18.7	18.2	18.8	21.5	23.8	24.2	24 4	24.1	23.4	23.0	22.9			
Georgetown	do	21	19.0	20.1	21.0	22.0	22 3	22.5	22.5	22.5	22.5	22 5	22.4	22.3	22.2	22.0	22.0	22.0	22.0	21.9	21.8	22.0	22.0	22.4	22.5	22.6	22.9	23.3	23.7	24.0			
Clarendon	do	26	19.9	21.4	23.2	24.7	26.0	26.8	27.5	28.0	28.4	28.6	28.6	28.6	28 6	28.6	28.8	28 8	28.8	28.7	28.7	28.7	28.7	28.6	28.5	28.5	28.6	28.7	28.8	29.0			
St. Charles	do	..	18.4	19.8	21.0	22.3	23.0	23.7	24.4	25.0	25.6	26.1	26.6	26.8	27.0	27.0	27.4	27.4	27.4	27.4	27.2	27.3	27.2	27.2	27.0	27.0	27.2	27.2	27.2	27.3			
Arkadelphia	Ouachita	17	9.4	12.4	21.4	21.2	16.3	12.6	12.8	10.5	10.4	11.8	10.1	9.1	8.5	10.0	16.3	13.6	12.2	11.7	10.6	15.1	17.0	15.3	12.8	10.6	12.8	17.9	17.8	17.5			
Boughton	Little Mo.	20	14.0	13.5	17.0	19.8	20.0	18.2	16.0	15.3	11.6	10.8	11.2	11.3	10.6	9.2	17.6	20.4	19.6	17.2	14.1	16.0	18.0	19.1	17.0	13.6	14.1	18.4	20.8	19.5			
Camden	Ouachita	26	20.6	21.3	24.0	28.1	31.0	33.2	34.0	34.2	33.8	32 9	31.8	31.2	30.0	28.5	28.0	29.5	31.9	33.1	33.5	33.4	32.8	32.5	32.4	32.3	32.2	31.7	31.7	32.6			
Benton	Saline	..	9 6	17.0	24.0	16.6	11.6	9.9	9.0	8.5	8.6	11.8	10.4	9.0	8.4	8.0	12.6	11.1	9.4	8.5	8.4	14.4	11 4	9 6	8.6	8.1	10.0	12.0	10.8	14.9			
Whitecliffs	Little River	25	5.7	5.9	9.5	11.8	13.7	13.9	13.0	12.5	11.2	10.1	9.0	8.0	7.0	7.3	14.6	17.3	17.6	17.0	16.0	17.6	21.4	23.8	24.3	24.0	23.6	23.9	25.0	26.0			
Index	Red	25	6.8	6.6	7.6	8.2	8.1	7.7	7.3	7.1	7.1	7.0	7.0	7.0	6.8	6.8	6.1	10.3	10.4	9.8	9.0	9.8	12.2	13.4	13.0	12.8	11.2	12.0	15.2	16.1			
Fulton	do	25	7.4	7.8	9.1	10.4	10.8	10.9	10.7	10 2	9.7	9.2	8.7	8.4	8.0	7.8	10.1	12.3	13.5	13.4	13.0	12.9	14.2	16.3	17.1	16.9	16.6	17.0	19.2	20.9			
Big Lake Outl't	St. Francis	10	6.9	9.0	10.4	11.7	13.0	14.1	14.7	15.1	15.5	15.8	15.9	15.9	15.6	15.3	15.0	14 8	14.8	14.8	14.8	14.8	14.9	15.0	15.1	15.1	15.0	14.9	14.8	14.8			
St. Francis	do	18	15.6	17 4	18.7	19.7	21.0	21.3	21.0	20.7	20 2	20.2	20.1	19.5	19.3	19.1	19.5	19.5	19.1	18.7	18.4	18.5	18.0	17 6	17.3	17.6	17 9	18.3	18.4	18.8			
St. Francis L.L.	do	..	20.8	21.0	21.7	22.0	22.7	23.3	24.1	24 6	25 1	25.5	25.8	26.0	26.3	26.4	26.6	26.6	26.6	26.6	26.5	26 5	26.5	26.4	26.4	26.4	26.3	26.3	26.2	26.2			
Marked Tree	do	17	2.2	3.0	5.4	5.9	5.7	5.4	5.1	4.7	4.4	4.6	4 6	4.5	4.2	4.0	5.2	5.7	5.7	5.6	5.5	6.6	6.9	6.9	6.7	6 4	6.2	6.3	6 3	7.8			
Parkin	do	23	7.8	9 1	13.3	15.2	15.6	15.5	15.2	15.0	14.9	15.2	15.9	16.4	16.9	17.4	18.9	20.1	21.1	21.9	22.3	23.1	23.8	24.2	24.4	24 5	24.5	24.5	24.5	25.0			
Madison	do	32	7.5	9.7	13.7	15.0	16.0	16.6	17.1	17.6	18.4	19.2	20.1	20.8	21.5	22.1	23.5	24.4	25.3	26.0	26 5	27.5	28.0	28.5	28.9	29.2	29.6	29.6	29.7	30.1			
Helena	Mississippi	42	16.3	17.5	20.7	24.6	28.0	30.7	32.7	34.0	35.2	36.6	37.4	38 1	38.7	39.3	40.2	40 8	41 6	42 3	42.9	43.7	44.4	44 9	45.4	45.8	46.2	46.6	46.9	47.2			
Arkansas City	do	42	11.7	12.1	13.2	15.6	18.8	21.4	23.5	25.0	26.0	26.9	27.7	28.4	29.0	29.6	30.1	30.8	31.4	31.9	32.4	33.1	33.5	34.0	34.6	35.3	35.8	36.1	36.4	36.6			

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of obser vation. ¹First-order Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. ²Precipitation is measured in the morning; amount ther recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than .0 inch. †Post office addresses as follows:—Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Dodridge; Turnpike, Dover; White Rock, Cass; Hankins Montongo, Plantersville, Ross and Underwood, Soil Conservation Service, Monticello. ††Not used in means and summaries. Reference letters ᵃ,ᵇ,ᶜ, number of days miss ing. ‡‡Also on other dates.

The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipita tion with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are fo the period to 1935, inclusive.

Weather Bureau Office, Little Rock, Ark. 4-5-39-1150

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UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

VOL. XLIV   LITTLE ROCK, ARK., MARCH, 1939   No. 3

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GENERAL SUMMARY

The mean temperature for March, based on the reports of 72 stations, was 55.4°, which is 2.7° above the 49-year average. Monthly means ranged from 49.6° at Lead Hill to 60.2° at El Dorado and Magnolia. The highest temperature reported was 88° recorded at Corning, Dumas and Ozark on the 23d. The lowest recorded was 19° at Lead Hill on the 16th. The greatest daily range was 54° reported at Gravette on the 19th.

The average precipitation, for 109 stations, was 3.71 inches, which is 1.00 inch below the 49-year average. Monthly amounts ranged from 1.24 inches at Fort Smith to 7.65 inches at Arkansas City. Precipitation was above normal over the region from the Red River Basin eastward to Desha and Chicot counties, and over a narrow belt extending from eastern Johnson County northeastward to Fulton County. Moderate to heavy rains were reported on the 4th-5th, the 10th and from the 25th to the 29th. The greatest amount recorded in any 24-hour period was 4.31 inches at Arkansas City on the 30th. The average number of days with 0.01 inch or more was 8. The average snowfall for the month was a trace.

Dust was reported at a number of stations on the 5th, 11th and 12th. The visibility was reduced to 2 miles in the central part of the State on the 5th.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.10	30.51	18	29.37	11	7.7	31	s	11	..	..	..	65
Fort Smith	30.07	30.50	18	29.47	11	8.1	34	w	11	72	48	45	57
Little Rock	30.08	30.51	18	29.48	11	8.9	33	w	12	70	48	46	59
Memphis	30.08	30.53	18	29.45	12	8.6	34	sw	12	68	53	49	49

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog				6					2	5	1		2	1				4								1	1	2	7	1	1
Light Hail				5	3																								2		
Moderate Hail																															
Thunderstorm				20	8				7	12	5									6				1	6	14	4	27	20		1

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.7	79	10	5.10	......		11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1.3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	83	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3.04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	55.4	88	19	3.71	T.	8	14	8	9
Period	52.7	98	1	4.71	0.5	8	13	7	11

Storms in March

Nature of storm	County	Location	Date	Time	Dir. moved	Length of path miles	Width of path yards	Killed	Injured	Damage	Remarks
High wind	Benton	Siloam Spgs., near	4	p. m.	....	....	....	0	0	$ 3,500	Large barn destroyed; some livestock killed.
Tornado	Carroll	Rural area, Berryville, Alpena	4	11:00 p. m.	NE&E	....	880	1	20	125,000	Dipped at intervals from Busch Mountain to Burlington. $75,000 property loss at Berryville. 40 to 50 homes destroyed or damaged.
	Boone	Shaver and Burlington	4	midnight	E	30	narrow	0	....	20,000	
Heavy Hail	Faulkner	Mayflower	9	5:30-6:00 p.	....	5	... .	0	....	500	Damaged windows, roofs and auto tops.
Heavy Hail	Pulaski	11 miles north of Little Rock	9	6:30 p m.	....	....	small	0	....	300	Hailstones 1-2 inch in diameter; 8 to 10 inches depth over small area. Turnip patch ruined.
Thunderstorm	Franklin	Ozark, 5 mi. west	26	3:00 p. m.	....	....	....	1	....	....	Boy, age 11 years, killed by lightning.
Heavy Rain	Ouachita	Camden	28	p. m.	....	....	....	0	....	10,000	Damaged streets and sewer system
Heavy Rain	Union	....	28	8:00 p.m.	....	....	....	0	....	10,000	Damaged county roads and property at Norphlet.
Heavy Hail	Union	Smackover to Norphlet	28	8:05 p. m.	....	....	....	0	....	12,500	Hailstones, some as large as hen eggs; Norphlet center of damage; about 50 families affected by the storm.
				8:25 p. m.	SE	8	narrow	0	....		
Heavy Hail	Ashley	Crossett vicinity	28	9:00 p. m.	W	15	880	0	....	500	Hailstones, marble size stripped trees and shrubs.
Heavy Hail	Ashley	Montrose vicinity	28	p. m.	....	....	....	0	....	25,000	Damaged roofs and auto tops.
Heavy Hail	Ashley	Milo	28	afternoon	SW	short	880	0	....	100	Damaged early gardens.
Heavy Hail	Hempstead	Patmos	28	6:30 p.m.	E	....	....	0	....	800	Damaged property and crops over several miles.
High Wind	Hempstead	Patmos	28	6:30 p. m.	E	....	....	0	1	2,000	Damaged property.
Heavy Hail	Drew	Winchester	29	3:00 p.m.	N	....	880	0	....	500	Hailstones, some 1 inch in dia. Damaged property.
Tornado	Ashley	SulphurSpg., Pugh and Fountain Hill	30	p. m.	N&NE	20	440	0	0	2,000	Damaged property; 500,000 feet timber blown over.
Tornado	Baxter	Mountain Home	31	10:00 p.m.	E	short	33	0	1	3,000	Damaged property.

Correction for December, 1938.--Stuttgart (Evap)., lowest temperature should be 17° on 28th. **Corrections for February, 1939.**--Dardanelle, mean minimum 34.0; mean temperature 44 6°; departure −0.2. England, number of days 0.01 or more, 12. Magnolia, mean minimum 38.0; mean temperature 49.0; departure −2.4. Pocahontas, mean maximum 52.8. Portland, number of days .01 or more, 12.

Climatological Data for March, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	3	54.6	....	81	22§	27	7§	40	1.73	....	0.57	0	7	18	8	5	e.	L. R. Water Works
Amity	Clark	500	44	....	....	85	22	....	....	....	....	....	....	.	..	..	..	..	....	J. W. Campbell
Arkadelphia	Clark	200	44	56.4	....	83	22§	28	16	42	4.45	−0.02	1.55	0	8	16	10	5	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	55	....	....	....	....	....	....	....	7.65	+2.45	4.31	0	7	18	4	9	....	Herbert Neff
Batesville Airway	Independence	363	3	54.4	+ 4.2	84	23	28	1	36	4.03	−0.25	1.53	0	10	6	16	9	s.	Airway Observer
Batesville	Independence	277	40	....	....	....	....	....	....	....	3.79	−0.49	1.02	0	11	12	7	12	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	54.0	+ 2.2	80	22§	27	16	39	3.10	−1.28	1.20	0	6	14	9	8	w.	J. E. Scanlan
Benton	Saline	285	4	52.9	....	82	23§	24	17	48	3.85	....	1.45	0	9	20	0	11	nw.	S. A. Burks
Bentonville	Benton	1295	34	51.8	+ 3.4	79	22	22	1	39	2.13	−1.90	0.91	0	9	13	9	9	nw.	U. S. Weather Bureau
Big Lake Outlet †	Mississippi	239	9	....	....	....	....	....	....	....	3.58	....	1.23	0	9	13	3	15	....	C. J. Brooks
Black Rock	Lawrence	259	38	....	....	....	....	....	....	....	2.79	−1.57	1.22	0	9	17	0	14	s.	Vernon C. Howe
Blytheville	Mississippi	252	14	52.6	+ 1.0	84	24	23	2	42	2.77	−2.57	1.04	0	8	16	3	12	sw.	Samuel Norris
Booneville	Logan	465	25	56.2	+ 3.0	84	22	24	2	42	1.75	−2.28	0.81	0	7	12	13	6	s	F. H. Randolph
Boughton †	Clark	235	4	....	....	....	....	....	....	....	4.15	....	1.16	0	7	13	5	13	....	Harry J. Buie
Brinkley	Monroe	205	12	56.6	+ 3.3	85	23	31	3	41	3.43	−1.86	1.20	0	8	15	3	13	ne.	R. J Torry
Calico Rock	Izard	361	35	....	....	....	....	....	....	....	3.72	−0.32	2.20	0	9	15	2	14	....	William Jones
Camden	Ouachita	116	54	58.8	+ 3.8	84	12§	32	16§	37	5.01	+0.38	2.90	0	10	13	3	15	s.	J M Knight
Clarendon	Monroe	172	35	....	....	....	....	....	....	....	4.22	−0.72	2.10	0	11	12	7	12	s.	R. M. Wheatley
Clinton	Van Buren	516	18	....	....	....	....	....	....	....	4.37	−0.19	2.08	0	4	12	14	5	sw.	A L. Stephens
Conway	Faulkner	309	56	57.0	+ 3.2	85	23	28	2	43	3.52	−0.76	0.97	0	9	14	13	4	s.	E. E Cordrey
Corning	Clay	293	46	53.2	+ 2.5	88	23	25	2	45	3.99	−0.37	2.00	0	7	17	4	10	w.	Winfred D. Polk
Cotter	Baxter	440	12	....	....	....	....	....	....	....	3.32	+0.19	2.46	0	4	16	5	10	....	O. B. McSpadden
Crossett	Ashley	175	27	57.6	+ 2.2	85	23	25	17	44	3.16	−1.98	1.24	0	4	15	6	10	sw.	U. S. Forest Service
Danville	Yell	327	23	....	....	....	....	....	....	....	1.78	−1.96	0.68	0	9	11	9	11	....	J. M. Patterson
Dardanelle	Yell	330	53	57.0	+ 4.2	85	22§	28	2	41	2.15	−1.83	0.72	0	9	6	17	8	s.	Geo. N. Goodier
De Queen	Sevier	426	4	56.4	....	83	22	23	2	42	4.15	....	1.48	0	7	19	5	7	s.	E. B. Smith
Devils Knob †	Johnson	2350	3	51.4	....	76	22	21	1	38	3.84	....	1.71	0	10	17	4	10	sw.	U. S. Forest Service
Dumas	Desha	162	34	58.2	+ 2.9	88	23	30	2	42	4.72	−1.04	2.74	0	8	8	14	9	s.	Ben Johnson
El Dorado	Union	270	39	60.2	+ 4.0	84	22§	31	2	41	5.11	+0.15	2.16	0	9	16	6	9	s.	Mrs. E. W. Gaston
England	Lonoke	229	33	56.9	+ 2.5	85	23	30	2	39	3.30	−1.54	1.30	0	9	17	13	1	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	53.5	+ 3.4	80	23	22	1§	35	1.86	−2.12	0.60	0	7	20	6	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	54.2	....	82	22	24	15	40	1.51	....	0.72	0	8	8	14	9	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	53.4	+ 3.9	77	22§	24	15	46	1.52	−2.18	0.49	0	9	11	15	5	sw.	University of Arkansa
Fordyce	Dallas	275	11	57.6	....	85	26	30	2	41	4.85	....	2.50	0	8	11	19	1	s.	Miss Mercille McMurr
Fort Smith	Sebastian	448	58	56.4	+ 3.8	82	24	29	15	36	1.24	−1.77	0.44	0	7	11	13	7	e.	U. S. Weather Burea
Ft. Smith Wtr. P †	Crawford	....	2	....	....	....	....	....	....	....	2.25	....	1.56	0	4	15	3	13	....	T. J. Wylie
Fulton	Hempstead	260	54	....	....	....	....	....	....	....	5.38	+1.04	1.98	0	8	15	5	11	....	T. J. Logan
Georgetown	Woodruff	200	27	....	....	....	....	....	....	....	3.88	+0.81	0.85	0	9	17	1	13	....	C. G. Long
Gilbert	Searcy	600	14	52.2	....	84	22	20	16	50	3.19	+0.47	1.87	0	7	16	4	11	....	F. E. King
Glenwood	Pike	547	4	....	....	....	....	....	....	....	4.02	....	1.37	0	7	22	4	5	....	C. A. Price
Grannis	Polk	900	20	55.0	+ 3.6	81	22	24	2	42	4.42	−0.52	1.66	0	9	12	9	10	s.	W. E. McVay
Gravette	Benton	1250	42	51.1	+ 5.1	83	23§	22	1	54	2.65	−0.97	0.80	0	6	13	7	11	s.	Max W. Schmidt
Green Mountain †	Stone	1100	3	54.0	....	80	22§	24	1	39	3.28	....	1.64	0	8	12	15	4	sw.	U. S. Forest Service
Hankins †	Drew	....	2	....	....	....	....	....	....	....	4.46	....	1.68	.	6	..	..	..	....	Soil Conservation Ser
Harrison	Boone	1052	39	52.4	+ 3.8	83	22§	24	1	42	1.90	−1.69	0.78	0	8	22	2	7	sw.	Louis R. Keck
Helena	Phillips	300	67	56.6	+ 2.0	83	23	32	16	32	5.85	+0.14	2.06	0	11	13	4	14	s.	James A. Burnett
Higden	Cleburne	445	20	....	....	....	....	....	....	....	3.69	−0.57	1.48	0	7	13	14	4	s,	Austin E. Cartwright
Highland	Pike	491	20	57.5	....	81	22§	29	2	34	4.34	−0.03	1.22	0	5	9	10	12	sw.	J. O. Cooley
Hope ‡‡	Hempstead	375	69	54.9	− 1.7	81	24	30	2	44	5.34	+0.66	1.54	0	8	14	11	6	e.	Experiment Farm
Hot Springs	Garland	600	48	56.8	+ 3.1	81	24	30	1§	39	2.59	−1.84	0.95	0	5	11	15	5	s.	National Park Servic
Index †	Little River	275	22	....	....	....	....	....	....	....	5.49	+1.45	2.10	0	6	20	4	7	....	W. E. McDowell
Irons Fork †‡‡	Polk	....	1	52.2[d]	....	80[d]	22	20[d]	2	44[g]	3.14	....	1.07	0	10	19[d]	5[d]	3[d]	s.	U. S. Forest Service
Jessieville	Garland	750	13	....	....	....	....	....	....	....	1.85	−2.46	0.48	0	7	11	14	6	nw.	U. S. Forest Service
Jonesboro	Craighead	345	44	54.2	+ 2.0	87	23	28	2	36	3.50	−1.06	1.70	0	9	10	6	15	sw.	Benedictine Sisters
Judsonia	White	220	3	....	....	....	....	....	....	....	3.63	....	1.09	0	9	12[a]	6[a]	12[a]	....	T. H. Beals
Lead Hill	Boone	650	33	49.6	+ 0.8	83	22	19	16	50	1.71	−1.93	0.55	T	9	16	7	8	nw.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	60	56.4	+ 3.4	82	23	32	1§	33	2.47	−2.15	1.22	0	7	13	4	14	s.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	3	57.0	....	84	22§	32	2§	41	3.54	....	1.39	0	7	11	9	11	s.	W. B. Airport Statio
Lutherville †	Johnson	775	40	55.0	+ 3.4	81	24	28	1	38	5.62	+1.61	3.26	0	6	12	11	8	sw.	H. G. Lenhardt
Madison	St. Francis	209	9	....	....	....	....	....	....	....	4.70	....	2.25	0	8	9	3	19	....	J. W. Eppes
Magnolia	Columbia	315	23	60.2[a]	+ 3.4	84[a]	22§	31[b]	2	41[b]	4.90	+0.44	1.50	0	5	7[a]	18[a]	5[a]	sw.	State Agri. School
Mammoth Spring	Fulton	600	35	52.2	+ 2.4	86	22	21	18	49	4.68	+1.02	3.30	T	6	12	12	7	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	28	57.0[c]	+ 3.0	84[c]	23	33[d]	2	35[g]	4.30	−0.37	1.88	0	8	12	14	5	s.	C. N. Houck
Marked Tree	Poinsett	229	35	52.6	+ 2.2	87	23	29	2§	41	4.36	−0.53	1.20	T	8	11	12	8	se.	Charles Walton
Mena	Polk	1207	51	56.0	+ 3.7	81	24	29	7§	40	3.15	−1.08	1.16	0	10	11	11	9	sw.	E. W. St. John
Monticello Airway	Drew	273	3	57.6	....	85	23	33	2§	33	6.92	....	4.04	0	7	9	8	14	sw.	Airway Observer
Monticello †	Drew	273	4	....	....	....	....	....	....	....	6.08	....	3.03	.	5	..	..	..	....	Soil Conservation Se
Montongo †	Drew	....	4	....	....	....	....	....	....	....	6.24	....	2.36	.	8	..	..	..	....	Soil Conservation Se
Morrilton	Conway	315	20	55.6	+ 4.8	83	23	26	2	46	2.08	−1.60	0.53	0	7	11	9	11	w.	Mrs. Freda M. Ashcra
Mountainburg	Crawford	2010	2	....	....	....	....	....	....	....	3.10	....	2.01	0	6	19	5	7	se.	C. A. Lovell
Mountain Home	Baxter	800	27	53.8	+ 3.8	85	22	23	18	42	4.01	+0.50	2.25	0	7	10	9	12	w.	H. N. Halbert
Mountain Valley	Garland	273	2	....	....	....	....	....	....	....	2.95	....	0.85	0	7	16	8	7	n.	J. G. Scott
Mount Ida	Montgomery	702	40	54.6	+ 2.4	83	22	20	2	47	2.51	−1.65	0.67	0	6	12	10	9	sw.	G. A. Whittington
Newport	Jackson	231	56	55.4	+ 3.1	86	23	30	1§	41	2.12	−2.30	0.83	0	9	12	14	5	n.	J. D. Henderson
Norman	Montgomery	687	11	....	....	....	....	....	....	....	2.97	....	0.96	0	6	13	7	11	s,	U. S. Forest Service
Oden	Montgomery	800	12	56.0	....	81	24	27	2§	43	2.32	....	0.73	0	8	9	17	5	s.	U. S. Forest Service
Okay	Howard	288	11	57.8	....	83	22§	29	16	39	5.51	....	1.60	0	10	19	6	6	s.	Charles R. Jackson
Osceola	Mississippi	250	39	....	....	....	....	....	....	....	....	....	....	.	..	..	..	..	....	G. H. Banks
Ozark	Franklin	396	44	56.4	+ 4.0	88	23	26	2	49	1.92	−1.24	0.70	0	8	12	7	12	se.	Orkney O. Milton
Paragould	Greene	275	16	52.7	....	82	23	28	2	34	3.03	−2.75	0.88	0	9	16	8	7	sw.	J. E. Garrett
Parkin	Cross	222	9	....	....	....	....	....	....	....	4.80	....	1.33	0	9	13	4	14	....	Carroll King
Pine Bluff	Jefferson	215	52	58.4	+ 3.6	86	24	32	2§	38	3.76	−1.41	1.72	0	9	12	11	8	sw,	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	....	....	....	....	....	....	....	2.63	−2.12	0.97	0	5	14	8	9	w.	J R. Huddleston
Plantersville †	Drew	....	2	....	....	....	....	....	....	....	4.45	....	1.47	.	7	..	..	..	....	Soil Conservation Se
Pocahontas	Randolph	300	46	53.2	+ 2.2	85	23	22	1	40	2.55	−1.81	0.91	0	7	11	6	14	s.	Benedictine Sisters
Portland	Ashley	122	33	58.4	+ 1.7	87	23	30	17	42	6.26	+1.09	3.20	0	5	18	3	10	sw.	W E. Edmiston
Prescott	Nevada	318	51	59.2	+ 3.6	84	22	31	2	39	4.58	+0.08	1.07	0	9	15	2	14	sw.	J. Craig Williams
Rock Springs †	Drew	....	4	....	....	....	....	....	....	....	4.93	....	1.55	.	8	..	..	..	....	Soil Conservation Se
Rogers (near) †	Benton	1300	49	53.2	+ 4.2	81	23	22	1§	49	1.63	− 1.77	0.61	0	7	20	3	8	sw.	Carl A. Starck
Rosebud †	Faulkner	600	5	....	....	....	....	....	....	....	3.51	....	1.61	0	6	17	9	5	s.	G. A. Maddox
Ross †	Drew	....	2	....	....	....	....	....	....	....	4.97	....	1.75	.	5	..	..	..	....	Soil Conservation Se
Russellville	Pope	526	27	56.3	+ 4.9	84	23§	27	2	42	2.05	−2.83	0.72	0	9	22	0	9	sw.	U. S. Forest Service
St. Charles	Arkansas	175	6	56.8	....	84	23	31	2	39	5.00	....	2.60	0	7	13	6	12	s.	U. S. Biological Surv
St. Francis	Clay	290	12	....	....	....	....	....	....	....	3.65	−1.75	1.63	0	11	17	0	14	....	A Boyce Boyd, Jr.
Searcy	White	245	29	55.1	+ 2.9	84	22§	28	16	41	3.54	−0.52	1.04	0	11	21	2	8	sw.	Walter A. Smith
Springbank †	Miller	240	30	....	....	....	....	....	....	....	2.58	−1.81	0.65	0	7	16	3	12	....	Henry Field
Story	Montgomery	650	15	....	....	....	....	....	....	....	2.13	−2.15	0.84	0	6	19	3	9	s.	S. C Story
Stuttgart	Arkansas	214	52	57.0	+ 3.2	84	23	30	2	39	3.62	−1.37	1.92	0	9	20	3	8	s.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	4	55.6	....	84	23	32	2§	40	3.93	....	2.08	0	11	..	..	..	....	Rice Experiment St
Subiaco	Logan	750	42	56.4	+ 3.4	83	22§	27	1	43	3.03	−0.70	1.16	0	7	16	8	7	nw.	New Subiaco Abbey
Texarkana	Miller	332	54	59.2	+ 3.0	81	21§	30	2	35	3.85	−0.41	1.10	0	5	15	9	7	s.	H. S. Brashear

Climatological Data for March, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record, years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Thornburg	Perry	650	19	54.4		83	22§	20	2	45	2.37	−1.49	0.96	0	7	13	11	7	s.	Edward E. Holmes
Turnpike †	Pope	2240	15	52.0		76	22§	21	1	36	5.59	+1.01	1.92	0	9	15	7	9	sw.	U. S. Forest Service
Underwood †	Drew		2								4.55		1.52	.	6					Soil Conservation Ser.
Waldron	Scott	575	20	56.1[f]		83[f]	10§	24[f]	2	43[i]	3.33	−0.94	1.40	0	7	10[f]	10[f]	5[f]	se.	Wilson Ferguson
Warren	Bradley	206	45	58.8	+ 2.8	84	21	30	2§	36	5.38	+0.19	2.12	0	8	11	5	15	sw.	C. N. Turner
Whitecliffs	Little River	290	33								7.02	+2.83	3.60	0	7	14	7	10		L. M. Snead
White Rock †	Franklin	2285	3	52.4		76	22§	21	15	45	2.73		1.14	0	8	24	2	5	sw.	U. S. Forest Service
Wilson	Mississippi	237	14	54.7	+ 2.6	85	23	30	16	34	3.23	−2.18	1.10	0	6	19	1	11	s.	D. O. Anderson
Witt Springs	Searcy	1953	2								5.07		2.98	0	5	14	0	17	sw.	E M. Duncan
Wynne	Cross	167	15	55.8	+ 4.2	87	12§	29	2	42	4.85	0.00	1.30	0	7	13	10	8	s.	B. M. Eddins
State Means				55.4	+ 2.7	88	23	19	16	54	3.71	−1.00	4.31	T.	8	14	8	9	s.	

Daily Precipitation for March, 1939

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser. †	Ouachita				.37					T.		T.									.02					.07	.32		.32	.57	.06		1.73
Amity	Ouachita																									.60	.80		.40	.70			
Arkadelphia[2]	Ouachita				.18	.53					.10		T.													.13	1.15	.32	.49	1.55			4.45
Arkansas City[2]	Mississippi				.20	.04																					.90	1.20	.15	.85	4.31		7.65
Batesville Airway	White				.67	.27					1.53		.12						.03		.06						.20	.05	T	1.02	.08		4.03
Batesville River[2]	White				T.	.88					.85	.70	.10					.02			.03	.02					.07		03	1.02	.07		3.79
Bee Branch	Arkansas				.80						1.20		.10								T.						.30	T.	.20	.50			3.10
Benton[2]	Saline				.04	.62						.04										.10					.10	.58	.87	1.45	.05		3.85
Bentonville[1]‡	Arkansas				.91					.14	.29	T.	.01								.08				.01	.05	T.		.59	.05			2.13
Big Lake Outlet †[2]	St. Francis				.05	1.23					.36	.34	.59						T.		.05	.03						.21		.72	T.		3.58
Black Rock[2]	White				.04	1.22					.14	.14	11						T.		T.	.08					T	.04		.92	.10		2 79
Blytheville[2]	St Francis				.37	1.04					.20	.08	.09									.03						.17		.79			2.77
Booneville	Arkansas				.26	09					.20	T.									.07					.13	.19			.81			1 75
Boughton †[2]	Ouachita				.23	.41																				.23	1.16	.49	.52	1.11			4.15
Brinkley	White				.45	.03					.38		.19														.41		.61	1.20	.16		3.43
Calico Rock[2]	White					2.20					.30	.30	.19						.03		.10							.03		.45	.12		3.72
Camden[2]	Ouachita				.05	.28					.13		.07													.12	1.53	.18	.62	2.00	.03		5.01
Clarendon[2]	White				.09	.08					.18	.33	.10									.03					.10	.50	.56	2.10	.15		4.22
Clinton	White				1.42						2.08										.15								T.	.72			4.37
Conway	Arkansas				.34					.41	.29										.37					.06	.10		.87	.97	.11		3.52
Corning[2]	White					2.00						.86	.36						.05		.14							.12		.46			3.99
Cotter[2]	White					2.46						.25	.20																	.41			3.32
Crossett ..[near]	Ouachita				.24																					1.03	.65			1.24			3.16
Danville[2]	Arkansas					.37					.23		T.								.02					.09	.08	.04	.18	.68	.09		1.78
Dardanelle[2]	Arkansas					.41					.37		.08								.08					.07	.05		.29	.72	.08		2.15
De Queen	Red				.20							.07														.83	1.48		.75	.81	.01		4.15
Devils Knob †	Arkansas				1.02	.10					1.71	.21	.05								.13					.04	.04		.04	.50			3.84
Dumas	Mississippi				.12	.09		T		.03																.38	1.01		.25	2.74	.10		4.72
El Dorado[2]	Ouachita				.14	.12							.16									.06					1.10	1.00	.22	2.16	.15		5.11
England	Arkansas				.30					.12	.05		.20													.07	.75		.47	1.30	.04		3.30
Eureka Springs	White				.17	.60					.55															.05	.22		.12	.15			1.86
Fayetteville	White				.24	.01					.72	T.	.02								.19				T.	T.	.12	T	.06	.15			1.51
Fayetteville Exp. S	White				.21	.05					.49	.01									29				.01	T	.19		.08	.19			1.52
Fordyce	Ouachita				.07			T.		.07			13								T.					.36	2.50		.67	1.02	.03	T.	4.85
Fort Smith[1]‡	Arkansas				.18					.01	.05	T									.04				T.	.19	.33		.44	T.			1.24
Fort Smith W. †[2]	Arkansas					1.56					.52															.06				.11			2.25
Fulton[2]	Red				.03	.22			T.		.04		T.									T.				.20	1.98	.12	.90	1.89	T.		5 38
Georgetown[2]	White				.15	.85					.20	.70	.50															.40	,30	.75	.03		3 88
Gilbert[2]	White					1.87					.50		.16								.12								.13	.36	.05		3.19
Glenwood[2]	Ouachita				.11					.11																.08	1.37		1.10	1.13	.12		4.02
Grannis	Red				.42			T.		.06	.03	.05									.02	T			T.	.69	1 66		94	55		T.	4.42
Gravette[2]	Arkansas					.65					.30		.80								.10						.20			.60			2.65
Green Mountain †	White				1.64	.54					.51		.02						.01		.12						.03			.41			3.28
Hankins †‡	Ouachita			.10	.05																					31	1.12		1.20	1.68			4.46
Harrison	White				.78						.61	07	.03								.08					.02	T.		.03	.28			1.90
Helena[2]	Mississippi				.15	.05					.02	.26	.01									.03					.10	1.09	.28	2.06	1.80		5.85
Higden	White				.90	T.					1.48	T.	.10								.07						.34		.19	.61	T.		3.69
Highland	Ouachita				.51																					1.10	1.22		.41	1.10			4.34
Hope ‡‡[2]	Red				.15	.37					.03											.05				.56	1.54		1.27	1.37			5.34
Hot Springs	Ouachita				.12																					.41	.86	T	.25	.95			2.59
Index †[2]	Red				T.	.10																				.50	2.10		.94	1.75	.10		5.49
Irons Fork †‡‡[2]	Ouachita				.24	.60					.10		.10								.03				T.	.27	.35		.22	1.07	.16		3.14
Jessieville	Ouachita				.21	T.					.05	.03														.27	.38		.48	.43			1.85
Jonesboro[2]	White				.02	1.70					.40	.45	.13						.03			.05						.17		.55			3.50
Judsonia[2]	White				.10	1.03					1.09	.04	.04														.13	.28	.32	.60			3.63
Lead Hill	White				.55	.17					.46	.05	T					T.	.01		.03					T.	.02		.18	.24			1.71
Little Rock[1]†	Arkansas			T.	.81	T.				T.	T.	.04									.04					.01	.34		.72	.51			2.47
LittleRock Air'y[1]	Arkansas				1.39						T.		.08								.05					.03	.32		.83	.84	T.		3.54
Lutherville †	Arkansas				3.26						.83	.19															.36		.22	.76			5.62
Madison[2]	St. Francis				.12	T.					.10	1.10	.10									T.						.48	.35	2.25	.28		4.70
Magnolia	Red																								.80	1.40	.70		.50	1.50			4.90
Mammoth Spg[2]	White					3.30					.28	.20	35						T.								.10			.45			4.68
Marianna	St. Francis				.10						.37		.06								.04						.40		.48	1.88	.97		4.30
Marked Tree[2]	St. Francis				.02	.98					1.20	.44	.20					T.										.22	.12	1.18			4.36
Mena[2]	Ouachita				.08	.81				T.	.08		.01									T.			T.	.35	.32	.07	.19	1.16	.08		3.15
Monticello Airway	Ouachita				.16																	.04				.39	1.85		.28	4.04	.16		6.92
Monticello(near. †‡	Ouachita				.10																					.40	1.40		1.15	3.03			6.08
Montongo †	Ouachita			.16	.05	.11				.50																.34	1.39		1.33	2.36			6.24
Morrilton[2]	Arkansas				T.	.23					.53										.07	T.				T.	.25	T.	.42	.43	.15		2.08
Mountainburg	Arkansas				2.01						.62	.19									T.					.09	T.		.06	13			3.10
Mountain Home	White				2.25	.50					50	.15														T.	.08		.08	.45			4.01
Mountain Valley	Ouachita				.10							T.									.10					.20	.70	.60	.40	.85			2.95
Mount Ida	Ouachita				.29	.24																				.24	.67		.52	.55			2.51
Newport[2]	White				01	.83						.46	.08									.01						.15	.04	.52	.02		2.12
Norman[2]	Ouachita				.17					T		T.														.96	.45		.62	.59	.18		2.97
Oden[2]	Ouachita				.31						.03		.15								.01					.40	28	T.	.41	.73			2.32
Okay	Red				.09	.30				.14		.17	.03								T.					1.25	1.20		.68	1.60	.05		5.51
Osceola[2]	Mississippi																		T.		T.	T.						.20		.81	.16		
Ozark[2]	Arkansas					.57					27		T.								.15					.14	.02	T.	.04	.70	.03		1.92
Paragould	St. Francis				.53	.88					.23		.16						.04		.02						.61		T.	.54	.02		3.03
Parkin[2]	St. Francis				.10	.91					.58	1.06	.26								T.	T.						.20	.23	1.33	.13		4.80
Pine Bluff[2]	Arkansas				.04	.17				T			.12									.21					.69	.21	.58	1.72	.02		3.76

Daily precipitation for March, 1939 [continued]

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Pine Ridge[2]	Ouachita					.52							.11													.57			.46	.97			2.63
Plantersville †‡	Ouachita			.08	.04	.05																				.33	1.26		1.22	1.47			4.45
Pocahontas	White				.44	.91					.30								.17								.12			.57	.04		2.55
Portland[2]	Ouachita				.15																						3.20		.10	1.29	1.52		6.26
Prescott[2]	Ouachita				.21	.23					.04															.32	.64	1.07	1.00	1.05	.02		4.58
Rock Springs †	Ouachita			.13	.05	.09				.22																.23	1.21		1.45	1.55			4.93
Rogers (near) †	White				.08	.31					.61										.10						.24		.07	.22			1.63
Rosebud †	Arkansas				.40						1.61	T.															.28		.38	.78	.06		3.51
Ross †‡	Ouachita			.28																						.20	1.35		1.39	1.75			4.97
Russellville ‡‡	Arkansas				.63	.09					.17		.02							.03						.03	T.		.30	.72	.06		2.05
St. Charles[2]	White				.07	T.						.04															.20	.53	.68	2.60	.88		5.00
St. Francis[2]	St. Francis			T.	.07	1.63				T.	.37	.11	.18						.18		.04	.05						.23		.68	.11		3.65
Searcy	White				.03	1.04					.77	.17	.03									.05					.27	.06	.29	.78	.05		3.54
Springbank †[2]	Red				.05	.30			T		T.											T.			T.	.48	.65	.12	.51	.47	T.		2.58
Story[2]	Ouachita				.84	.22				.06															.20		.38		.43				2.13
Stuttgart[2]	Arkansas				.09						.04		.10									.03					.27	.40	.62	1.92	.15		3.62
Stuttgart ‡‡[2]	Arkansas				.07	.02					.06	.04	.03									.02					.28	.40	.61	2.08	.32		3.93
Subiaco	Arkansas				1.16	.16					.09	T.									.05				T.	.04	T.		.70	.83			3.03
Texarkana[2]	Red				.51																					1.10		.80	.46	.98			3.85
Thornburg	Arkansas				.30						T.		.30								.03					.08	.34		.36	.96			2.37
Turnpike †	Arkansas				1.92	.29					1.91	.04	.20								.30					T.	.03		.03	.78			5.50
Underwood †‡	Ouachita			.10	.10																					.39	1.38		1.06	1.52			4.55
Waldron	Arkansas				1.40							.10														.20	.03		1.30	.25	.05		3.33
Warren	Ouachita				.18	T.				.12											.08			.30	1.82		.28		.48	2.12		T.	5.38
Whitecliffs[2]	Red				T	.42					T														.55	1.60	.25		.50	3.60	.10		7.02
White Rock †	Arkansas				1.14						.84	.14	T.								.10					.22	.14		.11	.04			2.73
Wilson[2]	Mississippi				.32						1.10		.09															.20		.60	.92		3.23
Witt Springs	Arkansas				2.98					1.34	.15										T								.05	.55			5.07
Wynne[2]	St. Francis				.15	.90					*	1.30	.37															.79		.37	.97		4.85

Daily temperatures for March, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	48	55	65	65	69	65	59	72	77	76	75	71	68	73	69	55	61	61	72	73	78	81	81	81	78	67	68	70	57	73	76	69.0
	Minimum	28	28	34	28	40	41	27	35	51	56	59	42	30	40	34	27	29	33	33	45	43	43	52	48	54	52	48	47	47	36	36	40.2
Amity	Maximum	..	..	..	..	..	..	..	..	..	..	..	65	72	76	64	58	68	66	75	76	79	85	83	82	67	70	80	69	65	66	78	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	50	31	39	36	32	32	34	32	45	49	44	47	54	55	54	51	50	49	41	39	....
Arkadelphia §§	Maximum	50	60	60	69	81	66	62	77	75	78	74	70	72	75	59	62	66	65	74	73	79	83	83	83	66	67	79	63	70	66	80	70.5
	Minimum	31	30	30	47	49	36	32	35	43	58	57	41	34	38	45	28	32	36	35	42	47	45	45	55	54	53	48	50	52	44	41	42.4
Batesville	Maximum	49	54	58	57	71	63	62	70	74	64	77	74	63	70	67	54	50	56	71	73	73	83	84	80	73	68	67	62	68	61	77	66.9
	Minimum	28	29	31	46	52	40	29	34	50	44	54	50	30	42	33	30	32	30	36	49	43	44	54	49	51	55	54	49	47	43	41	41.9
Bee Branch	Maximum	46	55	55	59	65	65	58	70	74	74	75	74	62	70	70	54	55	55	70	70	73	80	80	80	77	68	68	64	64	60	73	66.5
	Minimum	28	28	31	48	49	40	28	34	48	50	57	45	32	38	31	27	32	30	33	47	46	43	50	54	48	55	55	48	48	40	40	41.4
Benton §§	Maximum	47	55	59	69	72	61	60	75	79	73	79	65	69	75	57	56	62	71	72	72	77	81	82	82	69	67	73	55	65	62	75	68.3
	Minimum	27	27	27	27	49	32	27	27	32	51	60	45	29	30	41	25	24	31	28	39	42	40	41	42	46	53	46	47	48	43	35	37.5
Bentonville ***	Maximum	46	53	57	58	57	51	58	71	72	68	70	55	70	75	45	49	47	59	71	71	76	79	79	77	71	71	67	56	47	55	73	63.0
	Minimum	22	29	35	48	42	32	33	41	52	56	44	38	32	36	23	26	27	25	43	50	44	44	57	57	55	51	50	45	39	37	46	40.6
Blytheville	Maximum	44	50	60	64	74	58	61	71	70	69	67	54	63	69	60	49	50	54	59	62	73	73	83	84	80	68	60	59	62	56	75	63.9
	Minimum	30	28	31	44	55	36	40	40	48	44	44	45	34	41	40	30	34	29	35	46	39	43	42	42	50	55	52	44	49	43	43	41.2
Booneville	Maximum	50	58	60	59	69	61	61	76	79	76	75	70	71	75	72	58	64	66	76	78	80	84	81	83	76	77	73	70	51	62	79	70.0
	Minimum	27	24	35	51	45	38	28	38	50	51	62	42	31	46	30	26	35	36	37	51	51	47	48	55	55	51	54	51	46	40	37	42.5
Brinkley	Maximum	48	52	59	70	73	68	61	74	79	72	80	76	68	72	67	55	60	59	72	69	75	84	85	81	79	67	70	62	64	62	75	69.0
	Minimum	33	34	31	50	63	40	32	38	53	51	61	48	35	41	41	32	32	35	35	51	46	43	47	53	52	53	50	47	51	46	42	44.1
Camden	Maximum	54	57	61	73	74	73	64	75	74	81	82	84	71	71	75	59	67	73	70	75	80	84	84	83	78	69	69	82	72	65	73	72.6
	Minimum	36	33	37	57	53	46	38	39	54	54	55	48	36	37	40	32	32	34	38	44	49	47	47	56	55	52	50	53	54	46	46	45 1
Conway	Maximum	51	56	61	67	73	62	62	76	81	72	80	72	67	76	70	59	60	61	74	74	75	84	85	84	75	69	74	67	62	63	81	70.1
	Minimum	31	28	33	50	56	38	29	36	49	53	61	47	34	40	38	29	33	34	37	50	45	44	48	64	53	56	57	50	51	45	38	43.8
Corning	Maximum	46	53	60	52	72	63	60	71	66	62	79	74	62	72	65	54	47	56	79	68	73	86	88	84	77	71	65	57	63	54	76	66.3
	Minimum	29	25	29	45	50	38	29	37	48	42	54	42	39	39	34	28	25	25	34	47	37	43	48	51	51	56	49	43	45	41	41	40.1
Crossett	Maximum	55	68	66	80	76	68	62	78	82	84	84	76	71	72	70	60	67	64	73	76	80	83	85	79	72	70	80	82	77	64	78	73.6
	Minimum	28	30	26	49	56	58	29	33	52	50	63	48	31	32	33	28	25	38	29	35	45	41	41	51	50	51	50	47	60	47	35	41.6
Dardanelle	Maximum	50	55	61	57	70	60	62	75	78	76	79	74	69	76	72	60	60	64	75	75	75	85	84	85	77	71	75	70	59	62	80	70.0
	Minimum	30	28	35	50	50	39	30	37	50	58	61	45	33	41	35	30	36	36	39	51	47	47	51	56	55	56	55	51	49	43	39	44.0
De Queen	Maximum	52	57	61	68	73	65	57	75	72	76	78	71	71	75	70	61	65	67	73	75	77	83	82	80	75	72	76	73	68	64	76	70.6
	Minimum	28	23	32	49	45	40	27	33	55	61	58	44	30	38	37	26	30	37	34	42	50	47	46	55	55	55	48	54	50	43	38	42.3
Devils Knob	Maximum	45	48	50	53	61	53	53	64	69	65	62	59	58	63	60	48	48	54	66	69	73	76	74	74	67	67	73	58	50	54	72	60.8
	Minimum	21	27	32	44	44	31	38	40	55	57	56	36	40	45	22	26	30	31	40	48	42	58	61	59	50	51	50	46	44	33	43	41.9
Dumas	Maximum	48	54	60	74	73	66	60	77	77	80	85	75	72	76	60	56	63	63	75	76	79	85	88	86	76	66	77	72	69	62	75	71.1
	Minimum	36	30	33	45	59	43	34	40	55	60	63	50	37	44	38	32	33	35	35	46	48	43	47	55	55	53	53	53	57	47	44	45.3
El Dorado	Maximum	48	57	62	76	74	66	65	77	74	81	82	78	73	73	71	60	66	67	74	75	80	84	84	80	71	72	81	79	74	65	76	72.4
	Minimum	36	31	35	51	60	48	38	36	60	63	65	50	38	45	52	35	34	39	43	48	50	51	50	60	54	56	53	56	59	48	45	48.0
England	Maximum	48	54	57	72	76	69	60	74	78	75	80	77	76	74	70	64	55	69	59	73	80	82	85	81	72	73	71	67	68	73	77	70.6
	Minimum	32	30	32	50	52	38	33	38	52	54	69	46	37	35	40	34	35	33	36	35	41	44	47	53	53	54	51	48	51	41	44	43.2
Eureka Springs	Maximum	46	53	59	60	60	54	59	71	70	64	70	66	69	74	54	51	48	58	71	72	77	79	80	77	72	69	66	61	48	56	72	64.1
	Minimum	22	25	35	45	46	32	34	42	52	51	62	37	34	50	22	24	33	47	44	52	43	51	60	58	56	52	49	45	43	37	46	42.9
Fayetteville	Maximum	48	54	58	56	62	55	60	71	76	70	70	67	70	75	71	51	54	60	71	72	76	82	81	78	75	74	67	65	55	58	76	66.4
	Minimum	25	27	34	48	45	33	28	42	53	59	62	38	30	49	24	27	34	25	41	51	41	43	51	53	56	53	51	51	44	37	46	42.0
Fayetteville Exp. S	Maximum	46	52	56	57	61	56	57	69	72	70	67	67	67	71	70	49	52	59	71	70	75	77	77	76	73	70	66	65	51	56	73	64.5
	Minimum	25	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42.2
Fordyce	Maximum	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.4
	Minimum	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.7
Fort Smith ***	Maximum	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.5
	Minimum	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.2
Gilbert §§	Maximum	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.9
	Minimum	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.4
Grannis	Maximum	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.3
	Minimum	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.8
Gravette §§	Maximum	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.9
	Minimum	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.3
Green Mountain	Maximum	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.5
	Minimum	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.4
Harrison	Maximum	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.9
	Minimum	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.0
Helena	Maximum	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.5
	Minimum	33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.6
Highland	Maximum	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.6
	Minimum	31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.4
Hope §§ ‡‡	Maximum	36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.6
	Minimum	33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.2

Daily temperatures for March, 1939, continued

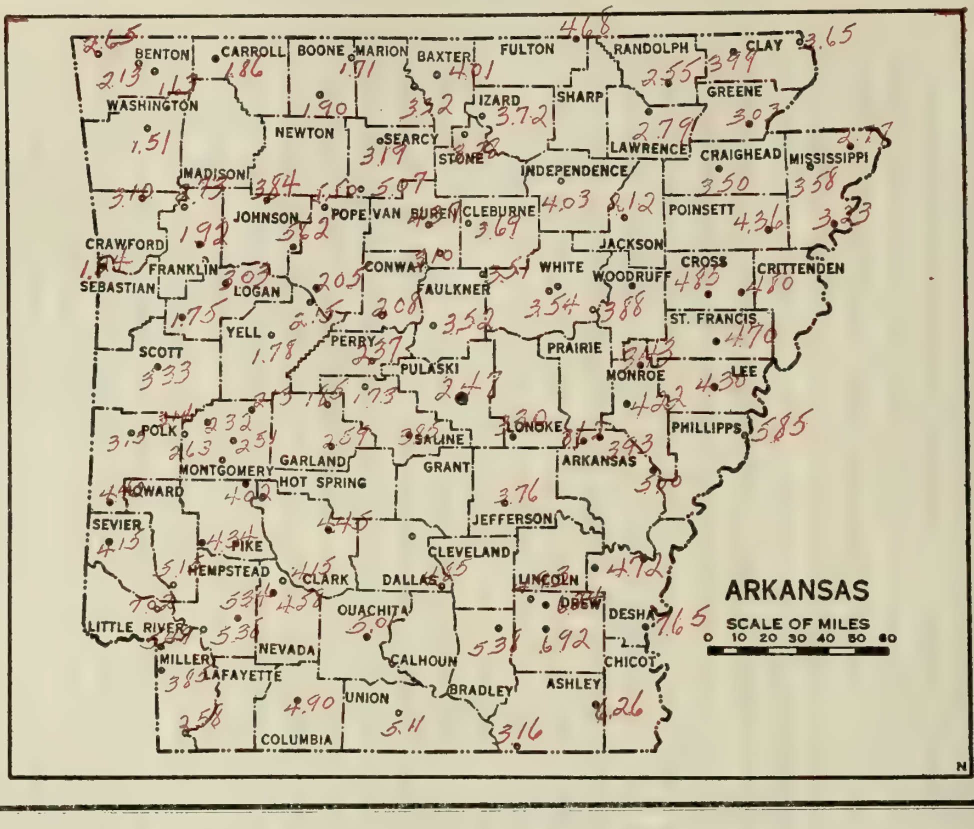
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hot Springs........	Maximum	49	55	57	65	71	64	58	74	77	72	76	73	74	73	69	58	61	62	72	72	76	82	80	81	75	67	73	68	62	63	75	68.8
	Minimum	30	30	32	50	52	38	33	38	55	61	62	45	50	34	38	30	35	35	39	49	50	49	51	58	52	55	52	50	48	49	42	44.9
Irons Fork.....§§‡‡	Maximum	50	57	57	..	70	58	54	72	75	71	72	..	71	72	50	56	62	..	71	73	76	80	78	78	..	69	74	60	54	62	75	66.6
	Minimum	26	20	27	38	..	35	24	37	50	62	61	..	27	37	30	21	28	29	30	.	43	42	43	48	51	..	45	51	47	38	33	37.9
Jonesboro	Maximum	44	54	61	64	71	65	61	72	70	62	78	73	64	71	66	53	53	53	70	71	73	84	87	83	77	68	63	57	64	61	76	66.7
	Minimum	29	28	31	45	53	39	31	36	50	43	52	43	33	38	34	30	36	30	36	49	41	49	55	53	49	55	51	44	46	42	43	41.7
Lead Hill..........	Maximum	43	48	55	56	57	57	55	68	68	64	77	65	68	70	69	45	45	46	65	75	75	83	80	71	78	74	64	63	49	58	79	63.5
	Minimum	21	24	28	43	44	32	22	34	40	44	49	38	24	32	26	19	31	22	29	46	33	33	41	45	45	50	50	44	44	38	33	35.6
Little Rock..•••	Maximum	45	51	58	69	71	58	58	73	75	73	78	69	64	74	54	54	55	57	71	70	72	81	82	81	69	65	69	55	61	61	76	66.1
	Minimum	32	32	39	50	54	43	38	45	56	52	62	46	42	46	39	37	38	37	39	48	50	53	57	60	57	56	55	49	50	45	43	46.8
Little Rock........ [Airway]	Maximum	48	54	60	70	74	62	60	75	78	75	78	77	65	75	69	56	57	57	74	73	73	84	84	82	75	68	72	64	65	63	79	69.2
	Minimum	33	32	33	50	58	41	33	39	51	57	61	47	36	42	41	32	34	36	33	49	47	44	48	54	55	55	54	49	52	46	43	44.7
Lutherville........	Maximum	49	54	57	56	65	58	60	73	77	70	74	70	65	73	66	56	56	61	74	74	75	80	80	81	75	72	75	65	55	56	75	67.0
	Minimum	28	29	32	48	48	39	30	38	52	56	58	42	33	43	30	30	36	31	36	49	47	49	54	57	54	54	53	49	48	40	41	43.0
Magnolia..........	Maximum	52	53	63	73	75	75	63	76	77	80	81	76	72	..	60	60	66	66	73	76	80	84	84	80	79	75	80	80	76	78	78	73.0
	Minimum	36	31	35	51	56	45	37	40	60	64	64	48	41	..	..	32	33	40	40	49	52	52	53	58	57	55	51	57	50	48	37	47.3
Mammoth Spring.	Maximum	47	53	60	53	71	63	61	72	68	65	77	73	66	72	66	52	47	54	72	75	74	86	85	82	77	68	65	60	64	57	72	66.4
	Minimum	25	24	29	48	48	33	24	32	42	42	52	42	28	32	30	25	34	21	31	51	38	37	43	50	47	53	50	47	44	40	34	37 9
Marianna...	Maximum	48	51	57	70	..	74	73	..	75	72	79	76	..	72	67	52	54	52	68	68	69	81	84	81	77	68	68	62	64	61	74	67.8
	Minimum	35	33	38	50	..	46	36	..	51	53	62	..	42	45	43	38	35	39	38	..	50	46	53	56	56	53	53	49	54	47	45	46.1
Marked Tree....§§	Maximum	45	50	58	69	74	57	62	70	73	65	76	55	62	70	53	52	54	62	69	67	71	84	87	85	78	65	60	57	62	58	75	65.3
	Minimum	30	29	29	32	37	37	32	38	46	45	46	47	34	40	37	31	34	31	34	36	42	44	46	52	50	55	52	44	44	42	41	39.9
Mena..............	Maximum	50	57	59	63	70	60	56	73	73	70	75	66	73	74	65	57	63	65	72	74	77	80	73	81	70	73	77	67	57	63	76	68.0
	Minimum	31	30	31	48	45	40	29	41	59	63	61	41	33	46	31	29	35	35	39	51	48	54	49	56	55	54	52	52	46	39	42	44.0
Monticello.	Maximum	49	52	57	75	74	67	60	74	68	75	82	76	66	72	60	53	48	62	68	72	75	80	85	79	72	69	76	75	68	60	70	68.4
	Minimum	36	33	35	48	60	48	36	41	50	50	60	50	39	40	50	39	33	38	43	47	50	54	53	58	58	46	54	53	54	48	46	46.8
Morrilton ....§§	Maximum	62	62	61	70	69	68	68	73	78	78	76	77	76	74	74	73	58	64	73	74	74	81	83	82	72	68	72	55	59	60	78	70.7
	Minimum	28	26	27	35	48	38	28	32	38	47	54	46	32	33	35	27	29	35	35	51	44	43	48	51	55	56	54	50	50	44	39	40.6
Mountain Home...	Maximum	48	56	61	52	70	62	66	73	68	65	76	66	70	72	68	55	50	56	74	74	80	85	83	83	77	73	65	60	59	59	73	67.1
	Minimum	25	26	32	47	47	36	28	38	50	43	55	39	28	40	28	28	32	23	35	53	41	43	51	55	52	54	52	45	45	40	40	40.4
Mt. Ida............	Maximum	51	58	60	68	72	62	58	75	78	77	77	70	72	75	68	60	65	67	74	76	79	83	82	82	76	74	76	68	58	66	77	70.5
	Minimum	24	20	26	49	42	32	23	31	54	60	63	42	25	32	34	22	26	27	28	52	40	39	42	50	52	54	45	50	47	41	32	38.8
Newport...........	Maximum	47	51	59	61	72	65	61	71	76	66	76	75	64	70	67	51	50	56	70	67	72	85	86	83	74	69	66	63	68	63	77	67.1
	Minimum	30	30	33	48	55	42	33	40	50	46	54	46	37	45	36	34	38	32	38	54	43	44	49	53	50	57	52	47	49	43	43	43.6
Oden......... ..•••	Maximum	53	56	57	63	71	58	58	75	75	75	76	63	73	75	53	58	64	65	73	75	77	80	79	81	68	74	75	55	57	63	75	67.7
	Minimum	45	27	45	42	45	43	27	37	60	63	63	42	30	39	32	28	32	33	32	57	50	46	47	54	58	55	53	51	50	42	42	44.2
Okay..............	Maximum	56	55	66	70	70	68	65	76	76	77	76	74	72	75	74	62	66	66	70	74	79	83	83	81	79	71	76	76	66	63	76	71.6
	Minimum	33	30	33	33	43	41	35	38	57	52	61	47	33	42	42	29	34	39	38	36	53	48	49	58	56	55	50	54	54	45	45	44.0
Ozark..............	Maximum	51	53	60	56	65	58	60	73	76	72	74	69	68	76	70	62	58	65	76	76	76	81	88	82	81	70	72	67	55	60	76	68.6
	Minimum	27	26	35	50	45	38	30	37	50	60	60	60	30	42	30	30	31	58	62	47	45	46	48	52	51	52	52	50	48	41	37	44.2
Paragould........ .	Maximum	44	47	57	58	68	63	59	67	67	62	75	71	58	69	64	52	50	50	66	66	67	79	82	79	76	67	63	58	62	62	72	63.9
	Minimum	29	28	30	46	52	41	30	35	48	44	54	44	32	36	37	31	35	30	33	50	40	45	51	51	48	57	52	44	47	43	42	41.5
Pine Bluff.........	Maximum	47	54	61	73	76	67	60	76	79	76	81	79	69	75	69	56	62	62	74	72	77	83	85	86	78	67	75	66	66	63	76	70 6
	Minimum	35	32	32	51	61	45	37	40	58	62	62	48	39	45	39	33	36	34	36	53	50	47	50	51	52	55	54	51	54	47	46	46.3
Pocahontas.......	Maximum	47	52	59	55	70	68	61	68	71	65	76	75	62	69	66	53	51	55	68	72	70	81	85	81	77	73	65	59	67	64	75	66.5
	Minimum	22	27	30	46	49	39	28	33	41	44	53	44	31	36	33	28	35	25	36	48	41	41	48	50	47	56	52	45	46	42	41	39.9
Portland..........	Maximum	50	54	63	78	75	62	70	78	75	81	83	78	68	75	68	55	64	62	73	77	78	82	87	85	75	68	76	76	75	65	74	71.9
	Minimum	33	33	33	49	62	33	47	40	54	58	63	48	36	38	48	33	30	37	32	41	49	45	45	55	53	52	50	53	56	46	42	45.0
Prescott............	Maximum	53	57	62	73	73	73	63	77	75	78	80	77	72	75	69	60	66	65	74	75	80	84	83	82	79	70	79	75	66	64	78	72.2
	Minimum	35	31	32	51	54	43	36	38	56	62	60	47	37	46	42	33	35	37	37	49	52	50	52	58	56	55	53	53	55	46	45	46.3
Rogers	Maximum	46	54	59	57	60	56	59	71	72	71	69	68	72	75	72	52	52	61	72	72	77	80	81	79	75	70	67	66	50	57	75	66.0
	Minimum	22	25	33	47	44	32	26	39	53	53	63	39	27	50	23	22	31	26	38	50	42	40	47	52	53	53	50	47	44	37	46	40.5
Russellville......‡‡	Maximum	52	54	60	58	71	65	62	74	79	77	76	75	69	75	73	59	59	63	75	77	75	80	84	84	81	73	75	71	58	61	80	70.2
	Minimum	28	27	33	49	52	39	29	34	47	58	56	45	33	38	34	29	34	34	35	46	47	46	45	55	51	56	53	50	49	43	38	42.4
St. Charles ......§§	Maximum	47	52	59	74	72	61	60	73	76	74	81	62	66	72	54	53	60	59	71	70	75	83	84	83	75	65	73	62	66	56	74	67.5
	Minimum	34	31	35	43	53	44	36	43	52	57	61	48	41	45	48	38	37	38	42	49	50	44	50	54	59	56	52	49	50	47	44	46.1
Searcy	Maximum	48	55	59	65	74	63	63	73	80	61	79	74	68	73	68	56	58	57	72	69	72	84	84	83	74	68	65	65	69	60	77	68.3
	Minimum	30	30	33	43	55	36	29	37	48	47	54	47	34	37	35	28	33	33	32	47	44	43	48	53	49	55	54	47	49	44	40	41.9
Stuttgart	Maximum	47	52	59	72	81	66	60	75	78	78	81	76	66	74	64	58	60	59	74	70	75	81	84	82	74	65	73	65	68	68	77	69.7
	Minimum	39	30	31	49	60	41	33	37	53	57	62	42	36	40	41	37	34	37	35	44	47	45	48	53	52	52	51	48	51	44	41	44.2
Stuttgart . ....‡‡§§	Maximum	47	52	59	74	74	60	59	74	78	73	79	62	67	73	55	53	59	66	72	69	75	82	84	82	74	67	73	61	63	58	74	67.7
	Minimum	34	32	34	38	50	42	32	36	42	56	61	48	36	44	46	34	33	38	36	45	48	42	47	53	53	54	52	49	50	42	44	43.6
Subiaco	Maximum	52	56	60	61	71	61	62	75	79	76	77	73	70	77	73	57	60	64	75	77	76	83	81	83	76	76	74	72	55	58	76	69.9
	Minimum	27	28	37	48	51	38	30	36	50	60	60	41	31	42	30	31	36	34	36	49	47	48	52	56	54	52	54	49	46	40	40	43.0
Texarkana	Maximum	50	59	60	68	75	66	61	77	78	78	80	75	72	74	69	64	68	68	74	77	81	72	71	81	71	66	79	77	70	65	80	71.2
	Minimum	35	30	35	51	54	42	38	38	60	61	62	47	37	49	42	32	36	40	43	50	52	58	59	58	55	56	52	50	56	44	45	47.3
Thornburg	Maximum	50	55	59	67	72	60	59	73	79	71	76	71	69	73	67	57	60	60	73	73	77	83	83	81	72	70	75	61	57	68	78	68.7
	Minimum	26	20	30	48	49	40	22	31	47	60	60	45	26	34	34	21	26	28	41	50	36	38	46	49	58	52	49	49	49	42	33	40.0
Turnpike..........	Maximum	43	51	53	54	62	54	54	66	70	65	66	62	62	67	61	48	51	55	67	69	71	76	75	76	68	68	64	59	56	54	69	61.8
	Minimum	21	25	32	44	47	34	38	41	55	56	57	36	39	47	25	28	30	27	40	47	45	58	61	60	52	51	50	45	43	34	43	42.3
Waldron	Maximum	50	56	60	64	..	..	61	75	79	83	76	76	73	75	.	57	64	65	73	76	..	83	82	83	80	..	71	68	..	62	78	70.8
	Minimum	28	24	35	51	..	..	28	38	53	60	64	40	30	..	31	25	34	35	33	53	44	..	45	53	57	..	52	..	46	40	37	41.4
Warren	Maximum	51	55	63	73	76	70	60	76	70	78	82	77	71	74	69	68	65	68	72	78	84	83	76	66	76	77	76	78	69	61	73	71.5
	Minimum	35	30	30	51	55	45	34	40	58	60	62	49	39	41	50	33	31	38	38	50	50	47	56	53	51	52	52	51	56	46	42	46.0
White Rock.......	Maximum	46	47	53	55	61	51	55	66	70	66	62	63	60	69	66	49	53	58	68	70	70	76	75	76	71	67	67	65	54	57	71	62.5
	Minimum	23	29	33	44	43	30	38	40	56	58	56	34	41	48	21	30	31	33	42	49	49	57	60	58	50	50	49	46	39	32	43	42.3
Wilson	Maximum	50	48	57	65	72	72	60	69	72	66	76	72	61	68	65	51	49	49	65	62	72	80	85	80	84	70	71	57	62	66	72	66.1
	Minimum	31	33	40	42	38	43	45	40	47	46	46	46	34	41	34	30	39	36	41	46	46	53	52	50	54	55	52	45	49	44	45	43.3
Wynne	Maximum	59	50	57	69	73	64	65	72	77	69	67	87	63	71	65	52	55	52	70	73	72	87	85	84	76	78	63	59	62	60	76	68.1
	Minimum	30	29	33	54	62	38	30	40	49	47	52	48	33	45	39	38	32	31	47	48	43	45	48	54	54	54	47	45	51	44	43	43.6

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope..........§§.. [Exp. Farm]	Evap.	.124	.102	.104	.130	184	.254	.195	.063	.110	.024	123	.323	.180	139	.203	.216	.142	.154	.168	.088	.207	.123	.054	.248	.154	. .	.057	.358	....	.118	.140	4.966
	Mean tem.	34	32	44	52	62	53	44	48	51	68	70	56	42	53	49	46	49	52	56	61	65	65	64	68	60	55	64	62	58	55	60	54.9
	Wind move	101	65	25	43	93	59	42	15	48	6	61	208	43	14	70	79	38	39	20	59	18	11	7	10	36	23	31	39	69	47	46	1465
Irons Fork .....§§ [Exp. Forest]	Evap.	.039	.083	.109	.075	*	.207	.138	.104	.097	.052	.068	*	.258	.152	.176	.132	.110	.117	*	.308	.088	.125	.114	.089	.219	*	.095	.078	.090	.040	.110	3.273
	Mean tem.	38	38	42	....	....	46	39	54	62	66	66	....	49	54	40	38	45	....	50	....	60	61	60	53	....	....	60	56	50	50	54	52.2
	Wind move	4	7	7	10	*	28	11	65	22	20	43	*	76	14	58	25	10	10	*	57	12	7	8	6	28	*	25	19	20	24	11	627
Russellville .... [Ozark Nursery]	Evap.	.078	.078	.106	.056	.182	.224	.112	.126	.122	.066	.090	.264	.108	.124	.240	.166	.110	.140	.202	.100	.166	.138	.118	.174	.142	.104	.116	.146	.008	.052	140	3.998
	Mean tem.	40	40	46	54	62	52	46	54	63	68	66	60	51	56	54	44	46	48	55	62	61	63	64	70	66	64	64	60	54	52	59	56.3
	Wind move	41	26	33	31	85	87	34	42	12	50	90	130	19	27	119	35	20	35	35	35	30	9	7	23	42	34	22	50	64	90	42	1399
Stuttgart .....§§.. [Rice Exp. Farm]	Evap.	.127	.084	.072	.078	.073	.200	.120	.084	.133	.056	.052	.268	.119	.116	.212	.146	.104	.125	.144	.170	.059	.121	.146	.162	.164	.085	.033	.116	..	.061	.048	3.523
	Mean tem.	40	42	46	56	62	51	46	55	60	64	70	55	52	58	50	41	46	52	54	57	62	62	66	68	64	60	62	55	56	50	59	55.6
	Wind move	169	100	37	135	194	82	46	53	75	38	101	301	98	34	164	80	40	83	74	92	59	26	30	30	38	138	44	92	118	92	57	2720

Precipitation for March, 1939



Daily River Stages for March, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	..Arkansas	22	9.8	9.0	7.8	7.3	8.0	7.7	7 7	7.7	7.2	6.8	6.7	6.8	6.7	6.3	6 5	6.2	6.1	5.9	5.9	5 8	5.7	5.7	5 7	5.5	5.4	5.3	5.3	5.4	5.6	5.7
Van Buren ...	.... do	22	9.8	9.2	7.8	6.8	8.2	7.8	7.5	7.2	6.5	6.0	5.8	5.8	5.8	5.4	5.4	5.3	5.2	5.0	4.7	4.8	4.8	4.7	4.7	4.5	4.4	4.4	4 3	4.4	4.6	4.7
Danville	.Petit Jean.	20	21.8	20.3	17.9	14.9	17.1	21.7	22.0	20.3	17.2	13.8	11 4	10.3	8.8	7.5	6.7	6.1	5.6	5.3	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4 1	4.0	4.0	4.5	10.1
Ozark	..Arkansas.	22	5.8	5.4	5.1	4.6	4.3	4 7	3.7	3.7	3.3	2.6	3.0	2.7	2.7	2.4	2.0	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.9	0.9	0.8	0.7	0 6	0.5	0.9	0.9
Dardanelle....	......do	22	10.2	9.8	9.3	8.3	11.2	10.0	9.0	8.0	7 7	7.0	9.0	7.8	7.0	6.6	6.0	5.6	5.3	4 9	4.6	4.4	4.2	4.1	3.9	3.8	3.6	3.4	3.3	3.4	3.2	4.4
Morrilton	.... .do	20	8.5	8.2	7.7	7.0	7.0	6.6	7.2	6.2	5.4	5 0	5.4	5.4	4.8	4.1	3.4	2.8	2.2	1 6	1.2	0.8	0.4	0.2	0.0	0.0	-0 4	-0.6	-0.7	-0.8	-0.8	0.1
Little Rock.	.... .do	23	10.6	10 4	9.8	9.1	8.2	9.0	9.2	8.3	7.2	6 7	6.3	7.1	6.8	6.1	5.4	4.8	4.3	3.8	3.4	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.8	1.8	1 8	1.9
Pine Bluff	......do	25	14.8	14.5	13.8	13.5	12 7	12.0	13.2	12.8	11.7	10.7	10.4	9.9	10.4	10.1	9.3	8.6	7.8	7.4	6.8	6.8	6.1	5.8	5 8	5.5	5.3	5.1	5.0	4.9	5.1	5 2
Gilbert	..Buffalo...	30	7.6	6.6	6.1	5.7	12.4	7.7	6 5	6.1	5.8	5.6	8.5	7.4	6.9	6 6	5.9	5.6	5.0	4.8	4.7	4.7	4.4	4.4	4.3	4 3	4.2	4.1	4 1	4 0	3.9	4.0
Doniphan, Mo.	..Current ..	10	5.4	5.4	6.9	11.6	10.8	10.0	9.1	8 9	8.1	7.6	6.9	5.5	5.0	5.0	5.0	4 9	4.9	4.8	4.5	4.3	4.2	4.2	4.1	3.9	3.5	3.6	3.6	3.6	3 3	3.1
Black Rock...	...Black...	14	17.6	17.3	16 7	16.4	19.2	23.6	23.2	21.8	21.1	20.8	21.0	21.2	21.2	21.0	20.8	20.4	19.9	19.6	18.3	17.3	16.5	15.9	14.9	14.0	12.9	11.8	10.8	9.9	9.1	8.8
Judsonia.	Little Red...	30	29.7	28.5	27.2	26.7	26.8	28.6	28.7	28.2	27.1	27.2	28.4	31.1	29.2	28.0	27.4	26.8	26.3	25.8	25.4	25.0	24.5	24.0	23.0	23.1	22.8	22.3	21.8	21.3	20.8	20.5
OzarkBeachMo	...White...	30	8.4	8.0	7.4	6.4	6.6	7.3	7.6	7.0	6.0	5.5	5.0	5.0	6.8	6.0	5.4	5.0	4.7	4.5	2.7	2.4	1.8	2.0	2.4	0.5	0.8	1.9	0.8	1.0	0.7	0.6
Cotter	. .do	21	9.2	10.0	9.0	7.8	9.0	9.8	9.5	9.2	8.5	8.0	7.3	7.3	7.1	7.0	6.8	6.8	6.8	6.4	6.0	5.7	5 0	4.8	4.5	4.5	4 5	4.3	4.3	4.2	4.2	4.2
Calico Rock...	......do .. .	18	12.7	11.2	9.9	9.1	17.8	13.8	11.2	9 8	9.2	8.0	8.3	8.8	8.0	7.8	7.5	6.8	6.1	5.6	5.2	4.9	3.9	4.2	3.8	3.7	3.6	3.2	3.1	3.2	2.7	2.7
Batesville	......do	23	19.1	19.5	17.8	16.5	22.5	24.1	20.5	17.9	16.7	15.8	16.0	16.3	15.5	14.5	14.6	13.7	12.8	12.2	11.6	11.1	10.6	9.4	9 8	9.6	9.3	9.1	9.0	8 5	9.2	9.0
Newport.	......do	26	23.2	23.8	23.9	23.5	23.5	25.2	26.0	25.9	25.4	25.3	25.4	25.0	24.5	23.9	23 3	22.8	22.0	21.3	20.5	19.8	19.1	18.3	17.4	16.7	16.0	15.1	14.1	12.9	11.7	11.1
Georgetown ..	......do	21	24.2	24.2	24.0	23.9	23 8	23.8	24.0	24.1	24.1	24.2	24.4	24.6	24.8	24.7	24.5	24.2	23.9	23.5	23.2	22.9	22.6	22.3	22.0	21.7	21.4	21.0	20.7	20.3	19.9	19 3
Clarendon	......do	26	29.2	29.3	29.5	29.6	29.7	29.8	29.8	29.7	29.6	29.6	29.6	29.6	29.7	29.7	29.8	29.8	29.8	29.7	29.6	29.5	29.3	29.1	28 9	28.6	28.3	28.0	27.8	27.6	27.5	27 3
St Charles	......do	25	27.4	27.5	27.7	27.9	28.0	28.1	28.3	28 3	28.3	28.3	28.3	28.2	28.2	28.1	28.1	28.2	28.2	28.2	28.1	28.1	28.1	28.0	27.8	27.6	27.5	27.4	27.3	27.2	27.2	27.2
Arkadelphia ..	.Ouachita..	17	14.0	13.3	11.5	10.3	10.6	8.8	8.6	8.7	8.5	8.3	8.2	7.9	7.6	7.8	7.7	7.6	7.5	7.4	6.6	4.9	7.0	7 1	6 2	5.8	5.3	4 8	6.2	7.1	14.4	12.0
Boughton......	Little Mo...	20	18.0	18.9	14 9	12.2	11.4	11.6	10.4	9.1	8 3	7.9	7.8	7.6	7.3	6.8	6.4	6.2	6.0	6.0	5.6	5.6	5.4	5.4	5.2	5.2	5.0	5.6	11.4	14.8	16.3	17.6
Camden	.Ouachita ..	26	33.5	34.4	34.6	34.1	33.0	32.0	30.6	29.6	27.4	25.4	23.0	20.8	19.2	17.7	16.6	15.5	14.6	12.7	13.6	11.6	10.4	9.1	9.7	9.3	8 6	8.5	9.6	13.6	18.7	22.6
Benton	Saline	20	10.9	9.4	8.6	8.1	8.3	8.0	4.4	7.1	6.9	6.8	6.7	8 2	6.3	6.2	6.1	5.8	5.8	5.7	5.6	5.6	5.6	5.5	5.4	5.4	5.4	5.5	5.8	6.2	8.2	8.8
Whitecliffs	Little River	25	25.8	25.5	24.9	24.1	22.0	20.4	20.2	18.9	16.3	14 0	10.0	7.4	6.8	6.0	5.3	4.3	4.2	4.0	3.9	3.9	3 7	3.7	2.8	2.8	2.8	3.9	9.0	16.9	20.8	23.0
Index	....Red.....	25	15.2	13.8	12.2	11.2	10.6	9.9	9.6	9.2	8.9	8.7	8.2	8.1	8.0	8.9	8.4	7 7	7.5	7.3	7.2	7 2	7.1	7.0	7.0	6.8	6.7	7.1	8.4	10.3	12.0	15.0
Fulton.........	... ..do.....	25	20.9	20.1	19.2	18.3	17.4	16.6	15.6	14.7	13.6	12.4	11.1	9.7	8.9	8.4	8.0	7.5	7.3	7.1	6.9	6.6	6.4	6.2	6.1	6.0	5.9	6.6	8.5	11.4	14.0	17.3
Big Lake Outl't	St. Francis.	10	14.8	15.0	15.1	15.1	15.2	15.4	15.8	16.2	16.4	16.6	16.6	16.6	16.5	16.3	16.1	15.9	15.7	15.4	15.1	14.9	14.6	14.3	14.2	13.8	13.5	13.2	12.9	12.6	12.4	12.1
St. Francis...	.... do	18	18.7	18.3	18.2	18.6	20.0	20.9	21.5	21.9	21.9	22.2	22.4	22.2	21.7	21.1	20.9	20.8	20 8	20.6	20.1	19 8	19.3	18.9	18.3	17.5	16 3	14.4	12.9	11.9	11.3	10.9
St. Francis L.L.	......do	..	26.1	26.1	26.1	26.0	26.1	26.1	26.2	26.2	26.3	26.4	26.5	26.7	26.8	27.0	27.1	27.2	27.3	27.3	27.2	27.2	27.0	26.9	26.7	26.5	26.4	26.2	26.0	25.8	25.7	25.5
Marked Tree .	......do .. .	17	8.1	8.0	7.8	7.5	7.8	7.9	8.0	7.6	7.3	7.1	7.7	7.6	7.3	7.1	6 9	6.7	6.5	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.8	4.8
Parkin	.. ..do	28	25.4	25.6	25.6	25.6	25.7	25.6	25.6	25.5	25.3	25.1	25.5	25.6	25.5	25.4	25.3	25.2	25.1	25.0	25.0	25.0	25.1	25.1	25.1	25.1	25.0	24.9	24.8	24.7	24.7	24.7
Madison.......	... do	32	30.5	30.7	30 8	30 9	31.0	30.9	30.8	30.8	30.7	30.5	30.5	30.5	30.6	30.5	30.5	30 4	30.2	30.2	30.2	30.2	30.3	30.4	30.5	30.6	30.7	30 7	30.8	30.7	31.1	30.8
Helena	Mississippi .	42	47.5	47.6	47.7	47.7	47.5	47.4	47.3	47.0	46.9	46.7	46.7	46 7	46.6	46.6	46.6	46.5	46.6	46.7	46 7	47 0	47.3	47 6	47.8	48.0	48.2	48.2	48.2	48.1	47.9	47.6
Arkansas City.	......do	42	37.1	37.4	37.7	38.0	38.0	37.9	37.9	37.9	37.9	37.8	37.7	37.6	37.8	37.8	37.9	37.8	37.8	37.7	37 6	37.8	37.9	38.0	38.2	38 4	38.6	38.8	39.0	38.8	38.8	39.0

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year perio for stations with 10 to 14 years the means are for the period to 1965. inclusive §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Po office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a, b, c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation r corded is for the 24 hours ending at time of observation. [1] Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Precip tation is measured in the morning; amount then recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measu ment. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manill Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Irons Fo Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cas Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§The mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station.

Weather Bureau Office, Little Rock, Ark. 5-4-39-1150

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

ol. XLIV LITTLE ROCK, ARK., APRIL, 1939 No. 4

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GENERAL SUMMARY

The mean temperature for April, based on the reports of 73 ations, was 59.3°, which is 2.1° below the 49-year average. onthly means ranged from 53.6° at Lead Hill to 64.2° at agnolia. The highest temperature during the month was 1° reported at Amity and Prescott on the 26th. The lowest mperature was 19° at Lead Hill on the 7th. Killing frost or eezing temperatures were recorded at most northern and west- n stations on the 7th. The greatest daily range was 51° at ilbert on the 9th.

The average precipitation for 109 stations was 7.13 inches, hich is 2.29 inches above the 49-year average. Monthly nounts ranged from 2.89 inches at Crossett to 13.42 inches Pine Ridge. Amounts exceeding 10 inches were recorded er the west-central section of the State. The greatest amount corded in any 24-hour period was 8.25 inches at Mountain alley in Garland County on the 16th. The average number days with 0.01 or more was 8. A trace of snowfall was re- rded at a few northwestern stations.

Ten tornadoes occurred this month. Thirty people were lled and 100 or more injured. Property damage was esti- ated at $116,400. Heavy hail this month damaged proper- estimated at $36,000.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
ntonville	30.04	30.57	12	29.50	10	8.6	27	s	15	..	..	.	58
rt Smith	30.00	30.53	12	29.57	10	9.4	25	ne	5	71	48	47	49
ttle Rock	29.99	30.55	12	29.50	16	9.5	39	nw	26	70	45	48	61
mphis	30.00	30.55	13	29.51	17	9 3	32	n	5	69	52	52	49

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense Fog	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Light Hail	1	.	.	.	1	1	.	.	.	2	5	.	.	.	1	2	.	1	1	.	.	.	.	.	.	4	.	.	.	.
Moderate Hail		.	.	.	.		.	.	.		.	.	.		1	1	.	.		2	.	.		.	.	2	.		.	.
Thunderstorm	3	1	1	15	31	9	.	.	1	19	11	.	.	2	17	37	6	.	.	7	.	.	.	.	.	24	24	.	.	.

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	62.8	93	22	2.75		8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	3.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.53	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5 54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	96	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2 62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0 0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59 3	91	19	7.13	T.	8	13	8	9
Period	61.4	99	17	4.84	T.	8	13	8	9

Storms in April

Nature of storm	County	Location	Date	Time	Dir. moved	Length of path miles	Width of path yards	Killed	Injured	Damage	Remarks
eavy Rain	Chicot	Dermott(Lake Wallace)	1	....	....	....	....	....	....	$ 50,000	Cloudburst destroyed dam of artificial lake. Millions of game fish lost.
indstorm	Baxter	Mountain Home	1	....	....	....	....	....	....	500	Property damaged.
ornado	Ouachita	Stephens	5	8:00 p.m.	....	1-2	200	0	3	15,000	Property damaged.
hunderstorm	White	Kensett	10	p. m.	....	....	....	....	....	1,000	Lightning destroyed a barn and killed a mule.
eavy Hail	Perry	Thornburg	10	p. m.	....	....	....	....	....	....	Property damage slight.
eavy Hail	Jefferson	Pine Bluff	15	6:00 p. m.	....	....	....	....	....	30,000	Hailstones, 1 1-2 inch in diameter; damaged roofs, auto tops, windows, and shrubs.
indstorm	Polk	Mena (3 mi. W of)	15	9:30 p. m.	....	....	....	....	....	500	Property damaged.
hunderstorm	Cleburne	Higden	15	night	....	....	....	....	....	75	Damage by lightning.
ornado	Crittenden	Earl	16	2:00 a.m.	SE	1-2	100	0	0	25,000	Property damaged
eavy Rain	Logan	Paris City Water Dam	16	10:30 a.m.	....	....	....	....	....	35,000	125 feet of 800 foot dam washed out, one home destroyed; considerable damage to farm land.
ornado	Hempstead	Ozan (2 mi. sw of)	16	12:30 p. m.	NE	5	200	0	1	25,000	Property damaged.
ornado	Union	ElDorado (10 mi,E)	16	1:30 p m.	NE	short	200	0	3	15,000	Damaged several houses and oil derricks.
ornado	LaFayette	Lewisville	16	1:30 p.m.	NE	5	440	0	1	1,000	Property damaged.
ornado	LaFayette	Bradley(12 mi. W)	16	2:00 p. m.	NE	short	narrow	0	2	1,500	Property damaged.
ornado	Drew	Center Point to Tillar	16	3:10 p. m.	NE	15	440	27	62	20,000	Property damaged; dipped three times over 22 mile path. Center Point community center of greatest loss.
ornado	Bradley	Ingalls	16	3:30 p. m.	NE	3	150	0	0	5,000	Property damaged.
ornado	Jefferson	Wabbaseka(3mi.E)	16	3:30 p. m.	N	1	200	2	21	3,000	Property damaged.
ornado	Cleveland	Calmer	16	4:30 p. m.	NE	10	440	1	7	5,900	Property damaged and livestock killed.
indstorm	Poinsett	Marked Tree(near)	16	p. m	....	....	....	....	....	500	Property damaged.
eavy Hail and Wind	Jefferson	Pine Bluff	20	6:15 p m.	....	....	....	....	....	2,000	Two homes unroofed; hail damaged windows, signs and street lights.
eavy Hail	Jefferson	Pine Bluff	26	8:20 p.m.	NE	1-2	....	....	....	5,000	Hailstones, some size of golf balls. Considerable property damaged.
indstorm	Nevada	Prescott	26	p m.	....	....	....	....	....	500	Property damaged.

Correction for February, 1939.--Fort Smith, maximum on 25th should be 46°; mean maximum 51.2°. **March, 1939**--Hope, monthly evaporation should be 4.794.

Climatological Data for April, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Alum Fork †	Saline	755	3	58.6	....	84	26	28	7	38	10.08	....	5.50	0	7	8	12	10	e.	L. R. Water Works
Amity	Clark	500	44	60.8	− 1.0	91	26	31	7	42	6.99	+1.89	3.00	0	8	12	11	7	s.	J. W. Campbell
Arkadelphia	Clark	200	44	61.4	....	89	27	32	7	41	6.81	+1.94	2.59	0	8	14	11	5	se.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	55	....	....	....	....	....	....	....	3.28	−1.92	1.51	0	6	19	2	9	....	Herbert Neff
Batesville Airway	Independence	363	3	59.0	+ 0.2	83	24	29	7	39	7.45	....	4.39	0	9	6	14	10	s.	Airway Observer
Batesville	Independence	277	40	....	....	....	....	....	....	....	7.27	+2.52	2.37	0	7	15	8	7	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	58.3	− 2.7	81	26§	28	7	39	8.10	+3.25	5.00	0	5	8	8	14	w.	J. E. Scanlan
Benton	Saline	285	4	56.8	....	86	26	25	7	46	10.66	....	4.18	0	8	17	6	7	ne.	S. A. Burks
Bentonville	Benton	1295	34	55.8	− 1.8	83	26	27	7	36	4.24	−0.11	1.65	0	9	12	5	13	s.	U. S. Weather Bureau
Big Lake Outlet †	Mississippi	239	9	....	....	....	....	....	....	....	7.47	....	3.20	0	12	13	1	16	....	C. J. Brooks
Black Rock	Lawrence	259	38	....	....	....	....	....	....	....	8.25	+3.23	2.35	0	11	16	3	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	14	57.9	− 3.7	84	24	29	7	36	6.84	+2.28	2.97	0	11	12	11	7	sw.	Samuel Norris
Booneville	Logan	465	25	60.3	− 1.9	87	26	27	7	44	10.09	+5.79	7.70	0	6	13	9	8	w.	F. H. Randolph
Boughton †	Clark	235	4	....	....	....	....	....	....	....	6.34	....	1.87	0	8	9	8	13	....	Harry J. Buie
Brinkley	Monroe	205	12	60.2	− 1.8	83	24	33	7	34	8.44	+2.98	2.89	0	9	14	5	11	ne.	R. J. Torry
Calico Rock	Izard	361	35	....	....	....	....	....	....	....	6.68	+2.32	2.70	0	11	15	3	12	....	William Jones
Camden	Ouachita	116	54	62.7	− 0.7	88	26	35	7	34	4.54	−0.24	1.10	0	10	12	6	12	se.	J. M. Knight
Clarendon	Monroe	172	55	....	....	....	....	....	....	....	6.18	+0.87	1.82	0	8	11	6	13	s.	R. M. Wheatley
Clinton	Van Buren	516	18	....	....	....	....	....	....	....	....	....	....	.	..	..	..	..	....	A. L. Stephens
Conway	Faulkner	309	56	61.0	− 1.1	87	24	30	7	40	10.96	+5.91	5.21	0	8	15	10	5	s.	E. E. Cordrey
Corning	Clay	293	46	58.2	− 1.8	85	24	26	7	40	6.35	+1.25	2.00	0	10	13	8	9	w.	Winfred D. Polk
Cotter	Baxter	440	12	....	....	....	....	....	....	....	6.82	+3.01	3.29	0	8	16	9	5	....	O. B. McSpadden
Crossett	Ashley	175	27	60.4	− 4.4	88	26	27	8	48	2.89	−2.80	0.69	0	6	15	8	7	n.	U. S. Forest Service
Danville	Yell	327	23	....	....	....	....	....	....	....	12.90	+8.53	6.08	0	8	12	9	9	....	J. M. Patterson
Dardanelle	Yell	330	53	61.1	− 1.2	86	26	30	7	38	11.88	+7.73	5.00	0	8	8	11	11	s.	Geo. N. Goodier
De Queen	Sevier	426	4	61.1	....	88	26	31	7	39	7.09	....	2.94	0	7	15	6	9	s.	E. B. Smith
Devils Knob †	Johnson	2350	3	54.1	....	80	26	23	7	30	5.99	....	3.17	T.	9	18	4	13	se.	U. S. Forest Service
Dumas	Desha	162	34	62.3	− 1.3	88	26	33	7§	40	5.70	+0.90	1.94	0	7	5	18	7	s.	Ben Johnson
El Dorado	Union	270	39	63.0	− 1.8	88	26	34	7	39	3.06	−2.17	1.16	0	7	15	9	6	s.	Mrs. E. W. Gaston
England	Lonoke	229	33	59.8	− 3.0	86	26	33	7	42	7.45	+1.88	3.37	0	7	14	11	5	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	56.8	− 2.2	85	25	23	7	34	4.93	+0.01	1.98	0	6	10	13	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	57.2	....	85	26	25	7	39	5.19	....	2.39	T.	9	6	11	13	s	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	56.8	− 1.6	86	26	25	7	35	4.47	−0.13	2.03	T.	12	11	9	10	sw.	University of Arkansa
Fordyce	Dallas	275	11	61.8	....	89	27	33	6§	36	6.05	....	1.60	0	7	12	16	2	s.	Miss Mercille McMurr
Fort Smith	Sebastain	448	58	59.7	− 2.1	89	26	31	7	37	4.35	+0.41	2.41	T.	7	12	10	8	e.	U. S. Weather Burea
Ft. Smith Wtr. P. †	Crawford	....	2	....	....	....	....	....	....	....	4.11	....	1.38	0	5	13	5	12	....	T. J. Wylie
Fulton	Hempstead	260	54	....	....	....	....	....	....	....	4.50	−0.17	1.90	0	6	12	7	11	....	T. J. Logan
Georgetown	Woodruff	200	27	....	....	....	....	....	....	....	7.64	+2.43	2.30	0	7	19	3	8	....	C. G. Long
Gilbert	Searcy	600	14	57.4	....	86	26	21	7	51	9.11	+4.00	3.22	0	5	15	6	9	....	F. E. King
Glenwood	Pike	547	4	....	....	....	....	....	....	....	8.63	....	2.57	0	7	16	7	7	....	C. A. Price
Grannis	Polk	900	20	60.5^{d}	+ 0.1	87^{d}	26	28^{d}	7	41^{d}	9.28	+2.98	3.84	0	11	12	9	9	s.	W. E. McVay
Gravette	Benton	1250	42	58.5	+ 1.3	85	8§	21	6	43	4.87	+0.31	1.50	0	7	15	4	11	s.	Max W. Schmidt
Green Mountain †	Stone	1100	3	57.6	....	80	25	26	7	28	5.99	....	3.60	0	11	5	18	7	nw.	U. S. Forest Service
Hankins †	Drew	....	2	....	....	....	....	....	....	....	5.15	....	1.67	.	8	..	..	..	....	Soil Conservation Ser
Harrison	Boone	1052	39	56.8	− 0.7	88	25	23	7	43	6.30	+1.36	2.04	0	10	15	7	8	sw.	Louis R. Keck
Helena	Phillips	300	67	59.4	− 3.3	80	24§	33	7	30	6.80	+1.70	2.30	0	8	10	8	12	ne.	James A. Burnett
Higden	Cleburne	445	20	....	....	....	....	....	....	....	8.25	+3.35	4.76	0	10	13	10	7	s.	Austin E. Cartwright
Highland	Pike	491	20	60.2	....	86	26	32	7	42	4.39	+0.25	1.24	0	8	9	7	14	w.	J. O. Cooley
Hope ‡‡	Hempstead	375	69	59.9	− 4.1	84	2	34	7	40	6.65	+1.66	1.74	0	6	15	9	6	ne.	Experiment Farm
Hot Springs	Garland	600	48	60.2	− 2.6	87	26	30	7	36	9.89	+3.90	5.90	0	7	8	19	3	s.	National Park Servic
Index †	Little River	275	22	....	....	....	....	....	....	....	5.60	+1.42	2.00	0	5	18	1	11	....	W. E. McDowell
Irons Fork †‡‡	Polk	....	1	55.4^{g}	....	89^{g}	26	26^{g}	7	41^{m}	9.25	....	4.44	0	6	13^{g}	2^{g}	8^{g}	sw.	U. S. Forest Service
Jessieville	Garland	750	13	....	....	....	....	....	....	....	11.22	+5.56	7.45	0	7	6	16	8	w.	U. S. Forest Service
Jonesboro	Craighead	345	44	58.8	− 2.6	84	24	29	7	36	6.29	+1.50	2.29	0	11	6	7	17	sw.	Benedictine Sisters
Judsonia	White	220	3	....	....	....	....	....	....	....	....	....	....	.	..	..	..	..	....	
Lead Hill	Boone	650	33	53.6	− 5.8	82	26§	19	7	45	5.03	+1.09	1.73	0	7	12	4	14	nw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	60	59.6	− 2.5	83	26	35	7	38	7.97	+2.78	3.90	0	8	10	10	10	s.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	3	60.3	....	84	26	35	7	33	8.34	....	3.90	0	8	9	15	6	s.	W. B. Airport Statio
Lutherville †	Johnson	775	40	58.4	− 1.9	83	26	27	7	37	7.96	+3.12	4.08	0	7	11	7	12	nw.	H. G. Lenhardt
Madison	St. Francis	209	9	....	....	....	....	....	....	....	7.57	....	2.16	0	6	8	7	15	....	J. W. Eppes
Magnolia	Columbia	315	23	64.2	− 0.4	90	2§	35	7	42	3.73	−1.11	2.00	0	6	7	19	4	se.	State Agri. School
Mammoth Spring	Fulton	600	35	57.2	− 2.0	84	25§	23	7	42	6.46	+1.60	2.23	0	13	9	16	5	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	28	59.6^{e}	− 2.7	81^{e}	24	35^{e}	7	31^{e}	6.51	+1.96	2.31	0	7	4^{e}	21^{e}	0^{e}	s.	C. N. Houck
Marked Tree	Poinsett	229	35	58.9	− 2.8	83	24	32	7§	35	7.61	+2.63	2.72	0	11	8^{a}	13^{a}	8^{a}	s.	Charles Walton
Mena	Polk	1207	51	60.0	− 1.5	90	26	28	7	39	8.93	+3.22	2.88	0	6	14	6	10	sw.	E. W. St. John
Monticello Airway	Drew	273	3	61.6	....	86	26	34	7	30	5.14	....	1.70	0	9	8	13	9	sw.	Airway Observer
Monticello †	Drew	273	4	....	....	....	....	....	....	....	4.72	....	1.67	.	5	..	..	..	....	Soil Conservation Se
Montongo †	Drew	....	4	....	....	....	....	....	....	....	4.76	....	1.52	.	7	..	..	..	....	Soil Conservation Se
Morrilton	Conway	315	20	58.4	− 3.8	84	24§	31	7	38	10.09	+5.87	3.66	0	7	13	7	10	n.	Mrs. Freda M. Ashcra
Mountainburg	Crawford	2010	2	....	....	....	....	....	....	....	4.90	....	1.69	0	8	14	6	10	se.	C. A. Lovell
Mountain Home	Baxter	800	27	57.6	− 1.3	86	25§	25	7	44	7.15	+2.46	3.80	0	6	12	5	13	w.	H. N. Halbert
Mountain Valley	Garland	273	2	....	....	....	....	....	....	....	13.26	....	8.25	0	10	17	7	6	s.	J. G. Scott
Mount Ida	Montgomery	702	40	58.6	− 2.6	88	26	27	7	47	12.91	+7.02	5.43	0	10	12	9	9	sw.	G. A. Whittington
Newport	Jackson	231	56	59.4	− 2.6	83	26	31	7	36	7.27	+2.29	2.77	0	9	10	13	7	n.	J. D. Henderson
Norman	Montgomery	687	11	....	....	....	....	....	....	....	10.88	....	....	0	7	15	6	9	s.	U. S. Forest Service
Oden	Montgomery	800	12	59.6	....	88	26	30	7	45	12.41	....	8.22	0	6	12	9	9	sw.	U. S. Forest Service
Okay	Howard	288	11	63.2	....	88	26	34	7§	39	4.62	....	1.40	0	8	17	6	7	sw.	Charles R. Jackson
Osceola	Mississippi	250	39	....	....	....	....	....	....	....	5.86	....	2.52	0	8	8	14	8	....	G. H. Banks
Ozark	Franklin	396	44	59.4	− 2.6	86	26	28	7	38	6.52	+2.44	2.75	0	7	15	3	12	se.	Orkney O. Milton
Paragould	Greene	275	16	57.8	....	80	24§	29	7	34	6.53	+1.81	3.24	0	12	14	13	3	sw.	J. E. Garrett
Parkin	Cross	222	9	....	....	....	....	....	....	....	6.58	....	2.53	0	6	14	2	14	....	Carroll King
Pine Bluff	Jefferson	215	52	61.2	− 2.4	84	26	36	7	34	9.25	+3.74	2.94	0	8	11	15	4	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	15	....	....	....	....	....	....	....	13.42	+7.96	8.07	0	6	15	6	9	w.	J. R. Huddleston
Plantersville †	Drew	....	2	....	....	....	....	....	....	....	5.23	....	1.60	.	8	..	..	..	....	Soil Conservation Se
Pocahontas	Randolph	300	46	58.4	− 1.8	82	27	26	7	38	7.92	+3.07	3.36	0	12	10	6	14	sw.	Benedictine Sisters
Portland	Ashley	122	33	61.2	− 3.4	87	26	33	8	40	3.51	−1.22	0.78	0	11	13	13	4	sw.	W. E. Edmiston
Prescott	Nevada	318	51	63.3	− 0.2	91	26	35	7§	41	7.08	+2.16	1.72	0	8	9	9	12	e.	J. Craig Williams
Rock Springs †	Drew	....	4	....	....	....	....	....	....	....	5.53	....	1.60	.	7	..	..	..	....	Soil Conservation Se
Rogers (near) †	Benton	1300	49	57.2	− 1.3	87	26	22	7	43	4.27	−0.17	1.90	0	7	15	3	12	sw.	Carl A. Starck
Rosebud †	Faulkner	680	5	....	....	....	....	....	....	....	9.07	....	5.18	0	6	10	14	6	n.	G. A. Maddox
Ross †	Drew	....	2	....	....	....	....	....	....	....	4.43	....	1.48	.	7	..	..	..	....	Soil Conservation Se
Russellville	Pope	526	27	60.8	− 0.2	86	27	29	7	42	11.23	+7.23	6.50	0	9	16	0	14	ne.	U. S. Forest Service
St. Charles	Arkansas	175	6	60.2	....	86	26	36	7	35	6.92	....	1.96	0	7	15	10	5	s.	U. S. Biological Surve
St. Francis	Clay	290	12	....	....	....	....	....	....	....	7.64	+3.58	2.19	0	11	15	5	10	....	A. Boyce Boyd, Jr.
Searcy	White	245	29	59.0	− 2.7	84	24§	30	7	41	6.91	+2.58	2.83	0	7	17	1	12	se.	Walter A. Smith
Springbank †	Miller	240	30	....	....	....	....	....	....	....	5.54	+0.29	1.80	0	7	15	1	14	....	Henry Field
Story	Montgomery	650	15	....	....	....	....	....	....	....	11.96	+5.80	4.52	0	6	18	6	6	n.	S. C. Story
Stuttgart	Arkansas	214	52	59.0	− 3.4	85	26	33	7	36	6.64	+1.57	1.77	0	6	20	5	5	n.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	4	59.2	....	85	26	35	7	35	6.11	....	1.91	0	8	..	..	..	....	Rice Experiment Sta
Subiaco	Logan	750	42	59.8	− 2.0	87	26	31	7§	40	8.25	+3.67	5.80	0	6	17	6	7	se.	New Subiaco Abbey
Texarkana	Miller	332	54	64.0	− 0.2	90	26	34	7	39	3.97	−0.99	1.40	0	5	16	8	6	s.	H. S. Brashear

Climatological Data for April, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Thornburg	Perry	650	19	58.0	− 2.2	84	26	27	7	44	10.39	+5.13	5.73	0	9	11	12	7	s.	Edward E. Holmes
Turnpike †	Pope	2240	15	54.5		81	26	23	7	38	7.56	+2.30	4.38	0	6	10	12	8	sw.	U. S. Forest Service
Underwood †	Drew		2								4.90		1.25	.	7					Soil Conservation Ser.
Waldron	Scott	675	20	60.5^{f}		90^{f}	26	29^{f}	7	48^{1}	9.64	+3.88	3.54	0	9	7^{f}	10^{f}	7^{f}	nw.	Wilson Ferguson
Warren	Bradley	206	45	62.0	− 1.6	88	26	32	7	38	7.08	+1 91	1.57	0	8	8	4	18	nw.	C. N. Turner
Whitecliffs	Little River	290	33								4.48	−0.56	1.56	0	6	15	5	10		L. M. Snead
White Rock †	Franklin	2285	3	55.4		90	26	24	7	32	5.53		2.02	T.	8	18	4	8	nw.	U. S. Forest Service
Wilson	Mississippi	237	14	59.2	− 1.8	82	24	32	7	34	5.82	+0.53	2.37	0	7	18	2	10	s.	D. O. Anderson
Witt Springs	Searcy	1953	2								6.74		4.72	0	4	13	1	16	sw.	E M. Duncan
Wynne	Cross	167	15	59.6	− 1.8	85	26	31	7	35	6.46	+1.24	2.45	0	6	10	10	10	s.	B. M. Eddins
State Means				59.3	− 2.1	91	26	19	7	51	7.13	+2.29	8.25	T.	8	13	8	9	s.	

Daily Precipitation for April, 1939

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.†	Ouachita				T.	.38	1.52		T.		T.	1.03		T.	T.	.39	5.50	.18										1.08					10.08
Amity	Ouachita				.79	.73	.39					1.10			.04		3.00	.85										.09					6.99
Arkadelphia[2]	Ouachita				.27	35	2.59					1.30					.41	1.58				.04						.27					6.81
Arkansas City[2]	Mississippi	T.			T.		1.51					23						.35		T.		.36						.77	.06				3.28
Batesville Airway	White					.83	.90				T.	.47				.01	4.39	.39			.02	.30					T.	.14					7.45
Batesville River[2]	White	T.	T.				1.57					.62	.01			T.	2.37	2.17				.37						.16					7.27
Bee Branch	Arkansas				T.	.40	1 30					.20				T.	4.75	.25				T.						1.20					8.10
Benton[2]	Saline					.02	2.09					.76					4.18	1.25				.30						2.03	.03				10.66
Bentonville[1]‡	Arkansas				.01	1.64			T.					.01		.01	1.41	.09	T.		.12						.93	.02					4.24
Big Lake Outlet †[2]	St. Francis	.12	.09			.03	3.20			T.		.63	.04		T.		1 00	1.40	T			.40				.03		.22	.31				7.47
Black Rock[2]	White	.03	.16				2.24			.03		.25		T.	.10		2.35	2.07				.52				.05		.45					8.25
Blytheville[2]	St Francis	.06	.05				2.97		T.			.77	.03				.88	1.48	.01			.43				T		.14	.02				6.84
Booneville	Arkansas				.33	*	1.52									.03	7.70	.38										.13					10 09
Boughton †[2]	Ouachita				.20	.35	1.70				1.03					.05	1.87					.01					1.13						6.34
Brinkley	White					.37	2.00					1.00					2.89	.15	.04			.17				.02		1.80					8.44
Calico Rock[2]	White	.13	.04			.05	1.80					.12					1.50	2.70	.03	.01		.20						.10					6.68
Camden[2]	Ouachita				.03	.62	1.10					1.02	03				.07	.76				.07						.82	.02				4.54
Clarendon[2]	White						1.40					1.10					1.82	.99	.03			.25						.35	.24				6.18
Clinton	White																																
Conway	Arkansas					1.47	.86					1.08				.67	5.21	.19				.03						1.45					10.96
Corning[2]	White	.15	.18			.02	2.00					.49					1.77	1.32	.02	.01		.39											6.35
Cotter[2]	White		.23				1.70										1.20	3.29	.05	.05		.10						.20					6.82
Crossett [near]	Ouachita				.69		.53					.19			.31		.69											.48					2.89
Danville[2]	Arkansas				T.	.06	2.06					.34			T.		2.96	6.08	.06	T		.01						.33					12.90
Dardanelle[2]	Arkansas						1.73					.38					5.00	3.40	.04			.12						1.16	.05				11.88
De Queen	Red				.33	2.32						.81				.01	2.94	.10										.58					7.09
Devils Knob †	Arkansas				.03	1.60	12					.02		T.		.05	3.17	.70	.03									.27					5.99
Dumas	Mississippi				T.	.06	1.70				T.	.65				T.	1.94		T.			66						.60	.09				5.70
El Dorado[2]	Ouachita					.45	1.16					.45	T.			.03		.61										.34	.02				3.06
England	Arkansas					.35	1.60					.95					3.37	.33				.33					.52						7.45
Eureka Springs	White					1.98											1.70	.62	.18		.15							.30					4.93
Fayetteville	White				T.	2.39	T.					.01	T.	.01	T.	.03	1.76	.22	.06	T	.07						T.	.64					5.19
Fayetteville Exp. S	White				.01	2.03	.01				T.	.01		.01	T.	T.	1.72	.19	.10	.01	.03	.05					T.	.30					4.47
Fordyce	Ouachita				1.05	.06	1.60					.91					.64		T.			.34					T.	1.45					6.05
Fort Smith[1]‡	Arkansas				.10	1.25	T.					T.		.05	T.	.54	2.27	.02	T.		T						.12	T.					4.35
Fort Smith W. †[2]	Arkansas						1.38										.88	1.33	.03								T.	.49					4.11
Fulton[2]	Red	T.				.23	1.90	T.				.62					.10	1.13				T.					T.	.52	T.				4.50
Georgetown[2]	White						2.30					1.04	.08				1.20	1.00	T.			.15						1.87	T				7.64
Gilbert[2]	White						2.01										1.98	3.22		.04								1.86					9.11
Glenwood[2]	Ouachita				.29	1.02	1.51					1.04					2.10	2.57						.10									8.63
Grannis	Red				.50	2.91	.18				.22	.40		T	.03	.08	3.84	.54	.02							T.		.56					9.28
Gravette[2]	Arkansas				.25	.87							1.10			.90		.10			.15						1.50						4.87
Green Mountain †	White		T.			.89	.86				.02					.09	3.60	.31	.02	.01	.01	.12						.06					5.99
Hankins †‡	Ouachita			.05		1.67	.16				.05	.56					1.10				.60							.96					5.16
Harrison	White					1.75										.44	2.04	1.46	.10	.03	.07	.06					.14	.21					6.30
Helena[2]	Mississippi						1.55					2.30					.45	1.67				.24				.05		.51	.03				6.80
Higden	White				T.	1.31	.55				T.	.22			T.	.02	4.76	.25	T.	.01	.04	.08						1.01					8.25
Highland	Ouachita				.66	.18	1.02					.61				.02	1.24	36										.30					4.39
Hope ‡‡[2]	Red					1.15	1.74					.65					.30	1.70										1.11	T.				6.65
Hot Springs	Ouachita				.52	2.15	.55					.75					5.60	.30	T.		.02						T.						9.89
Index †[2]	Red						1.40					.95				.10		2.00										1.15					5.60
Irons Fork †‡‡[2]	Ouachita					.66	2.91					.42			.01		4.44											.81					9.25
Jessieville	Ouachita				.40	1.73					1.14					.15	7.45	.21											.14				11.22
Jonesboro[2]	White	.10	.05			.03	2.29		.01	.01		.35					1.42	1.44				.25					T.	.34					6.29
Judsonia[2]	White					2.90						.85					1.28																
Lead Hill	White	.01				1.54								T.		T.	1.73	1.40	.08		.12						T.	.15					5.03
Little Rock[1]†	Arkansas		T.		T.	1.77					.64	.29			T.	T.	3.89	.23	T.	T.	.17						.94	.04					7.97
LittleRock Air'y.[1]	Arkansas				T.	.93	1.11				T.	1.15				T	3.90	.26	T.	T	.16	.04					T.	.79	T.				8.34
Lutherville †	Arkansas					.90	.63				T.					.19	4.08	1.30	.10									.86					7.96
Madison[2]	St. Francis						2.16					1.27	T.				1.36	1.62				.31				T.	T.	.85					7.57
Magnolia	Red					.20						2.00					.10	.10										1.15	.18				3.73
Mammoth Spg[2]	White	.12	.17		.04	.01	1.85					.25		.05			1.28	2.23	.05	.05		.31						.05					6.46
Marianna	St. Francis					.05	1.40					1.29					2.31					.20				.03		1.23					6.51
Marked Tree[2]	St. Francis	.04					2.72					.87	.11				1.10	1.51				.47				.14	.03	.27	.35				7.61
Mena[2]	Ouachita					.74	2.56					.49				T.	2.88	1.84	T.	T.							T.	.42					8.93
Monticello Airway	Ouachita				.20	.02	1.19					.59					1.70				.01	.56						.79	.08				5.14
Monticello(near. †‡	Ouachita					1.00						.75					1.67				.60							.70					4.72
Montongo †	Ouachita			.15		1.52	.13					.45					.95				.53							1.03					4.76
Morrilton[2]	Arkansas				T.	.06	2.03					.51					2.60	3.66	T.			T.						1.18	.05				10.09
Mountainburg	Arkansas				T.	1.69	T							.03	T.	.70	1.67	.14	.03		.01							.63					4.90
Mountain Home	White					1.90											3.80	1.10	.10	T.	T.	.15					T	.10					7.15
Mountain Valley	Ouachita				.30	.50	1.90				.04	1.55				.20	8.25	.45									T	.04	.03				13.26
Mount Ida	Ouachita				.74	2.35	.15				.60	.33				.05	5.43	2.04									1.12	.10					12.91
Newport[2]	White		.01				2.77					.37	.01				1.80	1.37				.32						.52	.10				7.27
Norman[2]	Ouachita				.10	1.80					.80					*	*	8.10									.08						10.88
Oden[2]	Ouachita				.70	2.42	.33				.46				T.	T.	8.22											.28					12.41
Okay	Red				.50	.11	1.40				T.	.77				.03	.88	.24										.69					4.62
Osceola[2]	Mississippi	.13	T.			2.52			T.		.81	T.				.88	.75	T.		.32							.12	.33					5.86
Ozark[2]	Arkansas					.03	1.46					.01			T.		2.75	1.82	.05	T.								.40					6.52
Paragould[2]	St. Francis	.08	.11			.18	1.78				T.	.36		.03	T.	.01	3 24	.33				.30					.06	.05	T				6.53
Parkin[2]	St. Francis						2.53					.89					.93	.96				.25						1.02					6.58
Pine Bluff[2]	Arkansas				.02	T.	2.94					1.58					.56	1.31				.98						1.73	.13				9.25

Daily precipitation for April, 1939 [continued]

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Pine Ridge[2]	Ouachita	....	....	....	.61	3.10	....	....	....	....	.40	....	....	....	....	....	8.07	.72	....	....	....	....	....	....	....	....	....	.52	....	....	....	....	13.42
Plantersville †‡	Ouachita	....	....	.22	....	1.60	.16	....	....	....	....	.48	....	....	....	....	98	....	....	....	.55	....	....	....	....	....	....	1.22	.02	....	....	....	5.23
Pocahontas	White	.12	.28	....	....	.12	2.07	....	....	....	....	.53	....	.10	....	.09	3.36	.36	.38	....	....	.43	....	....	....	....	....	.08	....	....	....	....	7.92
Portland[2]	Ouachita	....	....	.25	.42	.23	.78	....	....	....	....	.71	.06	....	....	....	....	.37	....	.02	....	....	....	....	....	.03	....	.61	.03	....	....	....	3.51
Prescott[2]	Ouachita	....	....	....	.16	.37	1.72	....	....	....	....	1.12	....	....	....	....	.43	1.63	....	....	....	....	....	....	....	....	....	1.64	.01	....	....	....	7.08
Rock Springs †	Ouachita	....	....	.15	....	1.60	.03	....	....	....	....	63	....	....	....	....	.96	....	....	....	.59	....	....	....	....	....	....	1.57	....	....	....	....	5.53
Rogers (near) †	White	....	....	....	....	1.90	....	....	....	....	....	....	....	....	....	....	1.56	.27	.02	....	.12	....	....	....	....	....	08	.32	....	....	....	....	4.27
Rosebud †	Arkansas	....	....	....	....	2.30	....	....	....	....	.42	....	....	....	....	.28	5.18	....	....	....	.09	....	....	....	....	....	....	.80	....	....	....	....	9.07
Ross †‡	Ouachita	....	....	.15	....	1.48	.18	....	....	....	....	.45	....	....	....	....	.90	....	....	....	.45	....	....	....	....	....	....	.82	....	....	....	....	4.43
Russellville ‡‡	Arkansas	....	....	....	T.	1.13	.63	....	....	....	T.	.05	....	....	....	.08	6.50	.93	.02	....	....	.06	....	....	....	....	....	1.83	....	....	....	....	11.23
St. Charles[2]	White	....	....	.05	....	....	1.66	....	....	....	....	1.96	....	....	....	....	.46	1.72	....	....	....	.42	....	....	....	T.	....	.65	T.	....	....	....	6.92
St. Francis[2]	St. Francis	.26	.12	....	.14	....	2.13	....	....	T.	....	.42	.04	....	....	....	1.84	2.19	.06	.09	....	.35	....	....	....	....	....	T.	....	....	....	....	7.64
Searcy	White	.02	....	....	....	....	2.83	....	....	....	....	.60	....	T	....	....	1.28	1.15	....	....	....	.11	....	....	....	....	....	.92	....	....	....	....	6.91
Springbank †[2]	Red	....	....	....	....	.30	1.51	....	....	....	....	83	....	....	....	.01	.02	1.80	....	....	....	....	....	....	....	....	....	1.07	T.	....	....	....	5.54
Story[2]	Ouachita	....	....	....	.32	3.06	....	....	....	....	....	.32	....	....	....	4.52	3.30	....	....	....	....	....	....	....	....	....	.44	....	....	....	....	....	11.96
Stuttgart[2]	Arkansas	....	....	....	....	....	1.77	....	....	....	....	1.33	....	....	....	....	1.66	.94	....	....	....	.19	....	....	....	....	....	.75	....	....	....	....	6.64
Stuttgart ‡‡[2]	Arkansas	....	.04	....	....	....	1.91	....	....	....	....	1.56	....	....	....	....	1.11	.82	....	....	....	.18	....	....	....	.02	....	.47	....	....	....	....	6.11
Subiaco	Arkansas	....	....	....	.08	1.34	.19	....	....	....	....	T.	....	T.	....	T.	5.80	.45	T.	....	T	....	....	....	....	....	....	.39	....	....	....	....	8.25
Texarkana[2]	Red	....	....	....	....	.40	1.40	....	....	....	....	.60	....	....	....	....	....	1.12	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	3.97
Thornburg	Arkansas	....	....	....	T.	1.90	.42	....	....	....	.75	.26	....	T.	T	.37	5.73	.31	.03	T.	....	....	....	....	....	....	....	.62	....	....	....	....	10.39
Turnpike †	Arkansas	....	....	....	....	1.71	.15	....	....	....	....	....	....	....	....	....	4.38	.99	T	....	.01	....	....	....	....	....	.32	....	....	....	....	....	7.56
Underwood †‡	Ouachita	....	....	.10	....	1.25	.11	....	....	....	....	.72	....	....	....	....	.98	....	....	....	.69	....	....	....	....	....	....	1.05	....	....	....	....	4.90
Waldron	Arkansas	....	....	....	.31	2.27	.03	....	....	....	.15	.09	....	....	....	2.61	3.54	....	....	....	....	....	....	....	....	....	....	.53	.11	....	....	....	9.64
Warren	Ouachita	....	....	....	1.20	T	1.15	....	....	....	....	.63	....	....	....	....	1.30	.05	....	....	.81	....	....	....	....	....	....	1.57	.37	....	....	....	7.08
Whitecliffs[2]	Red	....	....	....	.10	.55	1.56	....	....	....	.70	....	....	....	....	....	T.	.90	....	....	....	....	....	....	....	....	....	.67	....	....	....	....	4.48
White Rock †	Arkansas	....	....	....	T.	1.50	.05	....	....	....	T	.03	....	T.	....	.49	2.02	09	.06	T.	....	....	....	....	....	....	....	1.29	....	....	....	....	5.53
Wilson[2]	Mississippi	.14	....	....	....	....	2 37	....	....	....	....	.98	....	....	....	....	.95	.74	....	....	....	.34	....	....	....	....	.30	....	....	....	....	....	5.82
Witt Springs	Arkansas	....	....	....	....	1.26	....	....	....	....	....	....	....	....	....	....	....	4.72	....	.08	T.	....	....	....	....	....	....	.68	....	....	....	....	6.74
Wynne[2]	St. Francis	....	....	....	....	2.45	....	....	....	....	1.10	....	....	....	....	1.13	.78	....	....	....	.23	....	....	....	....	....	.77	....	....	....	....	....	6.46

Daily temperatures for April, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	77	83	74	68	62	62	55	68	78	75	65	65	61	73	77	74	65	53	59	70	65	75	80	81	79	84	80	76	73	79		71.2
	Minimum	52	49	55	50	49	38	28	35	43	58	43	31	36	50	60	52	47	39	39	34	44	37	45	48	57	60	54	52	50	43		45.9
Amity	Maximum	84	86	77	67	64	58	59	76	82	72	67	62	68	71	79	72	68	54	65	75	72	80	84	84	82	91	81	79	79	81		74.0
	Minimum	52	51	55	48	50	39	31	34	45	59	45	35	41	55	60	58	45	41	41	39	45	39	46	51	62	62	57	52	48	45		47.7
Arkadelphia §§	Maximum	83	85	74	73	68	60	57	74	81	74	71	62	68	74	78	80	65	55	66	77	73	79	83	84	82	88	89	81	76	80		77.3
	Minimum	47	53	55	50	49	40	32	33	40	55	46	36	38	46	50	45	47	41	43	39	44	40	43	49	55	58	49	51	46	44		45.5
Batesville	Maximum	74	80	74	65	66	52	54	66	80	75	68	58	59	76	79	75	62	55	51	68	72	76	79	83	81	82	80	72	76	81		70.6
	Minimum	51	50	46	51	52	40	29	38	42	60	46	32	43	50	62	58	50	44	41	38	44	39	45	52	61	61	58	52	46	42		47.4
Bee Branch	Maximum	79	80	80	69	60	60	50	65	78	78	70	67	56	72	77	77	59	53	55	65	68	73	77	80	79	81	81	72	72	75		70.3
	Minimum	50	50	48	50	53	38	28	34	39	58	45	31	42	51	60	57	48	40	40	34	44	39	44	47	57	58	57	53	50	43		46.3
Benton §§	Maximum	81	83	73	59	66	53	55	73	80	73	68	56	66	75	79	68	64	53	61	73	70	78	81	81	76	86	81	74	73	77		71.2
	Minimum	35	46	50	49	50	40	25	30	35	39	45	34	34	41	54	56	49	40	41	32	33	37	39	44	47	55	56	48	45	42		42.4
Bentonville ***	Maximum	69	75	72	61	59	40	51	66	81	67	60	41	57	71	79	64	51	41	60	67	62	76	80	81	83	83	76	63	71	77		66.2
	Minimum	48	52	45	53	40	30	27	39	51	45	31	28	41	56	62	50	36	38	37	41	38	40	55	58	57	61	55	51	47	48		45.3
Blytheville	Maximum	74	77	78	68	68	51	52	64	70	71	61	50	60	76	77	76	66	54	52	68	67	75	80	84	80	79	75	64	61	78		68.5
	Minimum	48	50	42	50	50	38	29	38	43	59	44	32	42	49	59	58	51	44	42	36	45	41	48	50	63	60	58	55	49	43		47.3
Booneville	Maximum	80	85	79	67	62	54	55	74	84	80	70	63	58	71	82	75	59	52	65	72	69	81	84	85	85	87	81	75	76	81		73.0
	Minimum	51	54	52	47	53	39	27	33	46	64	48	83	44	51	66	55	46	41	40	42	39	37	48	52	56	64	56	50	47	46		47.6
Brinkley	Maximum	75	81	80	74	64	64	49	68	79	75	70	61	63	78	79	75	67	61	54	69	71	75	79	83	81	81	78	71	72	77		71.8
	Minimum	53	51	50	49	54	42	33	36	45	60	46	35	40	48	61	57	52	43	43	36	44	41	45	49	63	62	59	54	62	44		48.6
Camden	Maximum	82	87	69	72	70	75	58	58	81	75	73	69	68	71	80	79	67	65	65	78	78	74	80	81	80	88	84	82	75	79		74.8
	Minimum	54	54	58	51	52	42	35	38	51	57	48	40	41	53	62	65	50	44	45	44	49	48	49	53	60	64	58	54	50	48		50.6
Conway	Maximum	80	84	75	70	69	55	58	72	83	77	73	66	62	79	80	76	65	52	61	73	71	80	83	87	83	86	81	75	78	80		73.8
	Minimum	56	52	51	53	55	41	30	34	41	62	47	34	42	51	60	58	50	43	43	37	43	40	46	50	60	62	59	52	48	41		48.1
Corning	Maximum	73	79	74	63	61	51	54	64	79	72	70	62	59	78	76	74	65	57	48	67	67	76	81	85	84	82	81	72	75	80		70.3
	Minimum	44	54	41	48	49	36	26	37	41	59	43	30	42	47	61	58	50	38	39	35	43	39	47	52	62	60	61	54	48	40		46.1
Crossett	Maximum	82	86	77	71	74	75	57	75	81	80	74	62	68	71	81	78	67	63	61	76	72	77	80	80	82	88	81	84	75	79		75.2
	Minimum	49	50	56	49	49	40	30	27	42	59	46	39	32	49	57	60	51	41	37	33	44	35	37	46	59	55	56	50	45	43		45.5
Dardanelle	Maximum	79	85	83	70	60	55	55	71	83	79	72	66	58	76	82	77	61	55	62	68	70	78	83	84	83	86	82	75	75	79		73.1
	Minimum	57	55	52	55	55	40	30	35	46	62	48	35	45	53	64	58	49	42	39	42	43	40	47	53	57	64	58	52	50	48		49.1
De Queen	Maximum	83	85	82	70	63	58	56	73	81	78	72	67	65	71	77	75	67	58	68	78	73	77	81	83	80	88	82	80	77	78		74.2
	Minimum	48	52	58	49	52	40	31	34	42	60	47	37	43	57	62	58	48	43	43	40	44	38	45	52	56	63	58	49	46	46		48.0
Devils Knob	Maximum	68	76	66	59	53	45	45	60	74	73	63	44	50	63	73	65	55	52	57	62	62	71	74	75	76	80	76	63	70	74		64.1
	Minimum	46	46	47	44	44	30	23	35	51	48	37	24	40	47	53	51	38	33	33	39	38	48	52	55	57	62	53	54	42	53		44.1
Dumas	Maximum	77	85	73	67	77	70	51	73	84	80	72	73	73	80	83	79	78	60	57	74	75	78	82	85	84	88	79	77	73	75		75.4
	Minimum	55	52	55	56	52	42	33	36	49	60	48	47	33	50	58	50	53	44	44	36	46	42	46	51	63	63	60	55	50	47		49.2
El Dorado	Maximum	84	86	79	65	73	72	56	72	80	79	75	61	69	69	79	75	67	59	63	78	75	81	81	83	80	88	81	83	76	79		74.9
	Minimum	55	56	59	55	54	44	34	37	50	64	49	43	41	52	61	64	51	44	43	42	48	42	47	53	62	65	60	56	50	48		51.0
England	Maximum	74	81	75	64	71	67	50	74	80	76	71	62	62	77	78	76	68	61	55	72	70	75	77	80	83	86	73	75	73	77		72.1
	Minimum	51	52	51	53	50	41	33	35	38	59	46	35	40	49	57	57	50	41	43	38	41	44	47	50	63	58	54	57	48	46		47.6
Eureka Springs	Maximum	71	76	71	63	60	44	51	66	81	75	53	44	63	72	81	72	69	43	59	69	56	77	81	81	85	84	77	70	71	77		68.1
	Minimum	45	48	46	51	43	34	23	40	49	50	41	25	38	52	62	54	41	35	35	41	38	43	54	56	57	60	54	51	49	48		45.4
Fayetteville	Maximum	72	78	77	68	59	45	53	68	82	75	64	47	57	71	81	72	55	45	60	68	65	75	78	80	81	85	80	70	71	75		68 6
	Minimum	47	52	49	53	43	34	25	38	46	52	42	29	40	53	62	53	41	34	36	40	38	36	55	56	58	65	55	51	48	46		45.9
Fayetteville Exp. S	Maximum	71	77	74	70	60	45	50	65	79	78	61	42	56	68	79	74	54	44	60	65	62	73	77	79	80	86	81	72	72	77		67.7
	Minimum	45	52	46	53	45	34	25	39	48	52	41	28	41	53	63	54	42	34	36	39	38	38	53	58	58	65	54	49	45	46		45.8
Fordyce	Maximum	79	81	80	70	71	68	60	71	76	80	73	67	65	71	80	78	75	64	61	74	74	76	80	79	78	87	89	86	80	78		75.0
	Minimum	54	53	52	52	52	33	33	35	45	51	47	39	40	52	61	51	51	44	45	41	48	44	46	55	62	63	58	50	50	49		48.5
Fort Smith***	Maximum	77	83	73	63	58	47	53	72	84	73	67	55	56	73	82	62	55	49	63	69	66	81	84	84	86	89	80	70	76	79		70.3
	Minimum	58	57	54	49	47	36	31	38	49	53	39	34	46	54	62	55	43	43	43	45	44	44	53	57	59	62	58	55	52	54		49.1
Gilbert§§	Maximum	75	81	73	63	62	47	61	69	83	78	68	50	62	76	81	60	60	48	60	69	70	78	81	82	84	86	81	67	75	81		73.0
	Minimum	44	45	38	46	53	35	21	30	32	52	42	27	35	46	62	60	46	39	38	32	38	32	40	43	51	57	49	43	42	37		41.8
Grannis	Maximum	82	85	77	65	62	55	55	72	79	74	68	60	62	69	76	71	..	..	..	..	76	74	79	80	78	87	79	78	79	77		73 0
	Minimum	54	54	55	46	50	37	28	31	44	56	43	33	40	54	61	56	..	..	..	..	44	42	45	51	56	61	56	55	48	47		48.0
Gravette§§	Maximum	72	78	80	75	54	55	70	85	72	64	45	60	75	84	80	78	45	65	72	65	80	83	85	85	90	78	67	74	80	85		72.7
	Minimum	48	50	46	51	33	21	28	42	56	40	27	30	41	57	56	40	36	36	39	36	41	42	57	57	60	57	49	45	49	59		44.3
Green Mountain	Maximum	69	75	71	62	69	49	52	63	78	74	63	47	58	71	75	74	57	52	53	65	63	74	67	78	80	78	76	73	70	78		67.5
	Minimum	50	50	50	50	49	35	26	39	51	54	43	27	40	52	61	55	46	38	35	40	42	50	54	57	62	64	56	54	50	50		47.7
Harrison	Maximum	72	78	70	64	59	46	56	66	83	78	64	45	65	78	81	66	56	51	59	68	65	78	83	79	88	83	78	72	74	81		69.5
	Minimum	46	49	40	52	46	35	23	39	40	51	42	26	41	38	53	54	44	37	38	35	41	36	44	50	54	71	55	50	49	41		44.0
Helena	Maximum	70	76	73	65	73	70	48	65	75	73	71	59	63	75	77	75	67	61	50	67	65	72	76	80	78	80	74	73	68	72		69.7
	Minimum	54	52	51	51	55	40	33	36	48	57	45	36	38	50	60	58	53	42	42	38	45	44	52	54	62	62	59	54	50	48		49.0
Highland	Maximum	80	84	83	68	65	65	53	72	70	74	71	62	64	69	76	75	67	57	59	60	61	64	82	80	79	86	81	82	76	78		71.4
	Minimum	55	53	56	48	52	38	32	37	40	60	46	36	41	55	60	61	48	42	44	45	48	50	40	53	60	61	56	58	49	49		49.1
Hope §§ ‡‡	Maximum	79	84	72	55	68	53	55	75	75	74	70	61	66	69	76	77	59	53	65	80	72	69	76	76	78	82	78	79	81	74		71.0
	Minimum	49	54	58	53	51	42	34	35	42	52	49	40	40	45	60	64	50	44	45	41	45	41	46	49	55	63	60	54	55	48		48.8

Daily temperatures for April, 1939, continued

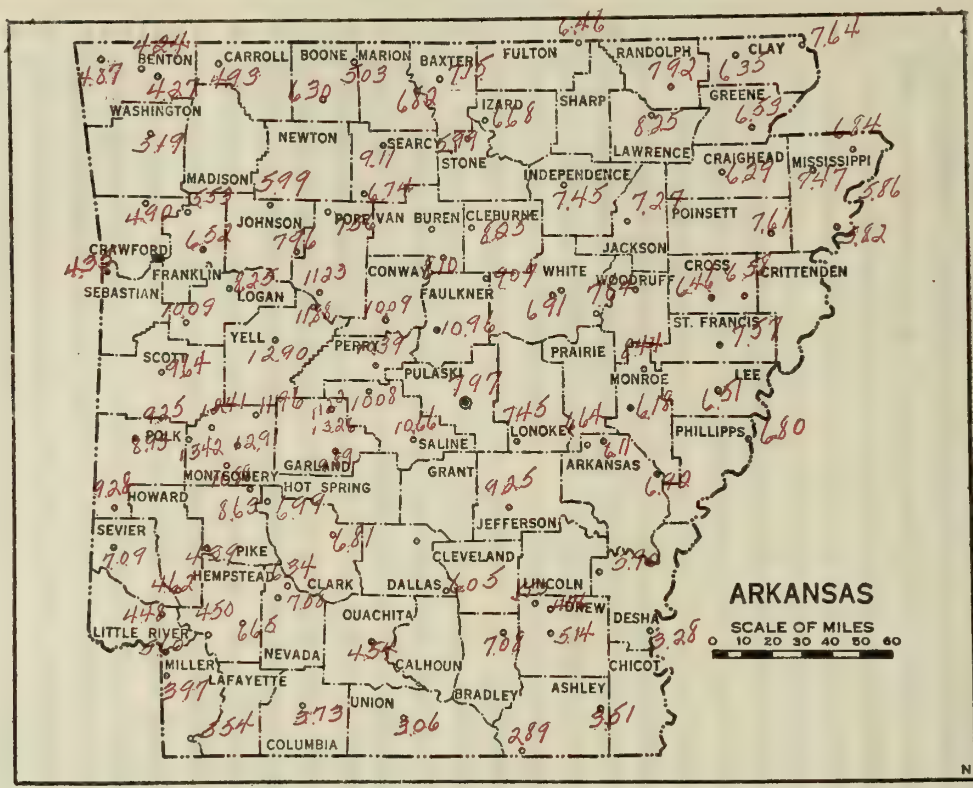
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hot Springs........	Maximum	80	82	77	70	63	57	55	72	80	71	70	64	65	73	78	76	67	54	60	71	69	77	80	81	79	87	80	76	74	77		72.2
	Minimum	53	53	54	48	50	40	30	40	47	61	46	35	40	52	63	58	50	43	43	39	41	41	46	51	60	60	58	51	49	46		48.3
Irons Fork.....§§‡‡	Maximum	..	83	75	58	60	49	52	.	80	75	67	60	63	..	76	..	58	48	63	71	..	..	81	82	81	89	76	74	..	77		69.4
	Minimum	43	..	43	53	46	35	26	28	39	..	44	31	35	41	..	..	44	40	41	34	41	33	..	..	60	60	53	43	40	..		41.4
Jonesboro	Maximum	72	79	72	67	69	63	52	66	78	75	70	63	58	76	77	74	66	57	50	67	67	76	80	84	81	79	80	71	71	78		70.6
	Minimum	48	48	47	49	51	38	29	37	42	59	42	32	41	48	61	58	50	41	40	37	43	41	47	49	62	62	60	55	49	43		47.0
Lead Hill..........	Maximum	64	78	68	64	61	47	51	65	78	78	66	45	62	73	70	70	58	48	48	48	61	68	76	76	77	82	73	69	62	82		65 6
	Minimum	39	46	37	52	45	34	19	32	33	50	41	25	39	50	63	54	42	37	35	30	39	31	40	47	50	60	53	43	42	37		41.5
Little Rock..***	Maximum	74	79	69	61	68	50	52	71	80	71	67	51	60	74	79	74	63	50	56	71	66	73	78	82	76	83	77	69	70	75		69.0
	Minimum	57	55	54	55	45	39	35	38	51	53	45	36	43	56	63	57	49	43	44	42	48	48	52	56	64	55	58	57	53	51		50.1
Little Rock........ [Airway]	Maximum	76	78	73	64	71	55	55	70	80	77	71	64	62	76	79	76	67	55	58	71	70	74	78	82	82	84	80	73	72	78		71.7
	Minimum	54	53	51	54	53	42	35	38	47	61	42	37	42	51	60	58	50	43	43	39	45	43	46	49	61	63	57	53	52	46		48.9
Lutherville........	Maximun.	76	80	73	65	59	53	50	67	82	75	70	55	55	70	80	73	59	51	60	66	65	74	79	79	79	83	80	75	76	75		69.5
	Minimum	53	53	50	48	52	37	27	35	45	57	47	31	42	53	62	56	45	38	37	40	41	39	49	55	57	60	56	52	49	49		47.2
Magnolia..........	Maximum	83	90	87	78	75	72	55	74	80	87	77	68	71	72	81	81	72	65	65	80	79	82	84	85	82	90	88	80	80	79		78.1
	Minimum	44	58	59	54	55	44	35	36	52	62	48	42	41	56	62	65	50	42	41	43	44	43	42	54	64	64	60	54	49	48		50.4
Mammoth Spring.	Maximum	70	77	73	67	63	50	53	65	80	77	61	50	59	77	74	74	61	53	51	67	65	77	81	83	84	84	81	75	75	81		69.6
	Minimum	47	48	41	47	50	36	23	32	38	59	43	29	37	50	61	57	49	39	40	31	43	35	44	48	60	59	60	47	49	39		44.7
Marianna...	Maximum	71	..	76	66	71	69	48	66	..	76	71	62	61	74	78	..	57	55	55	66	65	71	..	81	79	79	76	75	70	..		68.7
	Minimum	58	..	55	54	57	44	35	38	..	50	47	38	43	52	55	..	52	50	50	41	47	45	..	50	65	63	61	56	55	..		50.4
Marked Tree....§§	Maximum	73	79	70	65	69	50	52	67	77	75	60	50	60	71	78	75	65	53	53	67	66	76	78	83	80	80	78	65	70	77		71.3
	Minimum	50	50	45	49	52	40	32	35	40	52	42	32	36	45	58	58	52	42	41	36	44	41	46	50	62	60	59	53	50	44		46.5
Mena.............	Maximum	81	82	73	64	60	52	55	73	80	77	67	61	63	66	78	71	59	50	68	73	70	79	84	88	82	90	77	75	73	80		71.7
	Minimum	54	52	54	46	51	36	28	37	45	59	45	33	42	57	63	55	44	41	42	38	45	40	52	59	60	63	57	50	51	47		48.2
Monticello.	Maximum	76	84	75	65	72	70	54	66	76	76	72	60	62	75	82	75	64	58	54	73	70	74	80	81	78	86	77	78	70	77		72.0
	Minimum	50	54	54	54	52	42	34	40	50	62	48	40	40	50	56	64	54	44	44	43	48	49	56	59	62	62	60	59	54	54		51.3
Morrilton ....§§	Maximum	72	80	72	60	61	52	53	69	80	75	70	54	59	77	81	61	60	50	59	72	68	78	82	84	80	84	78	70	75	78		69.8
	Minimum	48	44	50	54	54	41	31	34	42	57	47	35	36	46	56	57	50	43	42	41	44	40	44	53	58	60	58	53	49	47		47.1
Mountain Home...	Maximum	70	78	72	67	61	44	57	65	85	76	65	54	60	78	81	76	58	47	56	70	65	80	84	85	86	86	79	65	73	83		70.2
	Minimum	47	44	45	48	43	36	25	39	41	50	42	27	42	50	64	56	41	39	39	35	41	37	48	52	58	62	57	51	49	41		45.0
Mt. Ida...........	Maximum	83	85	74	66	62	57	57	75	82	76	70	61	64	72	78	75	62	54	66	74	71	78	83	84	82	88	81	77	75	80		73.1
	Minimum	45	42	51	47	46	39	27	30	40	58	45	33	40	56	64	55	45	42	42	32	44	31	39	46	50	53	55	44	41	39		44.0
Newport..........	Maximum	76	80	72	65	67	63	49	67	79	75	71	63	58	78	77	76	64	57	50	68	67	75	79	82	81	83	77	69	73	77		70.6
	Minimum	53	49	47	48	53	40	31	33	43	60	46	33	33	49	62	64	52	43	43	42	46	43	47	51	64	61	59	56	51	45		48.2
Oden......... ..***	Maximum	81	85	75	53	60	52	54	73	82	72	68	62	64	67	78	64	60	50	65	74	78	82	81	82	82	88	77	73	75	79		71.2
	Minimum	60	51	52	49	48	35	30	37	46	58	50	33	43	58	59	53	47	45	45	40	46	37	48	53	58	62	56	50	46	44		48.0
Okay.............	Maximum	80	84	82	75	70	67	55	73	81	78	75	70	67	74	78	78	73	60	67	81	80	76	80	82	82	88	87	83	81	78		76.2
	Minimum	49	55	58	51	53	42	34	34	49	61	48	41	44	59	62	66	60	43	42	42	45	42	47	47	61	63	60	52	48	47		50.2
Ozark.............	Maximum	82	82	72	69	60	54	55	70	75	82	70	56	65	72	82	78	60	50	62	75	68	75	80	82	81	86	80	78	81	80		72.1
	Minimum	48	48	47	51	52	38	28	35	42	44	46	34	40	46	64	58	47	42	40	43	43	41	51	52	56	63	55	51	50	50		46.8
Paragould....... .	Maximum	70	74	71	66	66	56	50	63	74	71	69	61	58	73	76	74	66	61	49	65	65	73	77	80	80	79	77	70	70	77		68.7
	Minimum	49	51	44	41	52	39	29	37	40	58	45	32	40	49	61	60	53	43	42	35	45	39	45	47	62	59	62	55	50	44		46.9
Pine Bluff.........	Maximum	75	80	74	64	75	56	54	71	83	75	70	58	65	78	80	76	66	57	59	74	66	76	80	81	77	84	78	74	72	74		71.7
	Minimum	55	55	55	54	53	42	36	38	53	62	47	38	42	51	62	60	52	43	45	40	46	45	47	52	64	63	59	56	53	50		50.7
Pocahontas.......	Maximum	72	77	75	67	66	62	53	64	76	76	71	63	60	75	77	75	65	57	50	67	66	74	78	80	80	79	82	76	75	77		70.5
	Minimum	47	50	43	50	51	38	26	36	38	60	44	30	39	49	60	58	50	42	39	38	42	39	45	48	61	59	60	55	49	43		46 3
Portland	Maximum	78	84	80	67	75	71	52	73	78	80	73	61	67	77	83	79	70	63	58	75	69	75	81	81	81	87	76	80	73	77		74.1
	Minimum	52	51	55	50	51	41	35	33	45	59	46	42	38	46	57	63	52	42	41	36	48	41	43	50	60	58	58	54	50	48		48.2
Prescott............	Maximum	81	85	81	73	70	67	55	74	82	78	74	68	70	75	80	76	70	60	67	81	78	80	83	84	83	91	89	82	78	78		76.4
	Minimum	51	53	58	52	53	41	35	35	50	61	48	38	43	58	62	64	50	44	46	40	47	43	46	51	61	64	58	54	50	49		50.2
Rogers	Maximum	72	76	76	68	68	44	53	68	82	82	64	44	59	69	82	74	55	44	62	62	64	78	82	82	86	87	79	73	73	80		69.6
	Minimum	44	52	48	50	44	34	22	39	45	51	43	38	40	53	62	54	41	36	37	35	37	35	49	56	54	59	52	47	46	43		44.9
Russellville......‡‡	Maximum	79	83	84	71	60	59	55	69	83	82	72	70	58	72	83	80	62	56	62	68	68	77	83	83	84	85	86	81	76	80		73.7
	Minimum	53	53	49	54	59	40	29	33	41	61	47	34	45	54	64	58	50	42	40	38	42	39	45	49	55	60	57	52	48	47		47.9
St. Charles ......§§	Maximum	74	80	70	67	75	54	50	70	78	76	65	54	64	78	80	75	67	52	54	71	69	75	80	83	80	86	78	74	72	78		71.0
	Minimum	51	55	54	55	57	41	36	37	43	57	46	37	40	47	60	59	53	43	44	42	45	44	48	52	61	60	59	56	52	50		49.5
Searcy	Maximum	76	81	74	65	67	53	53	67	80	74	69	64	62	72	79	76	66	55	55	71	70	76	80	84	83	84	78	75	73	77		71.3
	Minimum	55	50	50	51	53	40	30	34	39	60	45	35	42	47	59	57	50	41	41	33	42	40	43	46	63	58	56	52	48	44		46.8
Stuttgart	Maximum	71	81	72	66	75	54	51	52	80	77	68	58	65	78	81	73	64	58	56	71	69	75	79	83	80	85	78	74	73	77		70.8
	Minimum	51	53	51	52	50	41	33	34	43	56	45	35	39	49	58	57	50	40	43	35	43	41	45	49	63	60	52	53	51	45		47.2
Stuttgart . ....‡‡§§	Maximum	74	80	71	65	73	53	50	70	77	74	65	56	64	76	78	74	66	52	53	70	68	73	77	81	79	85	77	73	72	75		70.0
	Minimum	48	54	54	54	54	42	35	36	42	52	47	37	39	45	52	58	53	42	44	38	45	43	46	50	63	62	60	54	53	48		48.3
Subiaco	Maximum	76	84	76	66	63	54	53	69	83	76	70	58	63	78	84	76	60	53	62	70	67	78	84	84	85	87	81	74	78	79		72.4
	Minimum	54	52	49	49	51	37	31	36	43	57	47	31	42	50	63	55	46	39	39	38	42	39	50	53	57	62	56	54	47	47		47.2
Texarkana	Maximum	85	86	80	72	71	67	57	76	82	81	75	69	70	74	80	77	73	60	70	83	75	80	83	85	83	90	87	83	73	79		76.9
	Minimum	52	58	59	57	55	41	34	37	51	61	49	42	42	60	62	65	49	42	40	44	43	44	50	55	60	65	60	55	49	52		51.1
Thornburg	Maximum	78	83	74	63	63	53	55	71	80	73	69	63	61	75	80	74	59	51	60	70	70	76	80	82	82	84	79	73	74	78		71.1
	Minimum	55	42	48	52	50	39	27	32	39	56	45	32	37	49	61	52	47	40	40	39	44	32	40	49	53	63	54	45	45	37		44.8
Turnpike..........	Maximum	71	77	68	60	55	51	47	62	72	71	61	52	53	65	74	68	52	46	55	63	70	68	71	76	75	81	75	69	70	72		65.0
	Minimum	56	50	46	47	47	30	23	36	49	52	38	24	41	48	58	51	44	32	33	38	32	36	50	55	52	62	54	37	48	52		44.0
Waldron	Maximum	80	83	..	72	63	86	54	73	83	..	72	65	63	71	83	75	62	..	64	74	..	..	..	85	84	90	83	76	75	80		74.8
	Minimum	50	..	50	49	53	38	29	34	42	..	47	33	43	56	65	54	..	41	43	38	..	37	..	..	55	61	56	46	45	45		46.2
Warren	Maximum	80	84	78	70	74	71	54	72	81	77	75	64	67	74	82	77	67	61	60	75	73	77	82	83	81	88	83	79	74	78		74.7
	Minimum	56	56	56	51	50	41	32	35	51	62	47	40	38	46	60	61	54	43	43	38	45	42	44	51	61	63	58	56	50	48		49.3
White Rock	Maximum	72	78	69	65	56	49	47	66	78	73	63	52	49	62	72	66	56	43	59	64	63	70	75	77	76	80	76	66	71	73		65.5
	Minimum	48	53	48	47	44	30	24	34	51	48	39	25	37	47	57	51	37	32	32	44	39	48	53	55	57	61	51	55	63	53		45.4
Wilson	Maximum	68	76	67	67	65	67	49	65	77	75	69	56	60	77	77	77	74	67	52	68	67	75	80	82	81	77	70	70	70	77		70.1
	Minimum	50	55	46	50	50	40	32	38	44	60	44	45	42	51	59	60	52	42	41	39	44	42	50	50	62	60	55	50	50	43		48.2
Wynne	Maximum	74	78	72	63	70	63	51	65	76	74	70	61	62	75	79	74	68	60	52	67	68	75	78	82	79	85	78	72	77	75		70.8
	Minimum	53	43	52	48	55	41	31	36	45	59	44	34	41	52	61	61	53	42	42	38	43	41	50	53	63	63	60	53	44	51		48.4

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope..........§§.. [Exp. Farm]	Evap.	.214	.208	.114	.230	.164	....	.516	.138	.248	.250	229	.189	.192	170	.094	*	.942	.178	.196	.136	.212	.329	.010	.331	.184	.162	.370	.254	.188	.201		6.878
	Mean tem.	64	69	65	54	60	48	44	55	58	63	60	50	53	57	68	70	54	48	55	60	58	55	61	62	66	72	69	66	68	61		59.9
	Wind move	25	31	30	46	42	91	97	35	80	76	76	73	47	47	52	62	89	145	50	36	59	25	19	24	5	22	42	12	23	56		1517
Irons Fork .....§§ [Exp. Forest]	Evap.	.134	*	.395	.198	*	....	.107	.098	*	418	.141	180	.160	.081	...	..	....	....	.048	.625	.123	*	*	.021	....	.158	.218	.127	.201	*		.....
	Mean tem.	....	....	59	56	53	42	39	....	60	. .	56	46	49	....	....	....	51	44	52	52	....	. ..	. ..	...	70	74	64	58	....	....		55.4
	Wind move	20	*	30	38	42	42	29	13	*	29	126	28	27	50	*	*	128	44	23	15	39	*	*	73	25	22	12	10	11	*		884
Russellville .... [Ozark Nursery]	Evap.	.222	.168	.262	.142	.054	.226	.109	.125	.184	.209	.164	.233	.159	.078	.070	....	.172	.138	.085	.081	.170	.190	.236	.184	.152	.186	.566	.232	.194	.206		5.367
	Mean tem.	66	68	66	62	60	50	42	51	62	72	60	52	52	63	74	69	56	49	51	53	55	58	64	66	70	72	72	66	62	64		60.8
	Wind move	5	27	41	65	4	120	43	44	33	85	57	77	35	35	41	69	111	113	107	14	36	26	22	19	18	19	46	38	29	5		1384
Stuttgart .....§§.. Rice Exp. Farm]	Evap.	.140	.169	.152	.207	.101	.238	.166	.093	.111	.250	....	.151	.147	.175	.119	.118	.057	.256	.068	.069	.173	.156	.181	.205	.165	.126	.163	.134	.196	.168		4.608
	Mean tem.	61	67	62	60	64	48	42	53	60	63	56	46	52	60	65	66	60	47	48	54	56	58	62	66	71	74	68	64	62	62		59.1
	Wind move	72	59	56	82	66	156	91	44	94	227	143	75	89	105	148	157	201	222	119	60	108	40	19	73	44	50	70	49	78	47		2844

Precipitation for April, 1939



Daily River Stages for April, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.4	6.3	6.2	6.3	6.8	8.3	12.0	11.5	11.4	13.8	12.8	11.0	9.8	8.8	8.3	8.3	11.8	14.1	15.4	15.3	13.8	11 8	9.6	8.2	7.8	7.3	7.0	7.0	6.7	6.4	
Van Buren	do	22	5.5	5.3	5 2	5.2	5.8	8.7	12.4	12.0	11.6	14.1	13.5	11.2	9.4	8 3	7.4	7.5	12.6	14.6	16.1	15.8	14.1	11.9	9.2	7.1	6.7	6.2	6.0	5.9	5.7	5.4	
Danville	Petit Jean	20	9.1	7.5	6 6	5.9	5.5	17.0	21.7	22.5	21.3	19.1	15.4	11.3	8.5	7.2	6.5	20.2	31.6	28.4	24.9	22.7	21 0	18.5	14.8	11.2	9.1	7.8	7.2	7.2	6.8	6 0	
Ozark	Arkansas	22	1.2	1.5	1.3	1.2	1.1	2.8	6.5	7.5	7.1	7.1	9.1	7.5	5.8	4.6	3.9	4.2	11.0	10.9	11.5	11.9	10.6	8.7	6.4	4.3	3.3	2.7	2.5	2.6	2.4	2.0	
Dardanelle	do	22	4.0	4.3	4.5	4.2	4.2	6.2	8.1	10.9	10.5	10.5	12.0	11.9	10.2	8.1	7.7	10.5	18.4	17.2	15 3	15.6	14.9	13.2	11.2	9.5	7.7	6.8	7.6	6.9	6.5	5.9	
Morrilton	do	20	0.4	0.4	0.5	0.6	0 2	1.2	4.4	6.8	8.2	7.7	8.2	9.4	8.2	6.6	5 2	5.1	14.1	16.1	14.8	15.0	14.8	13.4	11.5	9.6	7.7	6.2	5.5	6.0	6.0	4.2	
Little Rock	do	23	2 9	2 8	2.7	2.7	2.6	3.3	5.3	7.3	9.3	9.7	9.3	9.9	10.0	8.6	7.2	6.8	12.4	18.0	17.4	17.1	17.2	16.2	14.7	12.8	10.9	8.8	7.7	7.3	7.0	6.2	
Pine Bluff	do	25	6.4	6.0	6 0	5.8	5.7	6.1	7.1	9.5	11.4	13.1	13.4	13.2	13.8	13.4	11.9	10.7	11.8	19.0	20.9	20.7	20.6	20.3	19.2	18.2	16.7	14.8	15.0	11.9	11.8	10.9	
Gilbert	Buffalo	30	3.9	3.9	3.8	3.7	3.7	8.0	6.8	5.9	5.5	5 2	5.0	4.9	4.5	4.5	4.4	8.8	27.8	10.9	7.8	6.7	6.4	5.9	5.6	5.4	5.0	4.9	5.6	5.9	5.4	5.1	
Doniphan, Mo.	Current	16	3.1	3 1	3.0	3.1	4.2	6.5	9.2	7.8	6.3	5.7	5.4	5 2	5.0	4.9	5.1	5 5	7.1	13.3	10.5	8.8	8.0	7.9	7.0	7.0	7.0	6.5	6.1	5 7	5.5	5.2	
Black Rock	Black	14	7.8	7.3	6.9	6.5	6 2	12.6	15.8	15.4	15.2	15.2	15.0	14.6	13.7	12.8	12.0	13.6	21.9	24.7	21.1	22.5	21.9	22.1	22.1	22.0	22.0	21.9	21.8	21.3	20.6	20.1	
Heber Springs	Little Red	30	....	....	....	....	....	....		....	....	....	....	....	....	....	....	....	....	24.7	13.1	10.9	9.7	8.9	8.0	7.5	7.0	6.6	7.9	7.5	7.2	6.5	
OzarkBeachMo	White	30	1.0	1.7	1 2	0.0	0.0	5.0	6.8	9.5	7.0	6.0	5.2	4.8	4.6	3.4	3.6	3.0	8.6	12.0	14.9	10.8	8 2	7.0	6.0	5.4	5.2	4.8	4.6	4.7	4.5	4.3	
Cotter	do	21	4 0	4.0	4.0	4.0	4.0	4.6	8.3	8.1	9.0	10.0	8.0	6.8	6.1	5.8	5.8	6 8	13.7	15.0	14.5	16 6	11.9	9.6	8.8	7.8	6.9	6.6	6.5	6.1	6.0	6.0	
Calico Rock	do	18	2.5	2.5	2.4	2.4	2.5	6.8	10.9	8.6	9.1	8.2	7.0	5.9	5.2	4.7	4.4	6.3	25.4	28.5	17.5	16.9	13.7	10.4	8.7	7.6	6.9	6.3	6.0	6.9	6.1	5.5	
Batesville	do	23	8.6	8.3	8.4	7 9	7.8	12.1	16.1	17.0	15 5	16.2	14.6	12.9	12 0	11.3	11.3	13.0	27.2	32.8	30.7	24.7	23.5	19.9	17.1	15.5	14 3	13.3	12.7	12 8	13.3	12.4	
Newport	do	26	9.9	8.8	8.3	7.7	7.1	8.0	14.7	18.3	19.3	19.7	19.8	19.1	18.3	17.3	16.3	15.9	21.6	26.0	29.5	30.3	30.0	29.3	28.0	26.8	25.8	24.7	23.8	22.9	22.5	22.0	
Georgetown	do	21	17.8	16.9	15.9	14 8	13.8	14.2	16.2	18.0	18.6	19.0	19.4	19.8	20.0	20.2	20.3	20.3	29.9	21.9	23.0	24.3	25.7	26.4	26.9	27.0	26.8	26.4	26.0	25.6	25.0	24.4	
Clarendon	do	26	26.7	26.4	26.1	25.7	25 3	25.0	24.8	24.7	24.6	24.6	24.9	25.1	25 3	25.5	25.6	25.9	26.3	26.5	26.7	26.9	27.3	28.0	28.7	29.3	29.8	30.2	30.5	30.7	30.7	30.7	
St Charles	do	25	27.0	26.7	26.5	26.2	25.9	25.7	25.5	25.3	25.0	24.8	24.9	24.9	24.8	24.8	24.8	24.9	25.1	25.2	25.3	25.4	25.6	25.7	25.9	26.5	26.9	27.5	27.9	28.4	28.6	28.8	
Arkadelphia	Ouachita	17	7.6	7.6	6.5	9 0	9 1	17.7	19.8	20.2	14.6	11.0	10.4	11.4	10.0	9.0	8.5	8.3	28.2	27.3	24.6	17.2	13.0	10.0	8.4	6 7	8.0	8.0	8.0	7.6	6.2	5.3	
Boughton	Little Mo.	20	17.5	14.4	11.0	9.2	8.6	15.4	18.3	18.7	17 0	13.3	11.2	13.0	12.8	10.4	9.0	8 4	13.1	18.3	20.5	18.2	14.7	10.9	9.1	8.1	7.5	7.1	7.4	7.3	6.7	6.3	
Camden	Ouachita	26	28.2	28.7	28.4	27.6	26.0	25.0	26.0	28.8	31.0	32.5	33.2	32.7	31.7	30.7	29.3	27.7	25.8	26.0	29.5	35.0	37.6	37.2	36.0	33.0	31.8	29.2	26.6	24.0	22.0	19.9	
Benton	Saline	20	7.1	6.8	6.5	6 3	6.2	16.4	12.7	9.7	8.6	7.9	8 2	9.7	8 3	7.7	7.3	21.7	27.4	16.3	10.8	9.4	8.5	7.9	7.2	7.0	6.8	6.6	9.4	7.9	7.2	6.7	
Whitecliffs	Little River	25	24.7	24.2	23.2	20.8	17.7	17.2	21.3	24.5	25.8	25.5	24.8	23.3	21.9	18.5	16.1	14.0	13.2	23.8	26.9	27.8	27.5	27.0	26 4	25.6	22.7	20.4	18.4	16.2	15.0	14.1	
Index	Red	25	15.5	13.8	12.8	12 0	11.0	11.2	14.3	16.4	16.2	14.7	13.6	12.2	11.2	10.5	9.8	9.6	9.4	19.1	21 1	20.2	19.0	18.0	16.1	14.0	12.2	11.2	10.3	10.2	9.9	13.2	
Fulton	do	25	19.8	19.0	18.0	17.0	16.1	15.3	16.2	19 0	20.0	19.5	18.8	17 8	17.0	16.0	14 9	13.4	12.3	19.1	23.3	24.0	24.0	23.8	23.0	21.0	20.1	18.7	17.5	16.2	15.1	15.5	
Big Lake Outl't	St. Francis	10	11.6	11.3	11.0	10 8	10.6	10.6	10.8	11 0	11.4	11.6	11.8	11 9	11.8	11.7	11.5	11.5	11.5	11.8	12.6	13.4	24.0	14.4	14.6	14.7	14.6	14.5	14.3	14.1	13.9	13.6	
St. Francis	do	18	10.5	10.3	10.1	9.8	9.6	13.2	14.2	15.4	16.2	17 1	17 9	19.6	19.7	19.5	19.1	18.9	19.7	19.6	19.3	20.2	21.5	22.3	22.6	22.1	21.3	20.6	20.1	19.5	19.1	18.5	
St. Francis L.L.	do	..	25.0	..	24.6	24.4	24.2	24.3	24.2	24 0	24.0	24 0	24.0	....	24.1	24.1	24.1	24.1	24.3	24 4	24.6	25.0	25 4	25.6	25.7	25.9	....	26.0	26.2	26.4	26.5	26.6	
Marked Tree	do	17	4.9	4.3	3.9	3.5	3.0	4.5	5.4	5.7	5.6	5.1	4 7	4.4	4 2	4.0	3.8	3.7	5.1	5.9	5.8	5.4	5 0	4.8	4.6	4.4	4.2	4.0	3.9	3.8	3.7	3.6	
Parkin	do	28	24.1	23.7	23.1	22.3	21.5	21.8	21.8	21.6	21.2	20.5	19.8	19.0	18.2	17.4	16.8	16.5	17.6	18.5	19 0	19.1	19.0	18.8	18.6	18 6	18.8	19.1	19.7	20.2	20.7	21.1	
Madison	do	32	30.2	29.7	29.0	28.2	27.2	27.2	26.2	25.6	25 0	24.4	24.0	23 5	23.0	22 5	22.2	22.4	23.1	23.4	23.9	24.1	24.2	24.3	24.4	24.5	24.8	25.2	25.9	26.5	27.1	27.6	
Helena	Mississippi	42	46.1	44.7	43.1	41.5	40.0	39.1	38.4	37.9	37.7	37 6	38.2	38 6	39.1	39.5	39.7	39.9	40.4	40.6	40.9	41.3	41.7	42.0	42.5	43.0	43.5	44 1	44.9	45.6	46.2	46.7	
Arkansas City	do	42	38.5	38.1	37.4	36.6	35.7	34.8	33.9	33.2	32.6	32.1	32.1	32.4	32.5	32.6	32.7	32.8	32.9	33.0	33.6	34.3	34.7	35.1	35.5	35.7	36.0	36.2	36.4	36.8	37.2	35.7	

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year perio for stations with 10 to 14 years the means are for the period to 1935, inclusive §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation re corded is for the 24 hours ending at time of observation. [1] Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Precipi tation is measured in the morning; amount then recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measure ment. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla Boughton, Route 4, Prescott; Devils Knob, Salus: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana: Irons Fork, Irons For Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon: Springbank, Doddridge; Turnpike, Dover: White Rock, Cass Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Ther mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station.

Weather Bureau Office, Little Rock, Ark. 5-29-39-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

H. S. COLE

Vol. XLIV   Little Rock, Ark., May, 1939   No. 5

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

The mean temperature for the month, based on the reports of 73 stations, was 69.4° which is 0.2° above the 49-year average. Monthly means ranged from 62.7° at Lead Hill to 74.4° at Texarkana. The highest temperature during the month was 96° recorded at Camden on the 22d and at Waldron on the 24th. The lowest temperature was 34° recorded at Lead Hill and Thornburg on the 3rd. The greatest daily range was 50° at Mount Ida on the 5th.

The average precipitation for 110 stations was 4.85 inches, which is 0.13 inch below the 49-year average. Monthly amounts ranged from 0.35 inch at Index to 11.17 inches at Eureka Springs. Precipitation was below normal over the west-central and southwestern counties, and at a few stations in the east-central portion of the State. The greatest amount in any 24-hour period was 3.67 inches recorded at Bentonville on the 12th and 13th. The average number of days with 0.01 inch or more was 10.

Windstorms and heavy hail caused considerable damage during May. The damage to crops was estimated at $259,000 and to property $431,000. Most of this damage occurred on the 22d when straight-line winds swept over Pulaski, Lonoke and Jefferson counties.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
entonville	29.97	30.31	13	29.53	8	5.8	25	n	22	..	..	..	72
Fort Smith	29.93	30.23	3	29.55	8	7.3	31	s	25	80	54	51	58
Little Rock	29.93	30.25	3	29.52	8	7.5	41	n	22	84	60	60	64
emphis	29.95	30.24	3	29.54	8	6.9	29	sw	8	77	57	58	51

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Dense Fog	.	.	.	.	.	.	1	1		.	2	4	3	2	.	.	.	1	1	5	5	1	.	3	1	3	1	.	1	.	2
Light Hail	.	.	.	.	.	.	.	.	1	.	4	.	.	.	.	.	1	.	.	.	2	1	1		.	.	.	.	.	.	.
Moderate Hail		.	.	.	.		.		.		.	1	.		.	.		.		.	1	1		1	.	.	.		.	.	.
Thunderstorm	.	.	.	.	.	.	9	15	6	4	24	18	11	.	.	7	15	14	6	9	27	25	12	25	26	10	1	4	.	1	1

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67.8	95	36	9.52	0.0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	16	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0 0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70 8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67.6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0 0	7	18	8	5
1935	66 7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4.85	0.0	10	13	9	9
Period	69.2	107	24	4.98	T.	8	13	10	8

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Storms in May

Nature of storm	County	Location	Date	Time	Dir. moved	Length of path miles	Width of path miles	Killed	Injured	Damage	Remarks
Windstorm	Benton	Gentry and Springtown	14	: 0 a.m.	E	5	....	0	0	$ 3,000	Damage to fruit orchards and buildings.
Windstorm	Washington	Fayetteville	20	2:30 to 3 p.	....	....	....	0	0	....	Slight damage to property.
Windstorm	Washington	Fayetteville	21	a. m.	....	....	....	0	0	....	Slight damage to property.
Windstorm	Carroll	Eureka Springs	21	a. m.	....	....	....	0	0	....	Slight damage to property.
Heavy Hail	Pope	Turnpike	21	a m.	....	....	....	0	0	....	Slight damage to property.
Heavy Hail	Carroll	Eureka Springs	22	12:45 p. m	NE	....	2	0	0	3,000	Considerable damage to vegetation.
Windstorm	Pulaski		22	3:45 p. m. to 4 p. m.	SE	....		1	4	375,000	Considerable damage to crops; hundreds of trees, (shade, pecan and fruit) uprooted; many roofs damaged and signs and plate glass windows broken. Property damaged in Greater Little Rock estimated at $200,000. Windstorm of a destructive nature began in central Pulaski County and ended in central Jefferson County. Width of path was about 20 miles and the length about 45 miles.
Windstorm	Lonoke		22	4:00 p.m.	SE	....	....	1	5	175,000	Property damaged at England in Lonoke County was estimated at $50,000.
Windstorm	Jefferson		22	4:15 p m.	S	45	20	1	10	120,000	
Windstorm	Pope	Turnpike	22	p. m	....	....	....	0	....	....	Slight damage to property.
Windstorm	Washington	Fayetteville	22	12:15 p. m.	....	....	....	0	....	....	Slight damage to property.
Thunderstorm	Saline	Benton (1 mi. E of)	22	4:00 p. m.	....	....	....	1	....	....	Farmer, age 56, killed by lightning.
Heavy Hail	Pope	Turnpike	24	2:00 p m.	....	....	....	0	....	....	Slight damage to property.
Thunderstorm	Randolph	Pocahontas [3 1-2 miles S of]	24	4:00 p. m.	....	....	....	0	0	4,000	Lightning destroyed home.
Windstorm and heavy Hail	Randolph	Pocahontas, near	24	4:00 p. m.	SW	....	....	0	....	5,000	Damage to property, trees and shrubs.
Windstorm	Boone		24	3:00 p. m.	....	....	....	0	....	5,000	Property damaged.

Climatological Data for May, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	3	68.2	...	90	24	40	5	41	4.81	...	1.93	0	9	8	14	9	w.	L. R. Water Works
Amity	Clark	500	44	70.6[a]	+ 1.4	94[a]	24	42[a]	4	42[a]	5.19	- 0.21	1.60	0	10	8[b]	15[b]	6[b]	e.	J. W. Campbell
Arkadelphia	Clark	200	44	70.1	...	94	24	43	4	42	3.73	−1.40	1.82	0	9	10	17	4	se.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	55	...	...	...	...	...	...	...	6.39	+1.42	1.30	0	10	13	5	13	...	Herbert Neff
Batesville Airway	Independence	363	3	69.2	+ 2.2	90	24	41	3	40	5.12	...	1.31	0	14	7	12	12	se.	Airway Observer
Batesville	Independence	277	40	...	...	...	...	...	...	...	5.77	+0.78	1.42	0	12	16	3	12	...	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	68.8	+ 0.5	90	24	42	3§	39	5.15	+0.09	1.60	0	11	12	6	13	w.	J. E. Scanlan
Benton	Saline	285	4	66.6	...	91	24	39	3§	42	6.54	...	1.55	0	11	15	6	10	ne.	S. A. Burks
Bentonville	Benton	1295	34	67.3	+ 2.3	89	24	42	14	32	8.71	+3.50	3.67	0	14	16	4	11	s.	U. S. Weather Burea
Big Lake Outlet †	Mississippi	239	9	...	...	...	...	...	...	...	5.30	...	1.17	0	13	16	4	11	...	C. J. Brooks
Black Rock	Lawrence	259	38	..	...	...	...	...	...	...	7.14	+2.41	1.30	0	12	18	2	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	14	69.7	− 0.5	91	23	41	4	37	4.12	+0.20	1.98	0	10	16	6	9	s.	Samuel Norris
Booneville	Logan	465	25	70.2	+ 0.4	95	24	45	5§	42	3.68	−2.00	1.01	0	12	10	12	9	e.	F. H. Randolph
Boughton †	Clark	235	4	...	...	...	...	...	...	...	2.47	...	0.85	0	10	7	11	13	...	Harry J. Buie
Brinkley	Monroe	205	48	70.0	0.0	90	23§	42	3§	38	3.11	−2.26	0.90	0	11	14	10	7	ne.	R. J Torry
Calico Rock	Izard	361	35	...	...	...	...	...	...	...	5.55	+0.90	1.50	0	10	14[a]	2[a]	14[a]	...	William Jones
Camden	Ouachita	116	54	72.4	+ 1.6	96	22	44	3§	39	2.91	−1.80	1.30	0	8	8	8	15	s.	J M Knight
Clarendon	Monroe	172	35	...	...	...	...	...	...	...	2.55	−2.01	1.12	0	10	12	7	12	s.	R. M. Wheatley
Clinton	Van Buren	516	18	.	...	...	...	...	...	...	5.33	+0.50	2.70	0	12	10	21	10	se.	A L. Stephens
Conway	Faulkner	309	56	70.8	+ 0.8	92	24	44	3§	41	7.07	+2.01	3.25	0	10	12	13	6	e.	E. E Cordrey
Corning	Clay	293	46	68.8	+ 0.8	93	24	38	4	47	4.43	−0.30	0.71	0	12	15	5	11	s.	Winfred D. Polk
Cotter	Baxter	440	12	...	...	...	...	...	...	...	6.03	+1.14	1.60	0	10	19	2	10	...	O. B. McSpadden
Crossett	Ashley	175	27	69.7	− 2.1	92	28	37	3	43	7.09	+2.44	1.95	0	11	12	14	5	sw.	U. S. Forest Service
Danville	Yell	327	23	...	...	...	...	...	...	...	5.92	+0.13	1.05	0	13	12	10	9	...	J. M. Patterson
Dardanelle	Yell	330	53	70.5	+ 0.7	95	24	46	3	39	6.30	+1.11	1.57	0	15	11	10	10	s.	Geo. N. Goodier
De Queen	Sevier	426	4	71.2	...	91	24§	46	5	40	4.03	...	1.33	0	9	19	6	6	s.	E. B. Smith
Devils Knob †	Johnson	2350	3	65.5	...	82	29§	45	3	26	7.98	...	1.76	0	12	11	4	16	se.	U. S. Forest Service
Dumas	Desha	162	34	70.8	− 0.4	91	28	42	3	39	5.81	+2.34	1.53	0	13	6	18	7	s.	Ben Johnson
El Dorado	Union	270	39	71.7	+ 0.3	88	21§	45	3	36	3.11	−0.27	0.95	0	9	13	12	6	s.	Mrs. E. W. Gaston
England	Lonoke	229	33	68.4[i]	− 1.4	93[i]	31	44[i]	14	43[i]	...	...	...	0	..	10[i]	11[i]	1[i]	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	67.6	+ 1.2	91	24	43	14	30	11.17	+5.58	2.05	0	11	15	9	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington	...	2	66.2	...	85	24	41	14	33	6.02	...	1.43	0	12	7	15	9	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	67.2	+ 1.0	90	24	42	14	34	6.23	+0.94	1.54	0	12	13	11	7	s.	University of Arkans
Fordyce	Dallas	275	11	72.4[c]	...	91[c]	24	47[c]	4	35[c]	4.33	.	1.55	0	10	9[c]	17[c]	2[c]	s.	Miss Mercille McMur
Fort Smith	Sebastain	448	58	71.0	+ 1.4	94	24	48	14	37	3.48	−1.39	1.08	0	9	11	13	7	e.	U. S. Weather Bure
Ft. Smith Wtr. P †	Crawford	...	2	..	...	...	...	...	...	...	2.99	...	1.38	0	6	16	2	13	...	T. J. Wylie
Fulton	Hempstead	260	54	...	...	...	...	...	...	...	0.98	−3.67	0.26	0	7	15	1	15	...	T. J. Logan
Georgetown	Woodruff	200	27	...	...	...	...	...	...	...	2.92	−1.83	0.74	0	8	18	2	11	...	C. G. Long
Gilbert	Searcy	600	14	66.0	...	91	24	36	3	46	7.31	+2.87	2.35	0	11	19	0	12	...	F. E. King
Glenwood	Pike	547	4	...	...	...	...	...	...	...	3.67	...	0.70	0	10	15	7	9	...	C. A. Price
Grannis	Polk	950	20	69.9	+ 2.9	90	24	46	5	38	6.29	−0.11	2.36	0	11	9	13	9	se.	W. E. McVay
Gravette	Benton	1250	42	64.1	− 1.3	94	24	41	14	31	9.42	+4.00	2.45	0	12	17	7	7[b]	s.	Max W. Schmidt
Green Mountain †	Stone	1100	3	67.6[b]	...	87[b]	23	43[b]	14	27[b]	6.04	...	1.62	0	10	9[b]	13[b]	7	se.	U. S. Forest Service
Hankins †	Drew	...	2	...	...	...	...	...	...	...	2.54	...	0.90	0	8	..	.	..	...	Soil Conservation Se
Harrison	Boone	1052	39	67.6	+ 2.0	92	24	39	3	44	7.21	+2.00	2.45	0	14	20	3	8	e.	Louis R. Keck
Heber Springs	Cleburne	...	10	...	...	...	...	...	...	...	7.24	...	1.46	0	14	12	10	9	...	Lester B. Logan
Helena	Phillips	300	67	69.5	− 1.3	87	10§	44	3§	31	1.87	−2.82	0.50	0	11	9	10	12	ne.	James A. Burnett
Higden	Cleburne	445	20	...	...	...	...	...	...	...	8.12	+2.80	2.90	0	13	16	5	10	s.	Austin E. Cartwrigh
Highland	Pike	491	20	71.2	...	90	24	46	3§	34	4.20	−0.92	2.10	0	10	2	21	8	e.	J. O. Cooley
High Peak †	Montgomery	1834	1	...	...	...	...	...	...	...	2.97	...	0.70	0	8	7	10	14	s.	U. S. Forest Service
Hope ‡‡	Hempstead	375	69	69.6	− 1.4	91	22	45	3	38	1.08	−1.12	1.64	0	8	19	8	4	se.	Experiment Farm
Hot Springs	Garland	600	48	69.4	− 0.4	92	24	45	4	37	4.62	−1.39	2.00	0	10	8	17	6	s.	National Park Servi
Index †	Little River	275	22	...	...	...	...	...	...	...	0.35	−4.07	0.20	0	2	17	3	11	...	W. E. McDowell
Irons Fork †‡‡	Polk	...	1	66.6[j]	...	90[j]	24	40[j]	5	44[j]	8.02	...	2.49	0	10	13[j]	2[j]	6[j]	sw.	U. S. Forest Service
Jessieville	Garland	750	13	...	...	...	...	...	...	...	5.81	−0.28	2.47	0	9	7	15	9	w.	U. S. Forest Service
Jonesboro	Craighead	345	44	69.4	− 0.1	90	23	42	4	38	4.27	+0.08	0.85	0	12	8	9	14	sw.	Benedictine Sisters
Lead Hill	Boone	650	33	62.7	− 4.7	90	10	34	3	48	6.66	−1.83	2.30	0	12	18	8	10	w.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	60	69.8	− 0.5	88	24	51	14	32	6.95	+2.17	1.98	0	13	10	9	12	s.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	3	70.4	...	91	28	44	4	35	7.00	...	1.81	0	14	9	10	12	e.	W. B. Airport Stati
Lutherville †	Johnson	775	41	68.3	+ 0.3	89	24	47	4	38	6.93	+1.66	1.41	0	12	15	4	12	se.	H G. Lenhardt
Madison	St. Francis	209	9	...	...	...	...	...	...	...	5.00	...	2.00	0	10	6	3	22	...	J. W. Eppes
Magnolia	Columbia	315	23	73.4[b]	+ 2.0	95[b]	31	45[b]	3	39[b]	0.64	−3.83	0.49	0	3	4[b]	23[b]	2[b]	s.	State Agri. School
Mammoth Spring	Fulton	600	35	68.2	+ 2.2	91	24	37	3	43	4.94	+0.35	0.90	0	10	12	14	5	sw.	Mrs. Johnnie Morto
Marianna	Lee	235	28	71.1[d]	+ 0.9	91[d]	29	50[d]	4§	33[d]	2.09	−2.19	0.79	0	8	9[d]	17[d]	1[d]	s.	C. N. Houck
Marked Tree	Poinsett	229	35	69.7	+ 0.7	90	6§	42	4	39	7.22	+2.52	1.64	0	12	12	9	10	s.	Charles Walton
Mena	Polk	1207	51	70.4	+ 1.8	92	24	46	4	38	4.75	− 1.49	1.03	0	11	12	8	11	sw.	E W. St. John
Monticello Airway	Drew	273	3	72.2	...	90	22	48	3	29	2.86	.	1.12	0	9	5	17	9	sw.	Airway Observer
Monticello †	Drew	273	4	...	...	...	...	...	...	...	1.87	...	0.70	0	6	..	..	..	...	Soil Conservation Se
Montongo †	Drew	...	4	...	...	...	...	...	...	...	3.05	...	1.20	0	8	..	..	..	...	Soil Conservation Se
Morrilton	Conway	315	20	69.4	+ 0.4	89	10§	45	3§	40	6.67	+1.76	1.91	0	11	10	5	16	e.	Mrs. Freda M. Asher
Mountainburg	Crawford	2010	2	...	...	...	...	...	...	...	3.44	...	1.10	0	5	19	8	4	se.	C. A. Lovell
Mountain Home	Baxter	800	27	69.1	+ 3.0	95	23	48	1§	37	6.90	+1.89	2.40	0	10	17	4	10	w.	H. N. Halbert
Mountain Valley	Garland	273	2	...	...	...	...	...	...	...	5.22	...	1.98	0	12	12	9	10	s.	J. G. Scott
Mount Ida	Montgomery	702	40	67.8	− 0.2	93	23	36	3	50	4.39	−1.54	1.09	0	7	13	5	13	sw.	G. A. Whittington
Newport	Jackson	231	56	69.6	− 0.2	89	24§	44	3§	37	5.79	+1.43	1.36	0	13	15	8	8	n.	J. D. Henderson
Oden	Montgomery	800	12	69.2	...	90	24	42	4	41	3.57	...	0.99	0	9	7	16	8	s.	U. S. Forest Service
Okay	Howard	288	11	71.7	...	92	22§	44	4	41	8.04	...	1.03	0	9	16	10	5	s.	Charles R. Jackson
Osceola	Mississippi	250	39	..	...	...	...	...	...	...	4.80	...	1.97	0	10	16	5	10	...	G. H. Banks
Ozark	Franklin	396	44	69.6	0.0	92	30	47	15	35	3.81	−0.98	1.54	0	8	17	4	10	e.	Orkney O. Milton
Paragould	Greene	275	16	69.2	...	89	23	41	4	37	5.33	+0.53	1.52	0	13	17	9	5	sw.	J. E. Garrett
Parkin	Cross	222	9	...	...	...	...	...	...	...	2.48	...	0.80	0	7	14	3	14	...	Carroll King
Pine Bluff	Jefferson	215	52	71.0	− 0.4	90	24	47	4	34	5.37	+0.70	1.05	0	11	13	13	5	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	...	...	...	...	...	...	...	5.12	−0.15	1.31	0	8	5	14	12	w.	J R. Huddleston
Plantersville †	Drew	...	2	...	...	...	...	...	...	...	2.43	...	0.91	0	7	..	..	..	...	Soil Conservation Se
Pocahontas	Randolph	300	46	69.0	+ 0.7	91	24	40	4	38	5.39	+0.51	1.30	0	11	16	6	9	sw.	Benedictine Sisters
Portland	Ashley	122	33	70.8	− 0.8	92	24	43	3§	38	3.74	−1.61	1.35	0	13	6	13	12	sw.	W. E. Edmiston
Prescott	Nevada	318	51	72.9	+ 2.5	94	22§	46	3§	38	2.67	−2.38	1.28	0	10	11	9	11	s.	J. Craig Williams
Rock Springs †	Drew	...	4	...	...	...	...	...	...	...	3.05	...	1.10	0	7	..	..	..	...	Soil Conservation Se
Rogers (near) †	Benton	1300	49	66.8	+ 1.0	90	24	42	14	37	7.65	+2.59	2.67	0	11	16	7	8	sw.	Carl A. Starck
Rosebud †	Faulkner	680	5	...	...	...	...	...	...	...	5.43	...	2.12	0	9	10	11	10	w.	G. A. Maddox
Ross †	Drew	...	2	...	...	...	...	...	...	...	2.82	...	1.09	.	8	..	..	..	...	Soil Conservation S
Russellville	Pope	526	27	70.0	+ 0.4	93	24	44	3§	41	6.90	+1.31	1.95	0	12	20	0	11	se.	U. S. Forest Servic
St. Charles	Arkansas	175	6	71.0	...	91	22	48	4§	36	2.74	...	1.05	0	9	15	8	8	s.	U. S. Biological Surv
St. Francis	Clay	290	12	..	...	...	...	...	...	...	4.65	+0.70	0.88	0	11	20	1	10	...	A Boyce Boyd, Jr.
Searcy	White	245	29	70.0	+ 1.5	92	24	44	4	38	6.36	+1.92	1.56	0	13	18	2	11	se.	Walter A. Smith
Springbank †	Miller	240	30	..	...	...	...	...	...	...	1.36	− 3.17	0.51	0	7	11	6	14	...	Henry Field
Story	Montgomery	650	15	...	...	...	...	...	...	...	3.94	−1.13	1.00	0	9	12	11	8	s.	S. C Story
Stuttgart	Arkansas	214	52	70.2	+ 0.3	91	22§	44	3§	37	2.24	−2.61	0.70	0	8	13	12	6	n.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	4	69.8	...	92	28	44	4	37	3.05	...	1.18	0	13	..	..	..	...	Rice Experiment St
Subiaco	Logan	750	42	69.4	− 0.5	91	24	44	14	38	4.19	−1.08	0.86	0	11	18	5	8	se.	New Subiaco Abbey
Texarkana	Miller	332	54	74.4	+ 3.0	95	22§	47	3	42	1.16	−3.44	0.40	0	5	15	13	3	s.	H. S. Brashear

Climatological Data for May, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Thornburg	Perry	650	19	66.9	− 0 5	91	24	34	3	47	6.27	+0.53	2.35	0	12	11	11	9	s.	Edward E. Holmes
Turnpike †	Pope	2240	15	65.0		84	24	45	3§	29	9.06	+3.34	3.28	0	13	14	5	12	se.	U. S. Forest Service
Underwood †	Drew		2								2.60		1.00	0	8					Soil Conservation Ser.
Waldron	Scott	675	20	70.8^{d}		96^{d}	24	43^{d}	3	43^{e}	4.17	−1.83	2.33	0	7	9^{d}	12^{d}	6^{d}	ne.	Wilson Ferguson
Warren	Bradley	206	45	71.4	0.0	90	22§	44	4	39	4.15	−0.55	1.50	0	9	7	4	20	sw.	C. N. Turner
Whitecliffs	Little River	290	33								2.00	−2.38	0.60	0	6	14	5	12		L. M. Snead
White Rock †	Franklin	2285	3	66.1		85	24	47	3§	23	5 93		3.08	0	8	17	9	5	se.	U. S. Forest Service
Wilson	Mississippi	237	14	69.8	+ 0.4	89	23§	43	3	36	6.25	+1.25	3.10	0	8	20	1	10	s.	D. O. Anderson
Witt Springs	Searcy	1953	2								8.99		3.12	0	9	12	3	16	sw.	E M. Duncan
Wynne	Cross	167	31	69.3	+ 0.5	90	23	40	3	40	4.86	+0.14	1.62	0	9	11	11	9	s.	B. M. Eddins
State Means				69.4	+ 0.2	96	22§	34	3	50	4.85	−0.13	3.67	0.0	10	13	9	9	s.	

Daily Precipitation for May, 1939

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser. †	Ouachita						T.	T.	.24			.08	T.	.57				T.	.21	.28	T.	.08	1.20	T.	T.	.22	1.93						4.81
Amity	Ouachita			.12					.10	.17				1.12				.46	.65	.65	.27					.65	1.60						5.19
Arkadelphia[2]	Ouachita							.01	T.	.12					.33				.20		.05				T.	.51	1.82	.30		.39			3.73
Arkansas City[2]	Mississippi								1.17		.92								.03	T.	T.	.05		1.15	.25	1.30	1.04	.36		.12			6.39
Batesville Airway	White							.11	1.31			.32	1.09	.13				.05	.10	.08	.13	.67			.32	.20	.65	.01					5.12
Batesville River[2]	White								1.42	.06			.67	.92	.20				.27	.15		.15	.48			.70	.50	.25					5.77
Bee Branch	Arkansas								.10			.10	.55	.20				.10	.30	.35		.30	.35			1.20	1.60						5.15
Benton[2]	Saline						T.			.03	.04				.52				.07	.50	.69		.06	1.55		.68	1.30	1.10					6.54
Bentonville[1]‡	Arkansas							.06	1.72		.11	.06	3.57	.33				.11	.10	T.	.26	.58	.37		T.	1.41	.02	.01					8.71
Big Lake Outlet †[2]	St. Francis								.52	.03			1.02	.50	.03					.36	.36	.03	1.17			1.15	.03	.08	.02				5.30
Black Rock[2]	White								.72	06		T.	.45	.75	.92					.64	.85	T.	1.30	.03		1.01	.51	.40					7.14
Blytheville[2]	St Francis								.26				.86	.42	.08					.04	.08		1.98			.25	.08	.07					4.12
Booneville	Arkansas								.58	.02		.02	.07	.58				.82	.35	.05		.03		.01		1 01	.14						3 68
Boughton †[2]	Ouachita							.03	.17					.32			.07	.09	.02	.12						.85	.22		.58				2.47
Brinkley	White								.40			.01		.90			.05	.06	.05	.06		.64				.44	.43		.07				3.11
Calico Rock[2]	White								.24	.84				1.05	.09				.24			.32	.72			.10	.45	1.50					5.55
Camden[2]	Ouachita							.03	.04										.10		.23					.57	1.30	.59		.04			2.90
Clarendon[2]	White								.39	T.			.04				.22		.02			.23	.24	.02		.17	1.12	.10					2.55
Clinton	White								.51			.10	.68	.10		.07	T.	T.	.36	.43	.07	.16	.10			.05	2.70					T.	5.33
Conway	Arkansas													.52			.07		.42	1.04		.54	.79	.08		.24	3.25					.12	7.07
Corning[2]	White								.58	.40			.47	.61	.17	.03				.10	.37		.22			.71		.66				.11	4.43
Cotter[2]	White								.20				.48	.90					.30	.30		.50	.35			.95	.45	1.60					6.03
Crossett [near]	Ouachita						.06	.49	1.95	.07								.29	.21		.90		.70	1.01			1.29					.12	7.09
Danville[2]	Arkansas								.37	.03			.24	.52	.12				.64	.42	.36	.01	.56	1.05	T.		.74	.86					5.92
Dardanelle[2]	Arkansas								.25	.06			31	.18	.13		.05		.75	1.57	.03	.02	.88	1.03		.53	.49	.02					6.30
De Queen	Red								.28			.48		1.33				.26	.97	.57	T.					.06	.01	.07					4.03
Devils Knob †	Arkansas								1.56			.41	.81	.17				.44	1.26	.10		.66	.54		.02	.25	1.76						7.98
Dumas	Mississippi						T.		.45	.52									.06	.36	.05		.96	.20	1.53	.10	1.05	.02	.40			.11	5.81
El Dorado[2]	Ouachita							.10	.47										.40	.01	.07					.85	.95	.11		.15			3.11
England	Arkansas							.15	.40			.05					.41		1.50	.50		.95											
Eureka Springs	White								1.85			.61	1.95	.57				.93		.70	.32	1.30	.38			2.05	.51						11.17
Fayetteville	White							T.	1.43			.05	1.12	.43				.11	.67	T.	T.	1.16	.14			.85	.02	.03			.01		6.02
Fayetteville Exp. S	White								1.54			.04	1.47	.44			T.	.10	.63	T.	T.	1.04	.12			.76	.02	.04			.03		6.23
Fordyce	Ouachita						.14		.47	.03				.14				.35		.21				.69		.74	1.55		.01				4.33
Fort Smith[1]‡	Arkansas							.01	.51		T.	T.	.22	.70				1.06	.05	.02		.37			T.	.49	T.	T				T.	3.43
Fort Smith W. †[2]	Arkansas								.94	.08		.07		1.38					.31			T	.21										2.99
Fulton[2]	Red								.05	.08					.22				T.	.26	.10					T.	.15			.12			0.98
Georgetown[2]	White								.23				.05		.15				.74			.74			.49	.34	.18						2.92
Gilbert[2]	White								.30	.07		.14	.60	.88						.67		.17	.85	.14		T.	1.14	2.35					7.31
Glenwood[2]	Ouachita								.16	.09			.06	.43					.67	.70	.36					.25	.54	.41					3.67
Grannis	Red							T.	.23	.10		.02		1.55				2 36	.11	1.09	.28				T	.37	.05	.13					6.29
Gravette[2]	Arkansas							1.00	.25	1.55			2.45	1.50					.05	.32		.90		.32		.12	.90	.06					9.42
Green Mountain †	White								1.52			.16	1.18	.03					.36		.23	.75			.09	.10	1.62	T.					6.04
Hankins †‡	Ouachita								.22	.02								.20		.06			.44		.65	.05	.90						2.54
Harrison	White								.68			.17	1.83	.08		.02		.24	.31	.20	.38	.44	.23		.08	.10	2.45					T.	7.21
Heber Springs	White								1.02	.12			.09	1.46	.06				.21	.40	.08	.15	.51	.09		1.13	1.12	.80					7.24
Helena[2]	Mississippi								.23	.02									50	.12	.18	.22	.25			.07	.14	.13	.01	T.			1.87
Higden	White								.71			.11	.61	.09			.10	.46	.10	.65	.09	.84	1.25			.21	2.90						8.12
Highland	Ouachita								.19			.04		.69				.07	2.10	.34	.40					.04	.15		.18				4.20
High Peak †	Ouachita							.23				.11		.41				.60		.35					.47	.10	.70						2.97
Hope ‡†[2]	Red								.69	.13					.25			.54	T.	.11	.56						1.64			.16			4.08
Hot Springs	Ouachita								.23	.07		.19		.53				.40	.02	.31		T	.32		T.	.55	2.00						4.62
Index †[2]	Red							T.						T	T.					.20			T.				.15						0.35
Irons Fork †‡‡[2]	Ouachita								.72	.49		.02				.56		2.41		.94		.11				2.49	.25		.03				8.02
Jessieville	Ouachita								.25					.73					.70	.15	.10	.45	.90		.06		2.47						5.81
Jonesboro[2]	White								.85	.09			.62	.41	.07				02	.45	.49	T.	.52			.40	.03	.32					4.27
Lead Hill	White								1.14			.06	1.60	.17				.04	.35	.02	.20	.30	.08		T.	.40	2.30						6.66
Little Rock[1]†	Arkansas						.02	1.23	.24			.04	T	.12			.04	.55	.31	.23	T.	.25	1.13		.81	T.	1.98	T.					6.95
LittleRock Air'y[1]	Arkansas						.01	T.	.86			.03		.39	T.		.31	.20	.17	.44	T.	.25	1.32	.05	.65	.51	1.81	T.					7.00
Lutherville †	Arkansas						T.		.93			.10	.87	.22				.78	.80	.10		1.13	.28	.23		.08	1.41						6.93
Madison[2]	St. Francis								.68	T.			T.		.23				.27	.70	T.	.25	2.00			.10	.20	.52	.05				5.00
Magnolia	Red																				.04						.49		.11				0.64
Mammoth Spg[2]	White								.60	.62			.75	.90	.03					.25	.11	T	.29			.74	T.	.65				T.	4.94
Marianna	St. Francis								.79			.02							.46	.03		.48				.21	.07	.03					2.09
Marked Tree[2]	St. Francis								.33				.67	1.64	.03		.27		.04	.48	1.48	1.30			.72		.05	.21					7.22
Mena[2]	Ouachita								1.03	.30		T.	T.	.58	.10			.48	.48	.79	T.		.03	T.		.75	.12	.09					4.75
Monticello Airway	Ouachita								.28	.12								.32		.08			.30	.10	1.12	.20	.34						2.86
Monticello(near. †‡	Ouachita								.08									.10					.34		.70	.25	.40						1.87
Montongo †	Ouachita								.20	.03								.24		.17			.41		1.20	.15	.65						3.05
Morrilton[2]	Arkansas								.22				.04	1.20	.02		T.		.24	.46	T.		.21	.89		.10	1.38	1.91					6.67
Mountainburg	Arkansas								.96			.28	1.10				1.06		.04														3.44
Mountain Home	White								.50			.15	1.35	.20					.30	.15	1.00	.55				.30	2.40						6.90
Mountain Valley	Ouachita							.02	.23	T.		.17		.85				.64	.18	.10	T.	.30	.58	T	.07	.10	1.98						5.22
Mount Ida	Ouachita									.42				.65				.59	.12	.54					1.09	.98							4.39
Newport[2]	White								1.36	.04			.32	.86	.02				.22	.21	.01	.12	.44			1.36	.28	.55					5.79
Oden[2]	Ouachita								.99	.52		.05						.97	.22	.52						.22	.05				.03		3.57
Okay	Red								.19	.12		T.		.63				.02	.03	.10						1.03	.16		.76				3.04
Osceola[2]	Mississippi								.33			1.48	.23	T.					.09	.04	.05		1.97			.50	.02	.09				T.	4.80
Ozark[2]	Arkansas								1.12	T.		T.	T.	1.54	.01				.59	.04			T.	T.		.30	.12	.09					3.81
Paragould	St. Francis							T.	.44	.03		.09	1.52	.17		T.			T.	.17	.18	.09	1.00		.34	.37	.86	.07					5.33
Parkin[2]	St. Francis								.42					.09								.35	.80			.44		.23	.15				2.48
Pine Bluff[2]	Arkansas								.83	.07			T.						.29	T	.02	.39	.19	.54		.92	1.05	.42		.65			5.37

Daily precipitation for May, 1939 [continued]

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota
Pine Ridge[2]	Ouachita								1.31	.28				.48				.61		.96						.92	.51	.05					5.1
Plantersville †‡	Ouachita								.40									.19		.06			.33		.91	.06	.48						2.4
Pocahontas	White								.65				1.30	.34					.21	.17		.37	.49		1.24	.35	.17	.10					5.3
Portland[2]	Ouachita								1.35		.02								.41	.02	.12	.41		.50	.04	.03	.25	.48		.10		.01	3.7
Prescott[2]	Ouachita								.04	.14					.21				.05	.01	.19				.01		.67	.07		1.28			2.6
Rock Springs †	Ouachita								.40									.24		.08			.43		1.10	.15	.65						3.0
Rogers (near) †	White								2.67			.11	2.10	.13				.15	.40		.18	.61	.31			.91	.08						7.6
Rosebud †	Arkansas								.58			.22	.35	.34				.05	.28		T.	.25			1.24		2.12						5.4
Ross †‡	Ouachita								.25	.02								.20		.15			.41		1.09	.10	.60						2.8
Russellville ‡‡	Arkansas							T.	.63			.27	.32	.26				.05	.67	1.95		.61	.42	.01		.43	1.28						6.9
St. Charles[2]	White								.30	.07	T.								T		.21	.02	.06	T.		1.05	.64	.28		.11			2.7
St. Francis[2]	St. Francis								.11	.21		T.	.74	.42	.32	T.				.88	.67		.57			.61	.05	.07					4.6
Searcy	White								.80	.18			.10	.15	.02				.61	1.56	T.	.35	.34	.07		.52	1.56	.10					6.3
Springbank †[2]	Red							T.	.13						T.			T.	.51	.25	.12						.03	T.	T.	.29		.03	1.3
Story[2]	Ouachita							.11		.10				.71				.54	.21				.46		.19	.62	1.00						3.9
Stuttgart[2]	Arkansas								.36									.05	.04		T		.15	.48		.26	.70	.20		T			2.2
Stuttgart ‡‡[2]	Arkansas							.04	.31	.04								.15	.06		.07	.01	.12	.08		.22	1.18	.22		.55			3.0
Subiaco	Arkansas								.86			.23	.50	.76				.42	.31	.05		T.	.04	.01		.21	.80						4.1
Texarkana[2]	Red								.07						.38				T.	.10							.40			.21			1.
Thornburg	Arkansas						T.	T.	T.			.11	T	.89				.21	.08	.08	.04	.19	1.48	.07	.05	.72	2.35					T.	6.2
Turnpike †	Arkansas						T		.98			.32	1.01	.15		T	.08	.04	.80	.37	T.	.50	.89		.61		3.28	.03					9.0
Underwood †‡	Ouachita								.15	.04								.25		.18			.66		1.00	.06	.26						2.
Waldron	Arkansas								.24	.17				.81				2.33	.21						.33	.08							4.
Warren	Ouachita							.05	.30	.05								.28		T.				.83	.38	.48	1.50		.28				4.
Whitecliffs[2]	Red								.18	.20				.60						.24	.20						.58			T			2.
White Rock †	Arkansas								3.08			.21	1.14	.19				.43	.44			.38	T.			T	.06					T.	5.
Wilson[2]	Mississippi								.35				.45	1.50						.25	.06		3.10			.40		.14					6.
Witt Springs	Arkansas								1.25			.65	1.00			.31		.34		.88	T.	.89	.55				3.12						8.
Wynne[2]	St. Francis							.42				.12						.16	.24	.11		1.19			1.62	.70	.30						4.

Daily temperatures for May, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	80	82	74	79	81	81	75	73	76	87	80	76	76	72	83	85	78	75	73	80	81	87	86	90	84	75	86	86	85	87	86	80
	Minimum	48	49	42	50	40	52	58	60	52	48	56	55	49	48	47	58	57	60	61	64	65	60	60	63	61	65	63	61	57	58	60	55
Amity	Maximum	88	85	80	84	85	86	75	71	79	90	79	83	67	76	87	89	76	76	78	89	85	90	..	94	88	80	92	89	90	91	90	83
	Minimum	49	53	44	42	44	57	59	58	52	49	61	58	54	49	48	55	63	63	64	64	69	66	..	63	62	64	65	64	59	60	65	57
Arkadelphia §§	Maximum	86	80	78	81	83	84	77	75	82	90	80	80	77	78	82	88	78	77	80	90	85	91	89	94	89	81	91	91	87	91	86	83
	Minimum	46	50	46	43	44	55	58	59	52	48	58	57	53	47	48	47	48	62	62	63	66	65	62	63	63	65	65	63	61	60	65	56
Batesville	Maximum	83	75	74	77	83	85	81	78	78	88	80	65	56	74	84	84	86	81	81	78	76	87	89	90	85	77	87	87	86	88	85	80
	Minimum	50	51	41	42	43	51	63	62	53	49	65	55	52	44	49	58	57	63	65	65	62	58	64	68	65	68	70	65	63	60	66	57
Bee Branch	Maximum	82	82	75	76	79	80	80	80	76	87	87	65	63	74	80	84	84	77	75	75	79	85	86	90	88	82	85	85	85	85	85	80
	Minimum	49	54	42	42	45	52	63	62	53	48	58	54	50	44	48	61	59	63	64	67	64	60	62	65	64	66	68	60	60	60	65	57
Benton §§	Maximum	83	74	73	70	81	83	80	72	79	86	76	73	67	74	83	85	78	76	75	85	82	87	87	91	87	78	87	89	87	88	84	80
	Minimum	44	44	39	39	39	41	52	62	49	45	45	56	53	45	44	44	44	56	61	62	63	61	60	61	62	61	65	61	58	58	58	52
Bentonville ***	Maximum	80	76	77	79	80	81	79	62	75	85	69	58	63	71	82	85	76	73	79	85	78	80	88	89	80	77	80	78	84	86	86	78
	Minimum	49	52	45	50	52	57	60	56	50	53	55	51	48	42	52	62	59	60	59	61	60	59	64	65	65	62	62	61	56	62	62	56
Blytheville	Maximum	83	69	70	77	84	86	84	79	81	88	73	61	78	73	80	83	88	80	79	85	80	82	91	88	87	84	86	89	83	84	86	81
	Minimum	49	48	42	41	47	57	63	61	58	51	61	55	53	44	51	57	57	63	65	65	65	62	65	59	66	68	68	69	63	62	65	58
Booneville	Maximum	86	81	76	79	84	84	80	74	80	90	83	76	73	75	87	86	82	74	77	85	88	85	91	95	87	81	87	86	89	88	87	83
	Minimum	48	50	49	48	45	56	60	60	54	48	62	56	55	45	47	57	62	63	62	64	66	63	64	65	60	63	64	61	57	60	64	57
Brinkley	Maximum	84	79	72	75	82	84	82	76	82	87	80	72	69	74	82	86	87	79	79	76	79	88	90	90	73	81	87	90	86	88	87	81
	Minimum	49	53	42	42	44	57	62	64	56	54	60	56	51	49	47	61	58	63	64	66	62	63	61	65	64	68	70	70	63	65	62	58
Camden	Maximum	85	85	77	81	84	82	80	82	81	90	85	90	86	77	84	89	86	78	79	90	89	96	89	89	93	82	90	90	88	91	89	85
	Minimum	48	53	44	44	46	58	60	59	54	51	66	60	57	52	49	53	63	64	65	63	70	67	64	66	63	66	69	67	63	62	65	59
Conway	Maximum	86	81	76	80	83	85	81	78	81	91	79	73	68	76	85	86	83	82	77	78	84	88	90	92	87	80	90	88	87	88	83	82
	Minimum	50	54	44	44	47	55	63	65	55	50	62	58	53	46	49	59	61	62	64	67	66	60	64	68	65	68	67	63	62	62	67	58
Corning	Maximum	86	77	74	79	85	87	85	77	76	87	72	67	57	74	83	84	88	83	79	83	76	89	91	93	86	82	85	85	87	90	84	81
	Minimum	45	49	39	38	44	51	60	61	55	48	60	51	50	41	50	52	56	61	63	64	61	60	63	67	65	68	70	63	59	60	64	56
Crossett	Maximum	84	80	76	80	83	81	81	82	79	89	87	87	80	78	82	88	80	78	83	87	89	91	89	90	86	77	87	92	89	89	85	84
	Minimum	41	45	37	40	40	56	56	58	50	46	53	58	59	48	44	49	59	57	60	62	64	68	60	60	59	65	66	66	64	58	62	55
Dardanelle	Maximum	85	78	75	79	84	85	78	76	80	90	88	73	71	74	85	85	83	76	76	80	82	85	85	95	86	75	88	87	86	88	87	82
	Minimum	51	55	46	47	47	55	63	64	55	51	63	57	54	48	49	61	62	64	64	66	64	60	64	66	66	67	66	62	60	63	66	58
De Queen	Maximum	84	84	76	79	81	83	78	76	82	88	83	86	76	77	79	84	81	77	81	89	85	90	85	91	90	87	91	89	86	90	83	83
	Minimum	48	51	48	47	46	56	59	55	52	48	65	60	57	55	51	55	64	63	63	67	70	66	64	64	65	66	65	63	60	60	66	58
Devils Knob	Maximum	81	75	71	73	75	72	69	66	73	81	74	61	59	69	79	78	74	70	69	71	77	77	81	81	79	73	77	73	82	82	80	74
	Minimum	57	54	45	50	56	58	58	55	53	56	52	49	46	47	53	60	58	57	58	62	59	58	59	61	60	62	63	63	62	64	64	56
Dumas	Maximum	82	75	80	85	85	86	86	79	78	80	90	75	70	76	79	84	77	80	75	87	85	85	82	85	85	88	89	91	89	90	80	82
	Minimum	50	53	42	47	46	61	61	62	55	57	52	59	58	50	49	56	62	61	65	65	70	62	63	66	63	66	70	64	65	70	66	59
El Dorado	Maximum	83	82	75	81	84	82	81	77	79	86	85	83	80	76	83	86	80	76	80	86	88	88	86	87	85	78	83	80	85	87	86	82
	Minimum	50	55	45	48	48	65	63	60	57	55	63	63	61	52	51	51	68	64	66	57	72	73	66	68	65	67	71	68	65	67	65	60
England	Maximum	78	75	75	76	81	84	81	80	81	90	85	83	80	86	88	86	81	80	79	83	84	..	..	..	..	..	..	..	..	..	93	82
	Minimum	48	51	50	48	52	59	61	61	54	54	51	49	45	44	45	47	59	61	64	65	67	..	..	..	..	..	..	..	..	..	68	54
Eureka Springs	Maximum	81	76	76	80	81	81	82	65	75	85	79	61	61	70	80	85	80	75	78	84	76	79	86	91	81	74	78	80	63	86	85	78
	Minimum	53	53	46	52	55	57	60	56	49	56	53	51	47	43	54	60	57	58	62	60	60	56	63	65	63	62	63	60	55	63	62	56
Fayetteville	Maximum	77	76	75	77	77	79	77	66	72	82	79	65	57	67	78	82	78	71	76	83	76	80	85	86	83	74	78	77	80	83	83	76
	Minimum	48	48	45	50	46	60	61	56	50	49	55	51	49	41	48	58	58	60	59	63	61	57	65	65	63	66	61	60	55	61	60	55
Fayetteville Exp. S	Maximum	81	79	78	80	79	80	79	73	74	82	73	65	58	70	80	83	77	73	79	84	78	80	85	90	85	77	78	76	83	85	84	78
	Minimum	49	49	44	47	46	58	62	57	50	52	56	51	49	42	49	59	59	60	59	63	60	58	63	67	64	65	63	60	57	61	60	56
Fordyce	Maximum	84	83	76	82	..	81	81	82	80	88	87	80	80	83	..	..	85	77	76	79	85	89	85	91	87	81	86	88	88	89	88	83
	Minimum	55	55	50	47	..	63	62	62	56	55	62	60	55	60	..	..	64	63	61	62	65	66	64	66	64	67	70	65	64	64	68	61
Fort Smith***	Maximum	82	82	76	80	83	84	80	70	77	90	75	74	64	72	84	86	70	75	78	85	83	84	90	94	85	84	84	84	88	89	81	81
	Minimum	55	58	52	52	54	60	62	60	58	53	65	58	53	48	52	62	64	64	62	66	66	65	66	69	63	67	68	67	62	66	67	60
Gilbert§§	Maximum	83	76	78	80	82	83	77	74	78	90	76	63	63	73	83	85	83	78	78	80	77	86	88	91	83	78	85	83	85	88	84	80
	Minimum	43	43	36	41	40	44	58	53	46	44	58	51	50	43	44	54	53	58	59	48	58	53	58	61	63	63	56	55	55	55	57	51
Grannis	Maximum	84	84	75	78	80	82	74	74	80	87	79	79	68	75	82	84	73	75	78	86	82	87	81	90	87	85	87	86	86	88	84	81
	Minimum	52	58	47	47	46	55	57	54	52	49	62	59	55	51	51	57	63	61	63	66	70	67	63	65	66	65	66	63	59	61	64	58
Gravette§§	Maximum	72	70	68	68	71	72	72	64	67	72	66	58	59	62	72	72	85	69	82	87	81	80	92	94	75	71	69	71	75	75	72	72
	Minimum	50	47	49	49	49	57	60	59	46	50	55	50	49	41	49	50	60	60	57	61	61	60	61	65	64	64	63	62	54	61	62	55
Green Mountain	Maximum	79	75	70	75	79	80	75	73	73	86	82	63	53	70	79	..	..	80	75	77	75	83	87	85	79	76	82	80	81	83	79	77
	Minimum	53	54	49	50	57	60	63	57	54	60	55	49	48	45	54	..	..	59	61	60	60	60	64	65	63	64	65	65	62	66	68	58
Harrison	Maximum	84	80	75	84	84	86	83	75	70	90	85	65	69	73	84	84	82	73	81	81	75	81	89	92	83	78	87	81	86	87	84	81
	Minimum	47	49	39	43	45	49	59	58	51	46	41	52	49	42	48	58	57	60	59	61	60	53	60	63	64	66	62	60	56	58	58	54
Helena	Maximum	78	73	69	74	80	83	80	76	78	87	79	73	72	71	79	83	87	76	74	75	80	83	87	82	85	83	83	87	84	86	81	79
	Minimum	51	54	44	44	54	62	62	63	52	56	62	59	54	48	47	58	62	62	64	65	64	62	62	67	67	68	67	69	63	64	66	59
Highland	Maximum	84	83	75	77	81	82	84	78	81	88	80	80	75	75	82	85	76	72	78	85	85	89	85	90	87	89	88	88	87	88	85	82
	Minimum	58	57	46	46	50	60	61	56	53	54	64	59	56	51	53	58	65	60	63	65	68	70	65	66	72	65	64	66	60	62	65	5
Hope §§ ‡‡	Maximum	68	82	75	75	76	82	76	70	76	89	75	79	61	70	76	79	73	76	74	88	84	91	89	89	88	85	87	85	86	88	80	7
	Minimum	50	55	45	46	46	52	61	57	55	51	61	61	58	53	51	55	62	63	65	66	70	68	67	67	66	64	69	66	63	62	67	5

Daily temperatures for May, 1939, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hot Springs........	Maximum	83	78	75	78	82	82	78	71	77	87	77	75	72	73	83	85	77	74	75	85	81	86	86	92	85	75	87	85	85	86	84	80.6
	Minimum	52	52	46	45	47	57	60	61	55	50	62	59	53	47	48	54	61	63	62	66	67	65	62	65	63	66	65	64	59	60	65	58.1
Irons Fork.....§§‡‡	Maximum	82	80	75	77	..	..	82	68	76	86	76	.	..	77	82	..	83	..	79	..	86	85	83	90	85	..	.	84	..	85	83	81.1
	Minimum	40	45	42	41	40	..	..	56	48	42	60	58	..	..	42	49	..	58	..	62	..	59	66	57	59	63	..	..	51	..	57	52.1
Jonesboro	Maximum	81	77	70	76	83	85	85	77	79	85	81	66	57	74	76	81	89	77	81	86	78	86	90	89	87	81	86	87	86	88	84	80.9
	Minimum	49	52	44	42	45	53	60	61	53	55	60	52	50	45	53	57	58	62	62	64	60	61	64	69	65	67	69	69	62	62	68	57.8
Lead Hill..........	Maximum	71	76	63	71	83	85	76	69	76	90	79	63	56	72	74	75	82	66	74	72	75	72	89	79	76	76	71	73	73	87	76	74.8
	Minimum	40	41	34	38	40	43	53	58	46	42	55	50	49	39	41	52	53	59	49	58	58	50	57	62	64	64	57	55	53	55	55	50.6
Little Rock..***	Maximum	80	72	70	75	80	82	78	71	78	86	70	69	60	71	82	82	78	79	72	79	81	86	87	88	84	75	86	86	85	85	81	78.6
	Minimum	55	57	51	51	52	63	64	60	57	54	63	57	52	51	51	63	64	64	64	65	70	62	65	66	65	68	69	69	66	66	69	61.1
Little Rock........ [Airway]	Maximum	82	75	73	76	82	84	83	75	81	88	82	70	69	73	85	83	81	80	73	80	82	87	90	89	85	79	88	91	85	87	83	81.3
	Minimum	52	53	45	44	47	57	62	65	56	53	61	58	53	50	50	61	61	63	65	66	68	62	63	67	65	68	69	69	63	63	67	59.5
Lutherville........	Maximun.	83	78	71	75	80	82	76	72	77	87	79	67	65	73	80	82	77	75	73	74	81	80	84	89	83	75	84	83	85	85	85	78.7
	Minimum	55	60	48	47	50	56	62	49	53	49	58	53	52	48	51	60	64	62	63	65	63	58	64	66	64	65	64	62	58	62	64	57.9
Magnolia..........	Maximum	85	85	79	82	85	85	85	78	80	90	89	88	83	82	85	90	88	78	81	89	90	94	91	93	..	..	93	89	90	94	95	86.8
	Minimum	48	54	45	51	49	64	62	57	54	51	62	62	56	54	50	58	64	64	65	68	71	72	68	68	..	..	67	65	64	64	67	60.1
Mammoth Spring.	Maximum	85	79	75	80	84	85	82	78	77	88	81	67	63	75	83	84	88	79	79	83	75	87	90	91	84	78	85	83	85	89	86	81.5
	Minimum	45	52	37	38	42	46	56	60	53	45	59	52	54	41	49	50	55	61	64	64	60	59	61	68	66	66	68	58	58	57	61	55.0
Marianna...	Maximum	80	78	70	75	80	82	..	80	78	85	82	71	72	..	83	85	84	76	75	75	..	84	89	85	85	82	86	..	91	87	81	80.8
	Minimum	51	59	53	50	54	62	..	65	57	58	63	60	56	..	50	61	62	65	66	67	..	64	61	68	67	71	70	..	66	65	68	61.4
Marked Tree....§§	Maximum	82	70	73	80	85	90	90	78	80	85	71	60	60	74	82	83	88	78	77	82	78	85	89	88	87	81	85	90	85	88	82	80.8
	Minimum	44	53	46	42	46	54	63	60	56	54	61	54	52	47	56	58	59	64	61	65	62	63	64	68	65	68	68	68	65	62	69	58.6
Mena.............	Maximum	84	81	78	82	82	77	76	70	80	88	79	79	74	73	86	85	76	79	83	90	86	88	85	92	89	87	88	85	86	88	85	82.6
	Minimum	50	52	49	46	52	54	58	52	53	50	65	58	54	51	50	60	60	63	63	65	70	66	66	64	63	66	62	65	58	60	63	58.3
Monticello.	Maximum	84	76	73	78	81	84	80	76	80	87	85	82	70	74	83	86	78	80	79	82	88	90	80	88	84	76	85	88	89	88	84	81.9
	Minimum	56	60	48	50	54	65	64	64	56	60	61	62	61	54	54	58	66	64	66	65	68	65	64	66	64	68	68	72	68	72	70	62.4
Morrilton ....§§	Maximum	84	76	72	77	82	83	85	73	79	89	71	73	61	74	85	85	81	79	76	78	83	86	88	89	85	76	89	85	86	87	83	80.6
	Minimum	52	53	45	45	47	53	57	58	54	49	62	58	53	47	49	54	62	64	64	65	66	60	62	68	67	68	67	63	62	63	66	58.2
Mountain Home...	Maximum	85	74	78	81	85	85	80	73	78	92	73	65	61	75	83	85	85	78	79	81	74	86	95	91	84	78	86	78	87	90	87	81.0
	Minimum	48	52	48	55	60	58	59	50	50	60	60	50	53	55	51	52	57	61	61	60	60	55	61	67	65	64	60	60	58	60	62	57.2
Mt. Ida...........	Maximum	85	82	76	79	87	84	76	72	80	84	77	78	72	75	86	86	73	75	79	87	77	77	93	87	83	88	87	88	89	88	85	81.8
	Minimum	43	44	36	37	37	47	61	60	50	42	60	55	60	44	43	50	58	63	62	60	63	63	60	62	65	61	58	56	54	55	60	53.8
Newport...........	Maximum	83	78	73	77	83	86	83	75	77	86	79	65	59	73	82	84	88	78	79	80	76	87	88	89	85	79	85	88	85	89	83	80.7
	Minimum	51	54	44	44	46	54	63	63	54	51	59	54	53	45	59	59	59	63	64	58	62	61	64	69	65	70	70	65	63	63	63	58.5
Oden......... ..***	Maximum	83	81	76	83	81	83	74	73	79	88	76	76	62	73	84	85	71	75	76	86	84	85	83	90	84	83	85	85	87	87	83	80.7
	Minimum	49	50	44	42	43	56	62	60	55	48	63	59	52	49	48	57	62	65	64	66	70	65	65	62	63	66	64	63	57	60	63	57.8
Okay.............	Maximum	85	85	81	79	82	83	83	77	82	88	88	85	80	77	82	86	85	76	80	88	87	92	90	92	92	87	90	89	90	89	90	85.2
	Minimum	47	52	45	44	47	47	55	55	53	47	66	62	57	53	50	54	66	63	64	68	71	66	67	63	64	67	66	58	59	62	67	58.2
Ozark............	Maximum	84	80	74	82	82	83	84	69	82	85	82	71	68	69	82	81	84	73	78	81	82	83	85	91	83	80	84	83	87	92	91	81.1
	Minimum	51	53	59	52	48	50	50	56	53	50	63	56	57	59	47	52	61	63	64	65	64	60	63	67	66	67	60	60	58	62	62	58.0
Paragould....... .	Maximum	80	74	69	74	81	84	83	76	77	83	77	68	58	73	79	81	88	79	79	86	76	86	89	88	87	82	84	85	85	88	84	80.1
	Minimum	48	52	43	41	44	52	60	63	56	51	62	53	51	44	51	57	57	64	63	66	61	64	65	67	67	69	71	69	63	62	68	58.2
Pine Bluff.........	Maximum	81	75	72	76	82	84	82	73	75	85	75	77	67	82	85	86	76	80	75	84	85	88	86	90	83	77	85	85	83	86	81	80.7
	Minimum	52	57	48	47	50	64	64	63	57	56	64	59	57	51	51	61	63	63	66	65	72	67	64	67	64	67	69	69	65	65	69	61.2
Pocahontas.......	Maximum	82	80	73	77	82	83	81	77	79	86	83	70	58	73	84	83	85	83	78	82	80	88	89	91	85	83	84	85	86	88	87	81.5
	Minimum	46	52	45	40	44	50	60	62	55	48	59	52	51	42	50	54	56	62	64	66	60	61	63	66	65	67	68	60	59	60	64	56.5
Portland	Maximum	81	78	73	78	84	85	81	81	82	85	87	85	77	76	82	88	81	78	80	85	88	89	85	92	87	79	86	90	87	89	80	83.2
	Minimum	48	51	43	43	46	60	59	60	56	51	58	59	60	50	48	53	60	59	64	63	66	69	63	64	62	66	66	67	64	64	65	58.3
Prescott............	Maximum	86	82	80	81	85	86	83	78	82	91	89	84	81	77	85	89	87	75	80	91	89	94	89	94	91	82	93	90	82	90	87	85.6
	Minimum	51	55	46	46	49	59	60	58	56	53	67	61	57	54	52	57	65	63	65	66	72	69	66	62	66	66	66	66	63	63	67	60.2
Rogers	Maximum	51	78	79	81	82	81	79	65	76	86	82	62	61	73	83	86	82	75	79	86	78	81	89	90	85	73	79	80	84	87	87	79.7
	Minimum	46	48	43	44	45	51	58	57	47	48	54	51	48	42	46	58	57	59	58	61	60	55	60	62	63	64	62	58	53	57	58	54.0
Russellville......‡‡	Maximum	85	84	77	78	84	85	82	77	80	90	90	71	71	75	84	85	82	77	76	78	84	84	86	93	91	81	88	86	87	88	86	82.7
	Minimum	51	53	44	44	47	52	59	60	53	49	61	56	54	45	45	47	60	64	64	65	71	58	63	65	66	67	63	61	60	62	64	57.2
St. Charles ......§§	Maximum	85	74	73	79	83	85	84	75	80	86	78	76	69	76	84	84	84	79	76	79	83	91	88	88	85	82	86	89	88	89	80	81.9
	Minimum	51	54	49	48	52	60	63	64	52	54	61	59	55	50	48	59	60	60	66	65	67	63	60	75	64	68	69	70	64	66	67	60.1
Searcy	Maximum	83	74	75	78	84	85	81	74	80	86	76	70	62	75	83	86	87	84	78	80	80	90	88	92	87	77	86	87	87	90	87	81.7
	Minimum	49	55	46	44	46	55	61	64	53	51	60	55	52	48	48	63	58	62	65	65	64	61	62	68	64	67	70	63	62	62	66	58.4
Stuttgart	Maximum	83	74	76	77	82	85	83	78	81	88	79	76	72	76	84	84	84	80	77	82	84	91	86	91	88	79	89	91	87	90	81	82.5
	Minimum	46	53	44	44	47	56	60	62	54	52	59	56	54	47	47	56	57	58	62	63	66	65	59	64	61	69	69	66	62	66	75	58.0
Stuttgart . ....‡‡§§	Maximum	81	73	76	77	84	80	82	76	80	88	76	75	68	74	83	84	85	79	75	81	84	79	87	80	88	79	86	92	86	90	81	80.9
	Minimum	49	52	45	44	50	59	63	64	53	53	60	58	56	48	46	57	59	58	64	66	69	60	60	66	63	66	71	70	63	65	66	58.8
Subiaco	Maximum	85	82	76	81	83	84	79	72	78	87	80	75	66	75	83	86	77	79	77	83	85	85	86	91	85	81	84	85	86	87	86	81.6
	Minimum	52	54	45	46	47	57	60	61	55	49	59	53	52	44	50	60	60	61	60	63	63	60	60	64	65	64	63	62	59	61	61	57.1
Texarkana	Maximum	87	86	89	82	85	85	80	79	82	92	87	86	80	78	86	89	80	77	83	90	90	95	88	95	93	89	93	92	91	94	91	86.9
	Minimum	50	56	47	50	52	62	61	57	55	52	65	61	61	55	51	58	65	65	65	67	71	72	70	69	70	70	68	68	68	65	70	61 8
Thornburg	Maximum	84	76	74	78	80	81	77	77	79	89	78	76	65	73	86	85	80	79	74	84	80	85	87	91	85	73	80	87	83	88	84	80.6
	Minimum	45	45	34	36	40	45	63	61	49	42	57	56	50	40	40	54	54	62	63	62	64	54	60	60	61	66	63	58	53	53	60	53.2
Turnpike..........	Maximum	79	72	70	73	75	75	70	66	72	80	74	61	57	69	71	79	74	70	68	70	74	77	79	84	79	70	77	78	80	80	78	73.6
	Minimum	59	54	45	49	55	60	59	55	51	57	53	50	45	46	54	61	60	58	59	56	59	57	60	62	50	61	64	65	61	64	64	56.5
Waldron	Maximum	83	82	78	81	84	83	.	80	79	90	88	79	76	74	85	87	83	78	81	90	..	89	89	96	93	83	..	86	89	..	90	84.3
	Minimum	48	49	43	44	44	61	..	61	50	47	63	59	56	45	68	55	61	63	63	64	..	63	67	63	65	65	..	..	57	60	61	57.2
Warren	Maximum	83	79	75	80	83	83	83	75	81	87	84	81	78	75	88	87	84	79	80	87	87	90	83	81	87	80	85	89	87	90	85	83.1
	Minimum	49	55	45	44	48	62	60	60	55	55	60	60	59	51	49	54	61	62	60	64	70	68	64	64	63	73	69	70	69	63	67	59.8
White Rock.......	Maximum	78	75	69	72	75	78	71	68	73	80	77	64	61	66	74	78	70	68	72	76	78	78	79	85	79	76	77	76	80	80	79	74.6
	Minimum	58	59	47	51	55	59	58	54	54	58	54	49	47	47	53	63	58	55	58	61	59	60	63	67	62	61	62	64	61	64	64	57.6
Wilson	Maximum	81	79	69	74	82	85	83	76	83	86	76	67	70	71	80	81	86	80	77	83	81	83	89	85	83	85	85	89	89	84	84	80.8
	Minimum	49	50	43	44	46	60	65	62	52	54	64	55	53	47	50	59	58	64	64	66	64	63	65	69	65	66	63	65	65	64	67	58.7
Wynne	Maximum	81	70	70	76	82	83	83	77	80	85	76	70	64	75	87	84	88	76	79	81	79	85	90	87	86	82	86	89	84	88	88	81.0
	Minimum	49	52	40	44	49	58	63	63	53	54	62	57	53	47	47	58	62	67	68	65	61	62	65	68	64	69	59	68	62	62	68	58.7

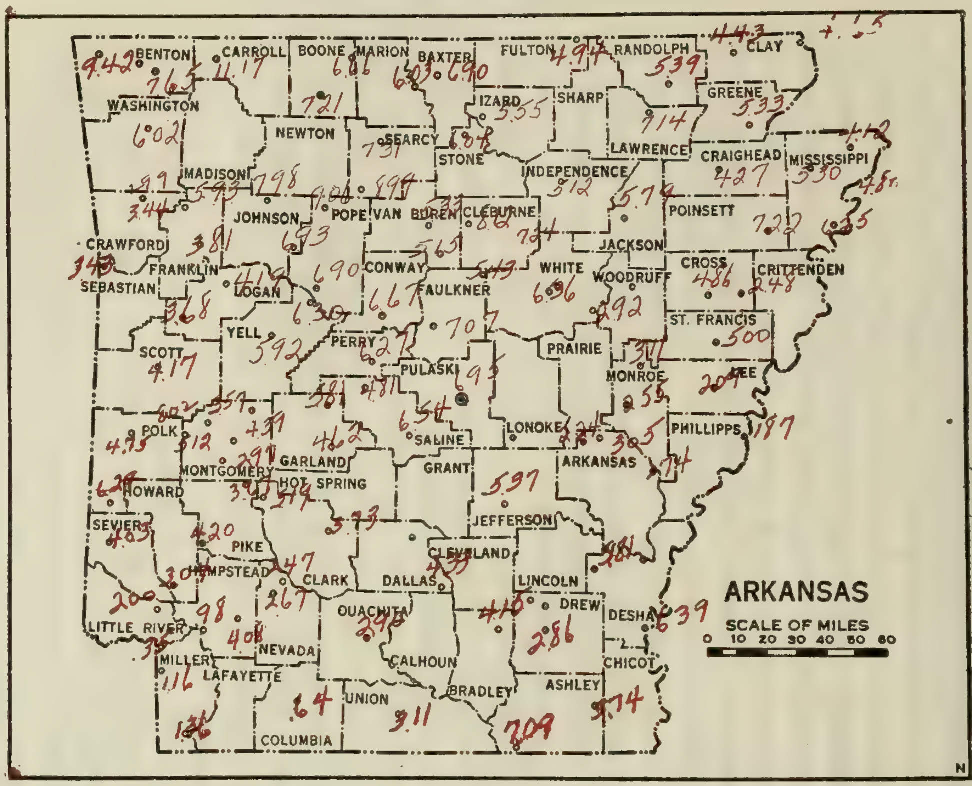
Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope ....§§.. [Exp. Farm]	Evap.	.315	.206	.320	.214	.202	.221	.150	.227	.175	.240	293	.124	.170	201	.195	.234	.406	.044	.124	.088	.198	.158	.382	.170	.226	.757	.157	.288	.228	.204	.280	7.187
	Mean tem.	59	68	60	60	61	67	68	64	66	70	68	70	60	62	64	67	68	70	70	77	77	80	78	78	77	74	78	76	74	75	74	69.6
	Wind move	6	10	34	4	16	2	49	19	59	25	18	21	45	27	6	24	6	12	14	7	22	21	23	18	23	24	25	36	9	15	45	665
Irons Fork .....§§ [Exp. Forest]	Evap.	.168	.156	.205	.101	.182	*	*	.517	.113	.187	.219	.111	*	*	.326	.165	....	....	*	.049	*	.361	.127	.075	.382	.150	*	*	.505	*	*	.....
	Mean tem.	61	62	58	59	..	....	....	62	62	64	68	..	....	....	62	....	. .	....	. ..	....	. . .	72	74	74	72	..	. .	....	....		....	66.6
	Wind move	17	5	11	15	10	*	*	85	18	7	24	19	*	*	24	9	*	8	*	6	*	21	14	5	4	7	*	*	21	*	3	833
Russellville .... [Ozark Nursery]	Evap.	.220	.166	.244	.200	.232	.240	.152	.230	.154	.210	.196	.144	.118	.122	.208	.154	.204	.090	.098	.062	.240	.114	.078	.184	.228	.082	.222	.282	.256	.314	.202	5.646
	Mean tem.	68	68	60	61	66	68	70	68	66	70	76	64	62	60	64	66	71	70	70	72	78	71	74	79	78	74	76	74	74	75	75	70.0
	Wind move	22	26	30	19	4	37	40	70	31	31	27	50	51	23	27	20	10	15	18	29	27	14	25	12	39	21	40	43	27	19	24	871
Stuttgart ......§§.. [Rice Exp. Farm]	Evap.	.174	.192	.244	.148	.223	.400	*	015	.195	.173	.266	075	.149	.114	.187	.243	.080	.155	.168	.051	.086	.065	.207	.126	.113	.168	.065	.207	.213	.207	.250	4.954
	Mean tem.	65	62	60	60	67	70	72	70	66	70	68	66	62	61	64	70	72	68	70	74	76	70	74	73	76	72	78	81	74	78	74	69.8
	Wind move	20	44	70	36	29	78	75	140	171	38	73	38	26	171	43	67	19	50	88	69	91	43	51	80	69	120	59	105	68	24	37	2092

Corrections:--Evaporation at Irons Fork for April 30th, 0.167; monthly amount 4.500. Hope, wind movement April 30th, 46 miles, total for April 1507.

Precipitation for May, 1939



Daily River Stages for May, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.3	6 2	6.2	5.9	5.8	5.8	5.4	5.4	5.3	5.3	6.3	7.3	8.0	10.4	15.0	16.6	14.3	13.3	11.7	11.5	11.0	10.0	10.2	11.4	14.0	13.3	11.5	10.5	12.5	12.0	11.2
Van Buren	do	22	5.2	5.2	5.0	4.8	4.7	4.5	4.4	4.4	4.3	4.2	4.8	6.2	6.9	9.2	14.5	16.5	14.5	12.2	11 5	11.3	10.6	9.5	9.5	10 8	13.8	13.5	11.3	9 8	12.2	11 8	10.8
Danville	Petit Jean	20	5.4	5.0	4.7	4 4	4.2	4.0	3.9	3.7	3.7	4.4	4.1	3 8	3.7	3.8	3.6	3.7	3.7	3.9	5.5	7.1	6.0	5.6	8.8	6.6	4.7	14.4	18.1	14.4	8.7	5.8	4.9
Ozark	Arkansas	22	1.8	1.5	1.3	1.2	1.2	1.0	0.8	0.8	0.4	0.3	-0.1	-0.2	3.1	3.7	8.0	12.0	11.4	8.8	7.9	7.3	6.7	6.4	5.3	6.0	8.5	9.3	8.1	6.1	5.4	4.8	7.0
Dardanelle	do	22	5.5	5.2	4.9	4 6	4.3	4.1	3.6	3.7	4.1	4.6	4.2	5.0	5.8	7.0	7.6	12.4	14.8	13.8	11.9	11.1	10.5	10.6	10.0	9 3	10.2	12 5	14.8	11.6	9.8	10.6	10.9
Morrilton	do	20	3.5	2.7	2.2	1.8	1.4	1 0	0.4	0 0	-0.2	0.4	0.6	0.2	0.4	2.8	3.4	6 4	11.0	11.2	9.5	8.4	7.8	7.7	7.6	8.0	6.7	9.1	11.6	11.4	8.8	7.7	8.8
Little Rock	do	23	5.5	4.9	4.3	3.9	3.6	3.2	2.9	2.6	2.3	2.2	2.4	2.6	2 3	2.6	4.1	4.7	8.4	11.0	10.7	9.1	8.5	8.0	8.3	8.0	7.4	7.8	11.2	13.0	11.3	9.3	8.9
Pine Bluff	do	25	10.3	9.7	8 7	8.1	7.7	7.4	7.0	6.6	6.5	6.3	6 2	6.4	6.3	6.2	6.6	7 8	9 0	13.9	14.9	14.2	12.9	12.3	12.2	12.2	11.9	12.5	13.4	16.5	16.9	15.1	13.4
Gilbert	Buffalo	30	4.8	4.6	4.4	4 2	4.2	4.1	4.0	4.0	5.3	4.9	4.5	5.1	8.5	6.8	6.0	5.7	5.3	5.1	6.4	6.1	5.9	8.3	9.4	7.0	6.5	6.2	17.0	8.3	6.8	6.2	5.7
Doniphan, Mo.	Current	16	5.1	5.0	5.0	4.9	4.9	4.9	4.9	5.0	5.1	5.2	5.2	5.3	5.2	5.4	5.6	5.5	5 3	5.2	5.0	4.9	4.9	4.9	5.0	5.1	5.2	5 4	5.5	5.8	5.5	5.2	5.0
Black Rock	Black	14	19.1	18.3	17.5	16.5	15 5	14.3	13.0	11.9	11.3	10.5	9.5	9.4	11.5	11.7	10.9	10.1	9.4	8.9	8.7	9.0	8.5	9.0	8.7	8.3	8.9	9.0	8.6	10.0	9.5	9.5	9.5
Heber Springs	Little Red	30	6.1	5.8	5 5	5.2	5.0	4.8	4.6	4.6	4.7	5.7	5.2	4.7	5.4	7.7	6.8	6.2	5.7	5.4	5.3	6.2	6.9	8.1	9.7	9.7	8.9	8.5	22.8	15.5	11.1	9.2	7.9
OzarkBeachMo	White	30	4.4	2.6	0 0	0.2	0.8	2.2	1.4	2.6	5.6	7 1	7.7	6.4	15.9	17.4	13.0	9.8	7.7	6.8	6.0	5.6	6.4	11.0	10.0	9.4	7.8	8.8	11.4	10.6	9.6	7.2	6.0
Cotter	do	21	5.8	5.7	5.5	5.0	4.8	4.7	4.7	4.7	5.2	6.0	8.0	8.3	11.0	13.9	18.0	13.8	10.8	9.0	7.8	7.2	7.2	10.0	12.0	10.9	10.0	9 5	18.5	15.5	12.2	10.5	9.1
Calico Rock	do	18	5.2	4.9	4.4	3.9	3.5	3.2	3.1	3.6	3.2	5.7	7.0	7.0	9.6	15.8	17.5	14.3	10.6	8.3	7.0	7.0	6.6	8.4	12.2	11.2	9.7	8 8	19.8	19.5	13.9	11.5	8.9
Batesville	do	23	11.7	11.3	11.0	10.1	9.6	9.3	9.1	9.5	9.6	9.2	12.4	13.2	14.6	19.9	23.7	23.5	19.9	16.7	14.6	13.7	13.9	14.3	18.4	19.5	18 1	16.5	18.7	28.4	25.2	20.4	17.8
Newport	do	26	21.3	20.5	19.8	19.0	18.0	17.1	16.2	15.4	14.8	13.8	13.4	14.4	15.1	17.1	21.0	23.3	23.8	23 0	21.4	19.6	18.2	17.6	17.7	19.6	20.6	20.3	19.9	22.5	25.0	25.6	24 4
Georgetown	do	21	23.8	23.3	22 8	22.4	22.0	21.7	21.4	21.1	20.9	20.5	20.0	19.5	19.1	18.9	19.0	19.3	19.4	19.9	20.7	21.3	21.5	21.5	21.4	21 3	21.3	21.5	21.7	22.0	22.5	22.7	22.8
Clarendon	do	26	30.5	30.3	30.0	29.7	29.2	28.9	28.5	28.2	27.8	27.5	27.2	27.0	26.7	26.4	26.1	25.9	25.7	25.5	25.4	25.3	25.3	25.4	25.5	25.6	25.8	26.1	26.3	26.4	26.4	26.5	26.7
St. Charles	do	25	28 9	29.0	28.9	28.7	28.5	28.3	28.1	28.0	27.7	27.4	27.0	26.7	26.5	26.1	25.7	25.4	25 1	25.0	24.9	24.8	24.7	24.5	24.4	24.5	24.6	24.7	24.7	24.8	24.9	24.9	25.0
Arkadelphia	Ouachita	17	4.7	5.9	6.5	5.6	5.2	5.1	5.2	4.6	5.2	6.5	5.7	6.4	6 4	5.2	4.3	4 8	5.3	6.9	5.2	5.7	5.0	5.7	7.8	7.3	8.8	8.6	14.8	14.3	9.2	8.1	7.8
Boughton	Little Mo.	20	5 8	5.6	5.4	5.2	5.0	4.9	4.8	4 7	5.8	5.7	5.2	4.8	4.7	4.7	4.7	5.2	5.5	4.8	5.2	7.4	9.5	10.1	7.6	6.5	5.9	5.6	6.1	6.2	5.9	5.7	5.2
Camden	Ouachita	26	17.8	15.9	13.9	12.8	11.2	10.0	9.0	8.3	7.4	6.5	7.5	7.7	6.7	7.0	6.6	6.0	5.3	6.1	6.9	7.3	6.9	7.0	8 1	9.4	10.2	9.5	12.0	17.0	20.0	20.6	17.3
Benton	Saline	20	6.4	6.2	6.0	5.8	5.6	5 6	5.4	5 4	5.3	5 3	5.2	5.1	5.0	5.1	5.1	5.0	4.9	4.8	5.0	5.1	5.2	5.1	6.0	7.1	7.2	7.1	14.4	10.2	8.6	7.5	6.9
Whitecliffs	Little River	25	12.0	7.0	5.0	3.5	3.7	3.2	3.0	2.9	2.7	2.6	2.6	2.6	2.8	3 0	5.0	5.2	5.2	5.2	4.2	11.4	14.1	17.0	16.0	13.7	10.3	7.5	4.7	5.5	5.3	4.0	3.0
Index	Red	25	12.2	11.1	10.2	9.8	9.6	9.2	9.1	8.9	8.5	8.4	8.4	8.4	8.4	8.4	8.4	8.4	9.0	9.0	9.2	10.6	11.4	11.4	11.8	11.4	11.0	10.1	10.0	9.5	9.3	9.2	9.0
Fulton	do	25	14.4	12.3	10.4	9.2	8.5	8.1	7.5	7.2	6.8	6.7	6.5	6.5	6.4	6.4	7.2	7.6	7.8	7.7	7.7	10.3	12.2	13.0	13.3	13.1	11.5	10.0	9.0	8.7	8.3	7.8	7.3
Big Lake Outl't	St. Francis	10	13.3	13.1	12.8	12.5	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.2	10.1	9 9	9.5	9.1	8.7	8.4	8.0	7.8	7.6	7.8	8.0	8.3	9.0	9.1	9 1	9.1	8.9	8.7	8.4
St. Francis	do	18	18.0	16 9	15.6	13.9	12.4	11.4	10.7	10.2	9.9	9.6	9.4	9.9	10.3	10.3	10.0	9.6	9.4	8.9	8.9	9.5	9.8	9.5	8.7	8.1	8.7	8.4	7.8	7.1	6.7	6.3	6.1
St. Francis L.L.	do	..	26.6	26.5	26.4	26.2	26.0	25.8	25.5	25.3	25.0	24 8	24.6	24.4	24.3	24.1	23.9	23.7	23.6	23.3	23.2	. . .	23.0	23.0	22.9	22.8	22.9	22.9	....	23.0	23.0	23.0	22.9
Marked Tree	do	17	3.6	3.5	3.4	3.3	3 2	3.1	3.1	3.0	3.0	2.9	2.7	2.7	2.9	2 9	2.9	2.7	2.6	2.4	2.4	3.1	2.9	3.8	4.1	4.0	4.1	4.4	4 4	4.0	3.8	3.4	3.0
Parkin	do	28	21.6	22.0	22.3	22.5	22.6	22.7	22.6	22.5	22.2	21.9	21.3	20.5	19.6	18.6	17.4	16.1	14.6	13.3	12.1	11.1	10.7	10.8	11.7	12.1	12.3	12.6	12.9	12.9	12.6	11.6	10.7
Madison	do	32	28.0	28.5	28.8	28.9	28.9	28.9	28.9	28 8	28.5	28.0	27.3	26.2	24.7	22.8	21.0	19.3	17.6	15.9	14.7	13.6	12 7	12.9	12 9	13.3	13.5	13.6	13 9	14.0	13.7	13 1	12.0
Helena	Mississippi	42	47 1	47.4	47.5	47.5	47 4	47.2	46.8	46.3	45.2	43.5	41.0	37 8	33.7	29.9	27.3	25.5	23 9	22.4	21.0	20.1	19.2	18.4	18.1	17.7	17.3	17.3	17.0	16.7	16.3	16.2	16.1
Arkansas City	do	42	38.1	38 4	38.8	38.9	39.0	39.0	39.0	38.9	38.6	38.1	37.4	36.2	34.4	32.0	29.3	26.5	25 3	23.7	22.5	21 6	20.6	19.8	18.9	18.2	17.8	17.4	17.1	16.9	17.2	17.5	17.2

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year perio for stations with 10 to 14 years the means are for the period to 1935, inclusive §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹ Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. ²Precipitation is measured in the morning; amount then recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5,Texarkana; Irons Fork, Irons For Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mountain, Norman.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station.

Weather Bureau Office, Little Rock, Ark.7-6-39-1150

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLIV Little Rock, Ark., June, 1939 No. 6

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

The mean temperature for June, based on the reports of 73 stations, was 77.9° which is 0.7° above the 49-year average. Monthly means ranged from 82.9° at Texarkana to 72.6° at Turnpike. The highest temperature during the month was 100° at Texarkana on the 8th and 9th. The lowest was 49° reported on the 11th at Gravette and Irons Fork. The greatest daily range was 37° reported at Thornburg on the 8th and Irons Fork on the 11th.

The average precipitation for 111 stations was 4.50 inches, which is 0.44 inch above the 49-year average. Rainfall was frequent during the month with 16 stations recording 15 or more rainy days. The monthly amounts ranged from 1.45 inches at Camden to 10.59 inches at Monticello. Monthly amounts of less than 2 inches were reported in Ashley, Howard, Lawrence, Miller, Ouachita, Randolph and Union counties. Amounts of 8 inches or more were recorded in Arkansas, Benton, Drew, Franklin, Independence, Jefferson and Johnson counties. The greatest amount recorded in any 24-hour period was 4.50 inches at Batesville on the 28th.

Two earthquake tremors were reported during the month. One on June 1st was reported in the extreme southwestern portion of the State. The other on June 19th was reported at scattered stations over the southern half of the State. No damage was reported.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.94	30.25	4	29.62	10	6.3	18	nw.	9	..	..	..	71
Fort Smith	29.93	30.20	4	29.69	10	6.9	26	nw.	12	83	58	56	55
Little Rock	29.91	30.16	4	29.12	10	7.1	26	sw.	10	86	60	67	63
Memphis	29.95	30.24	3	29.54	8	6.9	29	sw.	8	77	57	58	51

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense Fog	2	2	.	1	3	2	.	.	.	.	1	2	2	5	.	.	.	.	.	.	.	.	1		.	1	.	2	4	2
Light Hail	.	.	.	.	.	.	.	.	.	.	1	2	.	.	.	.	.	.	.	1	.	.	.		.	1	1	.	.	.
Moderate Hail	.	.	.	.	.		.				.	.	.	.	.	.		.				.		.	1	.			.	.
Thunderstorm	18	14	10	10	19	12	4	10	12	14	5	22	15	6	.	3	3	12	21	10	17	27	14	18	21	24	35	35	12	4

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.83	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2.60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.94	0	9	14	10	6
1938	75.8	101	49	4.84	0	9	13	9	8
1939	77.9	100	49	4.50	0	11	9	13	8
Period	77.2	113	35	4.06	0	8	14	10	6

Storms in June

Nature of storm	County	Location	Date	Time	Dir. moved	Length of path miles	Width of path miles	Killed	Injured	Damage	Remarks
Thunderstorm	Benton	Bentonville	12	4:00 a.m.	....	....	....	0	0	$ 25	Home damaged by lightning.
Thunderstorm	Pulaski	Little Rock	13	afternoon	....	....	....	0	0	134	Church damaged by lightning.
Thunderstorm	Craighead	Jonesboro	22	afternoon	....	....	....	0	0	2,500	Power plant damaged by lightning.
Thunderstorm	Independence	Batesville	26	12:00 noon	....	....	....	1	0	....	Farmer, age 27, killed by lightning while seeking shelter under a tree.
Thunderstorm	Pulaski	North Little Rock	27	3:00 p. m.	....	....	....	1	0	....	Man, age 58, killed by lightning. The man was sitting in his porch swing holding his 1-year old granddaughter. The child was not injured.
Thunderstorm	Cross	Wynne	27	Evening	....	....	....	0	1	....	Farmer, age 60, struck by lightning. It burned off a thumb and fiinger on each hand while he was working on a radio aerial.
Thunderstorm	Woodruff	Cotton Plant (4 miles w of)	27	afternoon	....	....	....	0	0	1,100	Lightning destroyed a barn and killed a horse and mule.
Thunderstorm	Woodruff	Cotton Plant	27	afternoon	....	....	....	0	0	25	Home damaged by lightning.
Thunderstorm	Jefferson	Pine Bluff	27	2:30 p. m.	....	....	....	0	0	25	Home damaged by lightning.
Thunderstorm	Columbia	Magnolia	27	12:00 noon	....	....	....	0	0	100	Home damaged by lightning.
Windstorm	Garland	Hot Springs (6 miles se of)	27	p m.	....	....	....	0	0	100	Boathouse building unroofed.
Thunderstorm	Union	El Dorado	30	afternoon	....	....	....	0	0	900	Lightning struck Magnolia Oil Co. tank and ignited 18,000 gallons of crude oil.

Climatological Data for June, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	3	76.2	...	91	26	60	3§	26	5.53	...	0.91	0	15	3	17	10	n.	L. R. Water Works
Amity	Clark	500	44	79.4	+ 2.0	97	16	62	11	30	3.27	−1.54	0.70	0	12	3	22	5	sw.	J. W. Campbell
Arkadelphia	Clark	200	44	79.3	...	96	16	61	11	27	4.35	−0.26	0.90	0	14	9	19	2	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	55	...	...	...	...	...	...	...	5.05	+1.43	1.69	0	10	16	2	12	...	Herbert Neff
Batesville Airway	Independence	363	3	78.1	+ 2.7	94	16	58	11	28	7.84	...	3.30	0	16	2	19	9	s.	Airway Observer
Batesville	Independence	277	40	...	...	...	...	...	...	...	8.42	+4.50	4.50	0	18	7	10	13	...	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	77.6	+ 0.7	96	8	58	11	31	3.80	−0.69	1.10	0	9	4	21	5	w.	J. E. Scanlan
Benton	Saline	285	4	77.8	...	93	26§	59	11	27	3.75	...	0.95	0	14	16	5	9	ne.	S. A. Burks
Bentonville	Benton	1295	34	74.8	+ 1.4	91	16	51	4	30	8.47	+4.25	2.62	0	13	6	18	6	s.	U. S. Weather Bureau
Big Lake Outlet †	Mississippi	239	9	...	...	...	...	...	...	...	4.73	...	1.30	0	12	15	1	14	...	C. J. Brooks
Black Rock	Lawrence	259	38	...	...	...	...	...	...	...	1.50	−2.25	0.39	0	5	21	1	8	s	Vernon C. Howe
Blytheville	Mississippi	252	14	78.5	+ 0.7	95	8	59	11	30	3.57	−0.49	1.38	0	12	13	10	7	s.	Samuel Norris
Booneville	Logan	465	25	78.8	+ 2.6	96	25§	55	11	30	3.55	− 0.65	0.64	0	15	3	21	6	e.	F. H. Randolph
Boughton †	Clark	235	4	...	...	...	...	...	...	...	3.51	...	0.83	0	13	4	16	10	...	Harry J. Buie
Brinkley	Monroe	205	48	78.6	+ 0.8	98	10	61	12	29	6.43	+2.70	1.45	0	12	9	13	8	ne.	R. J. Torry
Calico Rock	Izard	361	35	...	...	...	...	...	...	...	4.42	+0.84	1.20	0	14	9	3	18	...	William Jones
Camden	Ouachita	116	54	80.9	+ 2.5	98	16	65	1§	26	1.45	−2.76	0.52	0	10	7	13	10	s.	J. M. Knight
Clarendon	Monroe	172	35	...	...	...	...	...	...	...	7.27	+3.68	2.80	0	12	12	7	11	n.	R. M. Wheatley
Clinton	Van Buren	516	18	...	...	...	...	...	...	...	3.89	+0.20	0.98	0	12	5	17	8	sw.	A. L. Stephens
Conway	Faulkner	309	56	79.3	+ 1.0	94	15	60	11	25	6.22	+2.34	2.04	0	14	10	19	1	s.	E. E. Cordrey
Corning	Clay	293	46	77.6	+ 1.6	95	8§	55	11	32	3.20	− 0.87	0.85	0	9	9	14	7	s.	Winfred D. Polk
Cotter	Baxter	440	12	...	...	...	...	...	...	...	4.80	−0.15	0.95	0	8	13	7	10	...	O. B. McSpadden
Crossett	Ashley	175	27	78.4	− 1.0	96	27	60	15	34	5.39	+1.47	3.20	0	8	9	14	7	sw.	U. S. Forest Service
Danville	Yell	327	23	...	...	...	...	...	...	...	5.37	+1.08	1.34	0	15	7	12	11	...	J. M. Patterson
Dardanelle	Yell	330	53	79.6	+ 1.4	94	15	58	11	27	5.11	+1.43	1.04	0	12	3	18	9	s.	Geo. N. Goodier
De Queen	Sevier	426	4	79.0	...	94	16§	60	11	26	4.09	...	1.14	0	14	13	6	11	s.	E. B. Smith
Devils Knob †	Johnson	2350	3	72.8	...	85	16§	56	11	22	8.04		1.76	0	15	8	16	6	sw.	U. S. Forest Service
Dumas	Desha	162	34	80.6	+ 1.2	96	21§	64	15	29	5.07	+1.26	1.13	0	15	1	22	7	s.	Ben Johnson
El Dorado	Union	270	39	81.8	+ 2.2	97	19§	67	3	26	1.52	−2.17	0.68	0	7	14	11	5	s.	Mrs. E. W. Gaston
England	Lonoke	229	33	77.6^b	− 0.4	98^b	10	62^b	24	27^b	4.56	+0.73	1.20	0	7	9^b	19^b	0^b	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	74.7	+ 0.3	91	16§	54	4§	27	7.34	+1.96	1.60	0	12	9	20	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	74.4	...	88	15§	53	4	25	3.81	...	0.82	0	13	5	17	8	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	75.4	+ 1.0	90	15§	52	4	27	5.27	+0.53	1.41	0	13	6	22	2	s.	University of Arkansas
Fordyce	Dallas	275	11	80.1^d	...	95^d	16§	66^d	1§	26^d	5.33	...	1.00	0	14	12^c	15^c	0^c	s.	Miss Mercille McMurry
Fort Smith	Sebastain	448	58	79.1	+ 1.6	97	16	60	11	26	4.88	+1.16	1.11	0	10	8	16	6	e.	U. S. Weather Bureau
Ft. Smith Wtr. P. †	Crawford	....	2	...	...	...	...	...	...	...	2.30	...	0.91	0	6	7	8	15	...	T. J. Wylie
Fulton	Hempstead	260	54	...	...	...	...	...	...	...	2.76	−1.40	0.77	0	7	11	11	8	...	T. J. Logan
Georgetown	Woodruff	200	27	...	...	...	...	...	...	...	3.18	−1.31	1.80	0	6	15	3	12	...	C. G. Long
Gilbert	Searcy	600	14	75.0	...	95	26	50	11	33	4.91	+1.08	1.33	0	10	10	3	17	...	F. E. King
Glenwood	Pike	547	4	...	...	...	...	...	...	...	2.08	...	0.95	0	8	9	13	8	...	C. A. Price
Grannis	Polk	950	20	77.0	+ 1.6	93	29	60	4	26	5.31	+0.29	1.56	0	13	7	13	10	se.	W. E. McVay
Gravette	Benton	1250	42	73.8	+ 0.1	91	8	49	11	32	8.40	+2.85	1.70	0	13	15	14	1	sw.	Max W. Schmidt
Green Mountain †	Stone	1100	3	75.2	...	88	8§	57	11	21	3.58	...	1.11	0	13	3	25	2	sw.	U. S. Forest Service
Hankins †	Drew	....	2	...	...	...	...	...	...	...	2.58	...	0.67	0	9	..	.	..	...	Soil Conservation Ser.
Harrison	Boone	1052	39	76.2	+ 2.8	94	16	55	4	28	5.73	+1.33	0.94	0	15	17	10	3	sw.	Louis R. Keck
Heber Springs	Cleburne	....	10	...	...	...	...	...	...	...	4.79	...	1.25	0	11	4	21	5	...	Lester B. Logan
Helena	Phillips	300	67	78.0	− 0.4	92	16	63	1	24	3.33	−0.03	1.28	0	11	4	14	12	s.	James A. Burnett
Higden	Cleburne	445	20	...	...	...	...	...	...	...	4.64	+0.67	1.27	0	10	8	17	5	s.	Austin E. Cartwright
Highland	Pike	491	20	78.2	...	95	15	60	12	29	2.93	−1.17	1.08	0	7	2	18	10	sw.	J. O. Cooley
High Peak †	Montgomery	1834	1	...	...	...	...	...	...	...	2.22	...	0.47	0	12	3	17	10	s.	U. S. Forest Service
Hope ‡‡	Hempstead	375	69	79.0	0.0	95	16	65	2	25	2.81	−0.71	0.95	0	7	13	14	3	sw.	Experiment Farm
Hot Springs	Garland	600	48	78.0	− 0.2	95	27	59	11	30	2.76	−1.89	0.58	0	17	2	26	2	s.	National Park Service
Index †	Little River	275	22	...	...	...	...	...	...	...	4.45	+1.57	1.10	0	5	19	1	10	...	W. E. McDowell
Irons Fork †‡‡	Polk	....	1	75.0^e	...	91^f	16	49^e	11	37^f	3.66	...	0.60	0	13	15^e	3^e	7^e	sw.	U. S. Forest Service
Jessieville	Garland	750	13	...	...	...	...	...	...	...	5.26	+1.12	1.80	0	12	0	24	6	s.	U. S. Forest Service
Jonesboro	Craighead	345	44	78.2	+ 0.5	94	15§	58	11	33	4.76	+0.82	1.07	0	13	3	12	15	sw.	Benedictine Sisters
Lead Hill	Boone	650	33	73.3	− 2.1	93	8	51	4	30	7.03	+1.78	1.83	0	16	9	17	4	s.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	60	78.8	+ 1.4	92	27	65	3	21	3.14	−0.62	0.76	0	14	3	15	12	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	3	80.0	...	97	26	63	11	24	3.70	...	0.86	0	14	3	17	10	s.	W. B. Airport Station
Lutherville †	Johnson	775	41	77.0	+ 0.9	92	26	56	11	26	3.22	−1.28	1.12	0	12	8	17	5	e.	H. G. Lenhardt
Madison	St. Francis	209	9	...	...	...		...	...	...	3.85	...	1.02	0	10	2	5	23	...	J. W. Eppes
Magnolia	Columbia	315	23	81.6	+ 2.2	98	16	67	2§	26	3.99	+0.17	1.47	0	10	0	29	1	se.	State Agri. School
Mammoth Spring	Fulton	600	35	76.6	+ 2.2	95	16§	56	11	32	3.15	−1.17	1.20	0	7	5	25	0	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	28	79.9^d	+ 1.3	93^d	8	63^d	12	23^f	4.43	+0.96	1.55	0	12	5^d	20^d	1^d	s.	C. N. Houck
Marked Tree	Poinsett	229	35	78.0	0.0	94	8	59	11	30	4.73	+1.51	1.14	0	11	12	13	5	s.	Charles Walton
Mena	Polk	1207	51	78.0	+ 1.4	95	16	55	11	32	2.70	−2.30	0.53	0	15	11	9	10	sw.	E. W. St. John
Monticello Airway	Drew	273	3	80.6	...	95	27	69	1§	25	10.59	...	3.18	0	13	5	19	6	sw.	Airway Observer
Monticello †	Drew	273	4	...	...	...	...	...	...	...	7.67	...	1.65	0	8	..	..	..	...	Soil Conservation Ser.
Montongo †	Drew	....	4	...	...	...	...	...	...	...	2.87	...	0.62	0	12	..	..	..	...	Soil Conservation Ser.
Morrilton	Conway	315	20	79.0	+ 0.4	95	26	58	11	27	4.60	+0.80	1.20	0	13	2	13	15	s.	Mrs. Freda M. Ashcraft
Mountainburg	Crawford	2010	2	...	...	...	...	...	...	...	2.60	...	0.88	0	7	14	9	7	se.	C. A. Lovell
Mountain Home	Baxter	800	27	76.2	+ 1.2	93	8§	54	12	33	7.41	+2.97	1.60	0	16	10	8	12	w.	H. N. Halbert
Mountain Valley	Garland	273	2	...	...	...	...	...	...	...	3.75	...	1.62	0	12	18	7	5	se.	J. G. Scott
Mount Ida	Montgomery	702	40	77.6	+ 1.6	94	15§	53	11	35	2.80	−1.49	0.85	0	12	7	13	10	sw.	G. A. Whittington
Newport	Jackson	231	56	78.6	+ 0.7	94	27	58	11	31	2.89	−1.03	1.00	0	12	7	18	5	n.	J. D. Henderson
Oden	Montgomery	800	12	77.2	...	94	25	57	11	29	3.44	...	0.55	0	14	2	24	4	sw.	U. S. Forest Service
Okay	Howard	288	11	81.1	...	98	27§	67	1§	28	1.57	...	0.37	0	10	16	10	4	sw.	Charles R. Jackson
Osceola	Mississippi	250	39	...	...	...	...	...	...	...	3.95	...	0.67	0	16	7	14	9	...	G. H. Banks
Ozark	Franklin	396	44	77.6	− 0.3	95	16§	53^h	11	32^h	2.27	−1.76	0.68	0	10	14	8	8	se.	Orkney O. Milton
Paragould	Greene	275	16	78.0	...	94	16	56	11	32	3.46	−0.60	1.07	0	14	17	13	0	sw.	J. E. Garrett
Parkin	Cross	222	9	...	...	...	...	...	...	...	6.22	...	1.50	0	9	9	5	16	...	Carroll King
Pine Bluff	Jefferson	215	52	79.6	+ 0.4	92	16§	67	1§	24	8.00	+4.08	2.60	0	13	4	21	5	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	...	...	...	...	...	...	...	5.01	+0.52	1.03	0	8	6	11	13	w.	J. R. Huddleston
Plantersville †	Drew	....	2	...	...	...	...	...	...	...	2.79	...	0.70	0	11	..	..	..	...	Soil Conservation Ser.
Pocahontas	Randolph	300	46	77.2	+ 0.6	96	26	53	11	34	1.49	−2.87	0.42	0	10	12	11	7	sw.	Benedictine Sisters
Portland	Ashley	122	33	79.4	0.0	95	23	64	1§	29	1.77	−1.70	0.74	0	11	5	15	10	sw.	W. E. Edmiston
Prescott	Nevada	318	51	81.2	+ 2.4	96	16	65	4	27	2.85	−1.40	1.07	0	13	7	18	5	s.	J. Craig Williams
Rock Springs †	Drew	....	4	...	...	...	...	...	...	...	3.12	...	1.10	0	11	..	..	..	...	Soil Conservation Ser.
Rogers (near) †	Benton	1300	49	74.6	+ 1.0	91	16	50	4	31	5.98	+0.86	1.53	0	14	11	12	7	sw.	Carl A. Starck
Rosebud †	Faulkner	680	5	...	...	...	...	...	...	...	4.60	...	1.16	0	12	7	20	3	sw.	G. A. Maddox
Ross †	Drew	....	2	...	...	...	...	...	...	...	3.48	...	1.50	.	9	..	..	..	...	Soil Conservation Ser.
Russellville	Pope	526	27	79.4	+ 0.8	95	17	59	11§	31	2.30	−1.78	0.67	0	13	22	0	8	se.	U. S. Forest Service
St. Charles	Arkansas	175	6	78.9	...	93	28	65	1	25	8.41	...	4.30	0	12	12	14	4	s.	U. S. Biological Survey
St. Francis	Clay	290	12	...	...	...	...	...	...	...	2.37	−1.61	0.53	0	12	14	3	13	...	A. Boyce Boyd, Jr.
Searcy	White	245	29	79.3	+ 2.0	95	27	55	11	29	4.77	+0.77	2.14	0	13	17	2	11	s.	Walter A. Smith
Springbank †	Miller	240	30	...	...	...	...	...	...	...	1.73	−1.93	0.67	0	10	20	1	9	...	Henry Field
Story	Montgomery	650	15	...	...	...	...	...	...	...	2.56	−1.07	0.70	0	8	10	15	5	se.	S. C. Story
Stuttgart	Arkansas	214	52	78.3	+ 0.3	93	8§	63	12	27	8.46	+4.71	3.80	0	15	13	13	4	sw.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	4	79.5	...	92	9§	64	15	26	8.79		4.07	0	14	..	..	..	...	Rice Experiment Sta.
Subiaco	Logan	750	42	77.6	− 0.2	94^g	16§	60	11	28	4.37	+0.34	3.18	0	10	6	21	3	se.	New Subiaco Abbey
Texarkana	Miller	332	54	82.9	+ 3.8	100	8§	67	2§	32	3.27	−0.59	2.00	0	6	10	16	4	s.	H. S. Brashear

Climatological Data for June, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Thornburg	Perry	650	19	76.6	+ 1.2	99	8	59	1	37	5.85	+0.95	2.09	0	17	9	15	6	s.	Edward E. Holmes
Turnpike†	Pope	2240	15	72.6	......	85	27	58	11	21	7.83	+2.93	4.26	0	15	8	12	10	se.	U. S. Forest Service
Underwood†	Drew	....	2	...	...	......	....	.....	....	......	3.55	......	1.15	0	10	....	.....	......	......	Soil Conservation Ser.
Waldron	Scott	675	20	73.5[c]	......	96[c]	16	55[c]	11	28[d]	6.28	+1.66	1.83	0	8	2[d]	22[d]	2[d]	se.	Wilson Ferguson
Warren	Bradley	206	45	80.2	+ 0.9	95	14§	64	13	30	5.58	+1.86	1.90	0	8	0	10	20	se.	C. N. Turner
Whitecliffs	Little River	290	33	....	......	......	....	.....	......	......	2.67	−0.89	0.95	0	5	21	4	5	......	L. M. Snead
White Rock†	Franklin	2285	3	73.0	......	86	16	57	11	21	8.57		2.75	0	13	11	7	12	se.	U. S. Forest Service
Wilson	Mississippi	237	14	78.8	+ 1.9	96	9	60	12	25	3.38	+0.07	1.85	0	6	19	1	10	se.	D. O. Anderson
Witt Springs	Searcy	1953	2	...	......	......	....	.....	......	......	7.30	......	1.93	0	11	8	4	18	sw.	E. M. Duncan
Wynne	Cross	167	31	73.1	+ 0.3	93	16	59	11	30	3.50	−0.40	1.47	0	11	11	13	6	s.	B. M. Eddins
State Means				77.9	+ 0.7	100	8§	49	11	37	4.50	+0.44	4.50	0.0	11	9	13	8	s.	

Daily Precipitation for June, 1939

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser.†	Ouachita			.52	T.	.70	.15		.03		T.	.66	.58	.02	.11				T	.91	T.			.64	.18	.40	T.	.27	.28	.08	T		5.53
Amity	Ouachita			.25	.10	.68	.04						12		.15				.47	.70	.07			.56				.09	.04				3.27
Arkadelphia[2]	Ouachita		.08	.11	.48	.02	.63	.01				.11			.17					.33	.19	.04			.83				.45	.90			4.35
Arkansas City[2]	Mississippi	.07		.15	.08	T.	T.		T.	.28		.46	T	T.	T.			.10	T.	T.		T.			1.61	T.	T	.49	T.	1.69	.12		5.05
Batesville Airway	White	.02	.03	.33		.05	.55				.20		.57	.16				.01	T	.23		T.	.26			.01	1.31	3.30	.73	.08			7.84
Batesville River[2]	White	.03	.05	.05	.07	.06	.55	.02				.60	.45	.31				.01		.01	.01			.21		T	.02	.91	4.50	.56			8.42
Bee Branch	Arkansas		T.	.10		.20	T.			T			.60	1.10					T.	.10			.40					.70	.20	.40			3.80
Benton[2]	Saline			.04	T.	.74	.28	.03				.95	.03	.12	.27					.16	.43	T.	T	.47	.04	T.		T	.07	.12			3.75
Bentonville[1]‡	Arkansas	.04	.72			.16	T.			.75		.22	2.40		.57					.33		.24	.32		.04			1.90	.78				8 47
Big Lake Outlet †[2]	St. Francis	T.		1.30	.03		T.					.08		.74					.14	T	T.	T	.26	.14		.02	.73	03	.60	.66	T.		4.73
Black Rock[2]	White		T.										.25	.32										.28					.26	.39			1.50
Blytheville[2]	St Francis		.12	.14			.20			.15				.59					1.38			.11	.09	.25			.16	T.	.14	.24			3 57
Booneville	Arkansas	.03	.02	.37		.61	53			.12			.54						.02	.10	.01	.20	.12			T.	.01	.64	.23				3.55
Boughton †[2]	Ouachita		.05		.44	.03	.16					.19		.39	.40				62		.12	.03			.83				.21	.04			3.51
Brinkley	White	.01			.10	.09							.99	.95				.02			.05		1.05		T.		.13	1.09	1.45	.50			6.43
Calico Rock[2]	White			.14		.07	.32			.03			.97	.22							.05			.32		.08	.80	.05	.15	1.20	.02		4.42
Camden[2]	Ouachita					.27	.02								.15						.08	.32	.04		.04	.22	.01			.30			1.45
Clarendon[2]	White	.03			.27	80	.01				.02			2.80				.09				.02	.03	.22				.92		2.06			7.27
Clinton	White		.13	T.		.13	.01			T			.98	.56				T.	.08	.01	.05		.51		.22		T.	.61	.60				3.89
Conway	Arkansas			.30		.22	09			03	.15		.86	2.04					.03	.49			.18			1.18	.15	.71	.39				6.22
Corning[2]	White			.65			.11			.85			.09	.27										.40			.20		.39	.24			3.20
Cotter[2]	White			.66			T.				.11		.95	.15						T	T			.70		.95		T	.75	.53	T.		4.80
Crossett ..[near]	Ouachita	3.20	.03	.03	T.	1.38														.09						.17			.02	.47			5.39
Danville[2]	Arkansas		1.25	T.	.65	.04	.73	.02		T.		T	.74	.06	.01					.19	1.34			.01		.02	.01		.03	.27			5.37
Dardanelle[2]	Arkansas				05	.37	.52	.02					.83	.31						.17	.46					.03	.60		.71	1.04			5.11
De Queen	Red		.08	17		.45					1.14		22		.04				.40	.30	T.	.10	.30	.14	.15		.36	T.	.24				4.09
Devils Knob†	Arkansas			.35		.12	.06			.16	.02		1.76	.14						.96	1.60	.13			.25	.20		1.73	.42	.14			8.04
Dumas	Mississippi	T.	T.	.16	1.05	.10	T.					.02	.15	.24				.43	.02					1.13	.02		.05	.10	.5[illegible]	1.06	.04		4.07
El Dorado[2]	Ouachita		.05	T.			T.					.68							T.			.04	.32		.07	.32				.04	T		1.52
England	Arkansas				.71								.60	.50										.55				.25	.75		1.20		4.56
Eureka Springs	White		.03			.10			20	1.18			1.60		.55					.80		.78	.30		.35			.40	1.05				7.34
Fayetteville	White	.12	.02	.02		.10	T.			.61	T.		.68	.21	.01					.61	T.	.19	25		T.			.17	.82	T.			3.81
Fayetteville Exp. S	White	.55	.05			.08	T			.72			1.41	.24	.02					.58		.23	.05		.01			.57	.76	T			5.27
Fordyce	Ouachita	.54	.10	.82	.65	.07	.02				.56			1.00						.24	02			.04				.02	.28	.97			5.33
Fort Smith[1]‡	Arkansas	.17	.10	.09	T.	1.00	T	T.		.75			.63		T.				T.	1.11		T.	.68	T.	T.			.01	.34				4.88
Fort Smith W. †[2]	Arkansas			.16			.36						.69							.91				.03						.15			2.30
Fulton[2]	Red		T.		T.	.43	.38							.07						.77	.03		T.		.43					T.	.65		2.76
Georgetown[2]	White					.18						T.		.45								.10						.15	.50	1.80			3 18
Gilbert[2]	White	.06		T.			.31				T			.76						.08	.77		.10	.35		1.33			.65	.50			4 91
Glenwood[2]	Ouachita			.04	.16	.06													.95	.10	.30			.23				24					2.08
Grannis	Red	T.	.02	1.56	.05	.59	T.	T.			.28		.59	T.	.16				T.	.10	T.	.39	.11	.68			.55	T.	.03				5.31
Gravette[2]	Arkansas		.05	.83			.14				.93		1.70	.28		1.00				.55				.74	.03	.31			1.16	.68			8.40
Green Mountain†	White		.12	T.		.10	.30		.40	T.	T		.69	.18							.05		.13			.10	.22	.17	1.11	.01			3.58
Hankins†‡	Ouachita	.10		.63	.30																03			.67			.21		.25	.25	.11		2.58
Harrison	White	.05	.38	.31			.35			.38			.80	.17						.94		.09	.41		.93	.24		.33	.32	.03			5.73
Heber Springs	White			1.25	.39	.11	.42	T.				.02	.88	.39	T.				.04		.06								.81	.42	T.		4.79
Helena[2]	Mississippi	.01		.07	.02	.44	T.				.26			.88				.03	.06									.18		1.28	.10		3.33
Higden	White			1.27		T.	.31			T.			.56	.38					.15	.14			T.		T.	.54		.70	.56	.03			4.64
Highland	Ouachita			.02		.40													.41	1.08				.32				.22	.48				2.93
High Peak†	Ouachita			.24	.10	.15	.14						.17		.07				.17	.18				.47			.05	.42	.06				2.22
Hope‡†[2]	Red				.13	.38	.40								.30					.95					.55			T.		.10			2.81
Hot Springs	Ouachita	T.	.21	.05	.04	.46	.02				.11		.25	.04					.28	.58	.01	.05	.25	.10				.03	.25	.03			2.76
Index†[2]	Red	T	T.			.90	.95					T.		T.						.60			T.		1.10					.90			4.45
Irons Fork†‡[2]	Ouachita		.42		.44	.57	.34						.45	.02		.04				.21	.01		.38		.60				.17	.01			3.66
Jessieville	Ouachita			.58	.07	.40				.28	.27			.28					.48	.46				.30	.12			1.80	.22				5.26
Jonesboro[2]	White		.12	.25	T.			.01		T.		T.		1.07	.01					.25			.07	.75			.01	28	85	.98	.11		4.76
Lead Hill	White	T.	.57	.01		.03			.32	.33	.01		1 02	.02	T					.55	.12	T.	.73		.03	.05	T.	1.16	1.33	.25			7.03
Little Rock[1]‡	Arkansas		T.	.45	.20	.76				.04	07		.54	.22					.02	.07		T.	.24	T		.03	.01	.44	.05	T	T.		3.14
LittleRock Air'y.[1]	Arkansas			.02	.75	.86	T.			T	T.	.06	.40	.28	.40				T.	.08	T	T.	.11	T.		.03	.03	.49	.06	.13			3.70
Lutherville†	Arkansas		.91	.03		T	.25	.02		T.			.35	.02					.02	.10	1.12		.10			.05	T.	T	.25				3.22
Madison[2]	St. Francis	T.			.23	T.					.05	.25		.65				T.	.10					.40				.48	.25	1.02	.42		3 85
Magnolia	Red					.73						.24			.26					.17			1.47	.40		.07		.53	.06		.06		3.99
Mammoth Spg[2]	White			.25			T.			T.	T.	.16	T.	.41										.16			.82		1.20	.15			3.15
Marianna	St. Francis				.06					.05			1.55	.46				.43	.02				.14	.02			.20	.02	.90	.58			4.43
Marked Tree[2]	St. Francis			.80	.07					.08			.35						.22			04		1.14			.02	.50		.94	.07		4.73
Mena[2]	Ouachita	.01	.20	.19	.27	.53	.45	T.					.39	.10						.19	.04	.02	.05	T.	.14				.11	.01			2.70
Monticello Airway	Ouachita	.03	.02	.29	1.75	0.60															.21			1.78	.08	1.16		3.18	1.18	.14	.17		10.59
Monticello(near.†‡	Ouachita	1.65																						1.50		1.00	1.30	.80	.85	.05	.52		7.67
Montongo†	Ouachita	.06		.40	.21						.04										.04			48		.20	.62	.06	.14	.06	.56		2.87
Morrilton[2]	Arkansas			.57	.22		.23				.07	.04	.87	1.20						.10	.18			.41		.16			.02	.53			4.60
Mountainburg	Arkansas		.05			.51				.18			.68	T.							.88	T.		.09					T	.21			2.60
Mountain Home	White			1.60			.10			.10	.20		1.25	.08						.10	.18	.02	.80		.01	.16	.01	1.30	1.36		.14		7.41
Mountain Valley	Ouachita			.18	.12		.25					.06	.19						.50	.24			.10	.34	.04			1.62	.11				3.75
Mount Ida	Ouachita			.37	12	85	.05				.27		.16		.15				.20	.15	.29			.09			T.	.10	T.				2.80
Newport[2]	White	.01	.07		T.								1.00	.17					T.	.06	.02		.03	.32			T	.18	.38	.52	.13		2.89
Oden[2]	Ouachita	.35		.30	.31	.13							.36							.35	.09	.13	.08	.11	.19		.28	.55	.21				3.44
Okay	Red			.03	.22	.23	.21					.07							.18	.37	.02					.21				.20	.03		1.57
Osceola[2]	Mississippi	T.		.17	.13	T.	.13		.02	.02	.17			.52					.04	.47		.26	.09	.43			.47	T.	.07	.29	.67		3.95
Ozark[2]	Arkansas			.10	.06		.39	T.			.15		.55							.68	.02		T.	.10	T.				.02	.20			2.27
Paragould	St. Francis	.01	.12			T.	T.			.01			.23	.07				.08	.04		.08	.07	.39				1.07	.56	.45	.28			3.46
Parkin[2]	St. Francis			.13						.50	.10		1.50					T	.51					1.07				.23	1.08	1.10			6.22
Pine Bluff[2]	Arkansas		.02	.04	1.09	.09						.03	01	.06	.13							.03			2.60			.09	2.05	1.76			8.00

Daily precipitation for June, 1939 [continued]

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
		Day of Month																															
Pine Ridge[2]	Ouachita		1.03				.76						.28							.21					.37			.98	.41	.97			5.01
Plantersville †‡	Ouachita	.10		.65	.29	.05															.03			.65			.70	.05	.17	.05	.05		2.79
Pocahontas	White		.13										.33	.03	.02					.04			.42				.12	.20	.12	.08			1.49
Portland[2]	Ouachita	.01	.42	.05		.13						.05						.07							.07		.74		.10	.03	.10		1.77
Prescott[2]	Ouachita		.03		.05	.03	.27							.06	.44					1.07	.03	.04			.34		.16		.20	.13			2.85
Rock Springs †	Ouachita	.04		60	.30	.05															.05			.47			1.10	.07	.27	.07	.10		3.12
Rogers (near) †	White	.49	.05	.07		.12				.54			1.53	.36						.22		.28	.66		.43	.02		.03	1.18				5.98
Rosebud †	Arkansas		T.	.16		.32	.07			.15	.07		1.16	.50					T.	.14			.38					.32	.54	.19			4.00
Ross †‡	Ouachita			.20	.45																.05			.28		.10	1.50		.30	.10	.50		3.48
Russellville ‡‡	Arkansas		.02	T.	T.	.06	.47	T.		T.	T.		.67	.05					T	.06	.15	T	.03		T.	.33		.01	.25	.18	.02		2.30
St. Charles[2]	White		.04	.65	.34	.19	.02							1.52	T.			.18	.62			.12			.90	T.		.13		4.30			8.41
St. Francis[2]	St. Francis	.08			.10		.14			.12	10			.21					.12	.07	T.		T.	.42			T	.53	.37	.11	T.		2.37
Searcy	White		.05	.25	.05	.01	.02						.79	.32					.02	.92	.10			.09					2.14		.01		4.77
Springbank †[2]	Red	.03	.10	T.		.27	.47	T			T.	T.								.67	.04	.05	.06			.02			T.		.02		1.73
Story[2]	Ouachita			*	.34	.70							.16							.23						.12	.20		.60	.21			2.56
Stuttgart[2]	Arkansas		.02	.05	.08	.06	.08						.09	3.03				.05		T.		.08		.50	.02	.12		.45	.03	3.80			8.46
Stuttgart ‡‡[2]	Arkansas		.05	.03	.15	.38					.01			1.41	.01			.02		T.		.24		.02	.03	1.11		1.26		4.07			8.79
Subiaco	Arkansas	.08	.25	3.18	T.	.04				.02			.83	T.					T.	.05		T.	T.		T	.08	T.		.29	.05			4.37
Texarkana[2]	Red					2.00	.47													.48	.10				.15					.07			3.27
Thornburg	Arkansas		T.	.42	.12	.43	.26		.02	T.	.08		.66	.70					*	.16		T.	.18	.06	.10	.34	03	.08	2.09	.12			5.8
Turnpike †	Arkansas		.16	.06		.08	.60	T.		.17			.65	.31					.05	.11	.83		.09			.08		4.26	.33	.05			7.8
Underwood †‡	Ouachita			.15	.44																.04			.74		.43	1.15	.07	.08	.05	.40		3.5
Waldron	Arkansas	.14		1.83		1.27	.04						1.10								.19						.40		1.31				6.2
Warren	Ouachita	T.			.35	.15													T			.50	.52				1.90	1.45	.64		07		5.5
Whitecliffs[2]	Red				.70		.50												.95						.32				.20		T.		2.6
White Rock †	Arkansas			.25		.42	2.24			.01	T.		.75						.12	.81		.41	.11		.05	.33		2.75	.32				8.5
Wilson[2]	Mississippi				.45						.58								1.85					.20					.15	.15			3.3
Witt Springs	Arkansas					T.	.44				.43		1.93	.54						.06	.41		.39		.07	.35		1.74	.94				7.3
Wynne[2]	St. Francis									.07	.05			.92			.04			.21	.11		.20				.10	.25	1.47	08			3.5

Daily temperatures for June, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	85	87	86	80	85	86	87	88	87	87	85	85	89	85	90	90	96	85	80	89	89	89	85	89	89	91	90	88	88	90		87.
	Minimum	63	63	60	60	65	65	65	65	64	70	64	62	63	63	64	64	67	68	65	65	68	71	68	69	66	65	66	64	67	66		65.
Amity	Maximum	89	90	77	87	88	80	91	93	91	88	90	90	92	91	96	97	95	88	89	92	91	94	91	94	95	91	92	91	92	96		90.
	Minimum	66	64	67	63	67	67	69	67	69	71	62	67	68	66	68	68	70	71	70	77	71	71	69	64	67	69	69	68	68	69		68.
Arkadelphia §§	Maximum	82	88	81	85	73	89	91	92	91	89	87	90	93	90	90	96	94	91	90	92	91	93	92	94	93	95	95	94	93	91		90.
	Minimum	64	63	67	62	66	68	69	67	69	70	61	68	69	68	68	69	71	75	71	71	70	71	72	67	69	70	69	68	70	70		68.
Batesville	Maximum	87	88	82	82	85	85	92	93	88	89	83	82	83	83	92	94	90	92	88	92	92	84	90	91	93	91	92	86	86	91		88.
	Minimum	68	67	66	67	68	66	69	67	68	74	58	64	66	64	64	67	72	77	76	72	72	70	63	66	70	66	67	67	69	69		68.
Bee Branch	Maximum	85	85	85	80	80	83	88	96	90	86	81	86	86	86	90	90	90	90	85	90	89	89	88	89	90	94	94	85	90	95		87.
	Minimum	66	64	67	66	69	66	66	65	69	70	58	62	65	65	65	67	70	77	73	70	71	71	66	68	67	67	68	67	68	70		67.
Benton §§	Maximum	87	86	78	81	85	88	89	90	89	88	85	86	88	86	92	92	90	89	87	89	89	90	89	90	92	93	93	90	91	91		88.
	Minimum	61	62	64	62	67	67	67	66	68	69	59	65	67	65	65	66	67	70	75	70	71	72	70	67	68	67	67	76	68	65		67.
Bentonville ***	Maximum	82	85	73	81	81	85	88	88	85	84	80	78	80	81	90	91	90	90	83	88	84	82	85	87	89	88	87	73	87	86		84.
	Minimum	64	64	57	51	64	67	70	68	61	60	53	60	61	64	71	73	70	72	68	71	71	67	61	69	67	70	68	67	63	67		65.
Blytheville	Maximum	85	89	88	80	90	91	91	95	89	90	80	82	85	85	94	94	85	91	88	90	93	89	88	90	91	91	93	89	83	90		88.
	Minimum	68	67	68	66	66	67	71	71	69	73	59	64	66	62	64	70	71	75	75	72	71	73	65	67	68	69	68	68	70	70		68.
Booneville	Maximum	84	85	80	81	85	86	89	92	89	89	85	87	92	87	94	94	90	91	82	90	90	90	91	94	96	96	93	86	93	94		89.
	Minimum	65	65	66	61	69	67	70	66	66	75	55	64	68	70	70	70	70	79	72	71	72	72	69	67	67	68	68	68	69	70		68.
Brinkley	Maximum	86	88	84	83	85	88	89	91	93	98	85	79	88	83	92	92	93	92	92	90	92	91	88	91	93	90	92	70	85	88		88.
	Minimum	66	66	69	68	68	69	70	69	67	72	62	61	65	65	63	69	73	76	76	72	71	70	70	67	70	69	66	68	68	71		68.
Camden	Maximum	90	88	83	87	90	90	91	93	94	93	90	89	92	92	97	98	96	92	93	88	92	92	94	93	96	95	96	93	94	93		92.
	Minimum	65	65	68	67	68	71	70	67	70	72	69	69	78	67	67	68	74	78	72	70	71	73	71	67	68	67	69	69	69	72		69.
Conway	Maximum	87	89	84	83	85	87	91	93	88	89	85	86	90	85	92	94	93	91	88	93	91	91	90	92	91	92	92	88	91	93		89.
	Minimum	67	66	70	66	70	68	69	68	70	72	60	64	66	67	67	69	72	74	73	73	72	72	72	71	68	68	69	68	70	71		69.
Corning	Maximum	84	86	84	84	86	89	92	95	90	88	81	82	82	86	93	95	92	94	89	94	93	90	90	90	90	93	92	86	87	90		88.
	Minimum	66	67	67	61	62	67	68	68	66	70	55	61	63	60	61	70	71	75	76	70	72	66	63	65	66	67	67	66	68	65		66.
Crossett	Maximum	86	81	82	86	87	90	92	94	91	92	89	91	94	90	94	94	92	91	93	91	92	92	95	94	88	95	96	94	90	94		91.
	Minimum	64	65	63	63	65	66	65	65	64	78	65	68	66	67	60	64	69	75	71	63	66	65	63	65	66	63	65	65	67	67		65.
Dardanelle	Maximum	87	86	85	83	87	86	91	92	92	90	85	88	90	87	94	93	92	90	83	91	91	91	92	92	92	93	92	88	91	93		89.
	Minimum	68	66	69	65	69	68	70	68	70	75	58	65	68	69	69	71	74	75	75	72	73	73	72	72	70	68	70	69	70	71		69.
De Queen	Maximum	86	86	82	83	85	87	89	91	90	90	86	86	93	90	93	94	91	87	84	90	88	83	91	91	92	90	93	83	94	94		88.
	Minimum	67	66	66	62	69	70	69	68	69	73	60	68	69	69	71	71	71	77	70	72	72	71	71	67	69	70	71	70	70	69		69.
Devils Knob	Maximum	82	80	72	75	77	78	82	84	78	79	78	79	80	78	83	85	85	83	78	81	79	80	83	83	82	84	85	80	83	84		80.
	Minimum	64	62	62	60	64	62	66	67	58	67	56	59	62	66	65	68	76	71	65	67	67	68	67	65	66	67	63	64	64	67		64.
Dumas	Maximum	85	89	82	84	80	90	93	94	84	94	89	90	93	89	93	93	94	95	95	95	96	94	94	90	94	94	95	96	90	94		91.
	Minimum	67	69	69	69	67	72	69	70	70	72	71	66	68	69	64	70	73	77	75	72	71	73	72	68	68	68	69	69	69	71		69.
El Dorado	Maximum	86	76	73	79	85	82	87	95	94	95	91	93	96	93	96	95	96	95	97	94	95	93	96	97	96	96	96	97	93	96		91.
	Minimum	68	68	67	68	70	73	73	72	72	74	74	73	72	70	72	73	75	75	77	74	73	73	73	71	71	70	73	72	70	70		71.
England	Maximum	88	92	83	83	86	91	94	96	96	98	87	81	83	82	84	87	..	..	84	89	87	86	83	82	85	91	88	84	85	88		87.
	Minimum	66	68	70	66	69	67	70	69	69	70	68	63	67	66	65	69	..	.	72	71	71	71	70	62	70	67	66	67	67	68		68.
Eureka Springs	Maximum	85	85	76	81	82	81	88	88	83	84	79	79	81	77	90	91	90	91	89	85	83	82	85	86	88	88	87	75	86	88		84.
	Minimum	63	63	63	54	62	66	69	68	60	71	54	60	61	62	68	71	69	67	67	70	68	64	63	67	66	71	68	66	63	67		65.
Fayetteville	Maximum	81	82	78	78	79	81	85	86	83	83	76	78	78	80	88	87	87	88	83	84	82	79	83	84	86	87	87	75	84	83		82.
	Minimum	63	64	65	53	65	68	69	68	60	72	56	59	62	64	72	74	71	75	67	71	70	69	60	67	68	70	69	67	66	66		66.
Fayetteville Exp. S	Maximum	81	82	77	79	78	84	87	89	85	83	80	81	80	81	90	90	90	90	88	85	84	82	85	87	88	89	89	77	86	86		84.
	Minimum	62	64	65	52	63	68	69	68	60	73	53	58	63	64	72	74	72	75	68	72	69	71	60	68	67	69	69	67	66	67		66.
Fordyce	Maximum	85	84	78	82	86	88	88	93	90	94	..	..	..	..	93	92	93	92	92	88	91	92	89	93	94	96	96	92	90	91		90.
	Minimum	66	67	69	67	66	71	71	70	69	71	..	..	..	..	68	71	73	74	74	72	72	74	73	69	69	70	70	70	70	72		70.
Fort Smith***	Maximum	86	88	79	82	82	87	90	92	90	87	84	85	88	89	96	97	92	92	86	89	88	87	88	92	94	90	91	81	91	91		88.
	Minimum	69	67	66	61	68	68	72	71	64	70	60	63	69	72	72	75	74	80	69	74	75	71	67	69	70	72	72	70	71	70		69.
Gilbert§§	Maximum	85	85	75	80	84	86	90	91	87	88	83	83	85	83	91	93	90	91	86	89	86	87	88	89	90	95	92	83	87	90		87.
	Minimum	59	59	62	56	65	61	63	62	63	65	50	60	62	59	61	63	65	69	72	67	66	67	60	62	63	63	65	63	66	66		62.
Grannis	Maximum	84	85	78	82	82	85	86	88	87	87	85	84	91	90	91	91	87	86	80	88	85	90	88	88	90	88	91	86	93	91		86.
	Minimum	67	64	65	60	67	66	68	66	67	70	65	64	68	66	68	68	71	75	68	71	70	67	68	65	67	67	67	67	67	68		67.
Gravette§§	Maximum	74	75	66	73	81	85	89	91	85	82	81	79	81	80	90	90	90	89	85	87	85	83	87	90	88	88	90	76	90	89		84.
	Minimum	63	64	60	52	51	67	69	67	60	61	49	57	60	64	66	72	65	72	67	67	71	66	59	61	66	69	67	67	61	65		63.
Green Mountain	Maximum	81	81	81	77	81	81	87	88	82	85	78	78	79	78	88	87	86	86	84	86	85	83	85	86	86	86	87	81	85	86		83.
	Minimum	65	65	65	61	65	66	69	69	65	72	57	60	63	63	67	70	71	75	75	69	72	67	66	69	67	67	69	66	66	66		66.
Harrison	Maximum	86	86	83	80	86	87	91	90	85	88	81	81	82	83	92	94	93	93	87	91	90	87	88	87	90	92	91	80	90	88		87
	Minimum	63	62	58	55	66	65	69	66	62	70	56	61	64	63	65	67	68	77	68	70	71	66	60	60	65	67	67	65	68	68		65.
Helena	Maximum	84	85	83	81	82	84	89	91	87	88	85	85	86	84	90	92	88	89	89	90	90	90	90	89	90	91	91	90	84	87		87.
	Minimum	63	66	67	69	66	70	68	71	69	71	67	64	65	66	66	71	72	75	73	72	72	73	68	65	69	68	66	68	67	70		68.
Highland	Maximum	84	86	81	82	85	86	88	90	89	89	88	87	94	93	95	93	93	87	87	89	90	91	90	90	92	91	91	90	92	92		89.
	Minimum	66	64	66	63	67	68	68	67	68	72	63	60	69	64	66	69	72	65	68	72	71	70	67	67	68	69	68	67	68	68		67.
Hope §§ ‡‡	Maximum	85	87	81	80	88	85	85	92	85	85	90	84	92	90	91	95	92	79	88	88	87	88	93	92	90	90	90	94	92	92		88.
	Minimum	67	65	68	66	68	69	70	70	71	73	67	67	71	68	70	69	74	77	70	71	73	72	72	69	69	69	70	69	70	71		69.

Daily temperatures for June, 1939, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hot Springs	Maximum	85	85	77	79	85	84	88	90	89	87	85	85	87	85	94	92	91	90	87	90	90	90	88	88	92	94	95	90	89	91		88.1
	Minimum	65	64	70	64	68	68	69	67	69	73	59	66	62	66	64	68	70	73	70	72	72	72	70	67	67	69	68	67	68	70		67.9
Irons Fork §§‡‡	Maximum	81	..	84	78	82	84	86	88	..	86	..	84	89	86	90	91	..	..	78	87	85	86	84	88	88	87	86	82	88	88		85.4
	Minimum	66	63	..	62	66	68	69	63	62	..	49	..	62	63	69	68	..	..	69	68	71	66	66	61	63	65	64	64	64	61		64.5
Jonesboro	Maximum	85	88	84	83	87	88	92	93	90	90	85	83	83	85	94	94	91	90	90	90	91	89	89	91	93	93	93	86	86	91		88.9
	Minimum	66	66	67	66	67	68	68	70	67	72	58	62	63	62	61	69	73	75	75	72	72	66	65	66	69	69	66	66	68	69		67.4
Lead Hill	Maximum	84	84	77	76	78	79	90	93	86	84	79	76	83	79	87	83	83	83	87	81	81	72	86	88	88	92	89	81	89	89		83.6
	Minimum	59	59	64	51	63	64	68	63	62	71	56	60	62	57	61	64	65	69	67	68	70	64	57	63	64	62	65	62	66	65		63.0
Little Rock ***	Maximum	84	88	77	81	82	85	88	89	88	87	84	81	86	84	91	91	90	89	88	90	88	90	85	89	90	92	92	86	87	89		87.0
	Minimum	68	69	65	65	70	70	71	70	68	73	66	67	68	69	71	73	75	78	73	74	73	74	71	70	73	72	71	70	70	72		70.6
Little Rock [Airway]	Maximum	86	90	81	83	85	86	92	93	91	96	87	83	88	86	91	93	93	92	90	94	94	95	89	91	93	97	94	89	90	92		90.1
	Minimum	67	67	71	65	70	69	70	69	71	73	63	66	67	66	68	69	72	78	74	74	72	74	72	69	71	68	69	68	70	72		69.8
Lutherville	Maximum	85	83	78	80	83	83	89	89	85	87	82	83	87	82	90	91	91	90	86	88	89	86	87	88	88	92	90	86	89	91		86.6
	Minimum	66	63	67	65	68	67	68	66	61	73	56	63	65	66	67	68	72	75	72	69	70	71	63	69	68	67	68	66	73	68		67.3
Magnolia	Maximum	87	87	85	89	88	90	90	93	92	93	91	89	95	95	97	98	97	94	93	92	94	90	95	95	94	95	94	92	91	94		92.3
	Minimum	68	67	67	67	68	71	70	69	70	73	70	73	70	69	71	72	74	78	73	71	72	72	72	70	69	72	71	71	72	71		70.8
Mammoth Spring	Maximum	86	86	82	74	86	86	91	93	89	88	81	83	83	82	93	95	95	95	90	93	93	89	89	91	90	92	91	86	89	87		88.3
	Minimum	66	64	65	58	60	64	66	64	63	70	56	57	63	60	61	63	69	72	73	72	71	67	64	62	66	63	67	66	68	66		64.9
Marianna	Maximum	84	86	81	..	84	87	92	93	90	92	89	..	87	85	90	90	90	..	90	90	91	90	88	90	91	..	90	89	85	88		88.5
	Minimum	67	69	69	..	69	70	89	72	72	73	..	63	68	68	67	71	75	..	77	74	74	72	73	69	..	71	69	70	69	73		71.3
Marked Tree §§	Maximum	85	88	85	84	86	90	92	94	88	89	83	80	83	85	93	92	90	91	89	90	92	90	89	91	92	92	92	88	83	89		88.5
	Minimum	68	62	67	65	66	69	69	69	69	70	59	62	61	63	63	70	73	73	75	70	72	72	65	68	69	69	66	64	67	69		67.5
Mena	Maximum	84	86	76	83	84	87	88	92	89	90	87	86	91	89	93	95	92	88	79	88	86	90	88	83	94	91	92	87	94	92		88.1
	Minimum	65	65	66	64	68	68	69	68	69	73	55	64	67	67	67	67	70	76	70	70	72	70	69	64	66	69	68	67	68	73		67.8
Monticello	Maximum	88	87	83	83	84	86	92	92	90	83	83	82	86	86	92	92	90	90	92	90	92	92	92	90	90	94	95	92	89	91		88.9
	Minimum	69	70	70	70	69	70	75	76	76	74	74	74	73	72	72	72	72	76	72	74	74	74	72	70	72	72	70	71	70	70		72.2
Morrilton §§	Maximum	86	87	84	83	85	85	91	91	89	90	85	86	90	84	91	92	98	90	89	91	91	93	89	91	92	95	91	89	92	92		89.2
	Minimum	68	66	69	64	65	68	70	68	70	67	58	65	68	69	68	70	73	74	72	73	73	72	69	72	70	68	70	68	70	70		68.9
Mountain Home	Maximum	87	87	78	83	87	88	92	93	87	88	80	80	82	93	93	93	91	93	89	91	91	86	88	91	90	90	91	84	88	88		88.1
	Minimum	63	63	65	60	59	65	69	66	65	69	58	54	63	60	62	60	68	71	67	68	70	66	61	65	67	65	65	65	65	63		64.2
Mt. Ida	Maximum	85	88	78	82	86	87	89	92	90	88	88	87	93	88	94	93	93	88	85	89	91	92	93	91	94	92	91	91	93	90		89.4
	Minimum	61	62	66	63	66	67	68	62	65	72	53	64	66	62	65	64	65	70	72	70	72	69	70	67	62	66	66	64	67	65		65.7
Newport	Maximum	84	88	83	84	85	88	92	93	89	90	85	82	83	83	93	93	92	92	90	93	92	91	91	91	93	91	94	87	82	91		88.8
	Minimum	67	69	69	66	70	69	68	68	69	72	58	63	66	64	62	68	74	74	77	71	71	71	65	67	69	69	66	68	70	70		68.3
Oden ***	Maximum	84	86	76	83	84	88	89	86	87	87	86	86	90	87	92	92	90	84	82	90	88	90	87	90	94	89	90	86	91	92		87.5
	Minimum	66	64	65	65	67	67	69	64	69	72	57	70	67	67	68	68	68	74	61	71	72	70	69	64	65	70	68	58	68	68		67.0
Okay	Maximum	86	87	84	83	85	87	90	92	91	91	93	93	95	93	96	97	95	96	90	92	93	93	94	94	95	93	98	94	98	96		92.1
	Minimum	67	67	69	72	68	68	68	68	69	73	75	71	69	68	72	70	71	74	70	73	71	72	71	67	69	71	71	70	70	68		70.1
Ozark	Maximum	86	87	82	81	86	85	91	92	88	89	85	84	89	94	91	95	93	93	84	89	89	89	92	92	93	94	92	85	92	95		89.2
	Minimum	64	65	68	60	63	60	68	60	64	71	53	62	66	69	65	70	71	77	62	70	70	77	..	..	.	..	..	..	..	..		66.1
Paragould	Maximum	84	87	84	82	87	89	91	92	88	89	83	82	85	86	93	94	91	90	90	92	91	89	90	88	91	90	91	85	85	90		88.3
	Minimum	68	68	67	66	67	68	69	70	68	70	56	62	64	62	61	68	74	76	76	71	72	68	63	66	67	68	66	68	69	69		67.6
Pine Bluff	Maximum	85	85	81	81	85	87	89	90	89	90	85	86	89	86	91	92	90	90	91	88	91	89	89	89	91	92	92	91	87	90		88.4
	Minimum	67	69	70	67	69	72	72	71	71	74	69	68	69	69	67	72	74	79	76	74	73	75	70	70	68	70	70	70	70	73		70.9
Pocahontas	Maximum	83	86	83	85	87	88	91	93	90	87	79	82	83	85	94	93	92	92	90	92	92	90	90	90	91	96	93	88	87	90		88.7
	Minimum	66	66	67	63	64	67	66	67	65	71	53	61	64	60	60	61	72	73	70	70	71	66	63	60	67	67	66	68	70	67		65.7
Portland	Maximum	86	86	83	85	88	88	93	92	93	92	88	91	93	90	93	93	93	94	94	93	92	94	95	90	93	92	92	93	90	92		91.0
	Minimum	64	65	66	67	65	69	68	69	66	68	67	68	68	69	64	69	70	75	74	69	68	66	66	68	66	65	67	67	68	69		67.7
Prescott	Maximum	84	89	88	85	89	91	92	94	94	92	92	90	94	92	95	96	95	94	91	91	93	93	94	93	93	92	94	92	94	94		92.0
	Minimum	66	66	69	65	68	70	70	69	71	73	67	72	71	68	70	69	74	76	71	73	73	74	73	69	69	70	69	70	71	72		70 3
Rogers	Maximum	85	85	75	81	82	84	88	89	84	83	79	79	80	79	90	91	89	89	84	86	84	81	86	86	88	89	84	74	87	86		84.2
	Minimum	62	63	64	50	64	66	67	67	61	73	51	60	61	63	70	72	70	71	67	71	69	66	60	67	66	69	68	67	64	65		65.1
Russellville ‡‡	Maximum	88	86	86	82	88	88	91	93	93	91	86	87	90	89	94	94	95	94	84	92	93	93	92	92	92	94	92	88	91	93		90.3
	Minimum	65	64	68	65	70	68	68	67	69	71	59	64	68	68	68	67	71	77	75	72	73	72	70	70	69	68	69	68	70	71		68.6
St. Charles §§	Maximum	87	86	82	73	85	86	91	91	91	89	87	84	86	84	90	91	90	91	90	82	92	92	91	90	92	92	91	93	88	90		88.2
	Minimum	65	68	68	69	68	70	69	70	69	73	70	66	66	68	66	71	72	75	76	72	72	74	72	68	70	69	68	68	67	69		69.6
Searcy	Maximum	88	89	82	85	86	88	91	92	90	89	87	84	87	87	93	94	92	91	89	92	92	90	90	92	93	93	95	86	88	93		89.6
	Minimum	68	69	69	68	70	68	70	69	70	71	58	64	67	66	64	69	74	74	75	71	72	73	68	69	72	69	68	67	69	70		69.0
Stuttgart	Maximum	87	88	82	83	86	89	92	93	91	92	88	86	89	86	91	91	92	92	92	91	93	92	90	92	92	92	93	93	89	93		90.0
	Minimum	64	66	67	66	68	69	68	67	68	70	67	63	65	65	68	67	70	74	73	70	69	70	67	67	67	67	66	66	65	70		67.6
Stuttgart ‡‡§§	Maximum	86	87	81	81	86	87	91	91	92	92	86	86	88	86	90	91	91	91	91	89	91	90	91	91	92	91	90	91	86	88		88.8
	Minimum	66	69	70	68	70	71	70	70	71	72	70	65	67	68	64	70	74	77	75	73	72	74	72	69	69	70	68	69	68	74		70.2
Subiaco	Maximum	86	85	77	84	85	87	88	88	88	87	85	83	88	86	93	94	..	..	..	–	..	..	..	92	91	94	91	89	91	94		88.1
	Minimum	64	63	65	61	67	67	68	66	65	73	60	62	62	67	68	72	73	76	69	70	73	69	70	66	64	66	67	65	68	70		67.2
Texarkana	Maximum	88	90	85	99	95	95	99	100	100	92	92	91	96	97	98	99	95	92	90	92	92	94	96	95	96	98	95	96	98	98		94.8
	Minimum	71	67	68	67	70	70	70	71	71	73	68	71	70	71	72	72	71	77	70	70	72	73	73	68	72	73	71	73	73	72		71.0
Thornburg	Maximum	86	87	73	82	85	84	87	99	87	87	85	85	89	84	90	90	89	86	84	88	89	90	86	91	89	92	89	89	89	91		87.4
	Minimum	59	66	65	62	65	65	67	62	64	69	60	62	64	60	70	65	70	67	70	72	72	71	68	65	64	66	68	65	67	65		65.8
Turnpike	Maximum	80	77	72	77	77	77	81	83	77	79	76	77	79	74	83	83	84	81	76	80	81	79	82	82	82	84	85	80	82	83		79.8
	Minimum	63	62	61	60	64	61	67	62	61	69	58	60	61	66	66	69	70	71	70	70	68	69	67	69	65	68	64	65	65	70		65.4
Waldron	Maximum	85	87	85	81	86	88	90	92	..	90	..	87	90	..	94	96	92	91	85	90	90	92	91	93	94	93	90	87	91	92		89.7
	Minimum	64	64	65	61	68	67	69	66	..	69	55	..	67	..	69	69	70	79	72	72	73	71	71	65	66	68	78	78	79	76		69.3
Warren	Maximum	87	86	81	84	86	87	92	92	91	92	88	90	94	95	93	92	93	91	93	92	95	89	92	90	94	92	91	92	90	91		90.5
	Minimum	68	67	68	68	67	70	71	71	68	72	71	69	64	69	73	77	75	73	70	72	71	68	70	68	70	70	67	68	69	70		69.8
White Rock	Maximum	79	79	75	75	76	76	92	83	80	80	76	77	80	78	85	86	84	82	78	81	81	81	83	84	84	84	85	77	84	85		80.7
	Minimum	62	62	65	63	64	63	66	67	59	67	57	58	63	66	66	69	70	71	65	67	67	68	67	67	64	67	65	65	64	71		65.2
Wilson	Maximum	86	89	86	80	86	89	91	93	96	90	89	83	83	84	92	92	94	91	91	91	91	92	89	89	92	90	91	92	91	92		89.5
	Minimum	67	68	68	67	69	67	68	69	70	73	65	60	67	63	64	67	71	74	75	72	74	68	66	67	68	70	67	67	66	68		68.2
Wynne	Maximum	87	88	84	81	85	88	92	92	89	90	85	82	85	85	92	93	89	91	89	89	91	90	87	90	92	92	93	88	84	89		88.4
	Minimum	66	66	67	66	68	69	67	69	69	72	59	63	67	65	64	63	72	75	75	71	70	73	66	66	69	69	65	65	68	69		67.8

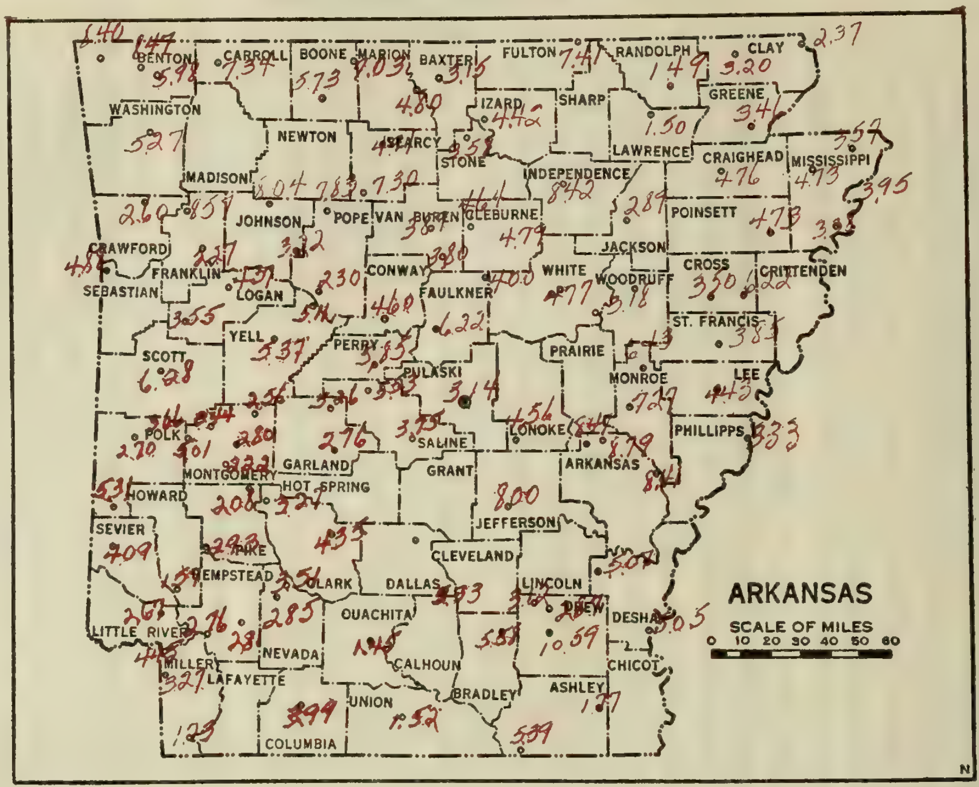
Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for June, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope §§ [Exp. Farm]	Evap.	.218	.108	.250	.047	.279	.266	.195	.290	.298	.326	323	.295	.230	389	.155	.248	.388	.037	.356	.199	.604	.776	.263	.308	.256	.244	.256	.197	.189	.258		8.248
	Mean tem.	76	76	74	73	78	77	78	81	78	79	78	76	80	79	80	82	83	78	79	80	80	80	82	80	80	80	80	82	81	82		79.0
	Wind move	....	7	27	40	13	48	21	35	36	112	33	29	28	40	30	27	28	77	61	40	47	38	43	60	21	15	38	35	24	55		1103
Irons Fork §§ [Exp. Forest]	Evap.	.321	.094	*	.190	.092	.192	.108	.190	.196	*	*	.556	.169	.158	.142	.204	*	*	.494	.046	.126	.111	.131	.086	.194	.167	.123	.054	.104	.176		4.424
	Mean tem.	74	...	...	70	74	76	78	76	....	....	...	...	76	74	80	80	..	....	74	78	78	76	75	74	76	76	75	73	76	74		75.0
	Wind move	9	4	*	10	6	25	19	23	10	*	*	89	2	7	22	19	*	*	82	15	28	18	12	3	14	14	9	7	11	6		459
Russellville [Ozark Nursery]	Evap.	.258	.130	.224	.078	.118	.168	.232	.198	.164	.228	.436	.200	.276	.226	.246	.310	.372	.268	.306	.218	.310	.250	.238	.260	.260	.200	.252	.134	.196	.252		7.008
	Mean tem.	76	75	77	74	79	78	80	80	81	81	72	76	79	78	81	80	83	86	80	82	83	82	81	81	80	78	80	78	80	82		79.4
	Wind move	27	20	43	7	19	21	26	22	26	61	36	25	24	22	28	23	33	43	35	36	25	31	21	13	14	11	15	18	22	16		763
Stuttgart §§ [Rice Exp. Farm]	Evap.	.054	.268	.170	.075	.068	.147	.190	.226	.229	.222	.364	.253	.013	.121	.231	.212	.211	.246	.273	.269	.144	.249	.249	.172	.217	.214	.255	.158	....	.141		5.846
	Mean tem.	76	78	76	74	78	79	80	80	82	82	78	76	78	77	77	80	82	84	83	81	82	32	82	80	80	80	79	80	77	81		79.5
	Wind move	55	32	75	53	51	53	49	47	47	102	154	44	49	40	45	33	37	152	148	125	77	80	80	28	28	17	45	36	102	100		1984

Corrections:--March, 1939. Hot Springs, maximum should be 82° on 22d. April, 1939, Bee Branch, number of days 0.01 or more 6. Gravette, maximum 90° on 25th. Irons Fork, mean maximum temperature 69.5°. May, 1939, Irons Fork, monthly evaporation 4.706.

Precipitation for June, 1939



Daily River Stages for June, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.7	8.8	8.2	7.8	7.3	7.3	7.7	7.2	7.0	6.8	6.7	6.5	7.1	9.8	10.0	9.2	9.0	9.1	9.1	8.5	8.3	8.3	7.8	7.4	7.0	8.2	8.5	9.4	9.6	10.2	
Van Buren	do	22	9.1	7.8	7.4	6.8	6.3	6.2	6.5	6.2	5.9	5.6	5.4	5.3	5.6	8.6	9.5	8.5	7.9	8.2	8.5	7.7	7.4	7.3	6.8	6.5	6.0	7.0	7.5	8.9	8.7	9.3	
Danville	Petit Jean	20	4.4	7.3	5.0	6.2	5.5	5.5	4.4	4.7	4.1	3.7	3.4	3.4	3.9	3.3	3.1	3.1	3.0	2.8	2.8	3.4	3.0	2.7	2.6	2.6	3.1	3.1	3.0	2.8	2.8	3.0	
Ozark	Arkansas	22	5.7	4.2	3.6	2.9	2.5	2.3	2.2	2.0	2.0	1.8	1.4	1.3	1.3	1.3	5.1	4.7	3.9	3.8	4.1	3.8	3.4	3.2	2.9	2.6	2.2	1.9	1.7	4.3	4.4	4.6	
Dardanelle	do	22	10.1	8.8	7.5	6.9	6.2	5.8	5.5	5.3	5.5	5.1	4.6	4.5	4.3	4.4	5.7	8.1	7.6	6.8	6.8	7.2	6.8	6.3	6.2	5.9	5.4	5.1	5.0	6.2	7.8	7.8	
Morrilton	do	20	8.1	6.8	5.3	4.6	3.8	3.2	2.7	2.2	2.0	1.8	1.3	0.8	1.2	1.2	1.0	3.6	4.5	3.8	3.2	3.3	3.4	2.9	2.5	2.4	2.0	1.5	1.0	1.6	3.1	4.2	
Little Rock	do	23	9.0	8.1	7.0	6.1	5.4	5.0	4.5	4.2	3.8	3.6	3.4	3.0	3.0	3.8	3.6	3.3	4.8	5.2	4.6	4.2	4.3	4.3	4.0	3.6	3.5	3.2	3.0	2.6	3.2	4.3	
Pine Bluff	do	25	13.2	13.0	11.8	10.7	9.8	9.1	8.5	8.1	7.7	7.3	8.1	7.9	6.6	6.9	7.5	7.0	7.0	8.6	8.6	8.2	7.7	7.6	7.6	7.4	7.0	6.9	6.5	6.5	6.6	7.0	
Gilbert	Buffalo	30	5.3	5.0	4.9	4.9	4.6	4.5	4.3	4.2	4.0	3.8	3.8	4.0	5.9	5.1	4.7	4.3	4.0	4.0	3.9	3.9	3.9	3.8	4.0	4.0	4.6	4.8	4.4	6.6	6.4	5.6	
Doniphan, Mo.	Current	10	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.5	3.6	3.7	3.7	3.7	
Black Rock	Black	14	8.8	8.0	7.4	7.1	6.8	6.4	6.1	5.9	5.6	5.4	5.4	5.3	5.3	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.3	4.2	4.1	4.0	4.0	4.0	5.5	5.3	5.0	
Heber Springs	Little Red	30	7.1	6.4	6.2	6.1	5.5	6.3	5.7	5.2	4.8	4.5	4.2	4.2	4.8	5.6	5.6	4.9	4.5	4.2	4.0	3.8	3.7	3.6	4.2	3.9	3.6	3.5	3.9	3.8	3.9	4.6	
OzarkBeachMo	White	30	5.3	4.9	5.2	4.8	4.6	4.4	0.6	1.2	3.8	2.7	1.3	2.3	4.6	2.4	2.4	1.6	1.6	-0.7	-0.7	-0.7	0.3	1.8	-0.7	2.8	3.0	3.8	2.4	4.0	4.8	5.5	
Cotter	do	21	7.5	6.9	6.8	6.8	6.4	5.8	5.8	5.8	5.2	4.5	4.5	4.5	4.5	5.0	5.0	4.7	4.7	4.2	4.0	4.0	4.0	4.0	4.5	5.0	5.0	6.0	5.8	5.8	8.0	7.5	
Calico Rock	do	18	7.3	6.0	6.1	6.0	5.3	4.9	4.6	4.0	3.5	3.9	4.1	3.8	3.1	4.5	4.6	3.7	3.6	2.8	2.4	2.3	2.3	2.3	2.3	3.5	3.1	4.2	4.8	5.0	6.2	6.5	
Batesville	do	23	15.3	13.7	12.7	13.0	12.4	11.6	11.0	10.7	9.7	9.2	9.9	9.5	9.4	9.0	10.5	10.0	9.2	8.9	8.5	8.0	7.6	7.8	8.1	7.8	8.8	9.0	11.2	11.0	12.0	13.6	
Newport	do	26	23.0	21.2	19.1	17.2	15.7	14.4	13.0	11.8	10.7	9.2	8.3	8.4	8.0	7.6	7.4	8.1	7.6	6.9	6.2	5.8	5.3	4.8	5.0	5.1	5.6	5.6	6.4	7.3	9.1	10.2	
Georgetown	do	21	23.0	23.0	22.8	22.5	22.1	21.7	21.2	20.7	20.0	19.0	17.7	16.4	15.5	14.5	13.5	12.7	12.3	11.7	11.1	10.3	9.5	8.8	8.3	7.8	7.7	7.7	7.9	8.4	9.7	10.8	
Clarendon	do	26	27.0	27.3	27.5	27.6	27.8	27.8	27.6	27.5	27.2	26.9	26.6	26.2	26.2	25.7	25.1	24.4	23.8	23.0	22.3	21.5	20.7	19.8	18.8	17.9	16.9	16.1	15.9	15.6	16.1	17.0	
St. Charles	do	25	25.0	25.1	25.3	25.5	25.6	25.8	25.8	25.8	25.8	25.7	25.6	25.4	25.4	25.2	25.0	24.8	24.6	24.3	23.9	23.5	23.1	22.5	21.7	20.8	19.6	18.3	17.3	16.6	17.0	17.5	
Arkadelphia	Ouachita	17	7.5	6.8	6.5	5.6	4.8	6.4	6.1	5.6	5.6	5.6	4.6	4.4	4.5	6.6	5.6	4.5	4.5	4.3	4.5	4.4	4.6	4.3	4.0	4.6	4.7	4.2	4.4	4.2	4.3	4.7	
Boughton	Little Mo.	20	5.0	4.8	4.6	4.6	4.4	4.5	5.2	4.8	4.6	4.3	4.1	4.0	3.9	3.8	4.0	4.4	4.0	3.7	3.6	3.7	4.2	4.1	3.9	4.0	4.0	4.7	4.2	4.0	3.7	3.8	
Camden	Ouachita	26	14.2	12.0	11.4	9.2	9.4	8.4	8.4	9.2	9.0	8.2	7.5	6.8	5.9	5.0	6.0	7.6	6.0	5.4	4.8	4.5	4.6	4.6	4.7	4.7	4.6	5.8	5.3	5.0	5.2	5.2	
Benton	Saline	20	6.5	6.2	6.0	6.0	5.8	6.2	6.0	5.9	5.7	5.4	6.1	5.8	5.5	6.1	5.5	5.3	5.1	4.9	4.8	4.8	4.8	4.6	4.7	4.6	4.6	4.7	5.0	6.0	6.0	6.0	
Whitecliffs	Little River	25	2.7	2.7	2.7	2.5	2.5	3.0	3.0	2.7	2.5	5.9	5.5	4.1	3.5	2.5	2.4	2.4	2.4	2.4	2.0	2.0	2.0	2.0	1.5	1.5	1.5	1.4	1.4	2.4	2.4	3.0	
Index	Red	25	9.0	8.9	8.7	8.6	8.2	9.1	9.7	9.8	13.2	12.6	11.2	10.0	9.8	9.8	9.7	8.2	8.0	8.0	7.8	7.7	8.1	8.2	8.2	7.8	7.6	7.5	7.4	15.0	13.2	11.8	
Fulton	do	25	6.9	6.7	6.7	6.5	6.4	6.6	7.3	7.6	11.2	11.8	10.4	9.0	7.8	6.9	6.4	6.1	6.0	6.1	6.2	5.9	5.6	5.4	5.2	5.2	5.0	4.9	5.0	11.6	12.4	10.8	
Big Lake Outl't	St. Francis	10	8.1	7.8	7.7	7.6	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.7	6.7	6.6	6.5	6.3	6.3	6.2	6.0	5.8	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.6	5.6	
St. Francis	do	18	5.9	5.8	5.6	5.4	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.5	4.8	5.0	5.0	5.1	5.3	5.6	5.8	6.9	
St. Francis L.L.	do	..	22.9	22.7	22.6	22.5	22.4	22.2	22.1	21.8	21.5	21.3	21.2	20.9	20.6	20.5	20.4	20.3	20.3	20.2	20.1	20.3	20.0	19.9	19.8	19.8	19.7	19.6	19.6	19.4	19.3	19.3	
Marked Tree	do	17	2.8	2.7	2.6	2.5	2.4	2.3	2.2	4.9	5.0	4.8	4.6	4.9	6.1	5.0	4.8	4.8	4.5	4.7	4.5	4.2	4.5	4.6	4.6	4.5	4.4	4.4	4.5	4.5	6.3	6.4	
Parkin	do	28	9.9	9.3	9.0	8.7	8.4	8.2	7.8	7.6	7.9	7.9	7.5	7.1	7.4	7.5	7.0	6.6	6.3	5.9	5.9	5.7	5.2	5.5	5.5	5.6	5.4	5.2	5.4	5.4	6.4	7.0	
Madison	do	32	11.6	11.0	10.6	10.3	10.0	9.7	9.4	9.0	8.9	9.0	8.7	8.4	8.2	8.1	7.9	7.4	7.0	6.5	6.2	6.1	5.8	5.5	5.6	5.7	5.8	5.9	6.2	6.7	7.6	8.2	
Helena	Mississippi	42	15.9	15.7	15.8	16.0	16.2	16.1	16.1	16.3	16.8	17.2	17.4	17.5	17.7	17.7	17.8	18.1	18.4	18.6	18.7	18.9	18.8	18.4	19.0	20.6	22.4	24.0	25.2	26.0	26.7	27.0	
Arkansas City	do	42	16.8	16.4	16.1	15.9	15.8	15.8	15.6	15.5	15.5	15.6	15.9	16.0	16.0	16.0	16.0	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.3	16.3	17.0	18.0	18.9	19.7	20.2	20.8	

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year perio for stations with 10 to 14 years the means are for the period to 1935, inclusive. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation re corded is for the 24 hours ending at time of observation. [1] Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Precipi tation is measured in the morning; amount then recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measure ment. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Irons For Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mountain, Norman.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated ***Midnight to midnight. §§Ther mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station.

Weather Bureau Office, Little Rock, Ark. 7-28-39-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

H. S. COLE

OL. XLIV LITTLE ROCK, ARK., JULY, 1939 No. 7

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

Mean temperatures this month based on reports of 70 sta- ons was 82.0°, which is 1.5° above the 49-year average. onthly means ranged from 78.2° at Turnpike to 86.5° at exarkana. Temperatures were high during the second and ird week of the month, the highest recorded being 110° at oneville and Texarkana on the 22d. The lowest tempera- re recorded was 55° at Corning on the 30th and at Lead Hill the 30th and 31st. The greatest daily range was 45° re- rded at Mt. Ida on the 7th.

The average precipitation for 110 stations was 3.34 inches hich is 0.45 inch below the 49-year average. Monthly a- ounts ranged from 0.34 inch at Gravette to 9.67 inches at Dorado. Little or no rainfall was reported during the cond and third weeks of the month. Four stations reported inches or more during the month, while 7 stations in the estern portion of the State reported less than an inch. Six ations reported ten or more rainy days, the average being 7 ys. The greatest amount recorded in any 24-hour period as 4.03 inches at El Dorado on the 24th.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

tation	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
ntonville	29.94	30.19	11	29.75	3	5.9	18	w.	18	..	..	..	86
rt Smith	29.95	30.16	11	29.82	17	6.4	26	sw.	22	79	45	43	77
tle Rock	29.96	30.16	11	29.80	28	7.6	36	sw.	2	88	58	66	76
mphis	29.96	30.28	11	29.80	8	6.8	28	ne.	16	89	59	62	76

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	2	2	1	.	.	.	1	.	.	.	.	1	.	.	.	.	.	.	.	1	.	.	.		1	2	1	1	1	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	1	.		.	.	1	1	.	.	.
Moderate Hail		.	.	.	.		.	.		.	.	.	.	.	.	.		.		.		1	1	.		.	.		.	.	.
Thunderstorm	14	21	11		1	1		8	20	4	.	.	.	.	9	.	.	1	18	13	13	13	26	14	12	22	35	34	5	.	1

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	[illegible]	107	43	2.40	0	5	20	7	4
1916	[illegible]	106	55	2.09	0	6	19	9	3
1917	79.6	[illegible]	50	5.10	0	8	15	9	7
1918	79.6	111	[illegible]	[illegible]	0	4	19	7	5
1919	[illegible]	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	[illegible]	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	[illegible]	3.55	0	8	17	9	5
1927	79 6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	45	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2 32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3.34	0	7	19	8	4
Period	80.5	116	40	3.79	0	7	15	11	5

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Storms in July

Nature of storm	County	Location	Date	Time	Dir. moved	Length of path miles	Width of path yards	Killed	Injured	Damage	Remarks
hunderstorm	Pulaski	Little Rock	2	11:45 a.m.	NE	....	....	0	0	$ 1,000	High wind blew down trees and blew in several plate glass windows. Some property damaged by lightning.
hunderstorm	Hempstead	Hope (near)	2	9:00 a. m.	....	....	....	1	0	....	Farmer, age 44, killed by lightning.
hunderstorm	Benton	Rogers (near)	22	night	....	....	....	0	1	100	Property damaged by lightning.
eavy Hail-storm	Washingt'n	Farmington to Fayetteville	22	7:30 p. m.	NE	4	830	0	0	2,500	Hailstones, some as large as golf balls damage crops.
eavy Hail-storm	Washingt'n	Tontiton to Elm Springs	22	8.00 p.m.	NE	3 1-4	350	0	0	2,500	Hailstones, some as large as golf balls damaged crops. A chicken house was wrecked and several hundred chickens killed.
indstorm	Washingt'n	Farmington	22	2:45 p. m.	NE	short	220	0	0	1,500	Property damaged by straight-line wind.

Climatological Data for July, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	3	81.2	....	103	22	64	24§	34	1.54	....	0.48	0	6	12	17	2	n	L. R. Water Works
Amity	Clark	500	44	....	....	....	....	....	..	..	....	....	..	0	..	..	..	..	....	J. W. Campbell
Arkadelphia	Clark	200	44	83.0	....	106	22	66	5§	36	2.14	−1.55	0.45	0	8	21	6	4	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	55	....	....	....	....	....	....	....	4.87	+1.23	1.28	0	9	21	3	7	....	Herbert Neff
Batesville Airway	Independence	363	3	81.7	+1.9	100	8	59	31	32	3.42	....	1.26	0	8	18	11	2	se.	Airway Observer
Batesville	Independence	277	40	....	....	....	....	....	....	....	3.24	−0.58	0.99	0	8	21	7	3	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	82.2	+1.6	106	8	61	31	36	5.05	+1.64	2.00	0	8	19	9	3	w.	J. E. Scanlan
Benton	Saline	285	4	80.8	....	103	15	65	7§	34	3.25	....	1.22	0	6	22	4	5	ne.	S. A. Burks
Bentonville	Benton	1295	34	80.7	+3.3	100	15	58	30	31	0.81	−3.53	0.57	0	6	19	9	3	sw.	U. S. Weather Bureau
Big Lake Outlet †	Mississippi	239	9	...	..	....	....	....	....	....	4.58	...	1.62	0	7	20	5	6	....	C. J. Brooks
Black Rock	Lawrence	259	38	....	....	....	....	....	....	....	3.37	−0.37	1.37	0	6	27	2	2	s,	Vernon C. Howe
Blytheville	Mississippi	252	14	81.2	−0.8	101	7	60	30	34	3.74	+0.52	2.20	0	6	22	5	4	s	Samuel Norris
Booneville	Logan	465	25	85.6	+3.6	110	22	64	7	44	0.60	−2.89	0.38	0	4	15	14	2	s.	F. H. Randolph
Boughton †	Clark	235	4	...	....	....	....	....	....	....	2.75	..	1.49	0	4	20	7	4	....	Harry J. Buie
Brinkley	Monroe	205	48	80.2	−0.9	100	22	58	31	30	1.96	−2.32	0.69	0	7	19	7	5	ne.	R. J. Torry
Calico Rock	Izard	361	35	....	....	....	....	....	....	....	3.27	+0.33	1.03	0	8	19	9	3	....	William Jones
Camden	Ouachita	116	54	83.5	+2.3	105	15	65	7	35	4.64	+0.63	2.21	0	8	12	13	6	s.	J M Knight
Clarendon	Monroe	172	35	....	....	....	....	....	....	....	4.48	+0.89	2.17	0	7	16	12	3	w.	R. M. Wheatley
Clinton	Van Buren	516	18	....	....	....	....	....	....	....	4.51	+1.94	1.58	0	8	20	9	2	s	A. L. Stephens
Conway	Faulkner	309	56	83.4	+1.4	103	15§	64	31	32	2.81	−0.73	1.88	0	4	20	11	0	s.	E. E. Cordrey
Corning	Clay	293	46	81.4	+1.6	102	7§	55	30	35	1.94	−1.46	0.79	0	5	20	9	2	s.	Winfred D. Polk
Cotter	Baxter	440	12	....	....	....	....	....	....	....	3.52	+0.72	3.50	0	2	23	6	2	....	O. B. McSpadden
Crossett	Ashley	175	27	81.3	−1.1	101	14§	61	7	39	2.46	−1.99	0.95	0	8	18	7	6	s.	U. S. Forest Service
Danville	Yell	327	23	....	....	....	....	....	....	....	3.32	−0.14	1.55	0	6	15	13	3	....	J. M. Patterson
Dardanelle	Yell	330	53	84.0	+2.0	104	15	66	30	35	3.25	+0.16	0.66	0	10	12	14	5	s.	Geo. N. Goodier
Des Arc	Prairie	204	1	....	....	..	....	....	....	....	1.78	....	1.28	0	2	18	1	12	....	Z. R. Glenn
De Queen	Sevier	426	4	83.0	.. ..	105	22	67	6§	35	1.60	....	0.91	0	6	21	4	6	s.	E. B. Smith
Devils Knob †	Johnson	2350	3	78.4	....	95	15§	60	28	25	5.43	....	1.42	0	7	20	9	2	sw.	U. S. Forest Service
Dumas	Desha	162	34	83.7	+1.4	104	15	66	31	32	3.05	−1.56	1.21	0	7	12	14	5	s.	Ben Johnson
El Dorado	Union	270	39	85.6	+3.2	109	15	69	1§	32	9.67	+5.63	4.03	0	8	20	8	3	s.	Mrs. E. W. Gaston
England	Lonoke	229	33	82.6	+1.0	103	15	64	31	31	5.40	+2.11	3.25	0	4	21	9	1	s	O. V. Halbrook
Eureka Springs	Carroll	1465	39	80.7	+2.1	98	15§	59	30	31	2.07	−2.23	0.65	0	8	23	8	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	89.2	....	100	21	50	30	30	1.05	....	0.50	0	6	14	13	4	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	81.8	+3.4	103	21	60	30	32	0.83	−3.08	0.26	0	6	19	12	0	nw	University of Arkansas
Fordyce	Dallas	275	11	85.4^{a}	....	105^{a}	15	68^{a}	28	33^{a}	1.22	....	0.40	0	6	25^{a}	5^{a}	0^{a}	ne.	Miss Mercille McMurry
Fort Smith	Sebastain	448	58	85.5	+4.0	104	21	69	30	31	0.57	−2.80	0.33	0	6	19	10	2	e.	U. S. Weather Bureau
Ft. Smith Wtr. P. †	Crawford	....	2	..	....	....	....	....	....	....	3.78	..	1.88	0	6	17	6	8	....	T. J. Wylie
Fulton	Hempstead	260	54	...	....	....	....	....	..	....	4.27	+0.52	2.75	0	7	21	3	6	....	T. J. Logan
Georgetown	Woodruff	200	27	....	....	....	....	....	..	....	4.80	+1.44	2.25	0	5	27	3	1	....	C. G. Long
Gilbert	Searcy	600	14	79.4	....	100	16	57	31	36	2.50	−0.99	0.56	0	8	22	3	6	....	F. E. King
Glenwood	Pike	547	4	....	....	..	....	....	....	....	5.51	...	1.66	0	7	24	2	5	....	C. A. Price
Grannis	Polk	950	20	81.7	+2.3	106	22	65	6	38	2.65	−3.60	1.23	0	6	18	8	5	s.	W. E. McVay
Gravette	Benton	1250	42	81.4	+3.6	102	15§	59	30	35	0.34	−3.83	0.14	0	4	21	10	0	sw	Max W. Schmidt
Green Mountain †	Stone	1100	3	80.0	....	95	8§	63	30	26	3.82	..	0.94	0	9	14	16	1	sw.	U. S. Forest Service
Hankins †	Drew	....	2	....	....	....	....	....	....	....	4.60	....	2.90	0	6	..	.	..	....	Soil Conservation Ser.
Harrison	Boone	1052	39	81.1	+3.7	101	15	57	31	36	3.72	−0.39	1.08	0	9	25	5	1	sw	Louis R. Keck
Heber Springs	Cleburne	....	10	....	....	....	....	....	....	....	7.78	....	3.48	0	9	20	9	2	....	Lester B. Logan
Helena	Phillips	300	67	80.6	−1.0	97	7§	61	31	28	2.48	−1.22	0.44	0	8	11	10	10	ne.	James A. Burnett
Higden	Cleburne	445	20	....	....	....	....	....	....	....	5.20	+1.75	..	0	10	23^{c}	5^{c}	0^{c}	sw.	Austin E. Cartwright
Highland	Pike	491	20	83.2	....	103	20§	61	23	33	2.67	−1.19	0.93	0	5	14	9	8	sw.	J. O. Cooley
High Peak †	Montgomery	1834	1	....	....	....	....	....	....	....	3.25	....	1.22	0	8	14	10	7	s.	U. S. Forest Service
Hope ‡‡	Hempstead	375	69	81.4	−0.4	105	22	66	7	35	4.57	+0.21	1.53	0	5	20	8	3	sw.	Experiment Farm
Hot Springs	Garland	600	48	82.2	+0.4	103	15§	66	7§	34	4.87	+0.27	1.30	0	11	10	20	1	s.	National Park Service
Index †	Little River	275	22	....	....	....	....	....	....	....	2.15	−1.19	0.95	0	4	27	2	2	....	W. E. McDowell
Irons Fork †‡‡	Polk	....	1	79.7	....	106	22	60	24	42	1.90	....	0.70	0	7	18	13	0	sw.	U. S. Forest Service
Jessieville	Garland	750	13	....	....	....	....	....	....	....	5.27	+1.83	2.00	0	6	9	18	4	w.	U. S. Forest Service
Jonesboro	Craighead	345	44	80.9	+0.3	99	8	60	31	31	5.25	+1.96	2.50	0	7	12	13	6	sw.	Benedictine Sisters
Lead Hill	Boone	650	33	79.0	−1.2	102	8	55	30§	37	7.80	+4.35	3.59	0	8	25	5	1	s.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	60	82.4	+1.5	102	15	67	28	24	2.11	−1.39	1.54	0	5	19	6	6	sw.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	3	83.0	....	103	15	65	31	30	2.68	....	1.38	0	7	20	6	5	s.	W. B. Airport Station
Lutherville †	Johnson	775	41	82.2	+2.1	103	15	64	30	32	3.83	+0.08	1.75	0	8	19	8	4	sw.	H G. Lenhardt
Madison	St. Francis	209	9	....	....	....	....	....	....	....	3.60	....	1.27	0	4	12	7	12	....	J W. Eppes
Magnolia	Columbia	315	23	84.0	+1.4	105	15	63	21	36	3.76	+0.30	1.40	0	8	12	14	5	s.	State Agri. School
Mammoth Spring	Fulton	600	35	81.0	+2.4	102	17	56	31	36	2.30	−1.52	1.24	0	7	19	11	1	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	28	82.8^{e}	+1.6	99^{e}	15	62^{e}	31	27^{e}	2.20	−1.27	1.02	0	6	16^{e}	10^{e}	0^{e}	s.	C. N. Houck
Marked Tree	Poinsett	229	35	80.7	−0.4	100	7§	60	31	30	3.09	−0.41	1.75	0	6	15	14	2	s.	Charles Walton
Mena	Polk	1207	51	83.4	+3.2	109	22	64	24	36	2.32	−1.48	0.71	0	7	20	5	6	sw.	E. W. St. John
Monticello Airway	Drew	273	3	82.6	....	104	15	66	28	29	2.73	....	0.66	0	8	15	13	3	sw.	Airway Observer
Monticello †	Drew	273	4	....	....	....	....	....	....	....	2.57	....	1.85	0	6	..	..	..	...	Soil Conservation Ser.
Montongo †	Drew	....	4	....	....	....	....	....	....	....	4.11	....	1.40	0	6	..	..	..	....	Soil Conservation Ser.
Morrilton	Conway	315	20	82.6	−0.3	102	15	63	30	31	1.95	−0.75	1.01	0	6	15	10	6	sw.	Mrs. Freda M. Ashcraf
Mountainburg	Crawford	2010	2	....	....	....	....	....	..	....	5.25	.	2.55	0	7	15	12	4	s.	C. A. Lovell
Mountain Home	Baxter	800	27	80.8	+1.6	101	8	57	30	37	3.40	−0.44	2.75	0	7	23	5	3	w.	H. N. Halbert
Mountain Valley	Garland	273	2	....	....	....	....	....	....	....	3.78	....	2.30	0	8	22	6	3	s.	J. G. Scott
Mount Ida	Montgomery	702	40	82.1	+2.1	109	22	60	7§	45	3.11	−0.62	0.92	0	7	19	8	4	sw.	G. A. Whittington
Newport	Jackson	231	56	82.3	+1.0	100	8§	65	12	29	2.71	−0.38	1.51	0	7	19	12	0	n.	J. D. Henderson
Oden	Montgomery	800	12	82.4	....	105	15§	64	7§	39	2.34	....	1.70	0	7	19	9	3	sw.	U. S. Forest Service
Okay	Howard	288	11	84.2	....	105	20	65	7	36	4.41	....	1.02	0	7	23	4	4	sw.	Charles R. Jackson
Osceola	Mississippi	250	39	..	....	....	....	....	....	....	6.52	....	1.85	0	7	21	7	3	....	G. H. Banks
Ozark	Franklin	396	44	...	....	109	15	65	30	....	2.73	−0.29	0.79	0	6	16	9	6	se.	Orkney O. Milton
Paragould	Greene	275	16	79.2	....	98	7§	60	9§	37	7.01	+3.93	3.34	0	8	29	1	1	sw.	J. E. Garrett
Parkin	Cross	222	9	....	....	....	....	....	....	....	1.79	....	0.95	0	3	19	6	6	....	Carroll King
Pine Bluff	Jefferson	215	52	82.6	+0.2	101	15	67	28	24	1.98	−1.58	1.01	0	7	15	14	2	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	....	....	....	....	....	.. ..	....	2.67	−0.96	1.80	0	3	22	7	2	sw.	J R. Huddleston
Plantersville †	Drew	....	2	....	....	....	....	....	....	....	2.73	....	1.00	0	6	..	..	..	....	Soil Conservation Ser.
Pocahontas	Randolph	300	46	81.0	+0.6	101	8	60	30	31	6.27	+2.16	2.03	0	8	18	7	6	sw.	Benedictine Sisters
Portland	Ashley	122	33	81.4	−0.4	100	14	64	7§	35	2.47	−1.63	0.55	0	11	13	14	4	sw.	W E. Edmiston
Prescott	Nevada	318	51	84.8	+2.7	107	22	68	7§	34	3.70	−0.29	1.38	0	6	19	7	5	w.	J. Craig Williams
Rock Springs †	Drew	....	4	....	....	....	....	....	....	....	3.05	....	1.45	0	6	..	..	..	....	Soil Conservation Ser.
Rogers (near) †	Benton	1300	49	80.1	+2.5	101	21	58	1§	36	1.21	−3.23	0.84	0	4	23	6	2	sw.	Carl A. Starck
Rosebud †	Faulkner	680	5	....	....	....	....	....	....	....	3.05	.. .	1.12	0	8	20	9	2	sw.	G. A. Maddox
Ross †	Drew	....	2	....	....	....	....	....	....	....	4.08	....	1.77	.	6	..	..	..	....	Soil Conservation Ser
Russellville	Pope	526	27	83.8	+2.6	106	15	65	30§	36	4.73	+0.46	1.52	0	10	27	0	4	se.	U. S. Forest Service
St. Charles	Arkansas	175	6	82.2	....	100	15	65	31	32	3.79	....	2.80	0	8	16	10	5	se.	U. S. Biological Survey
St. Francis	Clay	290	12	..	....	....	....	....	....	....	4.33	+0.01	1.48	0	6	21	2	8	....	A. Boyce Boyd, Jr.
Searcy	White	245	29	82.3	+1.3	102	15	62	31	30	5.31	+2.40	2.40	0	8	25	0	6	sw	Walter A. Smith
Springbank †	Miller	240	30	..	....	....	....	....	.. ...	....	1.31	−2.89	0.71	0	7	21	2	8	....	Henry Field
Story	Montgomery	650	15	....	....	....	....	....	....	..	2.55	−1.05	0.73	0	5	22	8	1	s.	S. C. Story
Stuttgart	Arkansas	214	52	81.8	+0.6	102	15	63	31	32	4.99	+1.55	1.78	0	6	23	5	3	sw.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	4	82.0	....	100	15	66	31	27	5.96	.. .	2.52	0	7	..	..	..	....	Rice Experiment Sta.
Subiaco	Logan	750	42	85.1	+3.1	108	15§	64	30	37	1.44	−1.93	0.85	0	5	18	9	4	se.	New Subiaco Abbey
Texarkana	Miller	332	54	86.5	+4.0	110	22	68	7	38	0.99	−3.17	0.77	0	2	20	5	6	s.	H. S. Brashear

Climatological Data for July, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Thornburg	Perry	650	19	81.2	+ 1 4	107	22	60	7§	40	3.83	−0.42	1.58	0	7	13	13	5	s.	Edward E. Holmes
Turnpike†	Pope	2240	15	78.2	......	94	15	62	24§	24	3.23	−0.50	0.53	0	10	19	8	4	sw.	U. S. Forest Service
Underwood†	Drew	....	2	.. .	...	......	....	...	......	....	....	......	....	.	..	....	....	......	......	Soil Conservation Ser.
Waldron	Scott	675	20	....	......	107[f]	22	74[1]	24	26[1]	0.58	−3.10	0.31	0	3	7[f]	18[f]	0[f]	sw.	Wilson Ferguson
Warren	Bradley	206	45	82.8	+ 0.4	104	15	65	28	29	3.66	−0.11	1.95	0	8	2	3	26	s.	C. N. Turner
Whitecliffs	Little River	290	33	....	......	......	....	....	......	......	2.13	−0.92	1.72	0	3	26	0	5	......	L. M. Snead
White Rock†	Franklin	2285	3	79.2	......	93	22	62	23	24	2.91	....	1.72	0	5	28	1	2	sw.	U. S. Forest Service
Wilson	Mississippi	237	14	81.4	+ 0.6	99	8	63	31	28	1.80	−2.22	1.20	0	2	27	1	3	s.	D. O. Anderson
Witt Springs	Searcy	1953	2	....	......	......	....	....	......	......	2.32	...	0.59	0	8	19	5	7	sw.	E M. Duncan
Wynne	Cross	167	31	80.8	− 0.3	100	18	56	31	34	2.53	−1.19	1.14	0	6	19	9	3	s.	B. M. Eddins
State Means				82.0	+ 1.5	110	22	55	30§	45	3.34	−0.45	4.03	0.0	7	19	8	4	sw.	

Daily Precipitation for July, 1939

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.†	Ouachita	T.	.48							.28															.10	T.		.32	.27	.09			1.54
Amity	Ouachita																																
Arkadelphia[2]	Ouachita	.25	.09	.33						.44	.08														T.	.09			.41	.45			2.14
Arkansas City[2]	Mississippi	.19		.06						T.	T.	.24										.82	.90		.25	1.28			.83	.30			4.87
Batesville Airway	White		.42	.55						.02	.66										1.26						.32		.09	.10			3.42
Batesville River[2]	White			.95	.15					.05	.56										.99						.02	.37	T.	.15			3.24
Bee Branch	Arkansas	.50	T.	2.00						.60	.20										.90			.10				.55	.20				5.05
Benton[2]	Saline	.05		.93						.40															.43			.22		1.22			3.25
Bentonville[1]‡	Arkansas		.01	.02						T.										.57			.02			T.	.06		.13				0.81
Big Lake Outlet †[2]	St. Francis			.33	.63					.47	.12						.18				1.23								1.62				4.58
Black Rock[2]	White			1.37	.91					.29	.41										.29								.10	T.			3.37
Blytheville[2]	St. Francis			.22						.62							.39				.30			.01					2.20				3.74
Booneville	Arkansas		.08	T.																.12				T.				.38	.08				0.66
Boughton †[2]	Ouachita			.58							.21																		.47	1.49			2.75
Brinkley	White		.69	.46						.08											.30			.26	.10			.07					1.96
Calico Rock[2]	White			.75	.92	T.					.02										.10			.35				1.03		.10			3.27
Camden[2]	Ouachita	04		.38							.06	.26											.15		2.21				.92	.62			4.64
Clarendon[2]	White		.10	.20						1.76											T.				2.17	.02			.10	.13			4.48
Clinton	White	.08		1.58					.32											.54			.25				.54	.82	.38				4.51
Conway	Arkansas		1.88							.11																		.78	.04				2.81
Corning[2]	White			.44	.25					.30											.79			.16									1.94
Cotter[2]	White			3 50						.32																							3.82
Crossett [near]	Ouachita		.06								T.					.39	T.					.23		.17	25			23	.18	.95			2.46
Danville[2]	Arkansas			T	T.					.01											.22				1.55	.03			.83	.68			3.32
Dardanelle[2]	Arkansas	.43		.05	.02					.19											.64			.37	.66	.02			.66	.21			3.25
De Queen	Red		.91							.03												.18			.44			.07	.03				1.66
Des Arc	White																							1.28					.50				1.78
Devils Knob †	Arkansas		1.42	.58						77											.34			.54				1.19	.59				5.43
Dumas	Mississippi		.29	T.						.45	07													1.21	.31			.47		.25			3.05
El Dorado[2]	Ouachita			.33							T	.05					.07						.05		4.03	3.66			.50	.98			9.67
England	Arkansas		.70							.05														3.25				1.40					5.40
Eureka Springs	White		.42	.65																.21	.05	.05		.18				48	.03				2.07
Fayetteville	White		T.	.08						T.										.02		T		.20	02		.50	T.	.23				1.05
Fayetteville Exp. S	White			.10						.09										07		T.		.14	T.		.17		.26				0.83
Fordyce	Ouachita									.01												.40		.11				.34	.10	.26			1.22
Fort Smith[1]‡	Arkansas	.01	.33	.02																T.		T.	.06	.02		T		T	.13				0.57
Fort Smith W. †[2]	Arkansas			.05	.02																			1.61				.08	.14	1.88			3.78
Fulton[2]	Red		.05	.18							T.	T.										T.	.36		.45	.05			2.75	.43			4.27
Georgetown[2]	White	1.20		2.25							T.										.15				.55					.65			4.80
Gilbert[2]	White			.52	.24					.50											.56				.06			.06	.09	47			2.50
Glenwood[2]	Ouachita	1.66	1.03							.66											.81				.15			.87		.33			5.51
Grannis	Red	T	.50							.36											T.	.12	.15	T.	1.23		.29		T.				2.65
Gravette[2]	Arkansas			.12	.03															.05				.14									0.34
Green Mountain †	White		.53	.94						.09	.43										.91			.36			.43		.10	.03			3.82
Hankins †‡	Ouachita		.04							.39												.12		2.90				1.05	.10				4.60
Harrison	White		.30	.87						.40										.09				.20	.40		.28	.10	1.08				3.72
Heber Springs	White	.09	T	3.48	.06					.68	.58						T				1.17			.04					1.43	.25			7.78
Helena[2]	Mississippi			.29						.28	.28														.35	.38			.44	.07	.39		2.48
Higden	White	10		*	1.93					.13	.41									T.	.51		.02	.56				1.27	.17				5.20
Highland	Ouachita	.93	.41																		.51			.12					.70				2.67
High Peak †	Ouachita	.37	.56							.28											.20			1.22	.03			.32	.27				3.25
Hope ‡‡[2]	Red			1 10																					.07	1.53			1.19	.68			4.57
Hot Springs	Ouachita	.10	57							.67						.68					.66	.03		.39			.06	.23	18	1.30			4.87
Index †[2]	Red		.95	.40								T																T.	.42	.38			2.15
Irons Fork †‡‡[2]	Ouachita		.33	.16																				.01	.05	.64			.70	.01			1.90
Jessieville	Ouachita	2.00	.05							40														.46		.38			1.98				5.27
Jonesboro[2]	White			2.50	1.74					.16	.09										.42							.04	.30				5.25
Lead Hill	White		.70	3.59						2.20										.25				.15			.08	.38	.45				7.80
Little Rock[1]†	Arkansas	.44	1.10							T	T.									T.				.43			T.	.13	.01				2.11
LittleRock Air'y[1]	Arkansas	.27	1.38	T.						T.														.03	.72			21	.05	.02			2.68
Lutherville †	Arkansas		.07	.72						.17										.43				1.75	.03		T.	.43	.23				3.83
Madison[2]	St. Francis	T.		.95						.55	1.27										T.									.83			3.60
Magnolia	Red		.30	1.40																	.38	.05		.40	.35			.79	.09				3.76
Mammoth Spg[2]	White			T.	.68					.08	.02										.15			.06				07		1.24			2.30
Marianna	St. Francis		.25	.75						.06															.06			1.02		.06			2.20
Marked Tree[2]	St. Francis			1.75	.75						.02										.45				T.				.10	.02			3.09
Mena[2]	Ouachita		.10	.59		T.					T											.08		T.	.42	.71			.01	.41			2.32
Monticello Airway	Ouachita		.54							.08	T.											.12		66	.52			.64	.05	.12			2.73
Monticello(near. †‡	Ouachita		.10							.11	.04													1.85	.07				.40				2.57
Montongo †	Ouachita		.21							.44													.12		1.40			1.20	.74				4.11
Morrilton[2]	Arkansas	.38		1.01							T										.23			.14	T.		.09	T	10	T.			1.95
Mountainburg	Arkansas		.31	.25																			1.13	.62			.07	.32	2.55	T.			5.25
Mountain Home	White		.17	2.75	.08					.10														.05				.16	.09				3.40
Mountain Valley	Ouachita	.07	.61							.46												.03			.16			.11	.04	2.30			3.78
Mount Ida	Ouachita	.75	.25																				.28	.73	.92			.10	.08				3.11
Mulberry	Arkansas																																
Newport[2]	White			1.51	.08						.42										.59				.01	.02				.08			2.71
Oden[2]	Ouachita									.09													.05	1.70	.01	.10	.15	.24					2.34
Okay	Red	54	.84							.23												1.02		.42	.95				.41				4.41
Osceola[2]	Mississippi			.98	.85					1.85							.56				1.46						.19		.63				6.52
Ozark[2]	Arkansas		T.	.79																	T	T.			.17		.13	.71	.77	.16			2.73
Paragould	St. Francis		.28	.79					.60	.28	17										3.34			.47				1.08					7.01

Daily precipitation for July, 1939 [continued]

Stations	Drainage basin	Day of Month																															Tota
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Parkin[2]	St. Francis			.95						.66														.18									1.7
Pine Bluff[2]	Arkansas	.22		.06						.02	.03														.63				.01	1 01			1.9
Pine Ridge[2]	Ouachita																							1.80	.45			.42					2.6
Plantersville †‡	Ouachita		.10							.23												.37		1.00				.96	.07				2.7
Pocahontas	White		.06	1 70						.57										.06	1.47						2.03	.34	.04				6.2
Portland[2]	Ouachita	.10		.02							.13						.09					.46	.40	.05	.05	.55			.17	.45			2.4
Prescott[2]	Ouachita		.16	85																					.11	.74			.46	1.38			3.7
Rock Springs †	Ouachita		.11							.19												.07		1.45				1.15	.08				3.
Rogers (near) †	White			.17																.15				.84			.05						1.2
Rosebud †	Arkansas	T.	1.12	.23						.09	.29									.16				.14			T.	.69	.33				3.
Ross †‡	Ouachita		.10							.25												.06			1.77			1.20	.70				4.0
Russellville ‡‡	Arkansas	.19	.37	.07																.44	.50			1.06	.17			1.52	.38	.03			4.7
St. Charles[2]	White	T.		.10						2.80	.09	T.													.48	.03	.06		.13	.10	T.		3.7
St. Francis[2]	St. Francis				.17					1.48	.52						.90				.32			.94				T.	T.				4.3
Searcy	White			2.40	.02					.03	.04										.17				.63				1.78	.24			5.3
Springbank †[2]	Red		.06								.06	.06										.17	.71	T		T.			.22	03			1.3
Story[2]	Ouachita	.61																						.73	.14		63	.44					2.5
Stuttgart[2]	Arkansas			.12						.67															1.60	.20			.62	1.78			4.9
Stuttgart ‡‡[2]	Arkansas			1.11						2.52	15														1.35	.02			.09	.72			5.9
Subiaco	Arkansas		.03	.01																						.15		.85	.40				1.4
Texarkana[2]	Red		.77																						T.			.22					0.9
Thornburg	Arkansas	T.	.66							.04	.04									T				T.	.04	T.		1.58	.42	1.05			3.8
Turnpike †	Arkansas		.19	53						.53										.27	.33			.37			.19	.48	.33	.01			3.2
Underwood †‡	Ouachita																																
Waldron	Arkansas	.22	.05																									.31					0.5
Warren	Ouachita		.04							.25	.14													.55	.23			1.95	.05	.45			3.
Whitecliffs[2]	Red		1.72								.10											.31							T.	T.			2.1
White Rock †	Arkansas		.63	.13																.12		T.		1.72					.31	T.			2.9
Wilson[2]	Mississippi									.60												1.20											1.8
Witt Springs	Arkansas		.13	.25					.25												.38		.06				.23	.59	.43				2.3
Wynne[2]	St. Francis		1.14						.50	.24											.48				.07				.10				2.

Daily temperatures for July, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	86	79	85	92	91	98	97	99	88	91	93	94	95	99	102	97	100	98	97	98	99	103	93	89	94	92	85	91	89	89	93	93
	Minimum	68	67	70	72	69	67	65	68	69	67	65	65	70	73	75	84	72	72	69	68	69	69	72	64	68	72	67	64	66	65	65	68
Amity	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	..	..	..	–	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Arkadelphia §§	Maximum	92	93	93	94	96	96	99	100	88	91	93	95	98	101	103	99	100	100	101	104	102	106	95	81	97	101	93	92	91	91	94	96
	Minimum	67	67	69	70	66	68	66	72	69	69	70	70	70	73	76	76	71	70	69	69	71	70	75	67	70	70	70	69	69	70	68	69
Batesville	Maximum	91	89	85	92	95	98	98	100	92	91	90	94	98	96	99	90	98	98	97	90	94	96	90	91	92	94	96	93	87	87	91	93
	Minimum	68	66	68	73	72	71	71	70	70	68	70	65	73	74	72	77	72	75	72	68	72	74	74	67	72	74	71	67	67	62	59	70
Bee Branch	Maximum	92	86	84	90	94	100	100	106	95	90	92	95	95	101	103	103	99	99	99	94	92	98	96	90	96	98	95	91	86	86	90	94
	Minimum	68	70	67	72	69	76	68	70	69	68	70	65	73	72	71	75	73	73	68	70	74	73	70	67	73	70	68	66	68	63	61	69
Benton §§	Maximum	89	82	88	91	90	95	98	100	88	89	92	92	98	99	103	101	95	94	96	98	97	100	93	84	93	95	81	92	89	89	91	93
	Minimum	68	69	69	70	71	67	65	66	71	68	66	66	68	70	72	73	72	69	67	68	69	71	71	67	68	69	70	67	66	66	65	68.
Bentonville ***	Maximum	87	82	85	91	93	95	98	92	88	89	91	93	93	97	100	98	96	95	91	93	99	93	89	92	94	94	97	92	83	87	94	92
	Minimum	61	67	69	73	72	71	67	70	63	66	65	68	72	74	75	75	76	74	69	69	73	72	67	65	69	71	70	67	64	58	65	68
Blytheville	Maximum	91	92	95	91	97	100	101	99	88	91	89	94	96	100	90	82	97	99	95	90	92	96	89	93	95	99	95	90	84	87	90	93
	Minimum	64	67	61	64	74	73	74	77	69	69	69	64	71	73	72	66	70	74	73	69	71	68	74	70	70	72	69	67	68	60	65	69
Booneville	Maximum	91	86	91	95	97	105	108	109	103	96	96	102	103	106	109	106	105	105	106	106	108	110	101	93	102	101	104	97	92	92	96	100.
	Minimum	68	71	71	72	71	66	64	68	76	68	66	66	69	70	75	79	76	73	71	70	76	72	74	67	67	69	71	73	67	68	70	70
Brinkley	Maximum	87	81	83	85	91	93	97	97	95	88	88	91	91	93	92	91	93	93	92	92	92	100	89	82	91	89	88	85	85	86	88	89
	Minimum	71	69	67	76	71	72	69	74	72	71	68	65	73	75	71	73	71	70	70	70	73	74	69	67	69	72	73	68	69	78	58	70.
Camden	Maximum	96	86	92	93	96	100	100	102	92	93	94	96	98	101	105	101	100	100	100	103	94	102	99	86	93	98	96	91	91	92	94	96
	Minimum	66	69	72	74	74	67	65	72	73	70	70	72	72	75	76	70	72	75	74	70	71	71	68	68	71	72	69	67	69	70	68	70
Conway	Maximum	90	87	89	94	95	99	100	101	93	92	94	96	98	99	103	96	101	100	101	97	99	103	97	93	96	98	93	95	92	92	92	96.
	Minimum	71	71	73	73	72	70	69	72	71	69	69	68	71	74	74	76	74	72	69	70	75	74	76	67	72	70	68	67	67	65	64	70
Corning	Maximum	92	90	88	91	96	100	102	102	93	94	90	95	99	100	94	88	100	100	98	91	94	97	92	94	96	96	99	94	89	90	94	94.
	Minimum	61	63	69	72	73	72	72	73	67	64	64	64	70	69	71	68	69	72	72	69	69	68	69	66	70	72	69	65	66	55	63	67
Crossett	Maximum	96	88	94	95	97	100	100	97	92	88	94	94	97	101	101	97	98	97	98	99	96	98	94	82	95	97	96	93	92	90	93	95.
	Minimum	64	66	70	68	69	66	61	66	70	68	69	67	65	69	70	65	70	68	68	65	69	67	70	65	69	68	67	63	78	68	65	67.
Dardanelle	Maximum	92	86	87	93	95	100	102	101	99	95	94	97	98	102	104	101	101	100	100	98	97	103	98	90	97	96	95	91	91	90	95	96.
	Minimum	71	73	73	72	71	70	67	72	73	70	69	69	73	74	77	80	74	72	72	71	76	75	70	67	71	72	72	69	67	66	67	71.
De Queen	Maximum	92	85	91	92	93	96	99	101	95	93	93	93	97	102	102	96	96	96	98	100	103	105	98	94	95	98	94	93	93	94	96	95.
	Minimum	70	69	70	70	70	67	67	70	75	69	70	71	70	72	75	73	70	71	68	71	71	70	73	68	69	70	71	70	69	71	70	70.
Devils Knob	Maximum	84	78	77	85	86	89	94	93	86	92	86	86	89	93	95	92	92	92	90	89	89	95	85	86	86	88	88	85	80	81	83	87.
	Minimum	67	63	67	70	70	72	73	76	66	75	78	70	72	77	78	75	72	72	72	68	70	74	62	63	66	70	63	60	63	63	65	69.
Dumas	Maximum	93	90	95	96	96	99	100	99	90	90	93	99	98	98	104	99	102	100	100	102	96	100	96	86	96	97	92	95	90	90	96	96.
	Minimum	67	71	71	74	76	70	78	73	71	72	71	70	74	73	72	72	74	74	71	73	68	73	72	69	72	72	70	67	70	68	66	71.
El Dorado	Maximum	97	94	96	97	99	103	102	100	95	92	93	97	100	104	109	102	104	101	101	106	106	104	98	80	95	95	97	94	91	90	95	98.
	Minimum	69	70	73	74	75	71	70	74	79	73	72	74	73	78	78	72	77	75	75	75	74	73	72	70	73	74	72	69	69	73	72	73.
England	Maximum	83	84	85	86	90	90	93	96	93	92	95	97	98	97	103	96	99	98	98	99	100	100	98	89	97	99	92	96	94	88	94	94.
	Minimum	68	70	72	74	72	70	68	84	70	70	68	66	72	74	72	73	74	72	73	70	72	75	86	67	66	69	68	67	67	67	64	71.
Eureka Springs	Maximum	87	83	83	90	93	93	96	95	88	90	91	91	91	96	98	96	94	95	90	94	97	95	89	93	94	96	98	92	86	87	92	92.
	Minimum	62	67	68	73	74	74	68	73	67	67	65	69	72	76	77	78	76	76	68	67	72	74	66	64	68	72	71	61	62	59	64	69.
Fayetteville	Maximum	85	80	82	89	91	93	95	93	87	88	89	91	91	95	99	97	95	93	91	95	100	95	90	90	92	94	93	88	82	85	91	90.
	Minimum	61	69	71	73	72	70	65	68	69	68	62	68	73	71	72	77	76	75	73	68	74	75	68	66	70	69	70	71	65	60	67	69.
Fayetteville Exp. S	Maximum	87	85	84	88	93	95	99	97	91	91	92	95	94	99	102	100	98	98	94	99	103	100	94	93	96	97	98	94	85	89	94	94.
	Minimum	63	68	71	74	73	70	69	68	68	67	64	65	72	72	71	79	78	73	73	68	73	73	68	65	69	69	70	71	64	60	62	69.
Gilbert §§	Maximum	90	88	82	86	92	95	98	98	99	88	90	91	94	95	98	100	98	98	98	93	93	95	98	93	91	96	99	98	91	85	87	93.
	Minimum	65	63	65	67	66	65	65	67	67	66	65	63	65	67	68	69	72	66	67	66	68	69	69	61	64	65	64	62	62	59	57	65.
Fordyce	Maximum	92	93	92	94	95	99	100	104	102	102	93	96	97	100	105	..	104	100	100	103	100	101	99	95	97	97	97	90	103	101	100	98.
	Minimum	69	70	71	73	74	73	70	73	73	72	72	73	74	79	77	..	75	77	74	75	73	72	70	72	72	73	73	68	70	70	69	72.
Fort Smith ***	Maximum	91	85	90	95	97	100	102	102	94	96	96	97	96	102	104	102	100	100	98	102	104	104	93	93	98	98	99	94	91	91	96	97.
	Minimum	71	72	73	75	75	71	71	75	78	71	72	72	74	75	78	83	78	76	80	73	77	75	75	70	71	74	74	72	70	69	71	73.
Grannis	Maximum	92	81	89	90	89	94	100	103	87	90	91	94	98	101	103	103	94	95	97	100	102	106	95	92	92	97	92	92	90	89	92	94.
	Minimum	68	67	68	70	70	65	68	69	72	69	68	69	69	72	77	75	68	68	67	71	69	68	71	66	66	68	69	67	67	67	67	68.
Gravette §§	Maximum	89	85	85	94	94	95	99	92	91	93	93	95	95	99	102	99	97	98	94	99	102	96	91	96	98	97	100	94	90	92	99	94.
	Minimum	61	68	70	71	72	70	66	67	68	65	65	64	69	69	69	74	74	72	69	68	72	69	67	64	66	68	70	70	64	59	64	67.
Green Mountain	Maximum	83	82	82	88	90	94	94	95	92	87	87	91	91	91	95	92	95	93	92	87	89	92	89	85	91	92	89	90	81	83	87	89.
	Minimum	67	68	66	73	77	74	74	77	68	70	69	70	73	77	77	76	73	75	72	66	70	73	68	66	71	66	71	66	66	63	67	70.
Harrison	Maximum	88	85	85	94	95	98	99	99	97	89	90	95	96	100	101	98	99	99	94	92	97	98	94	90	95	98	96	94	85	86	93	94.
	Minimum	62	66	70	70	69	68	65	69	70	68	64	66	73	75	72	75	74	67	71	67	71	73	68	64	69	72	67	67	64	59	57	68.
Helena	Maximum	88	88	87	87	91	95	97	95	89	90	91	90	91	95	97	88	95	94	95	92	94	93	93	93	91	93	87	87	84	85	88	91.
	Minimum	67	70	70	74	74	70	69	72	71	70	70	67	72	75	69	73	71	73	72	72	71	71	74	66	72	71	68	68	67	67	61	70.
Highland	Maximum	93	83	90	91	92	95	100	100	98	90	92	94	95	102	100	96	97	99	98	103	99	103	94	98	95	93	97	96	98	99	96	96.
	Minimum	68	63	70	72	71	68	69	72	68	68	70	69	72	78	80	75	79	76	72	78	67	70	61	68	64	68	72	67	68	70	68	70.
Hope §§ ‡‡	Maximum	93	92	90	91	92	98	96	94	88	86	84	93	90	102	104	92	85	86	86	99	99	105	90	88	90	97	90	86	85	83	88	91.
	Minimum	67	71	68	67	69	67	66	72	75	72	72	72	72	76	77	78	75	74	74	72	70	70	75	68	70	70	70	68	67	70	69	71.

Daily temperatures for July, 1939, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hot Springs........	Maximum	90	80	90	91	92	97	100	101	95	90	92	95	98	100	103	95	98	93	100	103	98	102	95	82	93	95	85	89	87	87	92	93.8
	Minimum	68	70	72	73	75	68	66	72	68	71	68	68	72	76	72	72	74	72	73	70	71	71	74	67	70	73	71	68	66	67	66	70.5
Irons Fork.....§§‡‡	Maximum	89	79	86	88	90	93	99	100	86	91	89	93	95	99	102	96	99	94	98	101	104	106	95	90	89	92	92	89	86	87	92	93.2
	Minimum	62	63	69	72	71	70	75	64	70	69	61	62	61	66	68	75	67	71	62	64	66	64	69	60	63	64	66	68	63	62	66	66.2
Jonesboro	Maximum	89	89	85	90	94	98	98	99	89	89	88	92	95	97	95	87	97	97	95	90	91	95	91	92	96	97	95	91	85	86	91	92.4
	Minimum	65	66	67	72	72	73	73	76	69	68	70	64	74	75	73	69	69	75	74	69	70	70	72	65	69	73	66	65	67	61	60	69.4
Lead Hill..........	Maximum	87	81	86	92	94	97	99	102	91	91	90	94	95	99	99	95	96	97	92	93	94	97	92	91	95	98	97	91	85	86	91	93.1
	Minimum	57	63	67	66	65	65	62	67	67	66	61	63	68	67	69	70	68	64	69	67	65	69	68	61	65	67	65	65	64	55	55	64.8
Little Rock..* **	Maximum	88	85	87	89	90	89	96	100	87	89	91	92	96	96	102	93	95	94	96	93	95	99	89	85	93	91	86	90	86	86	90	91.5
	Minimum	75	68	73	75	74	73	72	76	75	72	74	71	74	79	78	79	76	76	74	73	77	77	68	68	72	73	69	67	69	70	71	73 2
Little Rock........ [Airway]	Maximum	90	88	89	93	94	98	98	100	93	90	93	96	99	98	103	95	100	99	100	95	98	101	93	89	97	96	88	95	88	87	92	94.7
	Minimum	70	70	72	74	71	71	68	71	74	71	70	69	73	76	74	77	76	72	71	72	75	74	68	68	70	72	68	68	69	67	65	71.2
Lutherville........	Maximum	90	84	86	92	93	97	100	101	91	90	92	95	97	102	103	99	101	98	98	97	98	102	93	89	93	94	91	88	87	89	93	94.3
	Minimum	68	70	70	73	71	69	68	71	71	72	69	67	72	75	76	72	71	74	71	69	74	73	67	67	70	69	68	67	66	64	65	70.0
Magnolia..........	Maximum	95	91	93	95	97	102	102	102	97	94	95	95	97	104	105	99	100	99	100	101	92	102	96	89	96	97	96	91	93	93	95	96.9
	Minimum	68	69	69	68	73	66	67	72	77	72	72	72	70	75	75	73	73	73	71	72	63	71	75	69	73	73	69	70	70	72	71	77.1
Mammoth Spring.	Maximum	89	90	88	92	96	98	101	101	92	94	92	94	98	96	97	91	102	101	96	94	94	98	94	96	98	100	99	96	86	88	92	94.9
	Minimum	60	63	69	68	69	69	70	72	69	64	64	63	68	70	69	72	68	69	70	66	69	69	70	69	70	70	67	64	67	57	56	67.1
Marianna...	Maximum	87	..	88	90	91	98	98	97	..	92	91	93	96	97	99	..	98	97	98	94	95	94	..	91	95	94	91	90	86	..	89	93 4
	Minimum	71	..	70	76	75	74	72	77	..	73	70	67	75	78	73	..	73	74	73	73	74	74	..	69	73	73	70	70	72	..	62	72.3
Marked Tree....§§	Maximum	90	91	84	89	95	97	100	100	90	90	90	91	90	97	95	89	97	96	97	90	93	94	88	91	93	96	91	90	84	86	90	92.1
	Minimum	68	67	66	67	72	72	72	74	68	70	70	64	69	78	72	68	67	74	72	68	71	70	74	67	69	71	74	65	67	62	60	69.3
Mena..............	Maximum	95	81	92	94	95	98	102	103	91	91	94	98	100	104	105	98	101	100	101	104	105	109	98	93	96	98	93	90	89	91	95	96.9
	Minimum	67	67	71	71	71	70	66	69	76	72	67	67	67	70	74	75	72	72	72	72	70	73	74	64	67	71	73	68	67	68	67	70.0
Monticello.	Maximum	92	85	91	92	94	94	98	97	92	90	92	95	94	100	104	96	99	97	94	101	95	97	96	81	92	94	94	91	90	90	92	93.8
	Minimum	68	70	72	73	73	71	69	74	72	72	71	73	71	74	75	73	71	74	72	72	72	72	69	69	72	73	70	66	69	71	69	71.4
Morrilton ....§§	Maximum	91	90	87	93	94	98	98	100	98	92	93	94	98	98	102	99	101	99	99	95	97	101	98	90	94	96	94	94	90	89	95	95.4
	Minimum	70	70	69	72	72	69	67	72	71	69	67	67	72	74	74	73	72	71	69	70	72	72	70	67	72	71	74	67	66	63	64	69.9
Mountain Home...	Maximum	90	86	85	94	96	99	100	101	89	91	92	95	95	98	99	94	97	97	97	93	97	99	94	94	96	95	95	95	85	87	95	94.2
	Minimum	63	67	67	69	68	69	68	71	68	68	65	65	70	70	72	73	68	68	68	68	70	71	70	63	67	71	66	65	67	57	58	67.4
Mt. Ida............	Maximum	92	82	90	92	93	100	105	104	92	92	94	97	102	106	108	100	99	98	102	104	105	109	100	87	94	99	93	94	91	91	94	97.1
	Minimum	65	68	71	76	67	62	60	66	71	64	60	64	65	67	73	75	74	70	64	66	68	66	68	64	65	67	70	70	66	64	64	67.1
Newport...........	Maximum	88	90	86	90	93	99	99	100	92	91	92	93	95	97	100	92	98	98	99	91	94	96	91	92	94	97	95	93	89	89	91	93.7
	Minimum	70	69	68	72	72	70	71	73	72	70	70	65	71	75	73	75	71	74	72	70	72	73	76	66	70	73	75	67	68	67	68	70.9
Oden......... ..***	Maximum	90	82	88	92	95	96	103	104	85	94	96	96	99	103	105	99	99	98	100	102	104	105	98	89	94	96	91	90	89	90	92	95.6
	Minimum	66	68	76	75	70	65	64	70	73	69	64	66	70	73	74	77	73	74	67	69	70	70	67	66	66	68	70	67	66	68	67	69.3
Okay..............	Maximum	96	94	93	95	96	98	101	102	100	92	94	96	98	103	104	102	100	99	99	105	101	104	97	90	96	97	97	95	92	92	94	97.5
	Minimum	70	70	72	71	70	66	65	70	75	72	70	72	70	74	75	75	72	71	70	70	71	70	71	69	69	71	73	70	69	72	70	70.8
Ozark.............	Maximum	90	85	88	95	95	102	104	105	100	97	95	97	100	106	109	103	105	103	103	103	104	105	103	96	96	100	102	94	92	90	94	98.7
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	73	69	77	76	70	67	69	69	70	68	66	65	70	....
Paragould....... .	Maximum	89	88	80	84	89	95	98	98	90	88	86	91	94	95	92	85	95	96	95	89	91	95	89	91	92	95	92	87	85	87	87	90.6
	Minimum	64	66	68	69	64	69	61	64	60	67	68	64	70	75	72	69	69	76	72	69	71	69	69	69	70	72	68	67	67	60	62	67.7
Pine Bluff.........	Maximum	88	85	89	90	91	94	95	98	87	89	90	93	94	97	101	93	96	94	95	97	95	98	94	81	92	94	87	85	86	88	91	91 8
	Minimum	69	73	73	75	75	73	71	75	73	73	74	72	75	78	78	77	77	75	75	74	75	75	70	70	72	74	74	67	69	71	69	73.3
Pocahontas.......	Maximum	90	90	86	90	94	98	100	101	96	94	91	92	98	97	94	89	97	97	95	91	92	95	94	92	94	97	95	92	88	88	90	93.5
	Minimum	61	64	69	73	71	71	72	70	69	69	67	64	68	74	71	72	68	70	70	70	70	70	73	66	71	66	69	65	67	60	61	68 4
Portland	Maximum	92	92	93	94	94	97	99	97	91	88	91	95	95	100	98	95	98	95	97	98	91	94	94	88	88	93	92	93	93	88	91	93 7
	Minimum	66	68	70	69	71	68	64	71	73	69	69	70	68	75	71	68	72	72	70	69	65	69	74	68	69	70	70	66	68	68	64	69.2
Prescott....	Maximum	93	85	95	96	99	99	102	102	89	92	95	96	99	103	105	100	102	100	101	103	101	107	101	85	96	98	97	92	93	92	95	97.2
	Minimum	70	69	71	73	74	69	68	74	75	72	72	71	73	77	79	79	75	75	74	73	73	73	75	69	71	74	72	70	68	72	69	72.5
Rogers	Maximum	88	81	83	91	94	95	99	95	88	89	91	94	93	97	98	99	97	96	90	94	101	96	88	92	93	95	96	91	84	89	95	92.6
	Minimum	58	67	70	72	72	68	63	68	69	66	62	64	71	70	69	75	76	70	68	68	72	71	68	65	66	69	66	68	68	58	60	67.6
Russellville......‡‡	Maximum	91	86	86	94	96	99	103	102	99	94	94	97	99	103	106	101	102	101	101	99	98	104	99	94	96	95	96	92	90	90	95	96.8
	Minimum	71	72	73	71	70	69	67	71	73	71	68	68	71	73	75	81	78	71	69	70	74	74	69	68	74	70	68	68	67	65	65	70.8
St. Charles ......§§	Maximum	90	88	89	91	92	97	98	98	90	90	92	93	95	95	100	90	97	96	97	96	95	94	94	87	94	95	90	91	88	88	89	92.9
	Minimum	69	70	70	75	73	70	68	74	68	70	72	68	73	75	72	73	73	73	73	74	71	74	77	69	72	73	74	68	69	67	65	71.4
Searcy	Maximum	89	90	87	90	92	97	100	100	91	92	94	94	95	98	102	94	98	97	100	95	97	98	94	91	92	96	94	92	87	88	92	94.1
	Minimum	71	68	67	73	71	69	71	73	73	71	71	66	72	75	73	75	73	72	70	70	74	75	76	66	70	72	68	67	68	64	62	70 5
Stuttgart	Maximum	90	89	90	93	93	97	99	99	91	91	93	94	96	96	102	94	98	97	98	95	96	97	94	88	94	87	90	92	89	88	91	93.6
	Minimum	68	69	69	73	71	68	67	72	70	69	70	66	70	73	71	71	71	78	69	70	69	72	82	67	68	69	70	66	65	74	63	70.0
Stuttgart . ....‡‡§§	Maximum	89	89	89	90	91	95	97	98	89	89	91	93	93	94	100	93	95	94	95	95	94	95	92	86	91	94	88	90	88	88	90	92.1
	Minimum	72	71	69	76	74	71	70	72	69	72	73	69	74	76	74	74	74	73	72	73	72	75	76	67	71	73	74	68	69	67	66	71.8
Subiaco	Maximum	93	88	90	99	101	103	105	106	98	98	98	101	99	107	108	105	105	104	102	105	107	108	99	98	100	99	100	91	92	91	97	99.9
	Minimum	68	70	69	72	70	68	66	70	72	69	67	67	74	77	77	79	73	76	75	68	75	73	71	65	67	70	68	68	65	64	66	70 3
Texarkana	Maximum	98	88	95	96	99	102	103	106	99	94	98	96	100	106	107	103	103	102	104	106	107	110	97	92	101	103	99	98	94	95	101	100.1
	Minimum	70	70	70	73	73	73	68	72	78	72	73	74	73	74	79	74	75	74	74	75	73	72	75	70	72	74	73	71	71	72	73	72.9
Thornburg	Maximum	89	80	86	90	92	99	99	100	89	91	93	95	98	101	104	103	104	99	100	100	105	107	99	88	96	96	90	92	89	89	92	95.3
	Minimum	67	69	72	73	66	62	60	65	70	63	60	65	66	68	72	79	72	72	67	66	68	67	70	62	70	69	63	65	65	61	63	67.0
Turnpike..........	Maximum	85	78	77	84	86	88	93	93	83	82	86	86	88	92	94	91	90	89	89	89	88	93	85	85	86	91	87	84	79	81	86	86.7
	Minimum	67	67	64	70	72	73	75	79	66	68	67	69	73	78	79	75	71	72	72	73	70	73	64	62	62	70	68	65	64	63	66	69.6
Waldron	Maximum	..	..	..	..	..	..	103	104	99	95	95	98	100	104	106	104	102	101	102	104	106	107	101	97	99	98	100	95	96	95	97	100.3
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Warren	Maximum	92	86	91	93	94	98	96	98	95	91	92	95	97	100	104	96	99	97	98	101	96	101	95	81	92	95	94	91	90	89	92	94.5
	Minimum	67	70	71	73	73	73	68	71	72	71	70	71	73	77	75	72	76	74	73	73	73	72	70	68	71	72	66	65	68	70	67	71.1
White Rock	Maximum	83	76	79	86	88	91	93	94	88	85	85	88	89	94	97	93	92	90	91	93	93	98	86	86	89	89	91	85	81	81	86	88.4
	Minimum	69	64	67	70	71	72	71	76	69	69	70	70	72	78	74	74	72	72	74	72	71	74	62	64	67	71	69	67	64	65	67	69.9
Wilson	Maximum	96	91	89	92	93	96	98	99	89	91	89	92	94	98	87	87	96	98	98	85	86	87	90	91	92	94	87	86	86	83	87	91.2
	Minimum	73	72	71	73	74	73	73	78	77	73	71	64	66	75	72	67	70	75	74	68	71	70	69	75	76	72	75	65	72	69	63	71.5
Wynne	Maximum	88	89	87	91	92	98	97	98	93	89	89	91	94	96	98	90	98	100	98	95	95	95	93	91	95	96	88	93	86	85	90	92.8
	Minimum	68	68	63	74	71	69	70	74	69	69	70	60	71	72	70	71	70	72	71	69	71	72	76	66	69	70	74	64	67	60	56	68.9

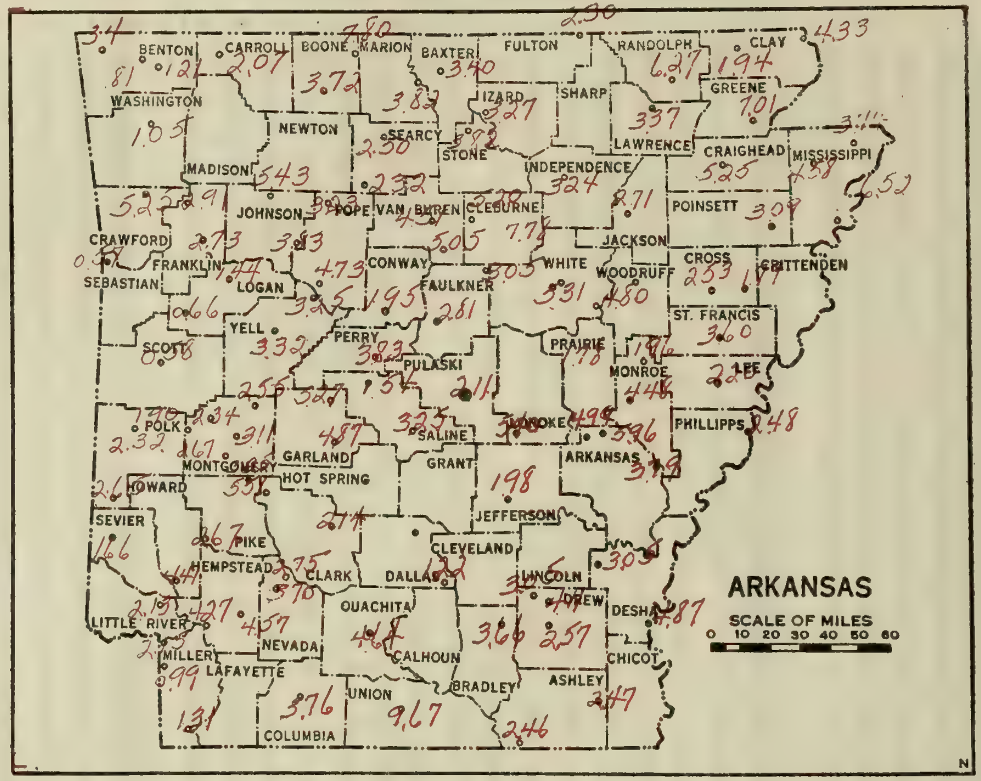
Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for July, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.289	*	*	*	1.008	.765	.317	.319	.335	.156	305	.281	.175	...	.215	.504	.325	.417	.412	.495	.231	.309	.393	.382	.....	.101	.312	.312	.326	.193	.180	9.675
	Mean tem.	80	82	79	79	80	82	81	83	82	79	78	82	81	89	90	85	80	80	80	84	84	88	82	78	80	84	80	77	76	76	78	81.4
	Wind move	21	32	60	56	50	25	32	28	38	49	55	45	19	54	31	83	19	49	57	41	45	39	62	31	28	29	35	48	33	18	23	1230
Irons Fork... §§ Exp. Forest	Evap.	.148	.124	.056	.138	.208	.230	.194	.205	.242	.100	.268	.208	.200	213	.211	.296	.171	.393	.262	.248	.212	.236	.285	.205	.113	.201	.220	.127	.169	.182	.142	6.207
	Mean tem.	76	71	78	80	81	82	88	82	78	80	75	78	83	82	85	86	83	82	89	82	85	85	82	75	76	78	79	78	74	74	79	79.7
	Wind move	8	9	27	38	31	19	12	8	5	10	18	12	9	12	11	20	25	30	21	16	10	8	23	14	9	10	13	12	8	8	12	468
Russellville,... Ozark Nursery.	Evap.	.306	.202	.150	.310	.220	.314	.304	.352	.202	.338	.290	.298	250	.282	.406	.416	.282	.458	.380	.282	.314	.256	.484	.300	.214	.242	.376	.152	.278	.242	.226	9.086
	Mean tem.	81	79	80	82	83	84	85	86	86	82	81	82	85	88	90	91	90	86	85	84	86	89	84	81	85	82	82	80	80	78	80	83.8
	Wind move	18	16	22	20	24	18	16	19	45	44	21	11	41	11	45	38	*	69	36	10	22	20	58	24	10	14	21	9	43	19	15	774
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.159	214	.317	.185	.270	.234	.261	324	.516	.217	.210	332	.111	.250	.239	.258	.232	.244	.254	.251	.225	.207	.271	.286	.166	.216	*	*	.483	.167	.192	7.291
	Mean tem.	80	80	79	83	82	83	84	86	79	80	82	80	84	85	87	84	84	84	84	84	83	85	84	76	81	84	81	79	78	78	78	82.0
	Wind move	33	51	77	85	85	39	40	17	39	54	45	20	17	63	25	28	45	49	49	45	31	43	72	60	52	57	63	64	51	30	24	1451

Corrections:--February, Fayetteville minimum temperature on the 12th should be 28°; March, greatest daily range 47°. June, Brinkley, mean maximum temperature 88.4; mean monthly 78.4; Stuttgart, mean monthly 78.8. River reading at Dardanelle on April 14th should be 8.7; on May 12th, 4.0; monthly mean for May, 8.3.

Precipitation for July, 1939



Daily River Stages for July, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.3	12.8	12.6	13.0	13.6	11.7	10.8	9.8	9.3	8.6	8.2	8.1	7.8	7.4	7.0	6.6	6.2	6.2	5.6	5.6	5.6	5.5	5.4	5.4	5.3	5.4	5.8	5.4	5.4	5.3	5.1
Van Buren	do	22	10.8	12.4	12.5	12.6	13.8	11.4	10.2	9.1	8.2	7.6	7.1	6.8	6.7	6.2	5.7	5.4	5.2	4.9	4.6	4.4	4.4	4.3	4.2	4.3	4.2	4.2	4.7	4.3	4.3	4.2	4.0
Danville	Petit Jean	20	3.6	3.2	2.9	2.7	2.5	2.5	2.4	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	5.3	3.7	2.6	2.4	2.9	3.6	3.8	2.9
Ozark	Arkansas	22	5.8	7.1	8.3	6.7	9.3	7.8	6.3	5.4	4.4	3.8	3.1	3.8	2.4	2.2	1.8	1.4	1.1	0.9	0.7	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.2	0.4	0.4	0.3	0.2
Dardanelle	do	22	7.9	9.2	10.5	11.5	11.1	12.3	10.5	9.2	8.3	7.3	6.7	6.1	5.8	5.5	5.2	4.6	4.2	3.8	3.5	3.3	3.1	3.0	3.0	3.0	2.7	2.8	2.6	3.3	3.3	2.9	2.8
Morrilton	do	20	4.2	5.0	6.2	8.5	8.0	8.8	8.4	6.3	5.2	4.2	3.4	2.7	1.9	1.7	1.4	0.8	0.4	-0.1	-0.5	-0.8	-1.0	-1.2	-1.3	-1.3	-1.5	-1.6	-1.5	-1.6	-0.9	-1.2	-1.5
Little Rock	do	23	5.2	5.1	5.9	7.3	8.5	8.0	8.8	7.8	6.4	5.5	4.7	4.1	3.6	3.2	2.9	2.6	2.3	1.8	1.5	1.2	1.0	0.8	0.6	0.5	0.5	0.5	0.3	0.4	0.4	0.8	0.7
Pine Bluff	do	25	8.2	8.7	8.8	9.8	11.6	12.1	11.6	12.4	11.0	9.8	8.9	8.1	7.5	6.9	6.6	6.3	6.1	5.8	5.4	5.1	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	4.0	4.2	4.2
Gilbert	Buffalo	30	5.0	4.6	4.9	5.3	4.7	4.3	4.3	4.2	4.5	4.1	3.8	3.5	3.3	3.3	3.3	3.2	3.2	3.2	3.1	3.6	3.5	3.3	3.2	3.2	3.2	3.2	3.2	3.1	4.3	3.9	3.4
Doniphan, Mo.	Current	10	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.5	3.5	3.4	3.4	3.4	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.7
Black Rock	Black	14	4.8	4.8	5.5	9.3	6.1	5.8	4.8	4.1	3.9	3.9	3.6	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.9	3.0	3.0	2.9	2.8	2.6	2.5	2.8	2.5	2.5	2.4	2.4
Heber Springs	Little Red	30	4.8	4.4	8.1	8.7	6.4	5.4	4.8	4.4	4.9	4.9	4.2	3.8	3.6	3.4	3.2	3.1	2.9	2.8	2.7	3.0	2.9	2.7	2.6	2.5	2.4	2.4	2.3	4.0	4.0	3.1	3.2
Ozark Beach Mo	White	30	5.0	4.6	2.2	4.3	3.6	1.2	1.3	1.4	-0.7	-0.7	-0.7	-0.1	-0.7	0.2	0.1	-0.7	-0.7	-0.7	2.4	-0.6	-0.7	-0.4	-0.7	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	2.0	-0.6
Cotter	do	21	7.1	6.7	8.5	11.8	8.5	6.0	5.2	4.8	5.3	5.3	4.7	4.3	4.2	4.2	4.2	4.2	4.1	4.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.4	3.7
Calico Rock	do	18	6.0	5.1	4.8	15.5	7.4	5.4	4.3	3.4	3.2	4.6	3.0	2.6	2.3	2.4	2.2	1.8	1.8	1.3	1.0	1.1	1.1	1.6	1.4	1.2	1.4	1.4	1.5	0.9	1.2	1.0	1.7
Batesville	do	23	13.0	11.9	11.0	21.5	18.1	12.8	11.0	9.7	9.1	10.5	9.8	8.1	8.0	7.7	7.3	7.1	7.1	6.8	6.3	6.6	6.2	6.1	6.7	6.3	6.2	6.3	6.4	5.9	6.0	6.1	6.0
Newport	do	26	11.6	11.2	10.3	11.1	19.6	18.6	15.5	12.4	9.6	7.8	8.3	7.3	5.8	5.1	4.5	4.1	3.9	3.7	3.2	3.0	3.0	2.9	2.7	2.9	2.5	2.5	2.5	2.4	2.1	2.2	2.2
Georgetown	do	21	11.9	12.9	13.6	14.4	15.6	16.8	17.2	17.2	16.7	15.5	14.2	13.3	12.3	10.5	9.6	8.6	7.7	6.8	6.4	6.0	5.6	5.3	5.1	5.0	4.9	4.7	4.6	4.6	4.8	4.4	4.1
Des Arc	do	24	13.9	14.8	15.7	16.3	16.9	17.9	18.5	18.8	18.8	18.5	17.7	16.9	16.0	14.9	13.5	12.5	11.4	10.4	9.8	9.2	8.6	8.2	7.9	7.9	7.8	7.6	7.4	7.0	7.4	7.3	6.9
Clarendon	do	26	17.6	18.2	18.8	19.5	20.0	20.5	21.1	21.5	22.1	22.5	22.6	22.5	22.1	21.6	20.9	20.0	18.9	17.7	16.4	15.4	14.5	13.8	13.1	13.5	13.1	12.7	12.3	12.0	11.8	11.7	11.5
St. Charles	do	25	17.8	18.1	18.4	18.8	19.1	19.5	19.8	20.2	20.6	21.0	21.2	21.4	21.4	21.3	21.1	20.7	20.1	19.1	17.9	16.7	15.5	14.8	13.8	13.4	13.4	13.2	12.8	12.4	12.1	12.0	11.9
Arkadelphia	Ouachita	17	4.2	4.5	4.8	4.4	4.5	5.2	4.2	3.9	4.3	4.7	4.2	4.2	5.0	3.7	4.3	4.1	4.3	3.8	3.8	3.9	3.8	3.8	3.6	3.7	3.7	3.7	3.7	3.7	4.5	4.4	3.8
Boughton	Little Mo.	20	3.8	4.0	6.0	6.0	5.6	4.8	4.4	4.0	3.9	3.6	3.7	3.8	3.6	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.6	3.8	3.5
Camden	Ouachita	26	5.2	5.3	5.0	5.0	5.0	6.0	5.5	5.4	4.8	4.4	4.5	4.5	4.4	4.4	4.0	4.0	4.0	3.8	3.8	3.9	3.9	4.2	3.8	3.9	4.0	4.0	4.0	4.1	4.2	4.3	4.6
Benton	Saline	20	5.5	5.7	7.1	7.2	6.4	5.8	5.4	5.2	5.0	4.8	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.6	3.3	3.2	3.2	3.3	5.4	4.6	4.3
Whitecliffs	Little River	25	3.0	2.7	2.5	2.4	2.4	2.5	2.2	2.2	2.2	2.2	2.2	1.5	1.6	1.5	1.2	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Index	Red	25	11.0	10.8	10.8	10.8	10.0	11.4	11.3	11.0	10.5	10.1	9.9	9.5	9.4	9.2	8.8	8.8	8.8	8.8	8.8	7.7	7.7	7.6	7.6	7.6	7.6	7.2	7.0	6.9	6.9	6.7	6.7
Fulton	do	25	9.7	9.1	8.8	8.7	9.9	9.3	9.0	9.0	8.4	8.2	7.8	7.9	7.8	7.2	6.6	5.5	6.5	5.5	5.3	5.0	4.9	4.7	4.5	4.4	4.4	4.2	4.0	4.4	4.1	4.0	3.9
Big Lake Outl't	St. Francis	10	5.6	5.4	5.3	5.4	5.3	5.2	5.0	4.9	4.9	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.6	4.5	4.4	4.4	4.4	4.8	4.7	4.6	4.5
St. Francis	do	18	8.9	9.6	9.6	9.4	8.9	7.9	7.0	6.3	6.8	6.8	7.4	7.0	6.4	6.7	6.5	6.1	5.8	5.6	5.5	5.4	5.7	6.3	6.0	5.5	5.2	5.0	10.0	12.1	12.3	9.8	8.1
St. Francis L.L.	do	..	19.2	19.3	19.4	19.9	19.9	19.9	19.9	19.8	19.3	19.5	19.4	19.5	19.4	19.4	19.4	19.3	19.2	19.2	18.9	18.9	18.9	18.9	18.8	18.7	18.6	18.4	18.4	18.2	17.8	17.8	17.9
Marked Tree	do	17	6.1	6.0	6.6	6.8	6.4	5.8	5.4	5.0	6.0	6.0	5.9	5.2	5.9	5.9	5.9	6.0	6.0	5.7	5.8	5.8	5.8	5.9	6.2	6.0	6.0	6.0	5.6	5.6	6.0	5.5	5.4
Parkin	do	28	7.1	7.0	7.3	8.3	9.4	9.5	8.9	8.1	7.3	7.0	7.1	7.1	6.8	6.1	5.9	5.9	6.1	5.9	5.7	5.8	5.7	5.7	5.8	5.8	5.8	5.6	5.4	5.4	5.4	5.4	5.4
Madison	do	32	8.3	8.1	8.5	8.5	9.3	9.7	9.4	8.8	8.0	7.2	7.0	6.7	6.2	5.9	5.2	5.3	5.4	5.4	5.1	4.9	4.8	4.7	4.6	4.5	4.5	4.5	4.3	4.2	4.2	4.1	4.0
Helena	Mississippi	42	26.9	26.6	26.2	26.0	25.5	24.7	23.7	22.7	21.9	21.3	20.8	20.5	20.2	20.1	20.6	21.1	21.3	21.0	19.9	17.5	14.9	13.2	12.4	12.0	12.0	12.1	12.4	12.8	13.2	13.4	13.6
Arkansas City	do	42	21.1	21.3	21.2	21.0	20.9	20.9	20.6	20.1	19.5	19.0	18.4	17.8	17.4	16.9	16.7	16.8	17.0	17.0	16.9	16.2	15.4	12.9	11.2	10.4	9.9	9.8	9.8	9.9	10.1	10.3	10.5

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 1 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means are for the period to 1935, inclusive §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a, b, c, number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1] Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation is measured in the morning; amount then recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Irons Fork Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mt., Norman, Mulberry, R 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station.

Weather Bureau Office, Little Rock, Ark. 9-8-39-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

H. S. COLE

Vol. XLIV LITTLE ROCK, ARK., AUGUST, 1939 No. 8

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

The mean temperature for the State, based on the reports of 71 stations, was 80.2°, which is 0.1° above the 49-year average. Mean temperatures ranged from 75.4° at Turnpike to 85.6° at Texarkana. The highest temperatures were reported over the southwestern portion of the State with 107° at Texarkana on the 17th and 31st. The lowest temperature during the month was 49° at Lead Hill on the 21st. The greatest daily range was 44° at Gravette on the 4th.

The average precipitation, based on the reports of 108 stations, was 2.50 inches, which is 1.03 inches below the 49-year average. Monthly amouuts ranged from 0.27 inch at Index to 6.84 inches at Mt. Ida. Sixteen stations reported rainfall amounts less than an inch, while 17 stations recorded amounts of 4 inches or more. The greatest amount for any 24-hour period was 4.32 inches at Mt. Ida on the 9th. The average number of rainy days was 6.

An aurora borealis was observed at six stations on the 11th. Thunderstorms were recorded on 26 days.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.91	30.07	21	29.65	6	5.5	18	sw.	24	..	.	.	75
Fort Smith	29.94	30.17	24	29.75	7	6.3	31	nw.	24	78	45	40	67
Little Rock	29.94	30.11	26	29.72	17	6.8	42	w.	27	91	55	64	76
Memphis	29.93	30.23	1	29.81	17	6.5	28	ne.	23	91	55	63	70

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	1	..	..	.	1	3	6	1	.	1	1	1	.	.	3	2	1	1	.	.	3	.	.	1	.	.	1	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	1		..	1	1	.	.	.	..
Moderate Hail	.	.	.	.	.		.				.	.	.		.	.		1		.		.	1	.		1	1		.	.	..
Thunderstorm	..	4	7	.	2	10	1	13	17	4	12	9	25	5	3	3	7	22	1	..	..	18	17	6	21	24	13	1	2	7	15

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.38	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	106	47	4.34	0.0	8	15	12	4
1904	78 1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.73	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	3.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82 6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4 08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80 4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.43	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.0	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	43	6.01	0.0	10	12	10	9
1928	81.3	105	51	4 62	0.0	7	17	5	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0 0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0 0	8	12	11	8
1934	84.8	116	48	2.75	0 0	5	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
1938	83.2	109	54	2.26	0 0	5	18	9	4
1939	80.2	107	49	2 50	0.0	6	16	11	4
Period	80.1	120	39	3.53	0.0	6	16	10	5

Storms in August

Nature of storm	County	Location	Date	Time	Dir. moved	Length of path miles	Width of path yards	Killed	Injured	Damage	Remarks
Windstorm	Jefferson	Pine Bluff	13	6.00 p.m.	SE	....	....	0	0	$	Slight property damage.
Windstorm	Cross	Wynne	22	2:15 p. m.	....	....	....	0	0	....	Slight property damage.
Thunderstorm	Saline	Benton(6 mi.W of)	26	3:45 p. m.	....	....	....	1	0	....	Farmer. age 47, killed by lightning.
Heavy Hail	Johnson	Lutherville	26	6:40 p m.	NW	....	2640	1	0	....	Slight property damage.
Windstorm	Pulaski	Little Rock	26	4:45 p. m.	SE	....	....	0	0	....	Slight property damage, Max. velo. of 31 mi. from SE at 4:52 p. m. ; Extreme vel- 34 m. p h.
Thunderstorm	Scott	Waldron (near)	26	a. m.	....	....	....	1	0	....	Farmer, age 60, killed by lightning.
Windstorm	Polk	Grannis	27	9:20 p.m.	SE	....	....	0	0	250	Property damaged.
Heavy Hail-	Pulaski	Little Rock	27	1:30 p. m.	NW	....	1760	0	0	....	Slight property damage.
Windstorm	Pulaski	Little Rock	27	1:30 p. m.	NW	....	....	0	0	....	Slight property damage. Max. velo., 38 from NW at 1.37 p.m., extreme 50 m.p. h.
Windstorm	Desha	Dumas	31	....	....	....	....	0	0	500	Property damaged.

Climatological Data for August, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	3	78.2	...	97	12	60	4	35	3.40	...	2.30	0	7	10	19	2	w.	L. R. Water Works
Amity	Clark	500	44	...	...	...	...	...	...	...	...	...	...	.	..	..	..	..	...	J. W. Campbell
Arkadelphia	Clark	200	44	82.2	...	103	12	64	29	35	2.42	−1.21	1.33	0	8	15	16	0	nw.	Mrs. Ted R. Carpent
Arkansas City	Desha	145	55	...	...	...	...	...	...	...	0.55	−3.41	0.24	0	3	22	1	8	...	Herbert Neff
Batesville Airway	Independence	363	3	79.8	+ 0.8	98	12§	58	22§	35	3.84	...	2.33	0	9	16	10	5	nw.	Airway Observer
Batesville	Independence	277	40	...	...	...	...	...	...	...	2.94	−1.47	1.13	0	7	16	7	8	...	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	79.2	− 0.5	98	5	60	4§	34	3.45	−0.58	1.30	0	4	12	13	6	w.	J. E. Scanlan
Benton	Saline	285	4	79.2	...	97	25	61	4	33	3.50	...	1.28	0	8	24	5	2	ne.	S. A. Burks
Bentonville	Benton	1295	34	77.7	+ 0.9	99	30	54	21	38	3.30	−0.76	1.10	0	8	12	14	5	s.	U. S. Weather Bure
Big Lake Outlet .†	Mississippi	239	9	...	...	...	...	...	...	...	1.78	...	0.69	0	5	20	3	8	...	C. J. Brooks
Black Rock	Lawrence	259	38	...	...	...	...	...	...	...	3.43	−0.68	1.35	0	4	25	0	6	s	Vernon C. Howe
Blytheville	Mississippi	252	14	79.3	− 0.3	97	12	57	22	34	4.22	−0.69	1.38	0	6	22	6	3	s.	Samuel Norris
Booneville	Logan	465	25	83.2	+ 1.1	105	30	59	4	41	1.26	−2.82	0.63	0	5	5	23	3	e.	F. H. Randolph
Boughton........†	Clark	235	4	...	...	...	...	...	...	...	2.28	...	0.68	0	7	19	7	5	...	Harry J. Buie
Brinkley	Monroe	205	48	80.4	0.0	99	7	62[e]	4	30[e]	1.51	−2.16	0.67	0	8	17	11	3	ne.	R. J. Torry
Calico Rock	Izard	361	35	...	...	...	...	...	...	...	0.71	−3.65	0.25	0	6	14	7	10	...	William Jones
Camden	Ouachita	116	54	82.7	+ 2.1	101	12§	63	29	33	1.09	−2.19	0.64	0	2	9	16	6	s.	J. M. Knight
Clarendon	Monroe	172	35	...	...	...	...	...	...	...	0.40	−3.28	0.22	0	6	18	9	4	n.	R. M. Wheatley
Clinton	Van Buren	516	18	...	...	...	...	...	...	...	3.15	−1.43	2.02	0	3	16	14	1	sw.	A. L. Stephens
Conway	Faulkner	309	56	81.4	− 0.2	100	5	61	4§	37	4.39	+0.83	2.76	0	7	15	14	2	s.	E. E. Cordrey
Corning	Clay	293	46	79.2	+ 0.7	101	12	52	22	42	1.89	−2.40	0.65	0	6	18	9	4	s.	Winfred D. Polk
Cotter	Baxter	440	12	...	...	...	...	...	...	...	0.64	−2.78	0.32	0	2	19	5	7	...	O. B. McSpadden
Crossett	Ashley	175	27	81.4	− 0.6	100	30	56	29	40	2.05	−1.27	0.97	0	4	16	14	1	s.	U. S. Forest Service
Danville	Yell	327	23	...	...	...	...	...	...	...	2.35	−1.69	1.45	0	5	13	14	4	...	J. M. Patterson
Dardanelle	Yell	330	53	81.2	+ 0.4	100	6	62	4	35	2.81	−0.82	1.34	0	8	6	23	2	n.	Geo. N. Goodier
De Queen	Sevier	426	4	82.6	...	101	5§	63	27	36	2.59	...	0.95	0	6	22	6	3	s.	E. B. Smith
Des Arc	Prairie	204	1	...	...	...	...	...	...	...	0.84	...	0.50	0	5	16	5	10	...	Z. R. Glenn
Devils Knob ....†	Johnson	2350	3	76.4	...	92	6	58	21	24	1.33	...	0.53	0	6	15	13	3	sw.	U. S. Forest Service
Dumas	Desha	162	34	82.1	+ 0.6	100	6	59	29	36	3.17	−0.42	0.86	0	7	5	22	4	s.	Ben Johnson
El Dorado	Union	270	39	83.6	+ 1.4	100	17§	66	29	29	2.91	−0.09	2.00	0	3	20	60	1[h]	w.	Mrs. E. W. Gaston
England	Lonoke	229	33	81.4[h]	+ 0.6	100[h]	11	56[h]	29	36[h]	0.35	−3.29	0.27	0	2	11[h]	12[h]	0[h]	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	77.8	− 0.6	97	6	54	21	32	4.55	−0.42	1.90	0	7	20	10	1	se.	Geo. W. Nichoalds
Fayetteville	Washington	...	2	78.0	...	98	31	57	21	36	1.25	...	0.60	0	4	4	23	4	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	79.5	+ 1.3	101	31	53	21	42	0.89	−3.15	0.67	0	1	10	19	2[d]	s.	University of Arkans
Fordyce	Dallas	275	11	88.3[d]	...	99[d]	12§	65[d]	29	31[d]	3.73	...	...	0	6	21[d]	6[d]	0[d]	ne.	Miss Mercille McMur
Fort Smith	Sebastain	448	58	83.6	+ 3.1	102	31	66	19	31	1.21	−2.07	0.76	0	4	13	14	4	e.	U. S. Weather Bure
Ft. Smith Wtr.P. .†	Crawford	...	2	...	...	...	...	...	...	...	2.14	...	0.96	0	4	16	3	12	...	T. J. Wylie
Fulton	Hempstead	260	54	...	...	...	...	...	...	...	2.14	−1.06	0.92	0	7	22	2	7	...	T. J. Logan
Georgetown	Woodruff	200	27	...	...	...	...	...	...	...	1.95	−1.76	0.75	0	4	24	2	5	...	C. G. Long
Gilbert	Searcy	600	14	77.0	...	100	13	54	24	41	1.25	−2.63	0.55	0	4	18	3	10[b]	...	F. E. King
Glenwood	Pike	547	4	...	...	...	...	...	...	...	1.78		1.14	0	7	22[b]	1[b]	6[b]	...	C. A. Price
Grannis	Polk	950	20	80.5	+ 1.1	101	5§	60	27	36	4.16	+0.52	2.29	0	5	22	8	1	e.	W. E. McVay
Gravette	Benton	1250	42	78.6	+ 1.0	103	6	52	21	44	4.79	+0.66	1.49	0	7	11	20	0	sw.	Max W. Schmidt
Green Mountain .†	Stone	1100	3	78.4[a]	...	94[a]	6§	59[a]	21	27[a]	1.08	...	0.40	0	7	7	21	3	sw.	U. S. Forest Service
Hankins........†	Drew	...	2	...	...	...	...	...	...	...	1.48	...	0.55	0	5	..	.	..	...	Soil Conservation Se
Harrison	Boone	1052	39	78.2	+ 1.2	100	13	55	21	39	3.00	−1.03	1.10	0	9	21	6	4	ne.	Louis R. Keck
Heber Springs	Cleburne	...	10	...	...	...	...	...	...	...	2.77	...	1.39	0	8	13	13	5	...	Lester B. Logan
Helena	Phillips	300	67	78.9	− 1.7	95	12	57	29	32	0.76	−3.06	0.39	0	6	8	17	6	s.	James A. Burnett
Higden	Cleburne	445	20	...	...	...	...	...	...	...	2.90	−1.49	1.11	0	7	21	8	2	s.	Austin E. Cartwrigh
Highland	Pike	491	20	82.4	...	102	30	61	21	34	1.21	−2.57	0.48	0	4	6	20	5	sw.	J. O. Cooley
High Peak .....†	Montgomery	1834	1	...	...	...	...	...	...	...	5.42	...	2.60	0	8	13	12	6	s.	U. S. Forest Service
Hope..........‡‡	Hempstead	375	69	81.8	− 0.6	100	12§	65	19§	32	3.85	+0.88	1.77	0	7	18	12	1	e.	Experiment Farm
Hot Springs	Garland	600	48	80.7	− 0.4	98	6§	63	4	33	4.97	+1.15	1.88	0	7	5	24	2	s.	National Park Servi
Index..........†	Little River	275	22	...	...	...	...	...	...	...	0.27	−3.02	0.15	0	2	26	0	5	...	W. E. McDowell
Irons Fork .....†‡‡	Polk	...	1	77.1	...	100	5	55	4	41	3.82	...	2.20	0	8	..	..	..	sw.	U. S. Forest Service
Jessieville	Garland	750	13	...	...	...	...	...	...	...	6.69	+3.17	1.97	0	8	0	30	1	w.	U. S. Forest Service
Jonesboro	Craighead	345	44	78.6	− 1.5	98	13	57	22	35	4.01	+0.29	1.38	0	7	8	17	6	sw.	Benedictine Sisters
Lead Hill	Boone	650	33	76.0	− 2.8	101	13	49	21	41	2.02	−2.22	0.69	0	9	16	12	3	sw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	60	80.8	+ 1.0	97	12	65	27	24	2.92	−0.83	0.80	0	10	14	14	3	sw.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	3	81.4	...	98	6§	61	29	32	2.85	...	0.89	0	7	12	13	6	sw.	W. B. Airport Stati
Lutherville......†	Johnson	775	41	79.2	− 0.5	98	6	61	22	30	5.80	+1.95	3.24	0	6	18	8	5	se.	H. G. Lenhardt
Madison	St. Francis	209	9	...	...	...	...	...	...	...	0.79	...	0.54	0	2	10	7	14	...	J. W. Eppes
Magnolia	Columbia	315	23	83.4	+ 0.9	101	12§	66	5	33	2.48	−0.56	1.17	0	6	1	27	3	se.	State Agri. School
Mammoth Spring	Fulton	800	35	77.8	+ 0.3	98	4	54	21§	42	3.81	−0.46	1.10	0	9	15[a]	13[a]	2[a]	sw.	Mrs. Johnnie Morto
Marianna	Lee	235	28	80.6[d]	+ 0.6	95[d]	3	58[d]	29	33[d]	1.61	−1.65	0.75	0	6	8[d]	19[d]	0[d]	s.	C. N. Houck
Marked Tree	Poinsett	229	35	78.8	− 0.4	95	12§	58	22	33	2.66	−0.97	1.33	0	6	18	12	1	s.	Charles Walton
Mena	Polk	1207	51	82.2	+ 2.3	101	5§	61	4	38	4.97	+0.63	2.49	0	5	17	9	5	sw.	E. W. St. John
Monticello Airway	Drew	273	3	82.1	...	99	11	63	29	32	1.63	...	0.51	0	6	11	15	5	sw.	Airway Observer
Monticello ......†	Drew	273	4	...	...	...	...	...	...	...	1.35	...	0.95	0	4	..	..	..	...	Soil Conservation Se
Montongo........†	Drew	...	4	...	...	...	...	...	...	...	1.12	...	0.31	0	7	..	..	..	...	Soil Conservation Se
Morrilton	Conway	315	20	79.8	− 1.9	99	6	58	4	38	3.17	−0.43	1.16	0	8	12	13	6	sw.	Mrs. Freda M. Ashere
Mountainburg	Crawford	2010	2	...	...	...	...	...	...	...	2.59	...	0.92	0	6	22	7	2	se.	C. A. Lovell
Mountain Home	Baxter	800	27	78.6	+ 0.6	99	7§	53	21	41	1.52	−2.76	0.70	0	6	12	10	9	w.	H. N. Halbert
Mountain Valley	Garland	273	2	...	...	...	...	...	...	...	4.00	...	1.10	0	8	21	7	3	se.	J. G. Scott
Mount Ida	Montgomery	702	40	80.2	+ 0.8	103	5	57	4	43	6.84	+3.34	4.32	0	8	16	11	4	sw.	G. A. Whittington
Mulberry	Franklin	...	1	...	...	...	...	...	...	...	...	...	...	0	..	23	1	7	...	A. J. McMath
Newport	Jackson	231	56	79.9	− 1.0	97	6§	58	28	34	2.59	−1.33	1.46	0	9	18	10	3	n.	J. D. Henderson
Oden	Montgomery	800	12	79.4	...	97	3	62	4	34	5.19	...	2.83	0	7	8	18	5	sw.	U. S. Forest Service
Okay	Howard	288	11	83.4	...	102[b]	17§	65	15§	36[b]	2.11	...	1.55	0	5	16	12	3	s	Charles R. Jackson
Osceola	Mississippi	250	39	...	...	...	...	...	...	...	2.09	...	0.76	0	6	18	9	4	...	G. H. Banks
Ozark	Franklin	396	44	81.2	− 0.5	102	30	62	4§	35	3.31	−0.42	1.02	0	8	21	3	7	e.	Orkney O. Milton
Paragould	Greene	275	16	77.4	...	93	1§	53	22	37	1.82	−2.15	0.73	0	6	23	7	1	sw.	J. E. Garrett
Parkin	Cross	222	9	...	...	...	...	...	...	...	3.32	...	1.90	0	4	21	2	8	...	Carroll King
Pine Bluff	Jefferson	215	52	82.6	+ 0.8	99	12	64	29	29	0.53	−2.90	0.40	0	5	14	15	2	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	...	...	...	...	...	...	...	...	...	...	.	..	..	..	..	...	J. R. Huddleston
Plantersville .....†	Drew	...	2	...	...	...	...	...	...	...	0.36	...	0.15	0	5	..	..	..	...	Soil Conservation Se
Pocahontas	Randolph	300	46	78.7	− 0.7	97	13	53	22	37	2.84	−2.01	1.37	0	4	16	8	7	sw.	Benedictine Sisters
Portland	Ashley	122	33	79.6	− 1.8	96	17	58	29§	37	0.91	−2.30	0.65	0	6	8	23	0	sw.	W. E. Edmiston
Prescott	Nevada	318	51	83.6	+ 2.0	100	5§	66	29	32	2.63	−0.68	0.99	0	7	15	12	4	e	J. Craig Williams
Rock Springs....†	Drew	...	4	...	...	...	...	...	...	...	0.48	...	0.16	0	5	..	..	..	...	Soil Conservation Se
Rogers (near)....†	Benton	1300	49	78.3	+ 0.9	101	31	53	21	41	1.01	−2.89	0.58	0	5	16	12	3	sw.	Carl A. Starck
Rosebud........†	Faulkner	680	5	...	...	...	...	...	...	...	2.84	...	1.12	0	6	18	10	3	w.	G. A. Maddox
Ross...........†	Drew	...	2	...	...	...	...	...	...	...	0.66	...	0.30	0	5	..	..	..	...	Soil Conservation Se
Russellville	Pope	526	27	80.7	+ 0.8	101	6	61	4	36	3.19	−0.24	1.50	0	5	27	0	4	se.	U. S. Forest Service
St. Charles	Arkansas	175	6	81.6	...	97	6§	60	28	31	0.63	...	0.26	0	5	19	10	2	se.	U. S. Biological Surv
St. Francis	Clay	290	12	...	...	...	...	...	...	...	3.07	−1.17	0.92	0	6	25	1	5	...	A. Boyce Boyd, Jr.
Searcy	White	245	29	80.6	+ 0.5	98	12§	59	29	33	4.01	−0.04	1.46	0	8	27	0	4	s.	Walter A. Smith
Springbank .....†	Miller	240	30	...	...	...	...	...	...	...	1.76	−1.34	0.80	0	5	23	1	7	...	Henry Field
Story	Montgomery	650	15	...	...	...	...	...	...	...	3.48	+0.64	1.65	0	5	24	5	2	s.	S. C. Story
Stuttgart	Arkansas	214	52	81.5	+ 0.8	98	11§	60	29	35	1.61	−1.78	0.95	0	6	20	11	0	sw.	Mrs. B. E. Swim
Stuttgart........‡‡	Arkansas	210	4	80.9	...	98	12	59	29	33	0.98	...	0.60	0	5	..	..	..	...	Rice Experiment Sta
Subiaco	Logan	750	42	81.2	− 0.4	103	30	61	4	38	2.15	−1.64	1.10	0	7	18	11	2	se.	New Subiaco Abbey

Climatological Data for August, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record, years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Texarkana	Miller	332	54	85.6	+3.3	107	17§	68	18§	35	1.03	−2.59	0.57	0	4	19	12	0	s.	H. S. Brashear
Thornburg	Perry	650	19	78.2	−1.0	98	5	55	4	39	3.40	−0.65	2.02	0	7	10	17	4	s.	Edward E. Holmes
Turnpike †	Pope	2240	15	75.4	......	93	6	55	17§	27	3.17	−0.86	1.34	0	8	15	13	3	se.	U. S. Forest Service
Underwood †	Drew	....	2	...	...	.....	....	....	......	......	.....	......	....	.	..	....	....	......	......	Soil Conservation Ser.
Waldron	Scott	675	20	....	......	105	5	....	......	......	3.14	−0.57	1.91	0	7	6°	19°	3°	se.	Wilson Ferguson
Warren	Bradley	206	45	81.6	0.0	98	13	60	29	32	2.85	−0.68	1.05	0	7	4	1	26	sw.	C. N. Turner
Whitecliffs	Little River	290	33	....	......	......	....	....	......	......	4.17	+1.50	2.60	0	5	26	2	2	......	L. M. Snead
White Rock †	Franklin	2285	3	77.7	......	96	30§	59	21	26	3.02	......	0.98	0	7	28	1	2	sw.	U. S. Forest Service
Wilson	Mississippi	237	14	79.1	+0.5	95	6§	57	22	35	2.15	−1.77	1.10	0	3	24	2	5	s.	D. O. Anderson
Wynne	Cross	167	31	79.2	−0.8	97	6	56	28	35	4.41	+0.70	2.47	0	6	12	16	3	s.	B. M. Eddins
State Means				80.2	+0.1	107	17§	49	21	44	2.53	−1.00	4.32	0.0	6	16	11	4	s.	

Daily Precipitation for August, 1939

Stations	Drainage basin	Day of Month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser. †	Ouachita						.02		.08	2.30					T.				.10					.85			.03				T.	.02	3.40
Amity	Ouachita																																....
Arkadelphia [2]	Ouachita				T.					.03	.02				.12		.51		1.33	.22				.18				.01					2.42
Arkansas City [2]	Mississippi				.24														T.	.15												.16	0.55
Batesville Airway	White		T	.01					T.	2.33				.18	.03			.29	.08	.02		T.		.87			.03						3.84
Batesville River [2]	White									.12	1.06		T.		.13				.07	.37				1.13				.06				T	2.94
Bee Branch	Arkansas									1.30								.60	1.30	.25													3.45
Benton [2]	Saline									.43	.56				.41				.10	.04				.20				1.28	.48			T.	3.50
Bentonville [1]‡	Arkansas		.02						.89			.76	.13	T.				1.10	T				.29		.01		.10						3.30
Big Lake Outlet †[2]	St. Francis						.09				.45								T.	.69		.04		.51			T.						1.78
Black Rock [2]	White			.12							1.35				T.				.95					1.01									3.43
Blytheville [2]	St. Francis						.98				.59				.30				.35			1.38		.62									4.22
Booneville	Arkansas								.63	.30																.18		.03				.12	1.26
Boughton †[2]	Ouachita				.33					.07		.02			.25				.67	.26									.68			T	2.28
Brinkley	White										.11	.03	.67	.41	.04			.02								.04						.19	1.51
Calico Rock [2]	White									.12	.19			.10	.04				.25					.01									0.71
Camden [2]	Ouachita																.45		.64														1.09
Clarendon [2]	White										.03				.22				.02	.07				T.			.02					.04	0.40
Clinton	White		T.				T			2.02				T.				.45	.68								T.				T.	T.	3.15
Conway	Arkansas								.42	2.76						.28		.29	.51									.04			.09		4.39
Corning [2]	White									.18	.30			.52	.17									.65			.07						1.89
Cotter [2]	White									T					.32				.32	T.				T.									0.64
Crossett (near)	Ouachita																	.13		.97				.29							.66		2.05
Danville [2]	Arkansas							T.		.59	1.45				T				.06	.07				T.		T.		.18	T.				2.35
Dardanelle [2]	Arkansas							.02		.68	1.34				.02				.07	.30				T.				.41				.02	2.81
De Queen	Red								.19	.95								T						.34		.04	.24	.63					2.39
Des Arc	White									.12			T.	.50	.08			.09	T.				.05										0.84
Devils Knob †	Arkansas								.10	.53					.51			.06	T					.02		.11							1.33
Dumas	Mississippi			.19						.73				T.	.26			T.	.60							.47		.06				.86	3.17
El Dorado [2]	Ouachita																.56		.35	2.00													2.91
England	Arkansas									.27																						.08	0.35
Eureka Springs	White								.50			1.40	.10		.30			1.90	.32							.03							4.55
Fayetteville	White		T.						.60	T.	T.	T.	T.	.45				.19	T.							.01	T.	T.					1.25
Fayetteville Exp. S	White		T.						.67	T		.02	T.	.04				.09	.01							.02	.04	T.					0.89
Fordyce	Ouachita			.09						.14								*	*	2.50								1.00					3.73
Fort Smith [1]‡	Arkansas		T	T.					.67	.14				T.				T.					.02		.38	T.						T.	1.21
Fort Smith W. †[2]	Arkansas									.58		.54							.96							.06							2.14
Fulton [2]	Red				.18					T.					.07				.92	.13						.07		.75	.02				2.14
Georgetown [2]	White										.50				.75	.10			.60														1.95
Gilbert [2]	White									.18					.30				.55								.22						1.25
Glenwood [2]	Ouachita									.04	1.14									.04				.32		.12		.03				.09	1.78
Grannis	Red								.37	2.29								T.					T.			.10	.06	1.34				T.	4.16
Gravette [2]	Arkansas			.03						.95			1.05					1.49		.05				1.11		.11							4.79
Green Mountain †	White		T.						.06	.26			.29	.01				.40	.04							.02							1.08
Hankins †‡	Ouachita			.20										.55				.10								.23					.40		1.48
Harrison	White								.44	.05			.02	.28	1.10			1.00	T.					.03			.05	T.				.03	3.00
Heber Springs	White							.02		.09	1.39				.49				.17	.08				.04				.49					2.77
Helena [2]	Mississippi										.39				.06				.06	.02				.17	.06								0.76
Higden	White			.06			.33		.08	1.11		T.		.09				.62	.61														2.90
Highland	Ouachita			.48															.44				.01									.28	1.21
High Peak †	Ouachita								1.00	2.60								.33	.15				1.07			.12		.03				.12	5.42
Hope †‡[2]	Red				.10					.06		T			.03				1.77	1.75						.05		.09					3.85
Hot Springs	Ouachita						.03			.82				.06				1.00	.08					1.88				1.10					4.97
Index †[2]	Red				.12														.15														0.27
Irons Fork †‡‡[2]	Ouachita						.01		.04	2.20	.57								.41							.15	.30	.14					3.82
Jessieville	Ouachita								.80	1.55								.40						1.97		.49	.63	.49	.36				6.69
Jonesboro [2]	White			.15						.47	.58				.60	.47				.26				1.38									4.01
Lead Hill	White	T.	T.						.30	T.	T.	T.	T.	.02		T.	T	.69	.07		.01		.01	.55		T.	.33				.04		2.02
Little Rock [1]†	Arkansas						.07		.10	.70								.50	.55				.06			.38	.12	.43			.01		2.92
LittleRock Air'y [1]	Arkansas						.28		.01	.56									.89	.35				.06	T.		.70	T					2.85
Lutherville †	Arkansas								.39	3.24		T		.12				.47	.53								1.05					T.	5.80
Madison [2]	St. Francis												.54						T.	T.				.25			T.						0.79
Magnolia	Red			.16								.03									.51					.57	1.17	.04					2.48
Mammoth Spg [2]	White									1.10	.07		.78	.18	.87			.09		.03				.47		.22							3.81
Marianna	St. Francis							.15				.40			.75			.20	.08	.03													1.61
Marked Tree [2]	St. Francis			.56		.03	.04				.66									T.		.04		1.33									2.66
Mena [2]	Ouachita					T.				2.49	1.35	T.												T.		.07	.12	.94					4.97
Monticello Airway	Ouachita			.08					T.	.01	T.	T			T.			T.	.32	.51						.51					T.	.20	1.63
Monticello (near.) †‡	Ouachita									.10									.10	.20						.95							1.35
Montongo †	Ouachita			.09						.05				.31				.08	.06							.23					.30		1.12
Morrilton [2]	Arkansas							T.		.62	1.16				.18			.14	.81	.21				T.				.03				.02	3.17
Mountainburg	Arkansas								.55	.70	.33							.92	.02							.07							2.59
Mountain Home	White								T.	.16			.70	.23				.35	.04		.04					T.							1.52
Mountain Valley	Ouachita						T.		.12	1.10								.96	.41					.92		.30		.16				.03	4.00
Mount Ida	Ouachita								.82	4.32								.22	.24				.72			.28		.12				.17	6.84
Mulberry	Arkansas																																....
Newport [2]	White						.01			.27	1.46				.20				.02	.06				.01			.55					.01	2.59
Oden	Ouachita								1.14	2.83								.08					.04		.63		.35			.12			5.19
Okay	Red			1.55										.05				T.	.02					T.		.24		.25				T	2.11
Osceola [2]	Mississippi						.21				.76								.14	.24		.08		.66	T.								2.09
Ozark [2]	Arkansas									.48	.19	.06		.91				T.	.57					1.02		.07		.01					3.31
Paragould	St. Francis									.57		T.		.42	.02			.04	T			.24		.73									1.82

Daily precipitation for August, 1939 [continued]

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot
Parkin [2]	St. Francis						.93						1.90						.26					.23									3.
Pine Bluff [2]	Arkansas				.40						.03								.06	.01				.03								T.	0.
Pine Ridge [2]	Ouachita																																
Plantersville †‡	Ouachita													.02				.07	.10							.02					.15		0.
Pocahontas	White									71				.72	.04									1.37									2.
Portland [2]	Ouachita				.04									.10					02	.08									.02			.65	0.
Prescott [2]	Ouachita				1.30							.05			.24				.92	.99								.01	.12				2.
Rock Springs †	Ouachita				.12									.02					.16	.13							.05						0.
Rogers (near) †	White								.58			.04	.08					.09	.22														1.
Rosebud †	Arkansas						.57		.22	1.12				T.				.15	.55								.23						2.
Ross †‡	Ouachita			.04										.30				.04								.08					.20		0.
Russellville ‡‡	Arkansas								.41	.84								.41	T.									1.50			.03		3.
St. Charles [2]	White									.06					.15				.07	.26	T.						T.					.09	0.
St. Francis [2]	St. Francis						T.			T.	.18			.81	.11	T.				.79		.26		.92									3.
Searcy	White							.62		.93	1.46				.11				.22	.61				.04			.02						4.
Springbank †[2]	Red								T.			T.			.28				.80	.07				T.		T.	T.	.11	.50			T	1
Story [2]	Ouachita									.32	1.65								.12					.45		.82						.12	3.
Stuttgart [2]	Arkansas				.46						T.				.95					.08				.04			.02					.06	1.
Stuttgart ‡‡[2]	Arkansas				.11						.02				.24					.60												.01	0.
Subiaco	Arkansas								.71	1.10		T.	.23					.03	.02				T.	.05		T.	T.	01					2.
Texarkana [2]	Red				.15					T.									.57							.06		.25					1.
Thornburg	Arkansas						T.		.21	2.02								.21	.04					.12			.74				T.	.06	3.
Turnpike †	Arkansas								.61	1.34	.01	T.		.05				.89	.03							.15		.09			T.		3.
Underwood †‡	Ouachita																																
Waldron	Arkansas								.52	1.91	.07																.06	.48	.07			.03	3.
Warren	Ouachita			.72											.10			.55	1.05	.23								.10			.10		2.
Whitecliffs [2]	Red			2.60							.27							.70						.40			.20						4.
White Rock †	Arkansas		T.						.98	.27	.63			.07				.68								.23		.16					3.
Wilson [2]	Mississippi										.70									.35				1.10									2.
Witt Springs	Arkansas																																
Wynne [2]	St. Francis										.45		.50	.29	.60									2.47				.10					4.

Daily temperatures for August, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Alum Fork	Maximum	92	91	93	95	96	95	95	83	83	92	92	97	93	91	92	93	90	86	84	88	89	93	90	91	93	92	92	89	91	93	93
	Minimum	63	65	72	60	66	68	66	71	67	61	71	70	70	65	66	68	61	61	66	63	63	64	63	62	65	66	66	61	63	65	65
Amity	Maximum																				–											
	Minimum																															
Arkadelphia §§	Maximum	94	91	95	95	100	99	98	94	92	99	100	103	102	100	97	99	98	93	90	92	93	95	93	95	97	97	96	92	94	98	91
	Minimum	69	70	73	67	65	70	67	73	72	74	69	70	72	66	69	70	70	65	67	65	66	68	68	66	71	69	67	68	64	66	70
Batesville	Maximum	94	94	94	96	93	97	96	90	82	91	95	98	98	94	94	94	86	87	83	91	88	93	85	95	95	93	89	90	93	97	95
	Minimum	69	76	74	61	67	64	73	76	68	68	72	70	71	66	72	71	70	68	64	65	66	58	64	66	72	67	66	58	59	62	67
Bee Branch	Maximum	91	92	93	94	96	98	95	93	73	90	94	96	97	93	92	92	90	88	83	90	90	90	90	93	95	94	87	88	91	93	91
	Minimum	69	70	71	60	65	64	66	73	68	68	73	70	73	65	71	70	68	66	65	65	65	63	63	65	70	70	68	61	60	64	67
Benton §§	Maximum	90	90	96	94	95	93	93	90	87	93	94	96	96	94	93	95	90	89	88	91	90	94	89	93	97	95	94	89	92	93	93
	Minimum	65	70	71	61	62	64	66	67	69	70	71	69	71	65	65	69	69	65	65	63	67	64	63	64	66	67	66	64	62	62	65
Bentonville ***	Maximum	90	89	89	96	90	98	95	83	80	92	89	93	97	92	89	93	83	81	82	87	84	89	83	89	93	93	90	89	94	99	95
	Minimum	73	74	64	58	61	65	70	67	64	69	70	70	68	65	65	68	65	63	60	61	54	63	62	60	63	70	64	66	66	70	73
Blytheville	Maximum	95	90	93	94	95	92	94	90	85	89	93	97	93	92	90	91	90	91	86	91	87	91	85	92	89	92	84	86	90	92	95
	Minimum	68	73	72	65	70	68	72	72	70	66	69	73	71	68	70	71	71	72	68	68	65	57	65	66	73	68	66	60	62	62	62
Booneville	Maximum	94	102	102	100	102	104	99	92	79	94	96	100	102	99	98	99	96	93	93	98	93	93	99	97	101	97	96	95	100	105	104
	Minimum	71	76	73	59	64	73	75	70	70	69	71	72	72	66	68	68	72	67	65	61	65	69	70	66	69	72	65	69	66	68	72
Brinkley	Maximum	88	87	87	90	90	88	99	89	86	85	85	82	89	85	89	89	89	88	79	86	86	83	84	96	97	95	93	91	93	98	96
	Minimum	69	73	74	62	65				75		72	71	76	73	74	74	74	74	75	75	74	73	74	68	75	65		67	66	71	76
Camden	Maximum	94	95	89	94	97	96	95	94	92	98	99	101	101	98	95	97	97	92	91	92	93	95	90	97	98	97	98	93	95	99	99
	Minimum	70	74	81	69	67	70	70	74	71	69	71	70	72	77	70	70	69	68	68	66	68	68	73	67	72	70	68	66	63	66	71
Conway	Maximum	93	96	99	98	100	99	96	90	83	93	97	99	99	97	94	97	86	90	88	92	89	93	93	96	97	97	95	93	95	96	96
	Minimum	71	72	73	61	66	66	69	74	70	69	74	72	75	66	72	71	69	66	67	65	66	64	69	68	73	69	67	64	61	66	67
Corning	Maximum	100	96	97	98	98	99	99	91	81	94	95	101	96	95	97	96	91	92	85	93	89	94	85	93	91	94	90	90	94	97	97
	Minimum	66	73	69	60	65	65	71	75	67	62	67	66	68	65	68	70	69	67	64	61	57	52	62	61	70	66	62	56	57	59	63
Crossett	Maximum	95	95	90	93	95	97	96	96	93	97	98	97	98	97	98	97	98	99	90	92	94	96	95	95	98	95	95	93	95	100	95
	Minimum	68	70	70	69	64	67	69	72	70	66	74	69	69	67	68	69	68	68	67	64	65	66	70	65	69	69	65	63	56	60	68
Dardanelle	Maximum	92	96	97	97	99	100	95	92	79	93	95	98	99	96	95	97	94	86	88	92	87	91	93	93	95	93	95	91	93	92	96
	Minimum	72	74	75	62	67	69	70	72	68	69	73	73	75	66	70	71	72	66	66	64	66	67	70	67	70	70	65	66	64	67	69
De Queen	Maximum	94	97	95	99	101	98	96	90	89	95	91	99	97	99	99	100	100	98	96	96	95	97	94	98	98	94	94	95	97	100	101
	Minimum	70	71	75	65	65	70	72	76	70	72	70	71	73	69	68	68	71	67	67	65	68	70	66	67	68	69	63	67	67	66	68
Devils Knob	Maximum	82	85	86	86	89	92	87	80	72	84	84	86	91	87	85	89	84	81	79	84	81	84	85	81	91	85	87	85	88	90	90
	Minimum	70	69	69	68	70	73	71	66	64	65	71	72	75	63	71	72	65	66	59	65	58	65	66	67	68	70	64	65	67	70	71
Dumas	Maximum	96	95	94	94	97	100	99	97	92	95	99	89	97	95	95	95	95	94	88	92	91	99	93	96	96	96	95	92	93	99	96
	Minimum	71	73	74	67	64	72	70	74	73	68	73	73	73	68	71	70	72	70	68	65	68	67	72	67	71	69	68	63	59	63	68
El Dorado	Maximum	95	95	90	93	96	96	96	95	94	97	99	98	99	98	97	97	100	93	90	92	92	96	90	95	98	96	97	92	92	99	100
	Minimum	72	75	75	73	70	72	73	76	75	71	73	75	72	70	72	73	75	69	68	70	71	72	75	70	74	72	70	68	66	70	72
England	Maximum	98	96	101	98	98	97	97	98	87	95	100	99									95	97	98	97	98	98	85	90	92	95	99
	Minimum	70	72	70	62	63	65	69	73	69	67	73	70									64	64	72	69	70	66	66	62	56	61	64
Eureka Springs	Maximum	86	89	88	93	90	97	91	87	84	92	90	93	96	92	90	93	85	78	83	87	84	89	85	86	94	91	90	90	94	97	96
	Minimum	73	75	68	61	62	66	75	68	63	67	68	68	70	64	64	68	65	64	59	62	54	62	64	62	67	68	65	63	65	69	72
Fayetteville	Maximum	87	90	89	94	91	97	93	89	76	89	90	93	93	91	90	92	88	81	82	86	85	89	85	87	94	92	90	88	93	97	98
	Minimum	73	75	69	58	63	66	73	68	66	70	73	72	68	65	64	65	67	65	59	59	57	68	64	58	65	70	64	65	69	69	70
Fayetteville Exp. S	Maximum	90	93	93	98	95	99	95	91	77	90	92	96	98	95	93	97	94	87	87	90	89	90	88	89	97	96	93	92	97	100	101
	Minimum	73	77	68	56	63	66	74	68	65	68	73	72	72	65	65	66	68	64	57	59	53	64	63	58	64	70	64	64	67	69	72
Fordyce	Maximum	95	95	95	95	96	96	96	93	92	95	98	99	99	99	98	97					97	93	90	93	95	96	97	98	93	95	95
	Minimum	70	69	75	70	69	70	71	75	73	71	74	74	72	70	72	73					68	71	73	70	71	72	70	67	65	69	72
Fort Smith***	Maximum	95	96	98	100	100	102	99	86	80	95	96	97	100	100	97	99	94	89	90	93	92	94	94	96	97	95	95	95	98	100	102
	Minimum	75	77	75	66	69	75	75	71	70	70	74	76	75	70	73	74	76	72	66	66	67	70	68	66	71	74	67	72	72	73	75
Gilbert§§	Maximum	93	89	92	96	94	98	96	88	86	94	91	98	100	93	94	98	84	85	82	91	82	92	88	93	93	93	89	88	95	97	97
	Minimum	63	62	67	55	60	58	64	70	65	66	67	63	65	63	62	65	65	64	59	60	56	55	63	54	63	62	64	61	60	60	62
Grannis	Maximum	91	95	96	100	101	95	95	86	82	92	93	96	96	95	94	96	96	94	91	93	89	93	94	95	97	93	90	93	95	98	101
	Minimum	67	69	74	65	65	68	68	72	68	68	68	69	71	68	68	68	71	65	65	63	66	68	66	64	65	68	60	65	65	65	66
Gravette§§	Maximum	94	91	95	100	94	103	99	80	86	94	93	95	100	95	92	97	87	83	85	89	87	91	86	90	94	95	92	90	97	101	97
	Minimum	70	76	67	56	60	67	72	67	63	67	70	68	69	66	64	69	65	65	57	59	52	54	60	61	62	66	65	65	66	67	68
Green Mountain	Maximum	90	88	88	92	90	94	92	87	73	88	91	94	94	90	90	92		86	78	87	84	90	85	90	92	90	87	88	91	93	90
	Minimum	71	74	72	65	71	70	73	72	65	65	73	69	72	63	71	72		65	61	64	59	65	62	66	71	68	67	65	66	70	70
Harrison	Maximum	95	90	90	97	90	97	98	87	76	97	95	97	100	92	93	96	85	89	84	90	87	94	87	90	92	95	88	88	92	94	95
	Minimum	69	69	70	58	63	62	69	70	65	67	71	67	66	63	64	68	66	67	65	60	55	59	66	57	69	67	63	61	59	65	68
Helena	Maximum	89	90	91	90	92	92	90	89	90	94	90	95	93	90	90	90	90	86	85	89	85	92	87	91	94	94	91	87	89	92	92
	Minimum	70	72	74	63	65	72	70	72	69	69	73	73	72	69	69	69	68	65	67	61	65	65	66	71	71	66	66	58	57	68	60
Highland	Maximum	92	95	93	93	97	95	96	94	94	95	96	95	98	96	96	98	96	93	94	95	97	93	95	92	97	95	95	95	96	102	99
	Minimum	68	78	72	67	67	71	69	78	68	71	73	95	96	71	68	71	68	64	66	69	61	74	76	68	69	79	68	69	69	68	70
Hope §§ ‡‡	Maximum	89	78	89	89	92	97	95	92	90	95	97	100	99	98	98	100	100	92	94	93	93	95	74	91	96	97	92	94	91	97	95
	Minimum	70	78	73	69	66	67	73	75	73	70	70	72	73	68	68	70	72	67	65	66	66	69	71	71	69	71	68	69	67	65	71

Daily temperatures for August, 1939, continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hot Springs........	Maximum	91	93	95	96	96	98	95	87	83	91	95	98	96	96	95	98	93	90	85	89	90	93	90	96	94	90	96	93	94	92	92	92.9
	Minimum	71	74	75	63	67	70	71	67	67	71	72	71	73	66	70	70	70	66	67	65	69	68	65	68	71	69	64	65	64	67	69	68.5
Irons Fork.....§§‡‡	Maximum	86	94	96	93	100	98	93	79	79	91	88	93	95	92	92	93	90	87	88	89	82	90	91	89	93	89	90	90	94	96	91	90 7
	Minimum	66	72	68	55	59	64	70	71	68	61	71	68	66	63	61	63	65	61	62	61	58	63	64	60	64	63	62	60	59	60	61	63.5
Jonesboro	Maximum	95	93	95	93	94	95	94	89	76	92	93	96	98	90	90	90	88	88	84	90	87	92	83	93	91	92	86	86	90	92	91	90.5
	Minimum	67	74	72	64	67	66	68	73	67	64	69	69	70	67	70	71	71	68	65	64	65	57	62	65	70	68	66	60	61	61	66	66.7
Lead Hill..........	Maximum	91	90	90	95	90	97	97	86	77	95	94	92	101	96	95	97	85	84	82	90	85	92	85	89	94	93	89	87	93	93	92	90.8
	Minimum	66	71	65	54	57	58	63	70	64	67	67	64	64	60	58	64	65	62	59	56	49	55	64	54	65	64	61	56	55	62	61	61.3
Little Rock..***	Maximum	89	91	95	92	94	93	92	87	83	91	93	97	94	92	91	92	87	87	83	89	85	92	88	92	91	93	89	88	90	92	92	90.5
	Minimum	72	74	76	69	70	74	72	73	70	70	77	76	74	70	74	74	68	67	69	69	71	69	70	70	74	70	65	71	66	72	71	71.2
Little Rock........ [Airway]	Maximum	94	97	97	94	97	98	93	91	85	92	98	97	98	94	94	94	92	91	88	91	86	94	91	96	97	94	92	89	90	96	93	93.3
	Minimum	70	72	75	62	68	70	70	75	71	70	75	71	73	68	75	74	69	67	68	66	70	66	69	68	73	68	71	68	61	68	68	69.6
Lutherville........	Maximun.	90	92	92	94	95	98	95	87	78	90	91	93	95	91	91	95	87	85	84	88	85	90	88	89	93	90	90	89	91	90	92	90.3
	Minimum	70	71	73	67	65	68	70	70	67	72	72	72	70	64	69	71	69	66	63	68	69	61	68	66	68	68	65	65	65	67	71	68.1
Magnolia..........	Maximum	94	97	95	97	99	98	97	96	95	99	98	101	100	99	100	101	97	94	94	95	96	96	93	97	99	97	95	94	96	94	95	96.7
	Minimum	71	74	73	71	66	70	73	75	72	72	70	72	73	68	69	70	72	69	70	69	68	70	73	67	69	69	68	67	67	67	72	70.2
Mammoth Spring.	Maximum	95	92	91	98	94	94	97	86	75	91	92	93	96	92	94	94	85	89	82	90	87	92	85	94	90	93	83	87	92	91	94	90.6
	Minimum	66	74	68	56	63	67	66	73	68	66	69	69	68	66	68	70	70	66	62	62	54	54	64	60	70	64	64	55	55	66	68	64.9
Marianna	Maximum	91	92	95	93	92	..	93	89	88	92	94	93	..	94	92	91	89	90	89	..	91	93	90	91	92	92	..	91	91	92	92	91.6
	Minimum	72	74	75	66	69	..	73	75	71	69	73	72	..	70	72	72	71	72	70	..	66	65	70	70	72	68	..	59	58	61	71	69.5
Marked Tree....§§	Maximum	93	92	93	92	93	93	92	91	78	90	94	95	95	94	92	92	92	90	85	90	85	91	89	92	93	93	86	88	90	92	92	90.9
	Minimum	68	73	69	64	67	66	71	73	70	65	70	70	70	67	71	70	70	70	67	63	65	58	62	64	69	66	65	60	61	60	66	66.8
Mena..............	Maximum	91	95	98	99	101	101	98	85	83	93	94	97	96	93	93	93	95	93	91	93	92	95	95	95	98	93	92	92	95	98	98	94.4
	Minimum	70	71	73	61	66	71	72	70	68	69	69	75	70	68	67	68	68	70	64	64	65	67	67	66	66	69	63	66	64	68	70	67.9
Monticello.	Maximum	92	93	91	92	94	96	95	95	92	95	99	96	99	94	96	95	96	92	89	92	92	95	90	94	98	94	95	90	92	98	92	94.0
	Minimum	70	73	73	70	68	72	71	73	72	70	73	74	74	69	71	72	72	69	67	66	69	70	72	68	71	71	69	68	63	66	70	70.2
Morrilton ....§§	Maximum	93	95	97	96	98	99	95	84	79	92	94	96	96	94	94	95	80	86	91	90	85	93	91	92	94	93	91	90	91	90	93	91.8
	Minimum	71	73	73	58	65	65	70	75	70	69	71	73	74	65	69	71	71	65	61	65	62	65	67	67	70	68	66	64	62	65	68	67.7
Mountain Home...	Maximum	97	91	92	98	90	98	99	85	86	95	97	99	99	93	93	95	82	85	80	90	88	95	95	95	94	94	90	92	95	95	95	92.6
	Minimum	67	74	72	57	65	61	67	74	66	67	70	68	68	63	66	69	68	64	62	60	53	58	58	58	67	68	65	56	57	62	69	64.5
Mt. Ida............	Maximum	91	96	99	97	103	99	95	85	83	93	94	98	98	95	94	98	97	82	90	94	91	93	90	92	95	91	94	91	95	97	96	94.0
	Minimum	71	72	73	57	60	70	75	72	68	66	69	69	70	65	64	66	67	63	67	61	63	64	62	64	66	65	64	66	66	66	65	66.3
Newport...........	Maximum	94	94	95	95	94	97	94	90	82	91	95	96	97	95	94	94	87	87	85	91	87	92	87	95	95	91	90	89	90	94	95	92.0
	Minimum	69	75	72	61	67	65	71	75	69	62	72	71	73	68	73	72	72	68	66	64	67	60	65	66	71	67	68	58	60	63	71	67.8
Oden......... ..***	Maximum	82	95	97	96	90	89	94	82	85	92	92	95	96	94	95	95	93	90	88	92	90	93	93	92	94	85	92	89	92	94	89	91.5
	Minimum	69	73	72	62	67	66	68	71	68	69	70	69	70	70	66	67	66	65	68	68	65	67	67	65	66	67	64	67	64	64	64	67.2
Okay	Maximum	95	97	96	92	99	99	..	..	92	97	96	101	98	101	101	100	102	97	98	96	94	97	94	97	98	98	95	95	97	102	101	97.4
	Minimum	70	72	72	68	66	71	72	75	72	72	70	70	74	68	65	69	72	65	68	65	70	69	68	68	75	68	68	68	67	67	68	69.4
Ozark.............	Maximum	92	99	99	97	100	100	100	97	92	94	94	96	99	98	93	90	93	86	88	92	89	91	93	89	89	92	93	94	98	102	100	94.5
	Minimum	72	71	72	62	64	69	69	70	68	69	72	72	71	66	68	70	67	68	62	62	63	70	67	66	67	73	63	66	66	67	73	67.9
Paragould....... .	Maximum	93	92	92	92	91	93	92	87	80	87	90	93	93	91	90	90	88	85	83	89	83	90	83	89	89	91	84	85	87	89	90	88.7
	Minimum	66	71	71	63	66	65	69	72	69	64	68	68	69	68	71	71	70	69	66	62	64	53	63	64	69	66	65	60	62	59	63	66.0
Pine Bluff.........	Maximum	92	93	91	90	93	93	93	90	86	92	97	99	98	94	94	94	91	91	87	91	89	95	93	95	97	98	96	91	91	98	97	93.2
	Minimum	73	75	73	68	70	73	74	76	73	71	76	74	76	71	75	75	74	69	68	68	72	70	71	71	74	73	72	69	64	69	73	71.9
Pocahontas	Maximum	95	92	93	94	93	95	94	91	84	91	94	96	97	95	95	95	93	89	82	93	88	90	87	91	94	94	88	88	90	93	92	91.8
	Minimum	61	74	73	60	61	65	70	74	67	64	69	67	69	67	71	71	70	67	63	61	60	53	62	63	71	67	65	62	61	59	66	65.6
Portland	Maximum	87	92	88	89	91	94	93	94	92	94	95	95	95	94	94	93	96	91	88	91	91	95	93	93	95	95	95	90	91	95	90	92.5
	Minimum	67	69	71	66	65	67	67	71	69	66	70	69	72	67	69	71	69	69	67	63	64	65	69	64	68	64	65	63	58	58	66	66.7
Prescott...........	Maximum	95	97	95	93	100	100	99	95	91	95	98	100	99	98	96	100	100	94	92	93	92	96	94	96	97	97	95	92	95	99	97	96.1
	Minimum	72	75	76	69	68	73	74	76	74	71	72	72	73	69	71	73	73	68	67	68	71	69	73	69	72	70	69	69	66	69	72	71.1
Rogers	Maximum	89	90	90	98	91	99	96	90	81	92	91	94	98	93	91	96	89	82	84	90	87	92	88	89	97	96	93	91	98	100	101	92.1
	Minimum	69	75	68	57	60	63	73	68	64	68	70	68	66	65	63	66	68	64	58	59	53	58	63	55	63	70	64	65	65	65	67	64.5
Russellville......‡‡	Maximum	94	95	96	97	94	101	96	95	80	92	94	97	99	94	96	97	92	90	90	93	90	93	94	93	96	94	94	92	95	92	96	93.9
	Minimum	70	66	72	61	64	67	69	73	69	69	72	71	73	65	69	71	71	66	66	63	64	65	69	64	68	67	62	66	64	66	69	67.5
St. Charles ......§§	Maximum	93	95	95	94	94	97	93	92	92	93	95	97	97	95	94	95	92	93	87	91	87	93	91	95	94	94	95	91	93	93	92	93.3
	Minimum	72	74	75	66	67	72	73	75	72	70	73	73	74	69	73	72	72	70	70	67	70	67	70	67	71	68	69	60	62	64	69	69.9
Searcy	Maximum	92	94	94	95	94	97	92	86	80	93	96	98	97	95	94	95	88	91	87	90	87	94	89	95	96	93	91	91	92	98	97	92.6
	Minimum	70	73	73	62	66	67	69	74	69	69	74	72	74	67	74	72	72	67	68	65	70	63	66	68	72	68	69	62	59	64	70	68.6
Stuttgart	Maximum	92	95	96	92	93	94	93	90	87	93	98	98	98	93	93	93	91	90	88	91	88	95	94	96	98	98	94	90	91	97	93	93.3
	Minimum	69	70	72	63	66	69	74	71	68	66	71	69	72	68	74	74	70	73	72	73	74	72	68	72	69	67	73	72	60	62	67	69.7
Stuttgart . ....‡‡§§	Maximum	91	92	93	92	92	93	92	90	87	94	96	98	97	93	92	92	90	90	86	89	87	93	92	94	96	94	93	90	90	96	92	92.1
	Minimum	71	73	75	66	69	72	71	74	70	68	71	72	73	70	74	73	72	70	69	67	70	67	70	69	72	70	69	62	59	63	71	69.7
Subiaco............	Maximum	93	98	97	99	99	102	99	89	81	93	94	98	99	97	96	98	93	89	88	93	90	94	95	95	102	96	97	95	99	103	101	95.5
	Minimum	70	74	74	61	66	68	71	68	67	67	70	69	70	64	67	68	71	65	64	62	63	65	67	63	68	69	62	65	64	65	67	66.9
Texarkana	Maximum	98	100	94	97	105	103	100	97	94	100	104	105	101	102	101	102	107	94	97	98	96	100	95	102	101	100	97	96	99	103	107	99.8
	Minimum	72	73	75	72	72	72	72	72	71	73	72	72	74	73	72	72	73	68	70	70	70	71	70	70	69	72	68	70	70	71	72	71.4
Thornburg	Maximum	92	92	94	94	98	96	93	85	82	91	92	96	96	93	93	95	87	87	85	90	88	93	92	93	95	93	93	90	93	91	96	91.9
	Minimum	68	74	72	55	61	62	70	70	68	65	69	70	69	61	65	65	63	60	63	60	60	63	64	61	66	63	62	60	68	62	64	64.6
Turnpike..........	Maximum	83	84	84	88	88	93	88	81	72	84	85	87	91	81	87	89	80	81	75	81	79	81	80	86	88	85	85	84	86	86	86	84.1
	Minimum	70	70	71	61	71	71	71	67	64	65	71	72	74	69	64	71	55	55	61	70	58	66	68	65	65	69	62	64	65	69	70	66.6
Waldron	Maximum	93	100	102	100	105	..	103	94	88	95	95	98	..	100	96	98	..	95	91	95	93	94	97	95	100	93	93	95	98	101	98	96.6
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Warren	Maximum	92	93	90	91	93	94	93	92	90	94	97	97	98	95	95	96	96	90	88	90	91	95	89	94	97	96	96	91	92	95	96	93.4
	Minimum	71	73	72	69	69	72	72	72	72	69	72	73	73	68	72	71	70	68	66	65	68	69	73	68	73	71	69	65	60	66	70	69.7
White Rock	Maximum	85	88	89	90	91	93	91	91	73	84	85	89	91	91	87	89	85	81	81	86	81	84	85	83	93	86	86	86	92	96	96	87.4
	Minimum	70	70	72	67	68	73	70	65	63	66	70	72	75	68	72	71	63	66	60	66	59	67	66	68	68	69	67	66	68	70	72	68.0
Wilson	Maximum	90	90	91	90	91	95	94	90	86	88	93	95	94	92	94	90	92	90	81	90	90	92	88	90	90	88	86	92	85	91	92	90.3
	Minimum	70	68	70	69	70	72	71	74	71	66	70	71	71	68	70	70	69	71	68	68	63	57	64	68	67	70	68	60	61	65	64	67.9
Wynne	Maximum	94	93	95	95	95	97	95	90	84	92	91	95	95	94	91	91	89	91	87	91	85	94	91	93	94	94	87	87	90	93	93	91.8
	Minimum	69	71	72	60	67	68	70	73	69	65	70	69	72	67	70	69	70	70	66	62	65	62	63	65	70	66	67	56	57	60	69	66.7

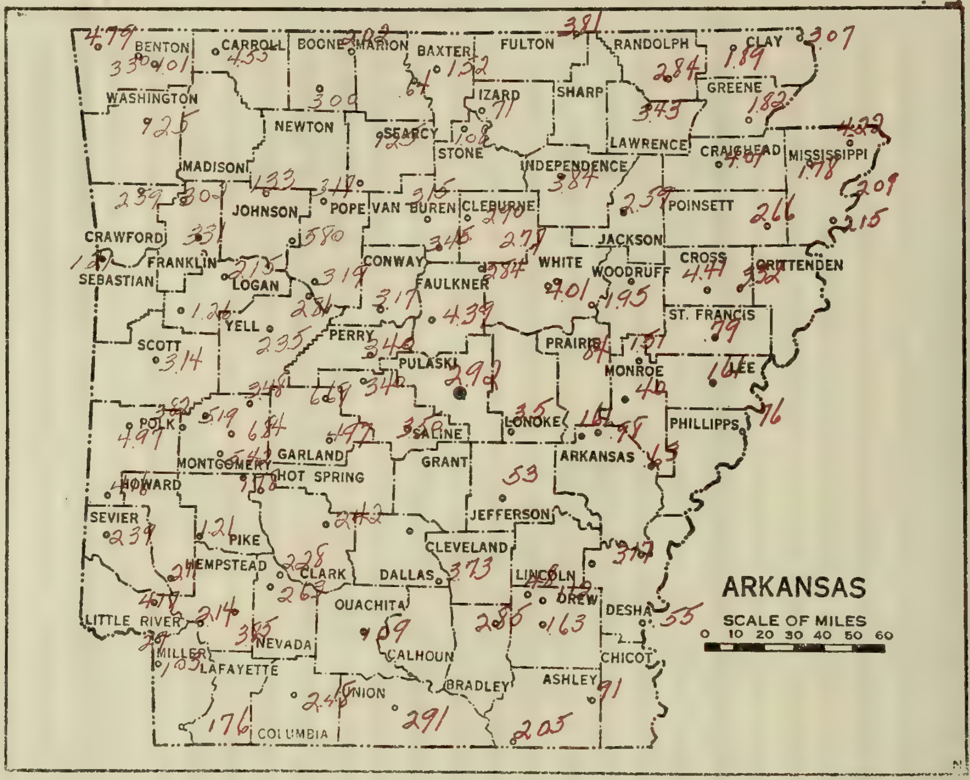
Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for August, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope........§§ Exp. Farm	Evap.	.288	.254	.238	.294	.294	.490	.217	.249	.193	.152	187	.280	.320	.224	.338	.281	.312	.496	.679	.322	.152	.232	.301	.202	.257	.265	.201	.280	.248	.362	.199	8.807
	Mean tem.	80	78	81	79	79	82	84	84	82	82	84	86	86	84	83	85	86	80	80	80	80	82	81	82	84	80	82	79	81	83	83	81.8
	Wind move	25	46	56	51	13	56	23	58	40	20	32	22	16	25	30	35	14	40	36	30	5	29	26	31	18	15	21	32	21	15	23	899
Irons Fork... §§ Exp. Forest	Evap.	.173	.164	.230	.167	.273	.248	.176	.366	.213	.056	.147	.252	.218	.181	.186	.187	.155	.130	.139	.211	.210	.170	.133	.162	.117	.210	.113	.114	.226	.176	.150	5.653
	Mean tem.	76	83	82	74	80	81	82	75	74	76	80	80	80	78	76	78	78	74	75	75	70	76	78	74	78	76	76	75	76	78	76	77.1
	Wind move	16	18	18	11	6	9	19	32	1	13	10	9	5	2	4	2	7	3	6	3	4	7	9	4	6	3	4	5	6	3	3	243
Russellville.... Ozark Nursery.	Evap.	.274	.284	.280	.206	.326	.178	.388	.260	.064	.072	.278	.270	258	.280	.242	.296	.278	.152	.256	.236	.236	.216	.252	.230	.214	.220	.346	.198	.246	.176	.196	7.408
	Mean tem.	82	80	84	79	79	84	82	84	74	80	83	84	86	80	82	84	82	78	78	78	77	79	82	78	82	80	78	79	80	79	82	80.7
	Wind move	16	32	36	9	19	28	15	31	8	13	15	8	12	31	17	9	15	9	24	13	2	23	34	21	28	17	34	3	22	5	11	560
Stuttgart. ...§§ Rice Exp. Farm	Evap.	.217	246	.269	.204	.203	.217	.186	.287	.181	.098	.203	252	.213	.229	.218	.229	.232	.230	.156	.134	.198	.192	.214	.209	.190	.175	.198	.207	.209	.192	.176	6.364
	Mean tem.	81	82	84	79	80	82	82	82	78	81	84	85	85	82	83	82	81	80	78	78	78	80	81	82	84	82	81	76	74	80	82	80.9
	Wind move	33	65	95	49	18	66	57	110	64	27	20	40	24	40	34	40	30	39	46	20	29	28	62	54	25	27	31	33	25	26	40	1297

Corrections:--Georgetown, river stage Nov. 7, 1938 should be 1.5. Camden, river stage June 1, 1938, 7.0. Doniphan, river stage Oct. 28, 29, 1938, 2.3. Front page, this issue: storm table, heavy hail, Lutherville: killed 0. General Summary: average precipitation should be 2.53 inches, departure +1.00.

Precipitation for August, 1939



Daily River Stages for August, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	..Arkansas	22	5.0	5.0	....	....	....	....	....	....	....	5.4	6.7	6.4	6.1	5.8	....	....	5.6	5.4	5.8	5.9	5.6	5.3	5.3	6.8	7.0	6.8	6.4	6.2	6.3	6.1
Van Buren	......do	22	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.5	4.3	5.1	5.6	5.0	4.8	4.6	4.3	4.5	4.3	4.6	4.8	4.6	4.2	4.2	5.7	5.8	5.7	5.4	5.2	5.2	5.2
Mulberry		..	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
Danville	.Petit Jean.	20	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.2	2.3	4.0	3.2	2.9	2.6	2.5	2.4	2.3	2.2	2.2	3.0	2.7	2.5	2.3	2.3	2.2	2.2	2.1	2.8	2.7	2.4	2.3
Ozark	..Arkansas.	22	0.1	0.0	0.0	-0.1	-0.1	-0.3	-0.4	-0.5	-0.5	-0.5	0.3	1.2	1.1	0.7	0.5	0.3	0.2	0.2	0.2	0.4	0.5	0.3	0.0	0.2	0.4	0.4	1.4	1.1	0.9	1.1
Dardanelle	......do	22	2.7	2.5	2.4	2.4	2.2	2.1	2.0	1.9	1.9	2.5	1.9	2.6	4.0	4.2	3.6	3.2	2.9	2.8	2.8	2.7	3.1	3.2	3.0	2.6	2.8	4.2	4.5	4.3	3.9	3.6
Morrilton	.... .do	20	-1.6	-1.8	-1.9	-2.0	-2.1	-2.1	-2.4	-2.5	-2.5	-2.3	-1.0	-2.0	-1.4	-0.4	-0.5	-1.0	-1.4	-1.6	-1.7	-1.7	-1.8	-1.4	-1.3	-1.7	-1.9	-1.4	-0.2	-0.1	-0.4	-0.7
Little Rock	......do	23	0.4	0.4	0.2	0.1	0.0	-0.1	-0.2	-0.3	-0.3	0.0	0.1	0.2	-0.1	0.2	1.1	1.1	0.8	0.7	0.3	0.1	0.2	0.2	0.4	0.5	0.3	0.1	0.4	1.1	1.2	1.0
Pine Bluff	......do .. .	25	4.2	4.0	3.9	3.8	3.6	3.6	3.5	3.4	3.4	3.4	3.5	3.5	3.6	3.7	3.7	4.5	4.5	4.3	4.3	4.1	3.9	3.7	3.7	3.9	3.9	3.8	3.5	3.9	4.5	4.7
Gilbert	..Buffalo...	30	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.3	3.3	3.2	3.2	3.4	3.3	3.3	3.2	3.1	3.1	3.0	3.0	3.0	3.1	3.1	3.0	2.9
Doniphan, Mo.	..Current ..	10	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.3	2.5	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4	3.0	3.7	3.6	3.5	3.4	3.3	3.2	3.1
Black Rock	...Black...	14	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.5	2.2	2.1	2.1	2.8	3.4	3.0	2.6	2.5	2.4	2.4	2.3	2.3	2.3	3.2	2.8	2.6	2.5	2.4	2.4	2.3
Heber Springs	Little Red...	30	3.2	3.0	2.8	2.6	2.5	2.4	2.3	2.3	2.3	2.7	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.2	2.3	2.4	2.4	2.3	2.2	2.1	2.1	2.1	2.0	2.0	1.9
OzarkBeachMo	...White ...	30	0.4	0.2	0.8	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.6	-0.6	-0.6	-0.6	-0.6
Cotter	......do	21	3.7	3.7	3.7	3.7	3.5	3.5	3.2	3.2	3.2	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Calico Rock	......do	18	1.4	1.3	0.9	0.9	0.9	0.7	0.4	0.4	0.6	0.5	0.4	0.4	0.4	0.7	0.6	0.5	0.5	0.5	0.7	0.5	0.5	0.5	0.4	0.7	0.7	0.5	0.6	0.5	0.6	0.4
Batesville	......do	23	6.5	6.2	6.1	5.7	5.7	5.6	5.5	5.4	5.3	5.6	5.5	5.3	5.2	5.5	5.5	5.5	5.3	5.3	5.5	5.5	5.4	5.3	5.3	5.2	5.5	5.6	5.4	5.3	5.3	5.4
Newport	......do	26	2.2	2.2	2.0	1.9	1.7	1.6	1.6	1.3	1.2	1.2	1.5	1.4	1.0	1.0	1.4	1.8	1.8	1.5	1.4	1.4	1.4	1.2	1.1	1.1	1.3	1.6	1.6	1.3	1.2	1.1
Georgetown	......do	21	3.9	3.8	3.8	3.8	3.7	3.4	3.1	2.9	2.8	3.1	2.9	2.7	2.6	2.5	2.4	2.4	2.8	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.4	2.6	2.5	2.4
Des Arc	......do	24	6.8	6.7	6.4	6.4	6.3	6.1	5.9	5.7	5.5	5.6	5.6	5.6	5.7	5.7	5.4	5.0	5.2	5.4	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.9	4.9	5.0	5.0	5.0
Clarendon	......do	26	11.3	11.0	10.8	10.7	10.5	10.4	10.2	10.0	9.7	9.6	9.6	9.5	9.5	9.6	9.5	9.4	9.2	9.1	9.2	9.3	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.7	8.9	8.9
St. Charles	......do	25	11.6	11.4	11.2	11.0	10.9	10.7	10.6	10.4	10.2	10.0	9.9	9.9	9.8	9.8	9.9	9.8	9.6	9.5	9.5	9.6	9.6	9.6	9.5	9.4	9.3	9.2	9.2	9.1	9.1	9.2
Glenwood	.Ouachita...	..	5.2	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.2	6.0	5.4	5.3	5.2	5.2	5.2	5.2	5.1	5.2	5.1	5.2	5.2	5.2	5.6	5.3	5.3	5.2	5.3	5.3	5.2	5.2
Arkadelphia	.Ouachita..	17	3.8	3.9	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.7	4.9	7.0	6.5	6.0	6.1	5.1	5.3	4.8	4.6	4.6	4.2	3.8	4.6	6.0	4.6	4.6	4.7	4.2	4.0	4.6
Boughton	Little Mo...	20	3.5	3.5	3.4	3.4	3.3	3.2	3.3	3.2	3.2	3.2	3.2	3.1	3.6	3.8	3.5	3.4	3.4	3.4	3.4	3.7	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.1
Camden	.Ouachita ..	26	4.5	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.9	3.8	4.8	4.0	5.3	6.2	6.0	5.0	5.3	5.0	5.2	5.0	4.6	4.1	4.1	4.1	4.5	4.7	4.6	4.5	4.3	4.0
Benton	Saline	20	4.4	4.1	3.9	3.7	3.6	3.5	3.4	3.3	3.3	3.4	3.4	3.6	3.9	3.9	3.8	3.7	3.5	3.5	3.4	3.7	3.7	3.7	3.6	3.5	3.9	4.1	4.1	4.0	4.7	4.3
Whitecliffs	Little River	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	2.7	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Index	....Red.....	25	7.5	7.4	7.4	7.4	7.4	7.3	7.2	7.2	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	7.5	8.5	8.1	8.1	8.0	8.0	8.0	7.5	7.6	7.5	7.4
Fulton	.... ..do.....	25	3.8	3.7	3.6	3.6	3.6	3.6	3.5	3.4	3.3	3.3	3.3	3.8	4.5	4.4	4.1	4.0	4.5	5.7	6.5	6.5	6.1	5.6	5.2	4.9	4.7	4.6	4.7	4.7	4.8	5.1
Big Lake Outl't	St. Francis.	10	4.4	4.3	4.2	4.2	4.1	4.2	4.2	4.1	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.7	3.8	3.8	3.7	3.6	3.5	3.4	3.5	3.5	3.5	3.5	3.4	3.3
St. Francis	.... do	18	6.8	6.0	5.5	5.3	5.1	5.8	4.7	4.6	4.3	4.1	3.9	3.9	4.5	5.0	4.3	4.5	4.8	4.6	5.0	5.3	5.5	4.6	4.4	4.4	4.8	5.9	7.7	7.6	7.7	7.7
St. Francis L.L.	......do	..	17.8	17.7	17.7	17.8	18.4	18.3	18.3	18.1	18.3	18.7	18.8	18.8	18.5	17.9	17.4	16.9	17.2	17.3	17.3	17.4	17.5	17.4	17.0	16.5	16.9	16.9	16.8	16.8	16.7	16.3
Marked Tree	......do .. .	17	5.4	5.3	5.2	5.2	4.3	5.1	5.4	5.3	4.5	4.2	4.2	4.2	5.0	5.0	5.0	4.7	4.0	3.8	3.7	3.7	3.7	3.7	4.5	4.3	3.6	3.6	3.6	3.6	4.0	3.5
Parkin	......do	28	5.3	5.2	5.1	5.0	4.9	4.6	4.8	5.0	5.0	4.8	4.4	4.4	4.3	4.6	4.9	4.8	4.6	4.1	3.9	3.8	3.8	3.8	3.8	3.9	4.3	3.9	3.7	3.5	3.6	3.7
Madison	.... do	32	3.9	3.8	3.7	3.7	3.5	3.4	3.3	3.3	3.4	3.4	3.2	3.7	3.2	3.0	3.1	3.3	3.2	3.0	2.8	2.6	2.4	2.4	2.4	2.4	2.7	2.8	2.5	2.5	2.3	2.2
Helena	**Mississippi** .	42	13.8	13.7	13.7	13.7	13.4	13.0	12.9	13.0	13.3	13.1	12.0	10.8	10.0	9.8	9.9	10.0	10.2	11.3	12.4	12.7	12.3	11.3	11.3	12.7	13.7	13.7	12.7	11.3	10.4	10.1
Arkansas City	......do	42	10.7	10.8	10.8	10.8	10.6	10.4	10.2	10.0	10.0	10.2	10.2	9.8	8.9	8.4	8.0	7.9	7.9	8.0	8.6	9.3	9.6	9.7	9.1	8.9	9.4	10.1	10.8	10.0	9.2	8.5

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations havi or more years of record. **Departures** of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year per for **stations** with 10 to 14 **years** the means are for the period to 1935, inclusive §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †P office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation corded is for the 24 hours ending at time of observation. [1] Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Preci tation is measured in the morning; amount then recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measu ment. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manil Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5,Texarkana; Irons Fork, Irons F Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Ca Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mt., Norman, Mulberry, R 1, Mulber

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated ***Midnight to midnight. §§Th mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station.

Weather Bureau Office, Little Rock, Ark. 10-20-39-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

O. D. NEUMANN

Vol. XLIV   Little Rock, Ark., September, 1939   No. 9

GENERAL SUMMARY

The mean temperature for the State, based on the records of 0 stations, was 79.9°, which is 5.4° above the 49-year averge. This was the second warmest September on record, the ecord being 80.5° in 1925. Monthly means ranged from 6.0° at Paragould to 83.4° at Fort Smith. Maximum temeratures were high most of the month, the highest recorded eing 112° at Booneville on the 4th. The record for Septemer is 113° recorded at Helena on the 6th, 1925. The lowest emperature during the month was 35°, recorded at Lead Hill n the 30th. The greatest daily range was 52° at Corning on ne 23d.

The average precipitation, as determined from the records of 8 stations, was 1.77 inches, which is 1.57 inches below the -year average. Monthly amounts ranged from 0.11 inch at rannis to 5.43 at Lutherville. The greatest amount recorded any 24-hour period was 5.43 inches at Lutherville on the th.

The weather was favorable for cotton during the month due the high temperatures and very little rainfall. The bolls ened rapidly in most portions, and at the close of the month e crop was 50% to 90% picked, except in the northeastern rtion. The weather was very favorable for the harvesting of rly corn and rice, but unfavorable for late corn, meadows, stures. potatoes, truck and gardens. Water for stock was ported scarce in most western and some northern counties e latter part of the month.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

tation	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
ntonville	29.95	30.26	30	29.64	29	5.9	15	sw	23	..	..	.	88
t Smith	29.98	30.26	30	29.73	29	6.9	26	ne.	17	68	34	34	81
tle Rock	29.96	30.23	19	29.72	26	6.8	23	s.	29	86	44	55	85
mphis	29.98	30.34	19	29.87	26	7.0	27	nw.	29	86	48	57	74

Miscellaneous Phenomena

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	2	.	.	.	.	.	.	1	.	4	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	13	1	.
Moderate Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	.
Thunderstorm	3	.	.	.	1	.	1	.	.	14	.	.	.	.	13	8	22	2	1	.	.	.	.	.	.	.	1	16	41	4	.

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	73.4	102	40	0.94	0	2	22	6	2
1892	70.8	96	32	2.14	0	3	23	4	3
1893	74.0	103	36	3.75	0	5	19	5	6
1894	73.1	100	38	3.56	0	6	14	8	8
1895	77.1	105	32	1.36	0	4	19	7	4
1896	73.3	106	35	3.25	0	10	11	9	10
1897	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899	71.9	109	28	1.21	0	3	20	7	3
1900	78.0	104	48	4.25	0	7	12	12	6
1901	72.6	101	32	3.08	0	4	18	8	4
1902	68.4	99	30	5.06	0	8	15	8	7
1903	70.7	102	34	2.47	0	5	18	7	5
1904	75.4	101	37	2.46	0	5	15	9	8
1905	74.2	100	44	3.90	0	8	16	7	7
1906	75.7	100	47	6.24	0	10	11	9	10
1907	73.9	106	38	2.22	0	4	19	8	3
1908	73.4	101	29	4.00	0	7	13	8	9
1909	74.7	108	31	2.84	0	5	18	7	5
1910	76.4	101	44	2.41	0	5	18	8	4
1911	79.0	102	46	3.67	0	6	18	9	3
1912	78.5	106	32	2.40	0	4	18	8	4
1913	71.7	108	33	10.10	0	13	9	9	12
1914	74.4	101	38	3.19	0	5	16	9	5
1915	74.9	100	34	1.43	0	3	16	8	6
1916	72.5	102	30	3.40	0	6	19	6	5
1917	71.8	99	37	1.76	0	4	18	7	5
1918	67.3	104	29	4.63	0	7	16	5	9
1919	74.6	108	40	2.72	0	4	15	8	7
1920	74.9	100	30	3.56	0	6	17	6	7
1921	79.6	104	35	3.38	0	6	14	9	7
1922	76.2	106	37	1.25	0	3	22	5	3
1923	73.0	98	45	5.56	0	9	12	7	11
1924	69.7	103	29	3.99	0	7	17	5	8
1925	80.5	113	47	5.96	0	7	16	7	7
1926	76.8	101	40	3.99	0	7	14	8	8
1927	75.9	105	32	3.37	0	6	16	8	6
1928	70.5	101	32	0.45	0	1	22	5	3
1929	73.4	102	41	2.46	0	5	15	8	7
1930	75.7	106	35	4.10	0	8	15	8	7
1931	78.4	102	34	1.00	0	3	22	7	1
1932	73.8	103	35	2.54	0	6	12	10	8
1933	78.5	102	41	5.10	0	8	15	8	7
1934	71.3	100	37	5.46	0	8	15	7	8
1935	72.4	103	35	3.13	0	5	18	5	7
1936	73.9	109	38	4.15	0	7	12	10	8
1937	72.7	102	34	4.27	0	7	16	8	6
1938	75.7	107	32	1.55	0	4	17	10	3
1939	79.9	112	35	1.77	0	2	22	6	2
Period	74.5	113	28	3.34	0	5	17	7	6

Storms in September

Nature of storm	County	Location	Date	Time	Dir. moved	Length of path miles	Width of path yards	Killed	Injured	Damage	Remarks
gh Winds ght Hail	Washington	Fayetteville	28 29	10.45 p m.	....	....	....	0	0	$	Slight property damage.
understorm	Washington	Farmington (near)	29	a. m.	SW	....	....	0	0	2000	Lightning struck a barn filled with grain.
understorm	Independence	Cushman (near)	29	a m.	....	....	....	0	0	30	Lightning struck a barn and killed two hogs.
understorm	Jefferson	Pine Bluff (near)	29	4:00 p. m.	....	....	....	0	0	200	Lightning killed four 5-year old hogs, damaged a barn.
understorm	Lonoke	Carlisle (12 mi Sof)	29	5:00 p. m.	....	....	....	1	1	....	Lightning killed youth, age 22, and rendered his stepfather unconscious for 30 minutes.
understorm	Ouachita	Camden	29	6:00 p. m.	....	....	....	0	0	500	Lightning struck a stave mill.
gh Winds	Ouachita	Camden	29	6:00 p. m.	....	....	....	0	0	1000	Building unroofed, several plate glass windows broken and a number of shade trees blown over.
understorm	Union	El Dorado	29	p. m.	....	....	....	0	0	1000	Lightning damaged Ark. P. and L. property.
understorm	Clay	Piggott (3 mi. E of)	29	p m.	....	....	....	0	0	800	Lightning killed four mules and a cow.
understorm	Pulaski	Scott (near)	29	p m.	....	....	....	0	0	600	Lightning killed three mules

Climatological Data for September, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	3	79.8	...	101	4	55	22§	40	0.83	...	0.75	0	2	20	9	1	e.	L. R. Water Works
Amity	Clark	500	44	...	...	...	...	...	...	...	...	...	...	.	..	..	..	..	...	J. W. Campbell
Arkadelphia	Clark	200	44	80.5	...	106	4	54	21§	43	1.16	−2.18	0.98	0	4	24	4	2	ne.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	55	...	...	...	...	...	...	...	2.06	−0.89	1.62	0	4	18	7	5	...	Herbert Neff
Batesville Airway	Independence	363	3	81.0	+ 8.4	105	8	49	23	47	1.10	...	1.05	0	3	25	4	1	se.	Airway Observer
Batesville	Independence	277	40	...	...	...	...	...	...	...	1.39	−2.36	0.65	0	3	25	3	2	...	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	79.6	+ 5.4	104	4	49	30	43	2.00	−1.20	1.60	0	2	23	3	4	w.	J. E. Scanlan
Benton	Saline	285	4	77.9	...	103	4	52	21§	46	2.79	...	1.66	0	6	24	3	3	ne.	S. A. Burks
Bentonville	Benton	1295	34	78.2	+ 7.4	103	3	38	30	38	0.52	−3.16	0.52	0	1	24	4	2	s.	U. S. Weather Bureau
Big Lake Outlet †	Mississippi	239	9	...	...	...	...	...	...	...	1.84	...	1.50	0	2	27	1	2	...	C. J. Brooks
Black Rock	Lawrence	259	38	.	...	...	...	...	...	...	1.03	−2.92	0.82	0	2	28	0	2	s.	Vernon C. Howe
Blytheville	Mississippi	252	14	79.2	+ 4.8	103	8§	48	23	47	1.62	−1.83	1.36	0	2	27	1	2	s.	Samuel Norris
Booneville	Logan	465	25	82.4	+ 6.8	112	4	44	30	45	0.65	−2.38	0.58	0	2	18	11	1	s	F. H. Randolph
Boughton †	Clark	235	4	...	...	...	...	...	...	...	1.16	...	0.90	0	2	24	4	2	...	Harry J. Buie
Brinkley	Monroe	205	48	...	...	103	4§	...		...	3.93	−0.05	2.80	0	3	25	3	2	ne.	R. J. Torry
Calico Rock	Izard	361	35	...	...	...	...	...	...	...	1.50	−1.87	0.80	0	3	23	4	3	...	William Jones
Camden	Ouachita	116	54	81.1^a	+ 5.6	104^a	5	55^a	23§	43^a	1.51	−1.70	1.03	0	3	18^a	5^a	6^a	...	J. M. Knight
Clarendon	Monroe	172	35	...	...	...	...	...	...	...	2.64	−0.80	1.81	0	4	21	4	5	n.	R. M. Wheatley
Clinton	Van Buren	516	18	...	...	...	...	...	...	...	1.56	−2.12	1.56	0	1	24	5	1	se.	A. L. Stephens
Conway	Faulkner	309	56	82.2	+ 6.9	110	4	53	30	44	1.76	−1.71	1.24	0	2	25	4	1	s.	E. E. Cordrey
Corning	Clay	293	46	79.0	+ 6.4	106	7§	43	23	52	3.32	−0.32	3.27	0	2	27	1	2	s.	Winfred D. Polk
Cotter	Baxter	440	12	...	...	...	...	...	...	...	0.42	−2.99	0.42	0	1	28	1	1	...	O. B. McSpadden
Crossett	Ashley	175	27	80.4	+ 4.9	101	4§	52	24§	40	5.17	+2.55	3.33	0	5	17	10	3	s.	U. S. Forest Service
Danville	Yell	327	23	...	...	...	...	...	...	...	1.92	−1.47	1.10	0	3	21	8	1	...	J. M. Patterson
Dardanelle	Yell	330	53	80.8	+ 5.6	105	4	48	30	40	2.70	−0.59	1.06	0	3	9	19	2	s.	Geo. N. Goodier
De Queen	Sevier	426	4	81.6	...	106	4	50	30	44	0.17	...	0.13	0	2	24	3	3	s.	E. B. Smith
Des Arc	Prairie	204	1	...	...	...	...	...	...	...	3.84	...	3.60	0	2	26	1	3	...	Z. R. Glenn
Devils Knob †	Johnson	2350	3	78.2	...	99	4	39	30	28	0.85	...	0.85	0	1	27	2	1	sw.	U. S. Forest Service
Dumas	Desha	162	34	80.6	+ 4.5	103	4§	49	30	44	1.64	−1.25	1.34	0	4	8	17	5	s.	Ben Johnson
El Dorado	Union	270	39	82.5	+ 5.3	103	4	58	21§	36	1.44	−1.71	0.99	0	3	18	10	2	s.	Mrs. E. W. Gaston
England	Lonoke	229	33	79.6	+ 4.2	103	6	51	30	43	3.16	−0.61	2.60	0	3	23^a	4^a	2^a	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	80.4	+ 8.4	103	3	38	30	41	1.10	−3.12	0.80	0	2	25	4	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	...	2	78.8	...	103	3	39	30	37	1.13	...	1.09	0	3	13	14	3	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	79.9	+ 7.8	105	2§	38	30	41	0.87	−2.68	0.87	0	1	25	4	1	sw.	University of Arkansa
Fordyce	Dallas	275	11	81.6^b	...	102^b	3	55^b	30	35^b	1.17	...	0.97	0	3	24^a	5^a	0^a	ne.	Miss Mercille McMurry
Fort Smith	Sebastain	448	58	83.4	+ 9.4	107	2	45	30	35	0.23	−2.76	0.14	0	3	25	4	1	e.	U. S. Weather Bureau
Ft. Smith Wtr. P. †	Crawford	...	2	...	...	...	...	...	...	...	2.70	...	1.01	0	3	23^b	3^b	2^b	...	T. J. Wylie
Fulton	Hempstead	260	54	...	...	...	...	...	...	...	0.86	−1.79	0.83	0	2	24	1	5	...	T. J. Logan
Georgetown	Woodruff	200	27	...	...	...	...	...	...	...	2.95	−0.94	1.90	0	3	26	2	2	...	C. G. Long
Gilbert	Searcy	600	14	76.6	...	104	3	42	30	50	0.50	−3.83	0.28	0	2	26	2	2	...	F. E. King
Glenwood	Pike	547	4	...	...	...	...	...	...	...	0.88	...	0.80	0	2	24	3	3	...	C. A. Price
Grannis	Polk	950	20	80.2	+ 6.6	104	4	46	30	39	0.11	−4.71	0.04	0	4	23	7	0	s.	W. E. McVay
Gravette	Benton	1250	42	78.6	+ 7.8	106	2	36	30	42	0.68	−3.03	0.60	0	3	22	8	0	sw.	Max W. Schmidt
Green Mountain †	Stone	1100	3	80.5	...	102	7§	44	30	38	0.72	...	0.50	0	2	20	9	1	sw.	U. S. Forest Service
Hankins †	Drew	...	2	...	...	...	...	...	...	...	1.91	...	1.21	0	2	..	.	..	...	Soil Conservation Ser
Harrison	Boone	1052	39	78.0	+ 7.8	106	3	40	30	43	0.27	−3.76	0.25	0	2	29	0	1	sw	Louis R. Keck
Heber Springs	Cleburne	...	10	...	...	...	...	...	...	...	3.14	...	1.99	0	5	24	4	2	...	Lester B. Logan
Helena	Phillips	300	67	79.1	+ 3.7	100	4	51	23	39	2.44	−0.64	2.31	0	4	16	5	9	ne.	James A. Burnett
Higden	Cleburne	445	20	...	...	...	...	...	...	...	1.82	−1.87	1.82	0	1	26	3	1	e.	Austin E. Cartwright
Highland	Pike	491	20	82.0	...	105	4	51	30	36	0.74	−2.46	0.60	0	3	15	13	2	sw.	J. O. Cooley
High Peak †	Montgomery	1834	1	...	...	...	...	...	...	...	1.53	...	1.53	0	1	19	9	2	s.	U. S. Forest Service
Hope ‡	Hempstead	375	69	81.2	+ 4.6	104	4	54	21§	40	0.78	−2.63	0.60	0	2	19	10	1	w.	Experiment Farm
Hot Springs	Garland	600	48	79.8	+ 4.1	100	4	53	30	34	3.25	−0.25	3.03	0	3	25	4	1	s.	National Park Service
Index †	Little River	275	22	...	...	...	...	...	...	...	1.20	−1.58	0.90	0	2	29	0	1	...	W. E. McDowell
Irons Fork †‡	Polk	...	1	76.3	...	100	4	44	30	46	3.22	...	1.66	0	4	16	14	0	sw.	U. S. Forest Service
Jessieville	Garland	750	13	...	...	...	...	...	...	...	1.51	−1.65	1.35	0	2	11	18	1	s	U. S. Forest Service
Jonesboro	Craighead	345	44	78.8	+ 4.3	101	7	49	23§	44	1.11	−2.30	0.56	0	2	19	9	2	se.	Benedictine Sisters
Lead Hill	Boone	650	33	76.6	+ 4.4	106	3	35	30	49	0.73	−2.33	0.71	0	2	27	2	1	sw.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	60	80.9	+ 6.8	103	4	52	30	31	2.36	−0.81	2.32	0	3	24	3	3	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	3	80.0	...	105	4	50	30	40	2.56	...	2.20	0	4	24	3	3	...	W. B. Airport Station
Lutherville †	Johnson	775	41	80.5	+ 6.5	101	4§	45	30	36	5.43	+1.52	5.48	0	1	21	9	0	se.	H. G. Lenhardt
Madison	St. Francis	209	9	...	...	...	...	...	...	...	4.32	...	2.70	0	3	17	2	11	...	J. W. Eppes
Magnolia	Columbia	315	23	82.4	+ 5.8	104	5	45	30	45	0.43	−2.00	0.43	0	1	6	22	2	se.	State Agri. School
Mammoth Spring	Fulton	600	35	77.6	+ 6.2	103	7	46	23	48	1.36	−2.17	1.36	0	1	25	4	1	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	28	78.8	+ 4.7	102	4	49	23	39	2.74	−0.77	1.73	0	4	20	9	1	s.	C. N. Houck
Marked Tree	Poinsett	229	35	77.8	+ 4.2	100	8	46	23	46	2.10	−0.86	1.40	0	2	27	0	3	s.	Charles Walton
Mena	Polk	1207	51	80.9	+ 6.9	104	4	45	30	41	2.42	−1.50	1.37	0	4	25	5	0	sw.	E. W. St. John
Monticello Airway	Drew	273	3	81.6	...	102	4	53	30	33	1.67	...	1.15	0	4	18	9	3	e.	Airway Observer
Monticello †	Drew	273	4	...	...	...	...	...	...	...	1.35	...	1.07	0	3	..	..	..	...	Soil Conservation Ser.
Montongo †	Drew	...	4	...	...	...	...	...	...	...	1.95	...	1.59	0	2	..	..	..	...	Soil Conservation Ser.
Morrilton	Conway	315	20	79.4	+ 4.4	104	4	51	30	43	2.50	−0.49	2.20	0	3	16	11	3	se.	Mrs. Freda M. Ashcraft
Mountainburg	Crawford	2010	2	...	...	...	...	...	...	...	3.51	...	1.59	0	3	24	5	1	s.	C. A. Lovell
Mountain Home	Baxter	800	27	79.8	+ 8.1	107	8	45	30	43	1.00	−3.30	0.55	0	2	25	3	2	w.	H. N. Halbert
Mountain Valley	Garland	273	2	...	...	...	...	...	...	...	2.43	...	2.26	0	2	28	1	1	s.	J. G. Scott
Mount Ida	Montgomery	702	40	78.5	+ 5.3	104	4	48	21	50	1.60	−2.52	1.60	0	1	22	6	2	sw.	G. A. Whittington
Mulberry	Franklin	...	1	...	...	...	...	...	...	...	...	...	...	0	..	24	4	2	...	A. J. McMath
Newport	Jackson	231	56	79.4	+ 5.2	103	4	48	23	45	1.64	−2.09	1.07	0	2	26	2	2	n.	J. D. Henderson
Oden	Montgomery	800	12	78.2	...	103	4	43	30	42	2.47	...	1.92	0	3	19	11	0	s.	U. S. Forest Service
Okay	Howard	288	11	81.6	...	105	4	52	21	45	0.30	...	0.18	0	2	25	3	2	s.	Charles R. Jackson
Osceola	Mississippi	250	39	...	...	...	...	...	...	...	1.78	...	0.91	0	2	27	2	1	...	G. H. Banks
Ozark	Franklin	396	44	81.3	+ 5.6	109	3	44	30	42	1.34	−1.47	0.93	0	3	22	6	2	e.	Orkney O. Milton
Paragould	Greene	275	16	76.0	...	97	8§	44	23	44	1.35	−1.42	1.21	0	2	27	1	2	sw.	J. E. Garrett
Parkin	Cross	222	9	...	...	...	...	...	...	...	2.52	...	1.55	0	2	26	2	2	...	Carroll King
Pine Bluff	Jefferson	215	52	82.4	+ 7.2	104	4	54	30	37	2.85	−0.76	2.60	0	3	17	10	3	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	...	...	...	...	...	...	...	...	...	...	.	..	..	..	..	...	J. R. Huddleston
Plantersville †	Drew	...	2	...	...	...	...	...	...	...	1.86	...	0.98	0	2	..	..	..	...	Soil Conservation Ser.
Pocahontas	Randolph	300	46	78.2	+ 4.8	103	8	45	23	47	1.08	−2.60	0.87	0	2	26	3	1	sw.	Benedictine Sisters
Portland	Ashley	122	33	78.2	+ 1.9	99	13	52	23	37	2.00	−0.49	1.35	0	3	10	18	2	sw.	W. E. Edmiston
Prescott	Nevada	318	51	82.4	+ 6.2	104	4	56	30	39	0.76	−2.59	0.66	0	2	20	8	2	s.	J. Craig Williams
Rock Springs †	Drew	...	4	...	...	...	...	...	...	...	1.46	...	0.85	0	2	..	..	..	...	Soil Conservation Ser.
Rogers (near) †	Benton	1300	49	78.6	+ 7.4	104	1§	39	30	43	0.30	−3.49	0.30	0	1	23	6	1	sw.	Carl A. Starck
Rosebud †	Faulkner	680	5	...	...	...	...	...	...	...	4.87	...	4.77	0	2	25	3	2	n.	G. A. Maddox
Ross †	Drew	...	2	...	...	...	...	...	...	...	1.88	...	1.38	0	2	..	..	..	...	Soil Conservation Ser.
Russellville	Pope	526	27	81.2	+ 7.8	107	4	49^b	30	43^b	1.16	−2.89	1.14	0	2	29	0	1	se.	U. S. Forest Service
St. Charles	Arkansas	175	6	79.4	...	103	4	52	30	36	1.93	...	1.76	0	3	20	3	7	s.	U. S. Biological Survey
St. Francis	Clay	290	12	...	...	...	...	...	...	...	2.19	−2.77	2.12	0	2	27	0	3	...	A. Boyce Boyd, Jr.
Searcy	White	245	29	80.3	+ 6.0	105	4	51	23§	44	2.00	−1.43	1.35	0	2	27	1	2	sw.	Walter A. Smith
Springbank †	Miller	240	30	...	...	...	...	...	...	...	2.52	−0.45	2.17	0	6	24	1	5	...	Henry Field
Story	Montgomery	650	15	...	...	...	...	...	...	...	1.70	−1.24	1.70	0	1	26	3	1	s.	S. C. Story
Stuttgart	Arkansas	214	52	80.1	+ 5.0	104	4	52	30	37	3.06	−0.44	2.20	0	3	24	4	2	se.	Mrs. B. E. Swim
Stuttgart ‡	Arkansas	210	4	79.3	...	101	4	52	23	41	3.14	...	2.29	0	2	..	..	..	...	Rice Experiment Sta.
Subiaco	Logan	756	42	81.8	+ 7.5	109	3	45	30	42	0.89	−2.54	0.88	0	2	25	3	2	se.	New Subiaco Abbey

Climatological Data for September, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	54	84.2	+ 2.4	108	4	56	30	40	0.99	−1.75	0.80	0	4	25	3	2	s.	H. S. Brashear
Thornburg	Perry	650	19	79.0	+ 6.4	105	4	45	21	51	0.88	−2.62	0.88	0	1	17	13	0	s.	Edward E. Holmes
Turnpike †	Pope	2240	15	77.6		97	4	37	30	33	1.78	−3.37	1.76	0	2	28	1	1	sw.	U. S. Forest Service
Underwood †	Drew		2									−2.15								Soil Conservation Ser.
Waldron	Scott	675	20			107	4				1.02	−2.57	0.90	0	2	12d	14d	0d	se.	Wilson Ferguson
Warren	Bradley	206	45	80.8	+ 4.7	102	4	53	30	37	1.45	−2.29	0.95	0	2	7	20	3	ne.	C. N. Turner
Whitecliffs	Little River	290	33								0.30		0.30	0	1	27	2	1		L. M. Snead
White Rock †	Franklin	2285	3	78.9		102	4	38	30	31	1.09		0.64	0	3	28	1	1	sw.	U. S. Forest Service
Wilson	Mississippi	237	14	77.0	+ 3.2	98	4§	45	23	43	1.80	−0.36	1.15	0	2	27	0	3	s.	D. O. Anderson
Wynne	Cross	167	31	79.4	+ 4.9	102	7§	45	23	50	2.60	−0.91	1.47	0	2	23	5	2	s.	B. M. Eddins
State Means				79.9	+ 5.4	112	4	35	30	51	1.77	−1.57	5.43	0.0	2	22	6	2	s.	

Daily Precipitation for September, 1939

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser. †	Ouachita															T.		T.												.75	.08		0.83
Amity	Ouachita	.10														.24		.44															....
Arkadelphia 2	Ouachita	.04															.12		.02												.98		1.16
Arkansas City 2	Mississippi																.08		.26		.10										1.62		2.06
Batesville Airway	White															.01														1.05	04		1.10
Batesville River 2	White																.28													.46	.65		1.39
Bee Branch	Arkansas										.40																			1.60			2.00
Benton 2	Saline	.04										.23					.15		.35											1.66	.36		2.79
Bentonville 1‡	Arkansas																T.		T.										T.	.52			0.52
Big Lake Outlet †2	St. Francis																													.34	1.50		1.84
Black Rock 2	White																													.21	.82		1.03
Blytheville 2	St Francis																T.													.26	1.36		1.62
Booneville	Arkansas										.07																			.58			0.65
Boughton †2	Ouachita																.26														.90		1.16
Brinkley	White																	.56												2.80	.57		3.93
Calico Rock 2	White																.50													.20	.80		1.50
Camden 2	Ouachita																1.03		.03												.45		1.51
Clarendon 2	White																		.11		.04									.68	1.81		2.64
Clinton	White																													1.56			1.56
Conway	Arkansas																		.52											1.24			1.76
Corning 2	White																													.05	3.27		3.32
Cotter 2	White																														.42		0.42
Crossett [near]	Ouachita										.13							.04	.77	.90											3.33		5.17
Danville 2	Arkansas																		.48											.34	1.10		1.92
Dardanelle 2	Arkansas											1.03																		1.06	.61		2.70
De Queen	Red					.04	.13																							T.			0.17
Des Arc 2	White															.24															3.60		3.84
Devils Knob †	Arkansas																													85			0.85
Dumas	Mississippi										T.					T.		.08	.03											.19	1.34		1.64
El Dorado 2	Ouachita																.37		.08												.99		1.44
England	Arkansas										.15							.41												2.60			3.16
Eureka Springs	White																	.30												.80			1.10
Fayetteville	White										T.						.03												T.	1.09	.01		1.13
Fayetteville Exp. S	White										T.	T.					T.													.87	T		0.87
Fordyce	Ouachita										T.						.16	.04													.97		1.17
Fort Smith 1‡	Arkansas						T.				T.							.09										0.13	.01				0.23
Fort Smith W. †2	Arkansas											1.01																		.86	.83		2.70
Fulton 2	Red	.03										T.					T.	T.	T.												.83		0.86
Georgetown 2	White		.10																											.95	1.90		2.95
Gilbert 2	White																													.22	.28		0.50
Glenwood 2	Ouachita																		08												.80		0.88
Grannis	Red	.01								T	T.					.03													.04	.03			0.11
Gravette 2	Arkansas											.03						.05													.60		0.68
Green Mountain †	White															.22														.50			0.72
Hankins †‡	Ouachita																	.70												1.21			1.91
Harrison	White																													.25	.02		0.27
Heber Springs	White	.02										.01					.09													1.03	1.99		3.14
Helena 2	Mississippi																.02		.10											.01	2.31		2.44
Higden	White																													1.82			1.82
Highland	Ouachita	.04																.10												.60			0.74
High Peak †	Ouachita																													1.53			1.53
Hope ‡†2	Red															T.			.18											.60			0.78
Hot Springs	Ouachita										.19					T.		.03												3.03			3.25
Index †2	Red						.90																								.30		1.20
Irons Fork †‡‡2	Ouachita	1.03																	.32											1.66	.21		3.22
Jessieville	Ouachita																	.16												1.35			1.51
Jonesboro 2	White																													.55	.56		1.11
Lead Hill	White																													.71	.02		0.73
Little Rock 1‡	Arkansas		T.								.01					.03		T.	T.											2.32			2.36
LittleRock Air'y. 1	Arkansas		T.								.01					.34		.01												2.20			2.56
Lutherville †	Arkansas										T.																			5.43			5.43
Madison 2	St. Francis																.25													1.37	2.70		4.32
Magnolia	Red																		T												.43		0.43
Mammoth Spg 2	White																T.													T.	1.36		1.36
Marianna	St. Francis																			.36										1.73	.65		2.74
Marked Tree 2	St. Francis																													.70	1.40		2.10
Mena 2	Ouachita	.01					.86										.18													1.37			2.42
Monticello Airway	Ouachita																	.34	.05	.13										T.	1.15		1.67
Monticello(near. †‡	Ouachita																	.05												1.07	.23		1.35
Montongo †	Ouachita																	.26												1.59			1.95
Morrilton 2	Arkansas	T.											.05																	2.20	.25		2.50
Mountainburg	Arkansas										1.59																			.85	1.07		3.51
Mountain Home	White																	.45												.55			1.00
Mountain Valley	Ouachita										T.					T.														2.26	.17		2.43
Mount Ida	Ouachita																													1.60			1.60
Mulberry 2	Arkansas																													.80	.76		...
Newport 2	White																													1.07	.57		1.64
Oden	Ouachita	.19														.35														1.92			2.47
Okay	Red	.12																												.18			0.30
Osceola 2	Mississippi																T.													.87	.91		1.78
Ozark 2	Arkansas												T.						.36											.93	.05		1.34
Paragould	St. Francis																													1.21	.14		1.35

Daily precipitation for September, 1939 [continued]

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Parkin[2]	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.97	1.55	....	2.52
Pine Bluff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	.24	....	....	....	....	....	....	....	....	....	....	....	2.60	....	2.85
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Plantersville †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.88	....	....	....	....	....	....	....	....	....	....	....	.98	....	....	1.86
Pocahontas	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.87	.21	....	1.08
Portland[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.37	....	.28	....	....	....	....	....	....	....	....	....	1.35	....	2.00
Prescott[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	.66	....	0.76
Rock Springs †	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.61	....	....	....	....	....	....	....	....	....	....	....	.85	....	....	1.46
Rogers (near) †	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	....	0.30
Rosebud †	Arkansas	....	....	....	....	....	....	....	....	....	....	....	T.	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.77	....	....	4.87
Ross †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	....	....	....	1.38	....	....	1.88
Russellville ‡‡	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	....	....	....	....	....	....	....	....	....	....	....	1.14	.02	....	1.16
St. Charles[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	....	.13	....	....	....	....	....	....	....	....	....	....	1.76	....	1.93
St. Francis[2]	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.07	2.12	....	2.19
Searcy	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.35	.65	....	2.00
Springbank †[2]	Red	.15	.02	....	....	....	2.17	....	....	....	....	T.	....	....	....	....	02	....	.09	....	....	....	....	....	....	....	....	....	....	T	.07	....	2.52
Story[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.70	....	....	1.70
Stuttgart[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	.78	2.20	....	3.06
Stuttgart ‡‡[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.85	2.29	....	3.14
Subiaco	Arkansas	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	T	.88	....	....	0.89
Texarkana[2]	Red	.04	....	....	....	....	.80	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	0.99
Thornburg	Arkansas	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	.88	T	....	0.88
Turnpike †	Arkansas	....	....	....	....	....	....	....	....	....	.02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.76	....	....	1.78
Underwood †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Waldron	Arkansas	....	....	....	....	....	....	....	....	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.90	....	....	1.02
Warren	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.95	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	1.45
Whitecliffs[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	T	....	....	0.30
White Rock †	Arkansas	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	T	.11	....	....	....	....	....	....	....	....	....	....	.31	.67	....	....	1.09
Wilson[2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.65	1.15	....	1.80
Wynne[2]	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.13	1.47	....	2.60

Daily temperatures for September, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	97	99	100	101	98	100	100	100	100	97	95	96	98	100	100	98	96	92	93	92	92	90	93	94	93	94	95	93	88	86		95.
	Minimum	67	66	68	69	68	67	69	68	69	70	67	67	66	68	66	68	66	62	62	63	58	55	55	60	61	60	55	55	60	60		63.
Amity	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		...
Arkadelphia §§	Maximum	99	95	101	106	98	102	102	100	100	96	98	100	102	102	102	92	95	93	93	91	92	90	94	94	95	96	98	91	92	72		96.
	Minimum	72	73	72	71	74	68	69	68	67	70	68	68	70	68	69	69	70	68	66	65	54	58	54	55	55	55	55	57	67	55		65.
Batesville	Maximum	95	96	100	104	96	102	104	105	103	100	99	102	104	103	103	97	94	94	94	95	90	90	96	99	99	97	100	96	83	67		96.
	Minimum	70	72	74	77	65	65	73	75	73	75	67	67	71	67	70	68	66	62	60	54	57	55	49	63	64	58	63	59	60	51		65.
Bee Branch	Maximum	93	90	100	104	100	102	103	102	102	100	93	98	100	100	100	94	94	91	94	91	91	90	95	96	95	95	96	93	87	68		95.
	Minimum	70	72	70	74	70	66	70	70	68	70	70	67	78	68	68	66	66	65	65	55	59	60	52	55	56	55	57	58	60	49		64.
Benton §§	Maximum	96	89	97	103	96	98	99	98	98	96	96	98	99	100	100	94	92	91	91	90	91	89	93	93	93	94	98	91	88	69		94
	Minimum	66	71	70	71	68	68	68	67	66	67	66	67	67	65	66	65	65	63	62	58	52	52	52	53	53	52	52	53	56	53		61.
Bentonville ***	Maximum	99	103	103	95	99	100	99	98	97	92	94	95	97	98	98	95	90	83	90	92	81	87	92	93	94	86	89	89	78	62		92.
	Minimum	70	71	74	72	69	73	73	73	69	70	67	71	70	69	68	71	67	62	65	54	53	51	60	62	67	60	53	63	42	38		64.
Blytheville	Maximum	95	94	96	99	93	98	102	103	102	94	97	100	103	103	92	96	90	88	91	87	87	86	95	94	92	93	97	93	87	77		94.
	Minimum	66	70	72	77	63	62	70	76	72	71	62	64	70	69	69	66	67	62	61	54	55	54	48	57	60	62	65	66	65	52		64.
Booneville	Maximum	102	103	110	112	104	105	105	104	104	98	100	101	102	102	103	98	91	94	96	95	92	94	99	100	98	99	101	94	92	71		99.
	Minimum	73	76	75	74	77	70	70	72	70	72	67	68	70	69	68	74	65	66	60	62	60	58	59	60	60	58	56	60	62	44		65.
Brinkley	Maximum	97	92	97	103	98	102	101	101	101	99	99	101	103	102	102	95	94	91	91	91	92	89	93	94	93	93	97	91	82	69		95.
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		...
Camden	Maximum	99	96	101	103	104	102	101	100	98	96	98	100	102	101	99	93	92	88	91	90	93	91	98	96	95	99	95	98	..	72		96.
	Minimum	71	74	75	76	72	69	70	69	70	74	68	70	70	68	67	65	68	67	67	64	56	56	55	56	56	58	64	64	..	55		66.
Conway	Maximum	99	92	104	110	100	106	106	105	105	102	100	105	103	105	105	98	99	96	96	96	96	93	98	96	98	98	102	95	89	72		99.
	Minimum	72	73	73	73	69	69	72	70	69	75	69	70	71	69	69	68	67	64	62	56	55	58	55	57	59	56	58	62	65	53		65.
Corning	Maximum	99	97	101	100	97	102	106	106	106	100	98	103	105	105	104	99	89	92	94	94	91	90	95	97	97	96	98	96	83	63		96.
	Minimum	64	70	71	75	57	59	69	72	69	68	60	63	69	64	66	67	65	60	58	48	50	49	43	56	60	56	58	59	61	49		61
Crossett	Maximum	96	95	100	101	95	100	100	101	99	97	97	97	99	100	95	93	92	92	90	88	92	90	92	91	92	93	99	99	96	91		95.
	Minimum	79	79	83	79	73	64	70	66	68	70	65	69	68	67	66	64	67	60	67	65	55	56	53	52	52	60	59	61	70	54		65.
Dardanelle	Maximum	98	95	103	105	102	104	101	100	101	97	95	99	100	100	100	95	95	95	93	93	92	90	95	97	95	95	97	93	89	71		96.
	Minimum	73	74	72	74	69	69	71	72	71	73	69	69	70	69	68	72	67	66	64	58	58	56	55	57	58	56	57	61	64	48		65.
De Queen	Maximum	99	101	104	106	103	101	102	100	101	95	98	99	101	100	104	97	95	94	97	96	95	95	97	98	97	99	100	94	93	74		97.
	Minimum	74	72	73	70	72	68	69	70	68	73	66	68	70	70	68	70	70	67	66	63	55	59	58	58	57	55	56	60	71	50		65.
Devils Knob	Maximum	90	90	96	99	91	94	95	94	94	92	89	91	94	93	98	91	90	87	86	88	83	83	86	88	89	89	89	82	77	59		88.
	Minimum	69	70	70	76	70	73	74	72	72	71	72	73	74	75	77	68	67	62	65	65	59	59	64	67	67	67	66	69	49	39		67.
Dumas	Maximum	96	96	99	103	96	100	101	101	101	90	99	103	101	100	98	93	92	90	89	91	93	90	94	94	92	93	101	92	97	72		95.
	Minimum	73	72	75	73	72	70	72	69	70	75	69	72	69	70	70	65	72	68	68	64	54	55	53	50	55	60	62	67	69	49		66.
El Dorado	Maximum	97	95	101	103	100	100	99	97	99	97	99	100	100	100	97	91	90	90	91	90	90	91	92	95	92	93	99	92	96	87		95.
	Minimum	74	76	77	78	76	70	76	74	74	75	71	74	75	73	72	68	75	69	70	68	58	60	60	59	61	61	66	68	72	58		69.
England	Maximum	97	90	99	102	98	103	102	101	101	90	97	101	101	102	100	99	99	97	93	92	93	91	92	93	92	97	97	93	84	81		95.
	Minimum	71	71	73	73	61	68	71	69	68	72	68	69	69	66	62	62	63	61	57	57	61	54	61	56	54	54	54	62	65	51		63.
Eureka Springs	Maximum	100	102	103	98	100	100	100	100	99	95	94	97	99	100	102	92	90	90	92	96	84	90	93	95	98	93	92	90	82	64		94.
	Minimum	69	71	75	76	70	75	78	77	74	70	67	73	73	74	74	71	64	62	63	55	56	54	64	67	68	63	57	65	48	38		66.
Fayetteville	Maximum	100	102	103	98	97	99	98	96	96	95	92	93	96	96	96	90	87	86	89	90	84	86	90	92	93	90	88	86	81	60		91.
	Minimum	72	74	77	75	73	74	75	75	73	71	67	70	68	71	68	71	69	65	65	53	57	50	63	66	69	64	56	61	48	39		66
Fayetteville Exp. S	Maximum	104	105	105	103	101	101	100	100	99	98	93	95	98	99	100	92	90	89	92	94	90	89	92	93	95	91	90	88	84	62		94.
	Minimum	70	72	78	74	70	74	75	74	73	69	67	72	68	69	69	70	68	64	64	53	53	52	61	66	68	62	54	66	49	38		65.
Fordyce	Maximum	95	100	102	99	98	98	100	..	98	99	98	99	100	100	98	92	..	91	90	92	90	94	93	94	93	94	94	98	95	89		95.
	Minimum	74	72	73	70	71	70	74	..	72	73	73	73	74	74	73	69	..	68	68	60	60	59	60	60	60	60	60	64	71	55		67.
Fort Smith***	Maximum	104	107	105	106	102	102	102	100	100	98	97	98	100	100	101	95	93	92	94	95	88	90	95	96	97	93	95	92	85	68		96.
	Minimum	76	78	76	81	77	75	76	77	75	76	71	75	75	75	75	78	73	69	71	67	68	62	65	67	67	64	60	66	54	45		70.
Gilbert§§	Maximum	99	97	104	100	100	103	103	103	103	99	94	100	100	101	103	96	86	91	92	93	88	90	96	97	98	94	97	94	83	74		95.
	Minimum	62	67	68	71	60	64	64	64	63	63	62	62	62	60	60	65	60	55	55	45	49	46	46	50	52	49	50	50	55	42		57.
Grannis	Maximum	98	99	100	104	101	98	98	98	98	91	96	96	98	100	102	96	95	92	93	93	93	92	96	93	96	97	98	90	91	73		95.
	Minimum	69	69	71	69	71	65	67	67	66	71	65	66	68	69	68	69	68	65	64	63	60	59	58	57	57	67	69	60	62	46		64.
Gravette§§	Maximum	101	106	105	97	102	103	101	101	100	96	97	98	100	100	101	99	92	83	93	95	85	90	95	95	90	87	90	91	82	66		94
	Minimum	69	71	73	70	70	72	72	69	67	68	66	67	67	70	68	69	66	64	62	54	53	51	55	59	50	50	49	49	65	36		62.
Green Mountain	Maximum	94	91	98	95	94	101	102	102	100	96	93	98	100	100	98	91	89	97	87	89	87	84	92	94	93	94	92	91	81	62		92.
	Minimum	72	73	74	78	69	72	75	75	76	74	68	75	76	76	69	71	66	64	63	61	59	59	64	68	68	67	64	69	58	44		68
Harrison	Maximum	97	100	106	95	94	104	103	102	100	95	96	100	100	101	100	95	88	89	90	92	82	85	93	95	95	93	92	87	85	62		93
	Minimum	69	72	75	75	63	65	67	71	74	68	66	65	65	64	64	69	65	59	60	49	56	50	56	59	62	58	54	52	51	40		62.
Helena	Maximum	95	90	93	100	94	95	97	97	97	92	95	97	99	99	96	93	92	82	87	87	90	86	90	90	90	90	94	89	80	70		91
	Minimum	70	72	73	73	69	64	71	72	70	74	64	71	72	75	72	66	71	65	66	63	59	62	51	61	62	64	66	67	64	52		66
Highland	Maximum	97	96	102	105	103	100	101	100	98	96	98	99	100	100	103	99	96	93	94	93	94	91	94	95	94	96	97	93	92	74		96
	Minimum	71	72	74	74	72	68	72	71	72	75	68	72	73	73	70	71	72	65	67	65	62	63	61	59	60	61	65	66	67	51		67
Hope §§ ‡‡	Maximum	100	98	102	104	102	100	100	98	97	92	98	99	100	101	102	98	93	92	93	91	93	93	94	96	95	96	98	91	92	73		96
	Minimum	73	71	75	76	73	68	72	72	71	75	68	70	69	69	69	69	71	67	67	64	54	57	56	58	58	56	57	63	69	54		66

Daily temperatures for September, 1939, continued

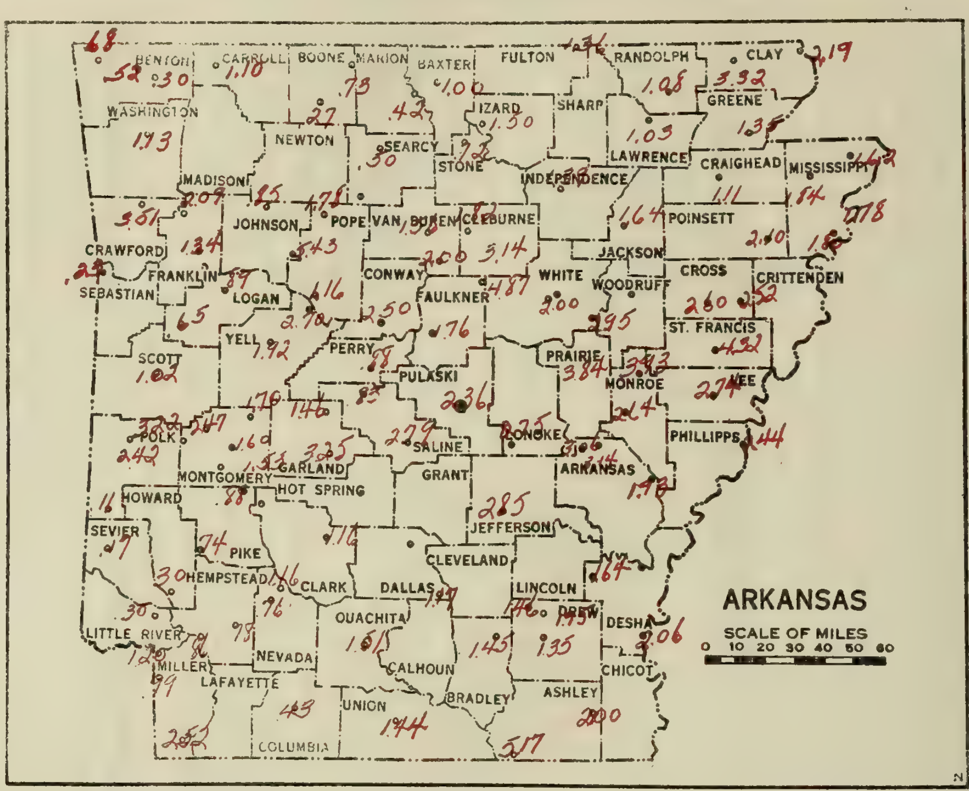
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Hot Springs	Maximum	96	92	98	100	94	98	98	98	96	93	94	94	96	96	98	92	92	90	90	88	88	88	88	90	90	90	95	90	85	68		92.2
	Minimum	72	72	73	77	75	77	71	72	73	72	68	69	68	70	70	68	69	68	66	66	57	64	60	61	63	60	61	67	62	53		67.5
Irons Fork §§‡‡	Maximum	94	94	99	100	98	97	98	96	96	94	94	96	97	98	99	94	93	88	90	92	89	90	94	95	95	95	97	89	85	68		93.5
	Minimum	66	67	67	68	66	63	64	63	63	67	61	62	63	63	62	66	61	61	60	57	51	52	51	65	51	49	51	56	60	44		60.0
Jonesboro	Maximum	94	91	93	98	93	97	101	101	101	96	94	99	100	100	96	93	91	89	90	89	90	86	93	95	94	92	97	93	82	63		93.0
	Minimum	66	68	70	77	68	63	68	74	72	74	64	66	69	67	70	66	66	65	64	56	57	57	49	61	62	58	65	67	63	49		64.7
Lead Hill	Maximum	98	98	106	95	94	104	103	100	102	98	97	100	101	101	103	98	90	92	91	95	88	89	95	97	101	96	92	94	83	61		95.4
	Minimum	64	67	70	69	58	61	65	67	64	62	63	63	63	61	61	66	62	56	54	55	44	45	46	54	57	54	51	49	50	35		57.9
Little Rock •••	Maximum	96	85	97	103	93	96	98	97	98	93	94	96	97	97	97	90	91	90	89	88	89	86	90	91	90	90	96	88	84	66		91.8
	Minimum	74	73	75	76	74	71	75	73	74	76	72	75	77	77	76	72	72	69	69	66	62	66	63	64	64	65	65	67	64	52		70.0
Little Rock [Airway]	Maximum	96	88	89	105	95	98	101	100	102	94	96	100	100	100	100	92	95	91	90	90	92	89	94	95	93	92	99	92	86	68		94.1
	Minimum	72	73	74	76	71	70	72	72	70	75	70	70	70	69	70	67	71	68	67	62	55	62	55	57	56	56	59	62	57	50		65 9
Lutherville	Maximun.	94	90	100	101	95	101	101	100	99	97	95	99	99	100	101	94	93	94	94	94	90	98	96	96	95	95	95	91	82	63		94.7
	Minimum	72	74	72	75	72	67	70	70	72	74	67	69	71	71	71	71	67	66	65	58	66	63	60	61	61	59	61	62	58	45		66.3
Magnolia	Maximum	101	99	100	102	104	100	100	98	98	97	100	99	100	102	102	97	98	95	95	94	95	95	99	95	96	96	100	97	94	90		97.9
	Minimum	74	74	76	75	72	68	73	71	70	72	67	71	70	70	70	67	70	68	68	67	54	59	60	62	62	57	60	67	72	45		67.0
Mammoth Spring	Maximum	96	96	98	93	91	101	103	102	101	93	94	100	101	102	100	95	86	89	88	92	84	87	94	96	97	94	90	95	86	64		93.6
	Minimum	66	68	71	71	68	61	69	68	66	68	63	63	68	64	64	65	66	57	60	48	58	51	46	65	57	54	55	55	62	50		61.6
Marianna	Maximum	93	91	94	102	99	96	96	98	99	96	95	97	96	97	93	90	89	85	86	87	87	85	88	88	89	87	95	89	84	66		91.2
	Minimum	72	74	75	79	69	66	74	73	73	77	65	68	68	70	73	65	66	64	64	64	56	58	49	60	59	59	68	69	63	53		66.4
Marked Tree §§	Maximum	93	91	94	99	90	96	98	100	99	94	95	98	99	99	95	93	91	90	90	89	88	86	92	91	90	91	96	92	76	60		91.8
	Minimum	66	70	72	76	66	61	70	70	70	75	63	65	66	66	70	65	68	62	60	57	54	55	46	57	60	58	65	66	64	50		63.8
Mena	Maximum	97	100	103	104	102	98	99	98	98	97	96	98	101	101	101	93	95	92	92	92	91	93	96	98	99	98	99	93	89	68		96.0
	Minimum	71	72	71	75	72	70	72	71	70	73	65	69	69	69	67	69	66	68	64	61	59	63	57	61	63	57	61	66	58	45		65.8
Monticello	Maximum	93	91	98	102	96	100	100	99	99	96	99	100	100	100	98	94	91	90	89	88	91	90	92	92	92	92	98	88	94	84		94.5
	Minimum	73	75	75	76	74	68	73	71	70	74	72	73	74	72	73	68	70	69	70	67	62	65	62	59	62	63	65	65	70	53		68.8
Morrilton §§	Maximum	96	88	101	104	96	100	101	100	100	97	95	99	100	100	102	93	97	94	94	94	91	89	94	96	95	94	96	91	88	70		95.2
	Minimum	71	75	73	73	67	67	71	70	70	75	67	68	70	67	66	69	65	62	61	53	52	52	52	55	58	53	53	59	65	51		63.7
Mountain Home	Maximum	99	101	106	94	97	106	106	107	106	97	100	102	105	104	103	97	82	88	90	94	85	90	93	99	100	97	93	96	82	65		96.1
	Minimum	74	71	70	74	64	64	69	70	69	68	68	68	68	66	67	68	64	62	63	51	56	50	60	62	63	55	55	60	58	45		63.4
Mt. Ida	Maximum	98	95	101	104	98	102	102	100	101	38	99	99	101	101	101	95	96	92	90	92	93	93	96	98	96	98	100	92	86	72		96 3
	Minimum	67	69	69	76	67	65	65	66	66	73	64	63	65	64	64	66	64	67	60	56	48	50	50	52	53	49	50	56	55	49		60.7
Newport	Maximum	96	90	95	103	95	99	100	100	100	98	97	99	101	102	102	95	95	93	93	92	91	89	93	95	92	95	97	93	81	66		94.6
	Minimum	68	72	73	72	67	65	72	72	70	75	66	66	69	67	70	66	67	65	62	53	54	58	48	53	60	57	62	63	62	52		64.2
Oden •••	Maximum	90	93	100	103	99	100	98	97	97	94	95	96	98	98	100	94	95	90	92	92	90	89	92	94	95	94	96	90	85	68		93.8
	Minimum	68	71	71	75	72	68	67	67	69	73	66	65	66	67	65	68	65	66	63	60	52	55	53	53	53	52	54	58	53	43		62.6
Okay	Maximum	102	102	103	105	104	102	102	100	99	95	98	99	100	100	102	100	95	92	94	93	93	93	96	96	95	96	99	97	92	77		97.4
	Minimum	73	71	75	71	72	68	69	70	68	73	65	68	68	68	69	71	70	66	67	64	52	59	57	58	57	56	54	67	72	56		65.8
Ozark	Maximum	92	100	109	108	104	106	105	104	105	100	97	102	102	103	104	94	87	89	94	96	92	91	96	99	97	88	98	93	81	71		96.9
	Minimum	75	76	75	72	74	68	69	70	69	73	66	68	69	71	70	75	70	63	67	58	64	62	58	59	61	58	56	58	53	44		65.7
Paragould	Maximum	91	91	93	95	91	92	96	97	97	93	90	95	95	96	97	90	87	87	87	87	86	82	88	89	89	88	92	90	80	65		89.9
	Minimum	65	67	69	76	69	60	68	71	68	74	62	62	67	64	68	65	64	63	59	55	54	54	44	54	56	56	61	57	62	50		62.1
Pine Bluff	Maximum	97	89	99	104	99	100	101	100	100	92	100	101	102	101	100	95	97	88	92	91	92	90	95	96	95	94	102	91	91	67		95.4
	Minimum	74	75	77	79	75	72	78	75	73	75	72	74	74	74	74	70	74	67	67	65	60	62	59	61	61	61	65	71	65	54		69.4
Pocahontas	Maximum	93	92	96	97	94	96	101	103	102	96	93	99	101	101	102	96	91	91	91	92	89	92	92	95	94	93	96	93	88	65		94.1
	Minimum	65	68	70	75	65	61	68	71	69	70	62	63	68	64	68	67	66	63	62	54	60	56	45	53	58	55	58	55	61	50		62.3
Portland	Maximum	93	90	96	96	90	95	97	96	96	95	98	98	99	98	93	92	92	88	87	84	88	88	89	89	89	87	95	88	92	83		92 0
	Minimum	70	73	73	72	72	65	68	65	67	69	65	68	67	68	66	64	68	65	67	64	55	56	52	54	53	62	60	62	66	53		64.3
Prescott	Maximum	100	99	102	104	102	101	100	99	99	97	99	100	102	101	101	93	92	92	93	92	93	93	96	96	96	96	99	97	95	72		96.7
	Minimum	73	73	76	75	75	70	73	73	72	76	70	71	72	71	71	69	73	69	68	67	57	61	58	60	59	59	60	67	67	56		68.0
Rogers	Maximum	104	104	104	99	101	101	100	101	99	98	94	97	99	99	101	95	92	90	91	94	87	88	93	94	96	91	89	90	83	62		94.5
	Minimum	71	73	74	73	69	69	71	66	68	67	65	67	66	66	65	69	67	65	65	51	52	59	52	57	60	59	54	57	49	39		62.8
Russellville ‡‡	Maximum	96	95	102	107	105	103	104	102	102	101	98	101	102	102	103	101	95	96	94	96	93	91	95	98	98	97	99	98	90	69		97.8
	Minimum	69	72	70	71	68	68	68	69	68	70	67	68	78	80	68	72	68	62	61	..	..	56	54	56	56	54	56	57	54	49		64.6
St. Charles §§	Maximum	94	91	93	103	95	95	97	98	99	93	96	98	98	98	94	92	90	88	87	89	89	88	90	89	89	90	97	88	79	61		91.6
	Minimum	71	74	74	77	70	70	72	73	73	76	69	70	69	71	72	66	72	65	65	65	57	58	54	58	57	62	65	68	69	52		67.1
Searcy	Maximum	96	88	98	105	96	101	102	102	101	99	99	101	102	102	102	95	94	94	93	94	93	91	95	96	95	95	99	93	82	68		95.7
	Minimum	70	73	71	74	70	67	70	71	69	73	70	68	69	67	70	66	68	68	65	62	57	62	51	55	55	56	58	59	62	51		64.9
Stuttgart	Maximum	95	88	98	104	96	98	100	101	102	93	97	100	101	102	99	95	93	86	90	90	90	88	92	94	92	93	99	92	82	65		93.8
	Minimum	71	74	74	73	68	70	73	71	70	74	70	70	69	70	73	67	73	67	66	62	58	57	55	56	57	60	63	63	65	52		66.4
Stuttgart ‡‡§§	Maximum	93	87	95	101	96	98	98	98	98	94	96	99	99	99	97	92	91	87	90	89	90	88	93	91	91	92	97	89	88	63		92.6
	Minimum	72	74	75	76	71	70	72	70	70	73	69	70	69	69	71	66	71	66	65	65	55	58	52	55	55	58	59	66	65	53		66.0
Subiaco	Maximum	102	102	109	107	103	106	104	103	101	101	100	101	103	104	102	99	99	96	96	97	91	92	96	99	99	97	97	94	89	69		98.6
	Minimum	70	72	70	77	71	68	71	71	75	73	65	68	69	69	69	72	65	63	64	60	62	58	57	57	59	57	60	60	57	45		65.1
Texarkana	Maximum	103	106	107	108	107	100	101	102	101	102	100	101	103	104	104	96	94	93	94	93	97	97	98	101	98	98	102	94	98	78		99.3
	Minimum	75	75	76	76	74	70	73	72	72	71	68	71	72	74	72	72	72	69	69	67	59	63	61	64	65	64	62	69	73	56		69.2
Thornburg	Maximum	97	93	103	105	100	102	102	103	100	99	95	101	100	104	101	96	99	95	94	94	93	92	96	96	96	97	101	92	87	69		96.7
	Minimum	70	74	73	74	62	65	67	70	65	77	62	64	65	63	63	67	60	56	55	48	45	47	50	59	65	56	50	57	60	54		61 4
Turnpike	Maximum	88	90	94	97	92	95	94	94	93	91	88	92	95	95	96	91	88	82	87	88	82	84	88	89	91	90	89	86	76	60		88.8
	Minimum	70	69	71	75	68	62	73	74	73	70	67	72	74	74	69	71	67	60	62	62	59	58	63	66	66	65	68	68	55	37		66.3
Waldron	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Warren	Maximum	96	92	98	102	98	100	99	99	98	95	99	100	100	100	97	93	94	89	90	88	90	89	92	93	92	93	97	88	94	87		94.7
	Minimum	72	74	75	74	74	69	73	71	70	74	69	70	72	71	69	65	69	69	68	65	54	58	56	56	56	58	65	67	70	53		66.9
White Rock	Maximum	93	94	100	102	93	97	96	95	95	93	90	94	94	95	97	90	88	86	87	89	81	84	88	90	90	90	89	85	78	62		90.2
	Minimum	72	73	72	75	72	72	75	73	71	68	69	72	74	74	74	69	68	65	66	67	59	61	65	68	68	67	67	67	47	34		67.5
Wilson	Maximum	93	92	94	98	92	92	95	97	95	90	94	95	97	98	91	90	86	93	88	85	86	80	88	89	90	90	94	90	80	65		90 2
	Minimum	66	70	74	72	63	60	71	71	71	70	61	65	65	67	69	64	63	61	61	55	52	63	45	65	60	60	70	69	64	50		63.9
Wynne	Maximum	94	95	94	100	94	99	102	101	101	97	97	101	102	102	100	96	95	92	91	89	92	88	95	95	94	95	100	94	81	65		94.7
	Minimum	70	70	70	75	64	63	70	70	70	72	65	70	68	68	68	63	70	65	62	55	50	56	45	56	60	60	65	67	62	51		64.0

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for September, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, §§ Exp. Farm	Evap.	.117	.174	.309	.228	.331	.292	.250	.308	.269	.300	190	.160	.337	.336	.200	.251	.257	.031	.418	.260	.324	.238	.222	.248	.252	.230	.228	.311	.249	.329		7.649
	Mean tem.	86	84	88	90	88	84	86	85	84	84	83	84	84	85	86	84	82	80	80	78	74	75	75	77	76	76	78	77	80	64		81.2
	Wind move	28	9	28	43	40	25	21	44	16	65	24	17	17	32	8	26	35	25	35	33	38	29	14	23	26	20	19	34	78	92		944
Irons Fork, §§ Exp. Forest	Evap.	.123	.163	.233	.139	.291	.204	.203	.174	.191	.235	.260	.134	.223	206	.165	.207	.175	.147	.185	.141	.183	.177	.187	.178	.155	.206	.216	.186	.232	.182		5.701
	Mean tem.	80	80	83	84	82	80	81	80	80	80	78	79	80	80	89	80	77	74	75	74	70	71	72	80	73	72	74	72	72	56		76.8
	Wind move	2	7	11	7	9	7	9	7	5	8	3	7	9	7	6	8	8	7	5	4	7	6	5	5	7	6	4	8	28	40		252
Russellville, Ozark Nursery	Evap.	.244	.290	.274	.314	.288	.260	.280	.292	.272	.188	.306	.308	.282	304	.206	.336	.234	.212	266	.302	.266	.238	.254	.224	.204	.214	.232	.298	.302	.290		7.980
	Mean tem.	82	84	86	89	86	86	86	86	85	86	82	84	90	91	86	86	82	79	78	....	.	74	74	77	77	76	78	78	72	59		81.2
	Wind move	22	56	22	21	46	3	10	16	9	18	11	22	13	8	6	16	1	30	1	31	18	29	13	13	14	11	20	32	43	85		640
Stuttgart, §§ Rice Exp. Farm	Evap.	.224	212	.099	.219	.300	.316	.222	.223	.231	.233	.114	237	.233	.225	.215	.224	.213	.100	.122	.170	.176	.192	.176	.175	.206	.176	.170	.242	.232	.046		5.923
	Mean tem.	82	80	85	88	84	84	85	84	84	84	82	84	84	84	84	79	81	76	78	77	72	73	72	73	73	75	78	78	76	58		79.3
	Wind move	57	85	81	94	76	29	35	50	50	46	25	44	45	30	24	54	78	8	9	35	27	30	31	24	30	29	25	52	65	131		1399

Precipitation for September, 1939



Daily River Stages for September, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	..Arkansas	22	5.4	5.3	5.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Van Buren	do	22	4.4	4.2	4.1	3.9	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	
Mulberry	..Mulberry	..	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	
Danville	.Petit Jean	20	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	
Ozark	..Arkansas	22	0.5	0.3	0.2	0.1	0.0	-0.2	-0.4	-0.5	-0.6	-0.8	-0.8	-0.9	-1.0	-1.0	-1.0	-1.1	-1.1	-1.2	-1.2	-1.1	-1.1	-1.1	-1.2	-1.2	-1.3	-1.3	-1.3	-1.4	-1.4	-1.4	
Dardanelle	do	22	3.5	3.0	2.7	2.5	2.3	2.0	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.6	
Morrilton	do	20	-0.8	-1.1	-1.6	-1.8	-2.0	-2.2	-2.4	-2.5	-2.7	-2.8	-2.8	-3.0	-3.0	-3.1	-3.2	-3.2	-3.3	-3.4	-3.4	-3.4	-3.5	-3.5	-3.6	-3.6	-3.6	-3.7	-3.7	-3.8	-3.7	-3.7	
Little Rock	do	23	0.7	0.8	0.6	0.3	0.1	0.0	-0.2	-0.4	-0.5	-0.6	-0.7	-0.8	-0.9	-1.0	-1.0	-1.1	-1.2	-1.3	-1.4	-1.4	-1.4	-1.4	-1.5	-1.5	-1.5	-1.6	-1.6	-1.6	-1.4	-1.5	
Pine Bluff	do	25	4.3	4.3	4.1	4.0	4.3	4.3	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.5	
Gilbert	..Buffalo	30	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.7	
Doniphan, Mo.	..Current	10	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	3.2	
Black Rock	...Black	14	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.8	
Heber Springs	Little Red	30	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.7	
OzarkBeachMo	...White	30	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.8	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.5	
Cotter	do	21	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Calico Rock	do	18	0.3	0.3	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.2	
Batesville	do	23	5.2	5.2	5.1	4.9	4.8	4.8	4.8	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.6	
Newport	do	26	0.1	0.9	0.8	0.7	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	
Georgetown	do	21	2.2	2.0	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	
Des Arc	do	24	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	3.0	
Clarendon	do	26	8.8	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.9	7.8	7.6	7.5	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.6	6.5	6.5	6.5	6.4	6.4	6.4	6.6	
St. Charles	do	25	9.2	9.1	9.0	8.9	8.8	8.8	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.0	7.3	
Glenwood	....Caddo	..	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.4	
Arkadelphia	.Ouachita	17	5.8	5.4	4.8	4.0	4.2	4.5	5.1	5.6	5.6	5.6	4.2	4.4	5.2	5.8	6.0	5.8	4.9	4.8	3.8	4.6	4.2	4.3	4.4	4.4	3.5	3.7	5.2	5.9	5.7	4.7	
Boughton	Little Mo.	20	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	
Camden	.Ouachita	26	4.5	4.9	5.0	4.8	4.5	4.2	4.1	4.3	4.7	4.9	5.0	5.0	4.4	4.0	4.3	5.0	5.3	5.4	4.5	4.0	4.0	4.4	4.3	4.2	4.5	4.4	4.1	3.9	4.6	5.2	
Benton	Saline	20	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	2.9	3.1	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.8	3.2	
Whitecliffs	Little River	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Index	....Red	25	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.1	7.0	6.8	6.8	6.8	6.7	6.4	6.4	6.3	6.1	6.0	6.0	6.0	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	
Fulton	do	25	4.4	4.2	4.1	3.9	3.7	3.9	4.2	3.9	3.7	3.5	3.4	3.3	3.2	3.1	2.9	2.9	2.7	2.7	2.7	2.7	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	
Big Lake Outl't	St. Francis	10	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.8	
St. Francis	do	18	5.5	5.2	5.0	4.7	4.5	4.2	3.9	3.7	3.6	3.5	3.4	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.8	3.3	
St. Francis L.L.	do	..	16.2	16.4	16.0	15.7	15.9	15.8	15.7	15.3	15.3	14.8	14.6	14.5	14.4	14.3	14.3	14.1	14.0	14.0	13.9	15.8	13.9	15.5	14.4	15.4	14.8	15.4	14.8	15.4	16.3	17.0	
Marked Tree	do	17	3.4	3.3	4.0	3.6	3.4	3.4	3.2	3.1	3.0	2.9	2.6	2.5	2.5	2.3	2.2	2.2	2.1	2.0	2.0	0.5	2.6	1.6	2.6	0.9	2.5	0.9	2.5	0.8	0.4	0.4	
Parkin	do	28	3.5	3.4	3.3	3.5	3.6	3.3	3.2	3.2	3.1	3.0	3.0	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.3	2.0	1.9	1.9	2.1	2.2	1.9	2.1	1.8	2.2	1.8	
Madison	do	32	2.2	2.1	2.0	1.9	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.0	0.9	1.0	0.9	0.9	0.9	0.8	0.8	1.0	1.4	
Helena	**Mississippi**	42	9.5	8.6	7.6	7.0	6.2	5.5	5.0	4.7	4.4	4.1	3.6	3.1	2.8	2.7	2.6	2.4	2.3	2.1	2.1	1.9	1.9	2.3	2.6	2.5	2.3	2.2	1.9	1.6	1.4	1.4	
Arkansas City	do	42	8.1	7.9	7.5	6.9	6.5	6.1	5.9	5.0	4.7	4.3	3.9	3.7	3.2	2.9	2.6	2.5	2.4	2.2	2.0	1.9	1.8	1.7	1.8	2.1	2.1	2.0	1.9	1.6	1.4	1.4	

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means are for the period to 1935, inclusive. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation re corded is for the 24 hours ending at time of observation. [1] Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation is measured in the morning; amount then recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Irons Fork Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mt., Norman, Mulberry, R 1, Mulberry;

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office. Little Rock, Ark.11-10-39-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

O. D. NEUMANN

Vol. XLIV   Little Rock, Ark., October, 1939   No. 10

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GENERAL SUMMARY

The mean temperature for October, based on the records of 71 stations, was 65.2°, which is 2.5° above the 49-year average. Monthly means ranged from 61.5° at Lead Hill to 69.7° at Texarkana. Highest temperatures were recorded at most staions on the 7th or the 23d, the highest being 98° at Conway on the 23d. The lowest temperatures were recorded on the ast day of the month, and were freezing or lower over most of he State. The lowest reported was 20° at Lead Hill and Thornburg. The greatest daily range was 55° at Lead Hill on he 23d.

Drought conditions prevailed during the month. The average precipitation as determined from the records of 112 stations, was 1.71 inches, which is 1.42 inches below the 49-year average. Monthly amounts ranged from no rainfall at Plantersville to .48 inches at Eureka Springs. The greatest 24-hour amount was 4.90 inches at Corning on the 7th.

The dry, warm weather during the month was favorable for cotton, and good to excellent progress was made in picking and ginning. At the close of the month the cotton crop was from 85% to 95% harvested over the northeastern and eastern counties; practically completed elsewhere. The weather was also favorable for gathering corn, rice and soy beans, but unfavorable for meadows, pastures and ranges, gardens and truck. Very little plowing and planting of winter grains was done due o the dry soil. Many stations reported their first killing frost or this season on the 31st.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
entonville	30.06	30.15	14	29.70	24	6.9	18	sw.	24	..	.		85
ort Smith	30.01	30.49	14	29.81	24	7.3	34	nw.	9	76	41	41	73
ittle Rock	30.08	30.49	14	29.81	27	7.1	21	nw.	30	87	46	60	79
emphis	30 07	30.45	14	29.82	27	8.2	25	nw.	27	86	51	68	67

Miscellaneous Phenomena

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog		1							1	1	2						1			1						3	1				
Light Hail																									1						
Moderate Hail																															
Thunderstorm	1				1	7			13	7															5	10	11				1

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	28	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.08	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	96	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0 0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.80	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66.6	98	33	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67.1	98	26	2.35	0.0	4	17	7	7
1932	60 8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0.0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0.0	3	23	5	3
1939	65.2	98	20	1.71	0.0	3		5	5
Period	62.7	105	12	3.13	T.	5		6	7

Killed by Lightning.

Rison, Arkansas, October 27, 1939. Man, age 32 years, killed by lightning while standing under a tree.

Climatological Data for October, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	3	....	....	92	23	..	..	..	0.64	....	0.34	0	2	17	12	2	e.	L. R. Water Works
Amity	Clark	500	44	....	....	....	....	....	....	....	....	....	....	.	..	..	..	..	....	J. W. Campbell
Arkadelphia	Clark	200	44	64.4	....	95	23	27	31	48	0.88	−2.54	0.65	0	2	21	9	1	nw	Mrs. Ted R. Carpente
Arkansas City	Desha	145	55	....	....	....	....	....	....	....	0.25	−2.37	0.21	0	2	22	5	4	..	Herbert Neff
Batesville Airway	Independence	363	3	65.2	+ 4.6	95	23	28	31	47	1.71	....	0.49	0	7	21	5	5	se.	Airway Observer
Batesville	Independence	277	40	....	....	....	....	....	....	....	1.22	−1.97	0.45	0	4	20	4	7	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	64.8[a]	+ 2.3	93[a]	5	26[a]	31	44[a]	1.30	−2.26	0.50	0	3	20[a]	7[a]	3[a]	w.	J. E. Scanlan
Benton	Saline	285	4	62.4	....	94	23	24	31	51	0.46	....	0.29	0	3	22	4	5	ne.	S. A. Burks
Bentonville	Benton	1295	34	63.8	+ 4.9	92	6	27	31	41	2.93	−0.69	1.84	T.	5	21	7	3	s.	U. S. Weather Burea
Big Lake Outlet †	Mississippi	239	9	....	....	....	....	....	....	....	0.41	....	0.30	0	2	23	4	4	....	C. J. Brooks
Black Rock	Lawrence	259	38	....	....	....	....	....	....	....	1.47	−1.91	0.52	0	3	23	0	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	14	64.8[b]	+ 1.4	93[b]	6	29[b]	31	41[b]	0.26	−3.26	0.14	0	4	21[b]	3[b]	5[b]	s.	Samuel Norris
Booneville	Logan	465	25	67.2	+ 3.2	96	6§	27	31	45	2.45	−0.83	1.26	0	3	20	9	2	s.	F. H. Randolph
Boughton †	Clark	235	4	....	....	....	....	....	....	....	0.83	....	0.31	0	3	20	4	7	....	Harry J. Buie
Brinkley	Monroe	205	48	66.0	+ 3.4	93	23	28	29	44	1.32	−2.20	1.12	0	2	22	7	2	sw.	R. J. Torry
Calico Rock	Izard	361	35	....	....	....	....	....	....	....	2.69	−0.20	0.99	0	5	25	1	5	....	William Jones
Camden	Ouachita	116	54	66.4	+ 2.5	94	23§	27	31	47	1.13	−1.86	0.52	0	4	20	3	8	....	J. M. Knight
Clarendon	Monroe	172	35	....	....	....	....	....	....	....	0.86	−2.38	0.53	0	4	20	4	7	n.	R. M. Wheatley
Clinton	Van Buren	516	18	....	....	....	....	....	....	....	1.82	−2.53	1.28	0	3	21	8	2	sw.	A. L. Stephens
Conway	Faulkner	309	56	67.4	+ 3.9	98	23	26	31	47	0.56	−2.86	0.22	0	3	26	4	1	s.	E. E. Cordrey
Corning	Clay	293	46	63.5	+ 3.5	92	7	26	31	43	6.29	+2.91	4.90	0	5	24	3	4	sw.	Winfred D. Polk
Cotter	Baxter	440	12	....	....	....	....	....	....	....	1.70	−2.25	0.95	0	3	23	5	3	....	O. B. McSpadden
Crossett	Ashley	175	27	65.6	− 0.2	94	23	26	31	46	0.46	−3.04	0.38	0	2	19	7	5	n.	U. S. Forest Service
Danville	Yell	327	23	....	....	....	....	....	....	....	2.44	−1.40	1.28	0	4	19	8	4	....	J. M. Patterson
Dardanelle	Yell	330	53	65.9	+ 2.5	94	7§	27	31	45	1.80	−1.60	0.77	0	5	18	8	5	s.	Geo. N. Goodier
De Queen	Sevier	426	4	67.0	....	97	6	27	31	44	2.28	....	2.00	0	4	20	6	5	s	E. B. Smith
Des Arc	Prairie	204	1	....	....	....	....	....	....	....	1.25	....	0.70	0	2	18	0	13	....	Z. R. Glenn
Devils Knob †	Johnson	2350	3	63.4	....	85	7	28	31	29	2.83	....	1.07	0	5	25	0	6	sw.	U. S. Forest Service
Dumas	Desha	162	34	66.3	+ 1.5	97	8	29	31	48	0.57	−2.65	0.45	0	2	16	12	3	n.	Ben Johnson
El Dorado	Union	270	39	69.2	+ 3.2	95	23	33	31	39	0.70	−2.62	0.41	0	6	23	3	5	s.	Mrs. E. W. Gaston
England	Lonoke	229	33	65.9	+ 1.9	94	7	29	29	47	1.25	−1.88	0.75	0	2	24	6	1	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	65.2	+ 4.4	91	6§	27	31	40	8.48	+4.77	2.60	0	6	25	5	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	63.5	....	90	7	26	31	38	3.64	....	1.38	0	4	16	12	3	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	64.4	+ 3.6	91	7	26	31	41	3.60	−0.10	1.39	0	5	22	7	2	sw.	University of Arkansa
Fordyce	Dallas	275	11	68.0	....	92	24	34	31	41	0.62	....	0.44	0	4	21	8	2	ne.	Miss Mercille McMurr
Fort Smith	Sebastain	448	58	66.8	+ 4.0	94	6	33	31	36	4.09	+1.10	2.91	0	4	19	8	4	e.	U. S. Weather Burea
Ft. Smith Wtr. P. †	Crawford	....	2	..	....	....	....	....	....	....	3.80	....	2.27	0	2	20	3	8	....	T. J. Wylie
Fulton	Hempstead	260	54	....	....	....	....	....	....	....	0.85	−2.01	0.85	0	1	18	3	10	....	T. J. Logan
Georgetown	Woodruff	200	27	....	....	....	....	....	....	....	0.80	−2.59	0.50	0	2	26	2	3	....	C. G. Long
Gilbert	Searcy	600	14	61.6	....	94	23	22	31	54	1.94	−2.74	0.87	0	5	25	2	4	....	F. E. King
Glenwood	Pike	547	4	....	....	....	....	....	....	....	1.89	....	1.21	0	4	22	2	7	....	C. A. Price
Grannis	Polk	950	20	66.0	+ 3.2	94	6	30	31	41	2.45	−1.77	1.65	0	5	19	8	4	s.	W. E. McVay
Gravette	Benton	1250	42	63.2	+ 3.5	93	7	23	31	43	3.35	−0.38	1.80	0	2	24	7	0	sw.	Max W. Schmidt
Green Mountain †	Stone	1100	3	65.8	....	90	23	27	31	34	3.56	....	2.11	0	5	19	11	1	sw.	U. S. Forest Service
Hankins †	Drew	....	2	....	....	....	....	....	....	....	0.02	....	0.02	0	1	..	.	..	....	Soil Conservation Ser
Harrison	Boone	1052	39	62.6	+ 3.2	93	7	24	31	43	2.45	−0.68	1.00	0	4	24	4	3	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	....	10	....	....	....	....	....	....	....	0.47	....	0.19	0	4	23	4	4	....	Lester B. Logan
Helena	Phillips	300	67	65.0	+ 1.4	93	23	25	31	35	0.46	−2.52	0.35	0	4	19	5	7	se.	James A. Burnett
Higden	Cleburne	445	20	....	....	....	....	....	....	....	0.76	−2.69	0.45	0	3	22	8	1	s.	Austin E. Cartwright
Highland	Pike	491	20	67.5	....	94	6	33	31	36	1.35	−1.82	0.80	0	4	13	16	2	ne.	J. O. Cooley
High Peak †	Montgomery	1834	1	....	....	....	....	....	....	....	2.29	....	1.45	0	4	19	6	6	s.	U. S. Forest Service
Hope ‡	Hempstead	375	69	66.2	+ 0.3	94	6§	29	31	45	0.90	−2.01	0.65	0	4	17	12	2	se.	Experiment Farm
Hot Springs	Garland	600	48	66.0	+ 1.6	92	23	30	31	37	0.83	−2.60	0.39	0	4	21	7	3	s.	National Park Servic
Index †	Little River	275	22	....	....	....	....	....	....	....	1.32	−1.58	0.90	0	2	26	0	5	....	W. E. McDowell
Irons Fork †‡	Polk	....	1	62.1	....	90[a]	6§	21	31	[a]	2.70	....	2.19	0	7	19	10	2	sw.	U. S. Forest Service
Jessieville	Garland	750	13	....	....	....	....	....	....	....	1.14	−2.52	0.65	0	4	16	12	3	sw.	U. S. Forest Service
Jonesboro	Craighead	345	44	64.8	+ 2.2	92	6§	27	31	43	0.98	−2.48	0.46	0	4	19	4	8	w.	Benedictine Sisters
Lead Hill	Boone	650	33	61.6	+ 0.8	97	7	20	31	55	2.68	−0.46	1.10	0	6	19	9	3	w.	J. H. Crosswhite
LITTLE ROCK	Pulaski	324	60	66.0	+ 2.4	92	23	34	31	33	0.66	−2.05	0.41	0	4	20	5	6	s.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	3	65.6	....	93	6§	30	31	41	0.61	....	0.36	0	4	20	2	9	se.	W. B. Airport Statio
Lutherville †	Johnson	775	41	65.2	+ 2.9	95	7	28	31	36	3.45	−0.55	1.16	0	6	18	9	4	sw.	H. G. Lenhardt
Madison	St. Francis	209	9	....	....	....	....	....	....	....	0.96	....	0.48	0	3	16	3	12	....	J. W. Eppes
Magnolia	Columbia	315	23	68.4	+ 1.5	95	7§	28	31	46	0.97	−1.88	0.35	0	4	13	17	1	se.	State Agri School
Mammoth Spring	Fulton	600	35	62.7	+ 3.5	93	7	24	31	48	3.16	−0.17	1.75	0	4	23	7	1	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	28	65.0	+ 1.5	91	22	30	29	41	0.18	−3.07	0.18	0	1	20	9	2	s.	C. N. Houck
Marked Tree	Poinsett	229	35	63.6	+ 2.4	92	7§	28	31	43	0.69	−3.26	0.40	0	3	23	4	4	s.	Charles Walton
Mena	Polk	1207	51	66.0	+ 3.0	95	6	29	31	42	2.72	−1.36	1.90	0	6	23	4	4	ne	E. W. St. John
Monticello Airway	Drew	273	3	67.9	....	95	23	28	31	38	0.18	....	0.15	0	2	22	2	7	se.	Airway Observer
Monticello †	Drew	273	4	....	....	....	....	....	....	....	0.20	....	0.20	0	1	..	..	..	....	Soil Conservation Ser
Montongo †	Drew	....	4	....	....	....	....	....	....	....	0.17	....	0.17	0	1	..	..	..	....	Soil Conservation Ser
Morrilton	Conway	315	20	64.4	+ 1.2	94	23	27	31	47	1.59	−1.79	0.55	0	5	22	9	0	ne.	Mrs Freda M. Ashcra
Mountainburg	Crawford	2010	2	....	....	....	....	....	....	....	4.03	....	1.60	0	5	24	4	3	s.	C. A. Lovell
Mountain Home	Baxter	800	27	64.6	+ 4.1	96	7	23	31	50	1.56	−2.28	0.65	0	4	22	3	6	w.	H. N. Halbert
Mountain Valley	Garland	273	2	....	....	....	....	....	....	....	1.44		0.64	0	4	26	3	2	se.	J. G. Scott
Mount Ida	Montgomery	702	40	63.8	+ 2.0	93	7§	24	31	51	2.20	−1.48	1.06	0	3	21	5	5	sw.	G. A. Whittington
Mulberry	Franklin	....	1	....	....	....	....	....	....	....	4.69	....	3.01	0	2	22	2	7	....	A. J. McMath
Nashville	Howard	350	1	67.7	....	93	6§	28	31	39	1.26	....	0.85	0	4	18	11	2	s.	J. D. Henderson
Newport	Jackson	231	56	65.0	+ 3.0	93	23	31	29§	46	1.12	−2.41	0.58	0	5	21	7	3	n.	H. B. Carruth
Oden	Montgomery	800	12	64.7	....	92	6	29	29§	44	1.76	....	0.87	0	4	21	5	5	s.	U. S. Forest Service
Okay	Howard	288	11	67.5	....	96	6	24	31	47	1.25	....	0.56	0	3	20	7	4	e.	Charles R. Jackson
Osceola	Mississippi	250	39	..	....	....	....	....	....	....	0.69	....	0.43	0	5	24	2	5	....	G. H. Banks
Ozark	Franklin	396	44	64.5	+ 1.0	95	7	27	31	43	3.26	+0.07	1.94	0	4	19	4	8	se.	Orkney O. Milton
Paragould	Greene	275	16	62.6	....	89	7	29	29	40	1.49	−1.46	0.51	0	5	24	5	2	sw	J. E. Garrett
Parkin	Cross	222	9	....	....	....	....	....	....	....	1.36	....	1.10	0	2	21	3	7	....	Carroll King
Pine Bluff	Jefferson	215	52	68.2	+ 3.6	96	23	31	31	40	1.03	−2.27	0.61		3	19	9	3	nw.	Miss Theresa Sche
Pine Ridge	Montgomery	840	15	....	....	....	....	....	....	....	1.35	−2.83	0.98	0	3	23	3	5	w.	J. R. Huddleston
Plantersville †	Drew	....	2	....	....	....	....	....	....	....	0.00	....	0.00	0	0	..	..	..	....	Soil Conservation Ser
Pocahontas	Randolph	300	46	64.2	+ 2.5	92	7	30	29§	45	1.90	−1.54	1.01	0	5	23	5	3	sw.	Benedictine Sisters
Portland	Ashley	122	33	64.4	− 0.5	92	23	28	29	42	1.11	−1.74	0.70	0	3	17	7	7	sw	W. E. Edmiston
Prescott	Nevada	318	51	68.8	+ 3.9	95	6§	32	31	41	0.56	−2.54	0.29	0	3	18	7	6	se.	J. Craig Williams
Rock Springs †	Drew	....	4	....	....	....	....	....	....	....	0.17	....	0.17	0	1	..	..	..	....	Soil Conservation Ser
Rogers (near) †	Benton	1300	49	63.4	+ 3.6	94	7	25	31	45	5.87	+2.64	3.39	0	5	23	5	3	sw.	Carl A. Starck
Rosebud †	Faulkner	680	5	....	....	....	....	....	....	....	1.44	....	0.94	0	3	26	2	3	n.	G. A. Maddox
Ross †	Drew	....	2	....	....	....	....	....	....	....	0.08	....	0.08	0	1	..	..	..	....	Soil Conservation Ser
Russellville	Pope	526	27	67.8	+ 7.2	96	23	29	31	50	1.98	−0.78	1.04	0	3	26	0	5	se.	U. S. Forest Service
St. Charles	Arkansas	175	6	65.2	....	93	23	32	31	44	0.48	....	0.43	0	3	17	4	10	sw.	U. S. Biological Surv
St. Francis	Clay	290	12	....	....	....	....	....	....	....	2.84	−1.18	1.15	0	8	25	0	6	....	A. Boyce Boyd, Jr.
Searcy	White	245	29	65.7	+ 3.1	94	23	28	31	46	1.50	−1.64	0.92	0	4	25	0	6	sw.	Walter A. Smith
Springbank †	Miller	240	30	....	....	....	....	....	....	....	0.75	−1.92	0.36	0	4	21	3	7	....	Henry Field
Story	Montgomery	650	15	....	....	....	....	....	....	....	1.58	−2.27	0.80	0	3	26	3	2	n.	S. C. Story
Stuttgart	Arkansas	214	54	65.6	+ 2.2	94	23	29	31	39	0.66	−2.79	0.66	0	1	24	3	4	n.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210		65.2	....	92	23	30	31	41	1.89	....	0.84	0	2	..	..	..	....	Rice Experiment St

Climatological Data for October, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	42	66.3	+ 3.0	97	6§	29	31	44	2.30	−1.16	1.31	0	3	24	4	3	se.	New Subiaco Abbey
Texarkana	Miller	332	54	69.7	+ 3.9	97	6	29	31	40	1.43	−2.00	1.23	0	3	22	5	4	s.	H. S. Brashear
Thornburg	Perry	650	19	63.9	+ 2.2	94	23	20	31	59	1.31	−2.19	0.70	0	4	16	11	4	s.	Edward E. Holmes
Turnpike†	Pope	2240	15	63.0	......	85	6§	28	31	31	3.32	−1.99	1.64	0	5	25	4	2	sw.	U. S. Forest Service
Underwood†	Drew	....	2	....	...	......	....	....	......	......	0.56	......	0.56	.	1	....	....	.....	......	Soil Conservation Ser.
Waldron	Scott	675	20	....	.....	......	....	....	......	......	4.93	+1.44	2.15	0	4	9[1]	7[1]	3[1]	sw.	Wilson Ferguson
Warren	Bradley	206	45	66.0	+ 2.2	95	23	30	29§	45	0.66	−2.87	0.66	0	1	14	5	12	sw.	C. N. Turner
Whitecliffs	Little River	290	33	....	......	......	....	....	......	......	0.15	−2.92	0.15	0	1	26	1	4	......	L. M. Snead
White Rock†	Franklin	2285	3	64.0	......	86	7	31	31	39	4.62	. ...	1.80	0	5	26	3	2	sw.	U. S. Forest Service
Wilson	Mississippi	237	14	65.1	+ 2.3	90	7§	31	14§	44	0.60	−2.71	0.35	0	2	22	2	7	s.	D. O. Anderson
Wynne	Cross	167	31	65.8	+ 3.3	93	7§	26	31	43	1.99	−1.70	1.47	0	2	23	5	3	s.	B. M. Eddins
State Means				65.2	+ 2.5	98	23	20	31	59	1.71	−1.42	4.90	0.0	3	21	5	5	sw.	

Daily Precipitation for October, 1939

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.†	Ouachita									T.	.34													T.	T.	.30							0.64
Amity	Ouachita																																....
Arkadelphia[2]	Ouachita										.23																T.		.65				0.88
Arkansas City[2]	Mississippi																										.21		.04				0.25
Batesville Airway	White					.08	.49			.16	.16														T.	06	.34	.42					1.71
Batesville River[2]	White						.13				.34																T.	45	.30				1.22
Bee Branch	Arkansas									.50																	.35	45					1.30
Benton[2]	Saline										.29															T.	.03		.14				0.46
Bentonville[1]‡	Arkansas						T.			.84	.22															.13	1.71	.03		T.			2.93
Big Lake Outlet†[2]	St. Francis	T.									.30															T.		.11					0.41
Black Rock[2]	White						T.				.50																T.	52	.45				1.47
Blytheville[2]	St Francis							.02			.07																T	.03	.14				0.26
Booneville	Arkansas									.06	1.26																1.13						2.45
Boughton†[2]	Ouachita										25	.27																	.31				0.83
Brinkley	White										1.12																	.20					1.32
Calico Rock[2]	White						.99				.27																	.95	.47		.01		2.69
Camden[2]	Ouachita										.33														.03	.25		.52					1.13
Clarendon[2]	White										.53	.03															.02	T.	.28				0.86
Clinton	White									.37																	1.28	.17					1.82
Conway	Arkansas									T.	.22																.18	.16					0.56
Corning[2]	White							4.90			.39															.27		.43	.30				6.29
Cotter[2]	White									.95																		.10		.65			1.70
Crossett ..[near]	Ouachita									.08																T.		.38					0.46
Danville[2]	Arkansas										1.28															T.	.76	.13	.27				2.44
Dardanelle[2]	Arkansas										.77															.01	.22	.59	.21				1.80
De Queen	Red								.05	.20	2.00																.03	T.					2.28
Des Arc[2]	White										70																T		.55				1.25
Devils Knob†	Arkansas									.40	.55															.13	.68	1.07					2.83
Dumas	Mississippi									T.	T.															.12		.45					0.57
El Dorado[2]	Ouachita										.09	.01														.05	.10	.41	.04				0.70
England	Arkansas										.50																	.75					1.25
Eureka Springs	White									1.20	1.45															1.93	2.60	1.27			.03		8.48
Fayetteville	White									.50	1.38															T	1.33	.43			T.		3.64
Fayetteville Exp. S	White									.43	1.39															.04	1.38	.36					3.60
Fordyce	Ouachita									T	.06															.09	.03	.44					0.62
Fort Smith[1]‡	Arkansas								.02	.95	.21																2.91	T.					4.09
Fort Smith W.†[2]	Arkansas										1.53																T.	2.27					3.80
Fulton[2]	Red										.85															T.	T.	T.	T.				0.85
Georgetown[2]	White										.30																T.		.50				0.80
Gilbert[2]	White						.52				.49																	.87	.04		.02		1.94
Glenwood[2]	Ouachita										1.21																.22	.31	.15				1.89
Grannis	Red					T.			.10	.35	1.65																.30	.05					2.45
Gravette[2]	Arkansas										1.55																	1.80					3.35
Green Mountain†	White						2.11			T.	.18															.02	.78	.47					3.56
Hankins†‡	Ouachita																											.02					0.02
Harrison	White									.10	1.00															T.	.60	.75					2.45
Heber Springs	White										.19																.07	.14	.07				0.47
Helena[2]	Mississippi	.06																									.02	.03	.35				0.46
Higden	White									T.	.21																.45	.10					0.76
Highland	Ouachita									.16	.80																.07	32					1.35
High Peak†	Ouachita									.20	1.45																.60	.04					2.29
Hope‡†[2]	Red										.65															.07		.05	.13				0.90
Hot Springs	Ouachita									.03	.31																.10	.39					0.83
Index†[2]	Red										.90														.42	T.	T.						1.32
Irons Fork†‡‡[2]	Ouachita								.12	.02	2.19															.01	.36	.19	.01				2.90
Jessieville	Ouachita									.10	.65																.22	17					1.14
Jonesboro[2]	White	.01									.36	T.															T.	.46	.15				0.98
Lead Hill	White						T.			.02	.90															.03	.60	1.10			.02		2.68
Little Rock[1]†	Arkansas									.17	.24														T.	T.	.04	.21					0.66
LittleRock Air'y[1]	Arkansas									.11	.36														T.	T.	.03	.11					0.61
Lutherville†	Arkansas						.80			.02	1.12															.04	1.16	.31					3.45
Madison[2]	St. Francis	T.									.38	T.															.10	T.	.48				0.96
Magnolia	Red									.30	.15															.35		.17					0.97
Mammoth Spg[2]	White							T.			1.75															T.		1.18	.20		.03		3.16
Marianna	St. Francis																											.18					0.18
Marked Tree[2]	St. Francis										.40															T.		.08	.21				0.69
Mena[2]	Ouachita					.02				T.	1.90	.01	T.													.08	.59	.12					2.72
Monticello Airway	Ouachita									T.																.03		.15	T				0.18
Monticello(near.†‡	Ouachita																											.20					0.20
Montongo†	Ouachita																											.17					0.17
Morrilton[2]	Arkansas									.03	.41														T.		.18	.42	.55				1.59
Mountainburg	Arkansas									.10	1.54															.03	1.60	.76					4.03
Mountain Home	White										.60															.06	.65	.25					1.56
Mountain Valley	Ouachita									.14	.64																.21	.45					1.44
Mount Ida	Ouachita										.91																1.06	.23					2.20
Mulberry[2]	Arkansas										1.68															T.		3.01					4.69
Nashville	Red									.27	.85																.09	.05					1.26
Newport[2]	White										.49															.01	.01	.58	.03				1.12
Oden	Ouachita									.01	.58																.87	.30					1.76
Okay	Red									.19	.56															T.	T.	.50					1.25
Osceola[2]	Mississippi	.02						.07			.15																	.02	.43				0.69
Ozark[2]	Arkansas							T.			1.94															.02	.41	.89					3.26

Daily precipitation for October, 1939 [continued]

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota
Paragould	St. Francis					.51					.19															.03	.51	.25					1.4
Parkin[2]	St. Francis										.26																	T	1.10				1.3
Pine Bluff[2]	Arkansas										.40															T	T	.02	.61				1.0
Pine Ridge[2]	Ouachita									.98																	.66	.21					1.8
Plantersville †‡	Ouachita																																0.0
Pocahontas	White					.04					.37															.04	.44	1.01					1.9
Portland[2]	Ouachita										.37																.70		.04				1.1
Prescott[2]	Ouachita										.29	.08														T.			.19				0.5
Rock Springs †	Ouachita																											.17					0.1
Rogers (near) †	White									54	.87															.15	3.39	.92					5.8
Rosebud †	Arkansas										.38																.12	.94					1.4
Ross †‡	Ouachita																											.08					0.0
Russellville ‡‡	Arkansas										1.04																.82	.12					1.9
St. Charles[2]	White	.03									T.																02		.43				0.4
St. Francis[2]	St. Francis	.12						1.15			.45	.07														T.	.18	.49	.35			.03	2.8
Searcy	White										.50																.05	.03	.92				1.5
Spring Bank †[2]	Red									T.	.09															.12	.18	T	.36				0.7
Story[2]	Ouachita									.48																	.80	.30					1.5
Stuttgart[2]	Arkansas																												.66				0.6
Stuttgart ‡‡[2]	Arkansas										.55																		.84				1.3
Subiaco	Arkansas									.01	.98																1.31						2.3
Texarkana[2]	Red									T.	1.23																	.04	.16				1.4
Thornburg	Arkansas						T.			.17	.70														T.	T	.31	.13					1.3
Turnpike †	Arkansas						.05			.37	.66															T.	1.64	.60					3.3
Underwood †‡	Ouachita																											.56					0.5
Waldron	Arkansas									2.15	.24																2.15	.39					4.9
Warren	Ouachita									T.																T.		.66					0.6
Whitecliffs[2]	Red																												.15				0.1
White Rock †	Arkansas						.14			T.	1.80															.18	1.75	.75					4.6
Wilson[2]	Mississippi										.25																		.35				0.6
Wynne[2]	St. Francis										.52																	1.47					1.9

Daily temperatures for October, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	70	75	81	81	80	90	90	87	86	77	72	79	79	77	72	80	82	83	85	86	89	90	92	86	85	83	84	85	67	62	63	80
	Minimum	36	38	44	49	60	64	63	62	66	58	48	51	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Arkadelphia §§	Maximum	72	71	82	84	81	93	92	89	88	75	74	79	83	65	69	77	84	82	83	85	90	90	95	84	80	89	89	63	66	62	65	80.
	Minimum	38	41	41	48	53	63	63	65	68	68	45	49	45	49	38	34	39	44	42	40	42	53	48	48	62	67	72	47	30	40	27	48.
Batesville	Maximum	72	72	84	85	83	93	93	90	88	71	74	78	84	63	70	81	79	85	85	85	91	91	95	82	86	83	87	62	67	59	63	80.
	Minimum	38	37	41	49	64	67	67	71	72	61	44	49	45	44	32	35	44	44	47	45	55	53	48	60	69	70	61	44	34	40	28	50.
Bee Branch	Maximum	71	73	80	82	93	91	88	85	80	74	80	80	80	69	79	..	83	83	82	84	88	90	92	88	85	80	82	82	66	66	60	80.
	Minimum	37	38	40	49	60	64	65	68	62	44	50	45	45	55	35	..	42	45	45	43	51	50	48	54	66	70	70	40	30	36	26	49.
Benton §§	Maximum	70	75	78	84	81	91	91	91	89	75	72	80	83	63	68	78	84	83	83	86	89	90	94	82	86	88	89	63	68	60	60	79.
	Minimum	36	36	36	39	45	52	61	61	62	70	44	44	44	47	30	33	33	39	40	38	39	47	44	45	52	69	71	45	28	40	24	45.
Bentonville ***	Maximum	71	78	82	83	89	92	92	88	85	64	73	76	77	60	71	79	78	80	81	82	86	87	89	83	85	75	76	60	65	50	62	77.
	Minimum	34	41	49	57	66	64	74	71	61	43	37	47	48	40	37	46	45	51	50	52	56	48	53	69	66	67	46	35	39	32	27	50.
Blytheville	Maximum	66	74	..	84	80	93	92	90	89	77	71	77	82	59	72	79	74	..	87	87	87	88	92	85	85	79	84	60	68	60	59	78.
	Minimum	40	39	..	54	60	64	68	65	66	66	46	50	44	42	33	38	36	..	48	49	50	54	51	62	68	71	72	40	32	40	29	50
Booneville	Maximum	72	79	87	87	94	96	96	92	89	84	76	81	85	76	71	83	86	84	87	87	95	91	95	84	88	80	89	65	71	62	65	83
	Minimum	35	39	45	59	69	69	66	74	73	56	41	50	44	48	40	42	44	46	47	45	54	50	50	59	71	66	65	40	34	37	27	51
Brinkley	Maximum	81	74	83	83	82	91	91	89	89	81	72	80	82	66	70	77	82	84	83	84	88	90	93	84	84	87	87	73	72	63	59	80.
	Minimum	46	37	42	50	59	65	67	77	66	69	58	51	46	45	34	35	41	44	46	42	51	52	50	59	67	70	72	43	28	39	38	51
Camden	Maximum	71	79	83	85	86	93	93	90	91	81	76	81	82	69	71	79	85	85	86	89	91	93	94	94	81	88	87	77	69	64	63	82
	Minimum	39	37	40	47	60	66	68	64	70	67	48	50	44	51	33	35	39	43	41	42	49	55	52	58	69	72	72	46	31	43	27	50
Conway	Maximum	72	78	85	86	86	95	95	93	91	78	80	84	81	69	73	83	87	86	88	89	95	96	98	87	87	86	90	74	69	65	65	83.
	Minimum	39	38	42	52	65	65	66	68	70	67	45	52	47	47	32	34	42	46	45	42	51	52	53	60	69	72	74	42	31	49	26	51.
Corning	Maximum	70	76	75	86	81	91	92	91	89	81	74	75	83	72	69	78	70	84	83	83	87	96	88	85	86	78	84	72	66	57	59	79.
	Minimum	35	36	40	47	59	63	61	68	64	61	43	47	42	38	30	35	43	42	45	44	51	49	46	61	67	69	70	38	31	36	26	47.
Crossett	Maximum	71	78	85	86	89	93	92	89	87	87	73	77	83	68	71	79	83	84	85	88	89	93	94	84	81	89	88	72	71	65	61	81.
	Minimum	42	38	41	47	55	62	66	60	59	70	51	51	46	47	35	36	37	42	40	45	53	53	52	52	69	71	71	49	28	40	26	49.
Dardanelle	Maximum	71	76	84	85	89	93	94	90	87	82	76	81	82	76	70	79	85	84	85	86	91	90	94	84	87	80	85	75	69	61	66	81.
	Minimum	33	40	43	51	63	66	68	69	70	59	45	50	46	46	35	36	42	46	45	43	52	51	49	58	68	67	70	41	34	38	27	50
De Queen	Maximum	77	80	86	88	87	97	95	92	92	84	75	82	84	78	72	79	87	84	85	85	92	93	93	80	86	84	93	73	67	65	69	83
	Minimum	35	39	43	53	67	69	55	69	75	59	44	51	48	50	38	39	44	45	44	45	52	52	49	58	67	73	71	45	30	37	27	50
Devils Knob	Maximum	65	69	73	75	83	84	85	81	76	72	69	72	74	67	62	72	75	74	75	75	81	82	84	76	79	71	76	57	60	52	57	72.
	Minimum	44	46	47	57	62	67	68	67	66	50	45	55	56	38	39	50	58	57	59	61	65	68	64	62	69	63	51	35	41	35	28	54.
Dumas	Maximum	70	75	86	75	89	95	94	97	91	84	82	78	83	67	70	78	81	85	85	90	90	93	96	89	82	89	89	73	70	65	62	82
	Minimum	40	38	43	52	58	68	67	64	67	68	67	49	44	47	32	32	55	44	45	42	55	50	55	59	60	70	71	44	30	44	29	51.
El Dorado	Maximum	77	75	82	86	90	94	93	91	91	81	76	79	83	73	71	78	83	86	83	89	93	93	95	86	82	89	88	89	87	77	62	83.
	Minimum	44	41	47	54	63	62	71	67	70	72	52	54	50	54	37	40	45	49	48	51	61	62	60	60	70	73	73	50	35	40	33	54.
England	Maximum	67	74	80	81	80	87	94	89	91	89	74	79	83	74	67	74	84	84	85	84	90	89	92	87	84	86	89	72	75	61	62	80.
	Minimum	38	40	50	57	64	33	47	64	72	69	66	60	59	41	38	40	45	46	43	45	51	64	52	53	65	66	69	45	29	32	34	50.
Eureka Springs	Maximum	72	80	83	84	89	91	91	88	85	68	76	79	80	64	74	80	80	79	81	82	86	88	88	83	84	76	76	60	56	66	63	78.
	Minimum	36	40	49	60	68	65	74	71	66	50	38	50	55	37	37	49	47	52	55	57	56	56	56	69	63	66	51	34	39	34	27	51.
Fayetteville	Maximum	68	75	78	81	87	89	90	86	83	70	69	74	76	72	68	75	76	78	79	80	79	84	88	81	84	78	78	58	63	58	60	76.
	Minimum	34	40	54	61	67	68	74	72	69	51	39	46	47	41	36	48	46	47	49	46	47	46	51	68	68	66	56	37	37	34	26	50.
Fayetteville Exp. S	Maximum	70	77	80	82	89	90	91	88	84	70	71	76	77	72	70	78	79	78	81	80	85	87	88	82	85	78	77	59	64	59	61	77.
	Minimum	34	38	52	61	60	66	74	74	69	52	38	47	50	41	36	45	47	50	51	52	58	46	48	67	68	67	57	36	38	32	26	51.
Fordyce	Maximum	80	74	83	84	84	91	90	89	89	79	85	85	81	75	77	78	79	78	83	85	87	89	90	92	90	87	84	76	69	64	58	81.
	Minimum	47	41	46	52	62	68	69	68	66	71	73	51	51	52	45	37	40	48	44	47	50	60	62	65	59	73	73	49	40	36	34	54.
Fort Smith***	Maximum	70	78	86	86	92	94	94	91	91	70	74	78	82	65	69	80	81	82	84	85	90	90	91	83	85	79	81	63	67	55	65	80.
	Minimum	42	46	51	59	70	72	70	73	68	52	43	53	50	49	43	47	50	52	52	52	50	54	56	64	74	67	51	44	40	39	33	53.
Gilbert§§	Maximum	71	78	84	85	91	93	93	89	85	68	76	76	84	63	71	82	80	84	85	84	92	90	94	82	89	78	78	68	61	56	68	79.
	Minimum	31	33	32	41	61	62	62	65	63	55	37	43	40	39	29	30	36	38	37	37	43	38	39	46	54	71	67	35	28	31	22	43.
Grannis	Maximum	75	79	83	83	85	94	93	89	87	77	74	81	83	69	72	80	84	81	83	83	89	92	91	78	84	80	89	67	66	61	67	80.
	Minimum	37	38	43	53	64	67	62	67	71	57	44	54	49	48	39	42	48	50	48	49	55	55	50	57	67	71	65	43	32	39	30	51.
Gravette§§	Maximum	74	79	83	86	91	92	93	90	88	65	74	77	79	62	74	80	77	81	82	83	85	88	91	86	87	85	72	60	67	50	63	78.
	Minimum	33	37	40	53	56	60	66	71	70	52	36	36	44	39	37	41	44	45	47	52	49	45	50	53	68	69	66	33	33	31	23	47.
Green Mountain	Maximum	66	70	80	81	86	89	89	85	84	77	69	73	79	73	67	76	73	80	80	80	87	85	90	83	84	79	83	57	69	69	60	77.
	Minimum	39	47	52	57	64	70	66	68	68	74	45	51	56	39	37	49	48	54	58	60	59	59	65	63	66	67	54	37	40	36	27	54.
Harrison	Maximum	67	74	82	84	90	91	93	88	86	80	70	75	81	67	67	78	78	80	79	81	85	83	88	80	85	78	80	55	66	59	59	77.
	Minimum	32	34	39	47	66	63	71	68	68	54	37	46	43	39	31	40	43	43	43	42	55	47	46	55	68	68	53	37	32	36	24	47.
Helena	Maximum	61	73	80	81	81	90	89	88	87	83	70	68	80	67	67	71	79	83	82	85	88	87	93	83	83	85	84	70	64	60	55	78.
	Minimum	39	40	47	59	60	65	67	66	68	67	48	48	47	45	34	40	44	50	53	51	58	56	58	59	67	68	68	44	30	40	25	52.
Highland	Maximum	72	76	82	84	86	94	93	89	86	79	74	81	84	73	72	79	86	82	84	85	89	91	92	81	84	87	87	76	66	63	66	81
	Minimum	41	40	46	52	70	71	66	63	72	61	48	54	54	52	40	44	52	52	52	53	60	60	56	61	67	71	62	44	35	40	33	53.
Hope §§ ‡‡	Maximum	71	78	84	86	85	94	93	94	87	78	72	80	84	67	71	80	86	83	85	85	90	94	93	82	84	89	87	65	69	62	65	81
	Minimum	41	38	42	45	54	65	69	68	68	68	49	51	48	51	39	36	41	45	42	45	46	56	57	62	64	70	73	45	30	40	29	50
Hot Springs	Maximum	70	78	82	81	79	88	88	87	84	78	74	78	78	78	66	75	82	81	82	82	88	89	92	80	81	86	85	74	65	61	62	79
	Minimum	40	41	46	55	63	67	65	66	69	61	46	52	51	51	37	40	47	47	48	47	58	60	55	62	69	72	72	45	35	43	30	52

Daily temperatures for October, 1939, continued

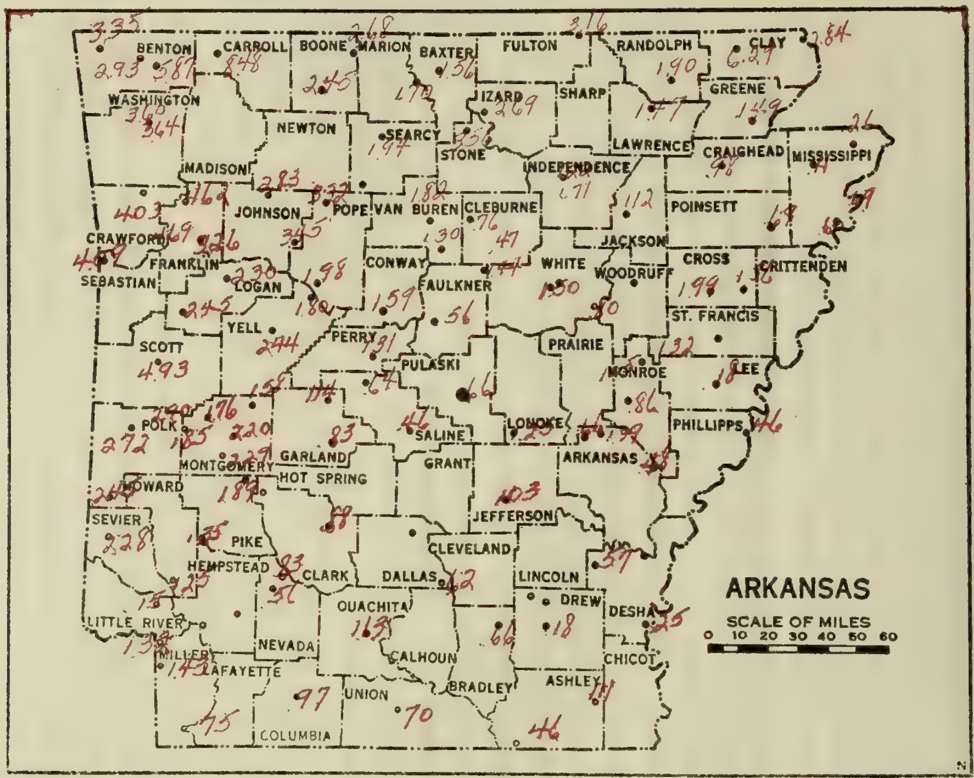
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	71	75	82	82	82	90	90	87	83	66	73	79	80	63	70	78	81	79	80	81	87	88	88	74	80	75	..	62	66	55	64	77.0
	Minimum	32	37	45	55	65	65	62	68	71	54	37	46	42	45	34	34	40	40	39	39	47	48	44	53	64	62	70	40	26	38	21	47.2
Jonesboro	Maximum	67	73	83	83	81	92	92	90	88	80	73	76	81	71	69	79	73	85	84	84	87	89	91	84	85	82	85	72	66	58	58	79.4
	Minimum	40	39	43	49	57	66	63	68	63	62	46	50	46	41	35	36	47	45	46	45	57	55	49	63	67	69	70	41	32	39	27	50.2
Lead Hill..........	Maximum	70	71	83	87	93	95	97	92	86	80	75	78	82	65	70	80	78	84	86	86	89	88	94	84	90	78	83	55	62	62	65	80.3
	Minimum	30	31	34	43	62	62	60	67	61	54	33	42	38	35	28	31	38	37	38	38	45	39	39	50	67	68	52	35	28	28	20	43.0
Little Rock........	Maximum	69	74	81	82	80	93	91	88	89	76	73	81	84	62	68	76	83	83	84	83	88	88	93	81	80	87	87	75	66	60	63	79.6
[Airway]	Minimum	42	39	43	50	60	65	67	67	70	65	50	53	48	49	38	36	42	46	45	43	55	56	52	59	65	71	74	46	32	43	30	51.6
Little Rock..***	Maximum	66	72	80	81	79	89	87	85	87	74	71	78	80	64	65	74	81	80	81	82	87	87	92	79	80	85	85	59	64	50	62	77.0
	Minimum	45	45	50	57	64	69	68	69	74	56	50	55	55	48	43	43	50	54	52	53	59	64	59	63	69	72	56	46	39	40	34	54.9
Lutherville........	Maximum	71	73	81	82	89	92	95	89	85	80	74	78	79	73	73	77	80	82	83	83	86	88	89	80	86	77	84	64	65	57	54	79.0
	Minimum	37	42	47	54	64	65	64	67	70	60	41	51	49	43	37	41	57	50	50	50	52	57	60	56	67	66	60	39	35	35	28	51.4
Magnolia..........	Maximum	73	80	86	87	88	94	95	93	93	80	76	82	85	71	74	82	87	85	87	88	91	95	95	90	84	89	89	78	68	67	67	83.6
	Minimum	42	38	45	55	65	68	67	67	72	67	50	52	47	52	40	36	42	48	46	46	58	58	55	62	69	70	74	48	32	40	28	52.9
Mammoth Spring.	Maximum	69	74	83	85	87	90	93	90	87	76	73	83	84	72	69	80	72	84	84	84	87	87	92	85	88	79	81	58	66	58	57	79.3
	Minimum	34	35	38	48	53	63	64	65	67	59	40	41	40	39	29	32	41	41	42	41	47	46	49	53	66	70	58	39	31	33	24	46.1
Marianna...	Maximum	66	72	79	80	82	89	89	89	88	83	72	77	78	69	67	74	79	81	79	82	86	91	90	84	84	87	85	73	63	60	58	78.6
	Minimum	42	38	44	51	62	68	70	68	69	67	49	50	47	47	35	36	41	45	45	44	55	50	51	61	70	71	70	45	30	44	31	51.5
Marked Tree....§§	Maximum	67	74	81	82	80	91	92	89	88	75	72	80	81	60	70	76	76	84	83	84	92	87	90	84	85	83	85	60	63	60	57	78.4
	Minimum	40	37	42	50	58	62	64	66	65	67	47	50	44	40	34	35	42	43	44	43	51	53	47	58	63	66	70	42	30	35	28	48.9
Mena..............	Maximum	73	80	84	85	85	95	94	93	87	78	71	80	82	64	72	80	84	81	83	83	89	90	89	78	82	79	87	65	66	57	65	80.0
	Minimum	38	38	44	55	64	68	68	68	68	56	44	49	48	48	41	40	48	48	47	48	60	57	53	64	67	71	65	45	36	41	29	52.1
Monticello.	Maximum	70	77	84	82	86	91	92	89	89	85	73	79	82	70	72	78	82	83	85	80	90	93	95	85	80	88	90	73	69	62	60	81.1
	Minimum	43	45	49	57	61	66	69	66	71	71	52	54	52	52	40	45	44	51	50	50	58	58	60	60	69	71	72	48	39	45	28	54.7
Morrilton ....§§	Maximum	71	74	83	84	85	93	92	90	90	72	75	81	81	63	68	87	84	84	84	81	91	90	94	83	89	85	81	64	70	58	62	80.3
	Minimum	38	38	41	47	55	63	66	69	71	64	45	47	41	47	32	34	39	44	43	41	45	50	47	50	63	69	72	42	34	38	27	48.5
Mountain Home...	Maximum	72	77	87	87	92	94	96	92	89	78	75	78	83	67	73	84	84	85	87	86	90	89	95	85	91	79	85	61	73	63	64	82.0
	Minimum	33	36	40	49	65	66	67	65	67	50	37	46	44	38	44	34	38	44	45	45	51	47	47	55	63	70	52	37	31	37	23	47.3
Mt. Ida............	Maximum	72	77	83	84	85	92	93	90	86	79	74	82	85	66	71	81	85	83	85	86	91	93	93	79	83	83	88	67	69	61	69	81.1
	Minimum	33	32	36	46	65	65	65	66	66	59	38	46	41	43	30	31	36	39	38	36	45	49	42	53	71	71	66	39	27	35	24	46.5
Nashville..........	Maximum	71	76	81	85	86	93	93	89	87	80	72	80	83	77	71	79	85	82	83	85	90	91	92	81	85	89	89	73	69	61	66	81.4
	Minimum	41	41	45	51	54	72	64	69	73	63	59	53	51	53	54	55	46	49	47	48	53	55	58	59	68	73	71	45	34	41	28	54.0
Newport...........	Maximum	69	74	82	83	80	92	91	89	88	80	75	79	82	72	70	77	78	83	84	83	88	90	93	85	85	82	85	74	65	60	60	79.9
	Minimum	37	37	41	48	62	66	67	67	80	65	47	50	45	43	32	34	42	43	45	41	51	50	47	59	68	70	73	43	31	40	31	50.2
Oden......... ..***	Maximum	70	77	83	87	85	92	91	88	85	68	75	81	81	61	70	80	83	82	82	83	88	90	90	78	82	81	86	63	68	58	69	79.3
	Minimum	43	35	45	53	70	67	70	70	68	52	42	50	46	40	34	36	43	45	43	43	52	58	50	66	70	70	55	37	29	42	29	50.1
Okay.............	Maximum	75	78	84	86	86	96	95	91	89	88	78	80	85	85	71	79	85	83	85	87	92	95	95	91	86	90	90	89	68	65	68	84.4
	Minimum	33	37	40	54	66	68	68	71	72	63	45	49	46	50	36	37	40	47	42	43	50	51	48	61	69	73	72	46	30	38	24	50.6
Ozark.............	Maximum	72	74	83	85	93	94	95	90	87	72	75	79	80	67	67	76	81	83	81	83	88	88	92	83	85	88	83	65	65	55	61	79 7
	Minimum	37	41	45	54	64	67	64	71	67	56	40	49	45	47	41	39	44	46	46	45	52	48	49	56	57	66	57	39	35	35	27	49.3
Paragould....... .	Maximum	65	70	77	84	78	87	89	86	86	81	70	79	77	72	64	72	68	79	78	79	83	83	85	82	83	80	84	73	61	57	59	76.5
	Minimum	39	37	40	46	55	61	62	66	62	65	45	49	41	41	33	34	42	42	43	42	51	58	45	55	67	69	72	41	29	40	39	48.7
Pine Bluff.........	Maximum	69	75	85	86	82	93	92	90	89	81	72	79	82	66	66	79	82	85	86	88	91	91	96	86	82	90	83	76	70	65	63	81.3
	Minimum	46	43	47	56	63	70	70	69	74	66	52	55	52	51	42	41	46	49	49	49	60	61	60	61	71	73	74	48	35	45	31	55.1
Pocahontas.......	Maximum	71	75	82	83	79	89	92	89	89	82	74	76	83	79	72	78	73	84	83	84	87	86	91	85	85	81	88	72	65	60	59	80.0
	Minimum	41	40	40	47	59	61	61	66	64	62	44	47	43	40	35	33	42	44	45	43	50	53	47	54	68	70	68	40	30	38	30	48.5
Portland	Maximum	66	73	80	82	85	89	88	88	90	85	75	75	79	70	69	75	79	81	82	86	87	88	92	89	78	87	85	78	64	63	58	79.5
	Minimum	41	39	42	48	55	60	64	61	65	67	50	51	46	48	33	37	37	41	40	44	54	53	52	51	65	69	68	47	28	41	29	49.2
Prescott...........	Maximum	72	78	84	86	85	95	94	91	90	82	73	80	83	80	71	79	85	84	85	87	92	92	95	88	84	90	90	86	68	64	63	83.1
	Minimum	44	42	45	53	65	69	69	68	76	69	49	54	59	54	38	39	44	48	47	47	57	58	56	63	69	75	75	47	33	42	32	54.4
Rogers	Maximum	71	79	83	85	89	91	94	89	86	68	73	77	79	70	72	79	80	80	82	82	86	88	89	84	85	79	76	59	66	52	63	78.6
	Minimum	32	35	44	56	69	59	74	72	67	51	38	45	44	40	35	38	43	43	43	45	52	44	44	62	65	66	55	36	36	34	25	48.1
Russellville......‡‡	Maximum	74	75	85	87	91	95	95	88	89	86	84	82	82	80	71	80	85	85	85	86	90	92	96	91	89	85	87	78	70	63	63	83 5
	Minimum	64	40	48	49	58	66	82	80	73	60	44	51	46	46	35	36	43	45	48	43	51	50	46	59	71	69	72	41	34	39	29	52.2
St. Charles ......§§	Maximum	68	74	80	81	83	91	90	88	87	81	71	78	80	61	69	75	79	81	80	85	88	89	93	85	81	87	85	60	65	61	57	78.5
	Minimum	42	41	46	53	60	67	67	66	67	72	50	50	49	48	35	39	43	47	47	46	56	57	52	57	64	70	72	41	33	43	32	52.0
Searcy	Maximum	71	77	85	85	82	93	92	90	88	81	75	83	82	67	71	80	83	85	85	84	92	92	94	83	85	86	86	77	67	61	60	81.4
	Minimum	40	38	42	48	60	63	63	65	69	66	47	51	48	46	33	36	42	45	45	43	50	52	48	55	67	71	73	44	31	41	28	50.0
Stuttgart	Maximum	68	74	52	83	85	91	92	89	87	80	71	78	80	70	67	76	80	83	82	85	89	88	94	84	82	89	87	73	64	62	58	78.8
	Minimum	41	42	45	52	60	65	66	65	69	71	49	53	50	43	37	49	45	47	47	46	56	56	56	57	67	70	72	46	33	41	29	52.4
Stuttgart . ....‡‡§§	Maximum	67	74	82	82	84	90	89	87	89	79	72	78	80	61	69	76	81	83	83	85	88	89	92	84	84	87	87	60	65	61	58	78.9
	Minimum	41	41	46	52	58	64	68	67	66	71	49	51	48	49	37	37	42	46	46	44	50	50	53	58	62	69	72	54	32	43	30	51.5
Subiaco	Maximum	72	88	86	86	93	97	97	92	90	85	74	79	80	77	69	77	82	85	85	87	89	91	94	86	90	81	85	70	67	60	61	82.4
	Minimum	36	44	44	51	63	65	63	68	73	55	41	50	45	43	35	37	43	46	46	45	56	51	51	67	69	64	66	41	33	36	29	50.2
Texarkana	Maximum	75	82	88	89	89	97	96	94	90	82	74	82	86	72	73	81	87	87	88	88	93	96	96	83	88	91	90	80	72	62	67	84.5
	Minimum	42	42	51	58	65	70	70	69	75	68	49	53	52	55	39	43	47	50	49	51	59	57	58	65	60	73	75	47	38	42	29	54.9
Thornburg	Maximum	71	72	81	82	83	92	93	90	87	77	74	83	84	66	75	83	84	84	85	86	91	92	94	81	85	85	89	72	70	58	64	81.1
	Minimum	31	30	34	48	63	66	63	70	70	57	38	46	41	43	27	29	36	39	40	35	50	54	54	52	68	70	70	42	27	35	20	46.7
Turnpike..........	Maximum	66	71	75	77	82	85	85	81	77	72	67	73	75	67	65	72	75	76	76	76	82	83	85	75	80	72	79	57	60	53	55	73.4
	Minimum	38	44	52	57	61	66	66	67	66	54	44	57	54	36	37	47	59	56	56	59	61	68	62	61	62	63	49	34	34	33	28	52.7
Waldron	Maximum	..	89	85	..	..	96	..	..	95	85	78	82	83	75	..	..	..	84	85	85	..	91	93	90	85	80	88	81	..	..	..	....
	Minimum	..	35	50	..	..	67	..	..	69	55	40	48	44	46	..	..	.	42	42	41	..	49	46	60	71	66	65	43	..	..	..	....
Warren	Maximum	69	77	83	84	86	93	91	90	89	89	74	79	82	72	71	78	82	84	85	89	89	94	95	85	80	87	87	74	69	65	61	81.7
	Minimum	41	38	43	49	62	66	69	64	70	70	49	52	45	50	34	36	40	44	42	44	60	60	55	60	68	71	71	40	30	42	30	51.5
White Rock	Maximum	67	70	76	78	85	84	86	84	80	76	70	73	77	69	60	73	77	75	77	77	84	82	84	77	68	72	70	77	62	57	59	74.4
	Minimum	43	45	52	59	63	68	68	67	67	48	47	57	52	40	39	49	55	58	58	60	60	65	60	61	62	62	54	38	39	35	31	53.6
Wilson	Maximum	68	78	80	83	83	89	90	88	90	80	78	62	68	75	76	78	76	79	79	84	81	83	80	86	86	81	82	76	65	60	60	78.2
	Minimum	38	44	44	54	60	68	63	64	66	68	45	49	40	31	50	50	50	43	50	45	54	60	61	65	66	67	71	40	31	39	36	52.0
Wynne	Maximum	67	76	84	85	85	92	93	91	90	82	74	80	83	75	70	77	80	85	84	85	89	90	93	86	86	85	88	73	66	63	59	81.2
	Minimum	36	36	43	53	60	65	67	67	69	69	46	49	45	53	35	34	42	44	52	43	53	50	52	60	64	69	70	40	30	40	26	50.4

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for October, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.260	.181	.119	.191	.228	.081	.231	.250	.111	.260	157	.250	.012	.171	.230	.177	.161	.134	.175	.170	.110	.200	.184	.260	.100	.096	.092	.233	.228	.129	.168	5.409
	Mean tem.	56	58	63	66	70	80	81	81	78	73	60	66	66	59	55	58	64	64	64	65	68	75	75	72	74	80	80	55	50	51	47	66.2
	Wind move	64	22	23	27	48	33	38	70	58	31	36	42	23	33	70	16	8	25	7	23	19	30	18	49	55	55	93	92	32	40	66	1246
Irons Fork... §§ Exp. Forest	Evap.	.164	.092	.116	.179	.122	.075	.167	.154	.155	.109	.137	.080	092	123	.106	.077	.066	.074	.085	.080	067	.086	.072	.132	.039	.095	.041	.160	.061	.041	.057	3.104
	Mean tem.	52	56	64	68	74	78	76	78	77	60	55	62	61	54	52	56	60	60	60	60	67	68	66	64	72	68	....	51	46	46	42	62.1
	Wind move	15	9	17	22	32	12	17	17	24	14	11	4	2	8	11	5	1	4	3	1	5	3	1	14	33	19	22	20	4	12	10	372
Russellville, ... Ozark Nursery.	Evap.	.208	.114	.218	.142	.188	.176	.348	.132	.196	230	.150	.114	188	206	.114	.116	.140	.186	144	.146	.174	.114	.200	.170	.142	.098	.144	.128	.264	.092	112	5.094
	Mean tem.	70	55	66	68	74	80	88	84	81	73	60	66	64	63	53	58	64	65	66	64	70	71	71	75	80	77	80	60	52	51	46	67.8
	Wind move	30	19	51	9	21	33	37	28	42	68	27	15	26	84	48	2	11	16	21	4	19	11	13	46	59	20	69	52	12	72	41	966
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.060	110	.123	.134	.152	.091	.169	155	.216	.163	.125	114	.086	.138	.152	.089	.083	.084	.113	.095	.100	.146	.107	.208	.149	.079	.122	.174	.091	.092	.100	3.830
	Mean tem.	54	58	64	67	71	77	78	77	77	75	60	64	64	55	53	56	62	64	64	64	69	70	72	71	73	78	80	57	48	52	44	65.2
	Wind move	41	26	22	29	67	82	70	62	74	101	61	32	12	54	70	18	13	9	17	11	15	55	10	65	103	125	155	132	15	37	63	1646

Precipitation for October, 1939



Daily River Stages for October, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Fort Smith	Arkansas	22	....	....	....	....	....	..	....	...	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	..	....	....	..
Van Buren	do	22	2.3	2.2	2.2	2.2	2.2	2.1	2.2	2.1	2 1	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2 5	2.8	2.9	2.9	2.
Mulberry	Mulberry	..	0.6	0.6	0.6	0.6	0.5	0 5	0.5	0.5	0.5	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0 6	0.6	0.6	0.7	0.9	1.1	1.1	1.0	1.
Danville	Petit Jean	20	2.3	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2 2	2.3	2.3	3 6	3.4	3.0	2
Ozark	Arkansas	22	-1.4	-1.3	-1.4	-1.5	-1.5	-1.5	-1.6	-1.6	-1.6	-1.4	-1.4	-1.4	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.4	-1 4	-1.4	-1.4	-1.3	-1 1	-0.9	-0.9	-0.
Dardanelle	do	22	0.5	0.4	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.3	0.5	0.5	0.6	0.8	1.
Morrilton	do	20	-3 6	-3.7	-3.8	-3.8	-3.9	-3.9	-3 9	-3.9	-3.8	-3.8	-4.0	-3.9	-3.9	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-3.8	-3.9	-3.8	-3.9	-4.0	-3.
Little Rock.	do	23	-1.2	-0.8	-1.0	-1.4	-1.6	-1.6	-1.7	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.3	-1.8	-1.8	-1.8	-1.8	-1 8	-1.8	-1.8	-1.9	-1.9	-1.8	-1.9	-1.9	-1.8	-1.8	-1.8	-1.
Pine Bluff	do	25	2.3	2.4	2.7	2.7	2.4	2.3	2.3	2.1	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1 9	1.9	1.
Gilbert	Buffalo	30	2.6	2.4	2.4	2.3	2 4	2.5	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2 5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.7	2.8	2.7	2.7	2.7	2.
Doniphan, Mo.	Current	10	3.4	3 3	3.2	3.0	2.9	2.9	2.8	2.7	2 7	2.6	2.6	2.6	2 5	2.5	2.5	2.4	2.4	2.4	2.4	2 4	2.4	2.4	2.3	2.3	2.3	2 3	2.3	2.7	2.8	3.0	3.
Black Rock	Black	14	2.5	2.2	1.6	1.6	1 5	1.5	1.5	1.5	1.5	1.8	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.6	1 5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.6	1.7	1.7	1.
Heber Springs.	Little Red	30	1.7	1.8	1.8	1.7	1.7	1.6	1 6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1 3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.
OzarkBeachMo	White	30	-0.5	-0.5	-0.4	-0.5	-0.5	-0.5	0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.5	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.
Cotter	do	21	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2 5	2.5	2.5	2.5	2.
Calico Rock	do	18	0.3	0.4	0.4	0.4	0.4	0.1	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.0	0.2	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0 3	0.3	0.2	0.2	0.1	0.6	0.
Batesville	do	23	4.6	4.5	4.4	4.4	4.4	4.5	4.9	4.6	4.5	4.6	4.5	4 5	4.5	4.5	4 6	4.5	4.5	4.4	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.5	4.7	4 8	4.7	5.0	5.
Newport	do	26	0.2	0.3	0.2	0 0	0.1	0.2	0.2	0.1	0.1	0 1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.
Georgetown	do	21	0.4	0.4	0 5	0.5	0.7	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0 3	0.2	0.1	0.1	0.1	0.1	0.1	0 1	0.
Des Arc	do	24	3.0	3.0	3.2	3.4	3.5	3.4	3.3	3.2	3.1	3.0	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3 2	3.1	3.1	3.1	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.
Clarendon	do	26	6.6	6.6	6.6	6.7	6.8	6.9	6.9	6.8	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6 6	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6
St Charles	do	25	7.3	7.2	7.2	7.2	7 3	7.4	7.5	7.4	7.4	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.2	7.2	7.2	7.1	7.0	7.0	7 0	7.0	6.9	6.9	6.9	6.9	6.
Glenwood	Caddo	..	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5 3	5.2	5.2	5.2	5.2	5.1	5 1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5 2	5.
Arkadelphia	Ouachita	17	4.4	3.9	4.4	4.2	4.5	4.5	4.6	4.1	4.0	5.0	4.3	4.4	4.8	4.3	4.2	3 8	3.6	4.1	4.2	4.3	4.1	4.3	3.9	3.8	4.2	4.3	4.1	4.8	4.9	4.2	3.
Boughton	Little Mo.	20	2.9	3.0	2.9	3.0	3.2	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3 1	3.0	3.0	3.0	3.1	3.2	3.1	3.1	3.1	3.0	3.0	3 1	3.1	3.1	3.1	3.1	3.1	3.
Camden	Ouachita	26	5 1	4.5	4.1	3.9	4.2	4.2	4.5	4 7	4.1	4.5	4 2	4.2	4.4	4 0	4.6	4.6	4.5	4.2	4.0	4.0	4.3	4.4	4.4	4.3	4.3	4.1	4.3	4.5	4.4	4.6	4.
Benton	Saline	20	3.3	3.4	3.5	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.
Whitecliffs	Little River	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....	....	..	....	....	....	....	....	....	..
Index	Red	25	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5 7	5.7	5.7	5.8	5.8	5 8	5.7	5.6	5.6	5 6	6.1	6.4	6.4	6.4	6.4	6 2	6.0	5.8	5.8	5.7	5.7	5.7	5.
Fulton	do	25	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.4	2.6	2.6	3.1	3.1	3.0	3.0	2.7	2 6	2.5	2.4	2.4	2.3	2.
Big Lake Outl't	St. Francis	10	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2 7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2 7	2.7	2.7	2.7	2.7	2 7	2.7	2.6	2.6	2.6	2 6	2.6	2.6	2.6	2.7	2.
St. Francis	do	18	2.9	2.9	2.8	2.8	2.7	2.7	3.1	3.1	3.0	6.5	8.1	7.0	6.5	6.0	5.4	5.1	4.9	4.4	4.2	3.9	3 6	3 4	3.2	2.9	2 9	2.8	3.0	3.2	4.0	4.5	4.
St. Francis L.L.	do	..	16.0	15.0	13.6	15.6	16.5	15.7	14.4	15.5	16.5	15.7	13.4	16.0	16.0	17.0	16.0	15.4	14.5	14.0	16.3	17.1	17.8	18.0	17.8	16.9	17.5	17.9	18.1	17.4	16.5	15.4	13.
Marked Tree	do	17	2.0	1.9	2.6	0.7	0.1	1.9	2.6	1.0	0.1	2.9	2.9	2.5	0.5	0.0	3.0	3.0	2.8	2.6	0.5	0.2	0.1	0.1	3.0	3.2	0 5	0.2	0.2	3.2	3.2	3.0	2.
Parkin	do	28	1.4	2 1	2 8	2.7	2.3	1.6	1.5	2.6	2 3	1.7	1.5	2.6	2.6	2.1	1.4	2.0	2 7	2.8	2.6	2.0	1.4	1.2	1.1	1.4	2.7	2.2	1.5	1.7	2.0	2.9	2.
Madison	do	32	0.9	0.5	0.7	1.2	1 3	1.1	0.6	0.6	1.1	1.2	0.9	0.7	1.0	1 1	0.9	0.4	0.5	1.1	1.2	1.1	0.8	0.4	0.2	0.1	0.3	1.0	0.9	0.7	0.2	0 5	1.
Helena	**Mississippi**	42	1 2	1.0	0.8	0.7	0.5	0.9	1.1	0.7	0.2	0.1	0.3	0.4	0.4	0.4	0.3	0.0	0.3	0.4	0 2	0.1	0.3	0.4	0.5	0 5	0.6	0.6	0 6	0.7	0.7	0.7	0.
Arkansas City	do	42	1 2	1.1	0 9	0.7	0.6	0.5	0.5	0.8	0 7	0.3	-0.1	-0 3	-0.4	-0.5	-0.6	-0.5	-0.3	0.1	0.0	0.1	-0.1	-0.3	-0.4	-0.5	-0.6	-0.7	-0 8	-0.8	-0 8	-0.9	-1.

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations havi or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year peri for stations with 10 to 14 years the means are for the period to 1935, inclusive. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †P office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation r corded is for the 24 hours ending at time of observation. [1] Weather Bureau Station: precipitation is for the 24-hour period, midnight to midnight. [2]Preci tation is measured in the morning; amount then recorded is for the preceding 24 hours ‡Precipitation measured with recording gage. *Included in the next measu ment. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manil Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock. Index, Route 5,Texarkana; Irons Fork, Irons Fo Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Ca Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mt., Norman, Mulberry, R 1, Mulberr

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§The mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office, Little Rock, Ark. 11-29-39-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

O. D. NEUMANN

VOL. XLIV LITTLE ROCK, ARK., NOVEMBER, 1939 No. 11

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

The average temperature for the month, based on the reports of 71 stations, was 48.8°, which is 2.5° below the 49-year average. Monthly means ranged from 42.5° at Lead Hill to 54.2° at El Dorado. Temperatures averaged above the normal from the 7th to the 10th and from the 16th to the 20th. The highest temperature recorded during the month was 87° at Camden on the 8th and at Dumas on the 9th. The lowest temperature was 14° at Gilbert on the 28th and at Thornburg on the 5th. The greatest daily range was 56° reported at Thornburg on the 14th.

The average precipitation for the month, based on the reports of 109 stations, was 3.39 inches, which is 0.35 inch below the 49-year average. Rainfall was above the average at most southwestern stations and several northwestern stations; below elsewhere. Nearly all the precipitation during the month occurred during the period from the 10th to the 19th and on the 30th. Monthly amounts ranged from 0.98 inch at Blytheville to 6.81 inches at Texarkana. The greatest amount recorded in any 24-hour period was 3.60 inches at Fulton on the 18th. Snowfall was reported on the 2d in the northwestern corner of the State Bentonville reported 2.4 inches, Gravette and Eureka Springs 2.0 inches and a half inch at Rogers and Fayetteville. The average number of days with 0.01 inch precipitation was 7.

The first killing frost of the season was reported by many stations on the 4th and 5th. The length of the growing season for scattered stations over the State were as follows: Bentonville, 227 days; Batesville Airway, 207 days; Corning, 202 days; Blytheville, 186 days; Fort Smith, 211 days; Little Rock Airway, 229 days; Marianna, 234 days; Hope, 226 days; and Portland, 224 days.

The small amount of cotton and corn that was still in the fields at the beginning of the month was gathered early in the month. Other out-of-door farm activities were plowing, planting of winter grains, clearing fields, butchering, repairing or building fences and cutting wood for fuel. Indoor feeding for stock was necessary as there was very little grazing.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.32	30.76	27	29.87	10	5.3	24	sw.	9	..	.	.	47
Fort Smith	30.30	30.73	27	29.94	30	5.8	18	s.	9§	80	59	58	38
Little Rock	30.28	30.72	27	29.92	30	6.6	20	ne.	10	87	56	65	49
Memphis	30.27	30.66	27	29.85	19	7.0	24	n.	10	88	56	72	41

Death of Carl A. Starck

Mr. Carl A. Starck, who was our cooperative observer at Rogers continuously for 44 years, passed away early on the morning of November 7th, 1939, at the age of 81 years. He served without compensation, merely for the love of the work and the satisfaction of contributing to the welfare of his fellow men. His work was excellent throughout.

Miscellaneous Phenomena

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog					1			5							1		4	9	5	3	3	2	2	1					2	3	
Light Hail																															
Moderate Hail																															
Thunderstorm												1						1													

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47.8	89	10	1.95	T	5	15	4	11
1921	54.9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50.4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0.1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50.5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T	9	9	6	15
1932	46.7	82	9	1.98	0.1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
1939	48.8	87	14	3.39	T.	7	12	5	13
Period	51.2	96	2	3.74	0.1	5	12	7	11

Corrections

September, 1939. Searcy, wind direction should be SE. Warren, partly cloudy days, 3; cloudy 20. White Rock, greatest precipitation in 24 hours 0.67 inch.

October, 1939. Hope wind direction should be SW. Mena wind direction should be NW.

Climatological Data for November, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	3	....	....	79	7	..	..	..	2.17	....	0.63	T.	7	8	13	9	e.	L. R. Water Works
Amity	Clark	500	44	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. W. Campbell
Arkadelphia	Clark	200	44	49.6	....	82	8	20	5	51	3.67	+0.12	1.20	0	10	13	5	12	ne.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	55	....	....	....	....	....	....	....	3.42	−0.36	1.31	0	3	15	4	11	....	Herbert Neff
Batesville Airway	Independence	363	3	47.7	−1.5	77	7§	21	5	45	.	....	1.16	0	.	10	4	16	nw.	Airway Observer
Batesville	Independence	277	40	....	....	....	....	....	....	....	2.54	−0.89	1.61	0	8	11	5	14	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	49.7	−1.1	75	7§	20	4	43	1.90	−1.76	0.75	0	5	11	4	15	n.	J. E. Scanlan
Benton	Saline	285	4	46.9	....	79	7§	20	5§	53	2.46	....	0.70	0	4	15	5	10	nw.	S. A. Burks
Bentonville	Benton	1295	34	45.6	−2.6	72	7	22	3	38	3.19	+0.18	1.08	2.4	9	9	5	16	s.	U. S. Weather Bureau
Big Lake Outlet †	Mississippi	239	9	....	....	....	....	....	....	....	1.35	....	0.57	0	5	14	2	14	....	C. J. Brooks
Black Rock	Lawrence	259	38	.	....	....	....	....	....	....	2.36	−1.55	1.13	0	4	14	1	15	n.	Vernon C. Howe
Blytheville	Mississippi	252	14	47.6	−3.8	77	9	23	5	40	0.98	−3.25	0.37	0	5	16	2	12	s.	Samuel Norris
Booneville	Logan	465	25	49.3	−3.3	80	7	21	28	41	3.07	−0.17	1.06	0	9	12	6	12	ne.	F. H. Randolph
Boughton †	Clark	235	4	....	....	....	....	....	....	....	3.97	....	1.35	0	7	16	3	11	....	Harry J. Buie
Brinkley	Monroe	205	48	47.7	−4.2	76	9	18	5	43	3.22	−0.74	1.13	0	6	12	5	13	ne.	R. J Torry
Calico Rock	Izard	361	35	....	....	....	....	....	....	....	2.35	−1.16	1.20	0	8	9	5	16	....	William Jones
Camden	Ouachita	116	54	51.5	−0.7	87	8	21	5	46	5.41	+1.47	2.70	0	6	17	1	12	se.	J M Knight
Clarendon	Monroe	172	35	....	....	....	....	....	....	....	3.08	−0.77	1.07	0	7	10	4	16	n.	R. M. Wheatley
Clinton	Van Buren	516	18	.	....	....	....	....	....	....	2.36	−1.08	1.02	0	4	13	4	13	n.	A L. Stephens
Conway	Faulkner	309	56	49.9	−2.0	80	9	19	5	47	2.83	−0.77	0.87	0	9	12	5	13	s.	E. E Cordrey
Corning	Clay	293	46	48.2	−2.4	77	9	20	5§	46	1.94	−1.82	1.28	0	5	13	1	16	nw.	Winfred D. Polk
Cotter	Baxter	440	12	....	....	....	....	....	....	....	1.74	−0.59	0.80	0	5	14	2	14	....	O. B. McSpadden
Crossett	Ashley	175	27	51.7	−2.3	81	8	20	5	43	2.53	−1.35	1.72	0	3	8	10	12	n.	U. S. Forest Service
Danville	Yell	327	23	....	....	....	....	....	....	....	2.20	−0.37	1.12	0	11	12	2	16	....	J. M. Patterson
Dardanelle	Yell	330	53	49.2	−2.7	80	7	22	5§	42	2.27	−1.04	0.87	0	9	8	6	16	s.	Geo. N. Goodier
De Queen	Sevier	426	4	51.4	....	81	1§	23	28	46	4.60	....	0.80	0	10	13	4	13	ne.	E. B. Smith
Des Arc	Prairie	204	1	..	....	....	....	....	....	....	3.52	....	1.14	0	6	10^{e}	0^{e}	17^{e}	....	Z. R. Glenn
Devils Knob †	Johnson	2350	3	46.3	....	70	7	21	4	28	4.04	....	1.16	0	8	14	0	16	se.	U. S. Forest Service
Dumas	Desha	162	34	51.4	−2.3	87	9	20	4	48	3.72	−0.48	1.90	0	5	10	10	10	n.	Ben Johnson
El Dorado	Union	270	39	54.2	−1.0	85	9	26	5	40	5.62	+1.56	2.90	0	5	17	2	11	n.	Mrs E. W. Gaston
England	Lonoke	229	33	49.8	−3.4	84	8	25	29	44	3.30	−0.49	1.30	0	4	9	13	8	n.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	46.7	−4.2	74	7	22	4	40	3.31	+0.21	0.90	2.0	7	15	3	12	.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	46.2	....	73	8	21	28	40	3.07	....	0.82	0.5	11	7	7	16	.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	46.4	−3.1	75	8	22	4	42	3.30	+0.43	0.84	T.	9	10	6	14	.	University of Arkansa
Fordyce	Dallas	275	11	52.2^{f}	....	76^{f}	8§	27^{f}	6	37^{f}	6.54	....	2.40	0	7	14^{e}	6^{e}	5^{e}	ne.	Miss Mercille McMurr
Fort Smith	Sebastian	448	58	49.2	−1.8	76	7	28	28	30	3.84	+0.97	1.29	0	7	10	5	15	e.	U. S. Weather Burea
Ft. Smith Wtr. P. †	Crawford	...	2	..	....	....	....	....	....	....		..	0.87	0	7	14	2	14	....	T. J. Wylie
Fulton	Hempstead	260	54	....	....	....	....	....	....	....	6.75	+3.25	3.60	0	8	13	3	14	....	T. J. Logan
Georgetown	Woodruff	200	27	....	....	....	....	....	....	....	3.03	−0.76	0.90	0	6	14	1	15	....	C. G. Long
Gilbert	Searcy	600	14	44.7	....	79	7	14	28	54	2.22	−0.13	1.19	0	6	15	2	13	....	F. E. King
Glenwood	Pike	547	4	....	....	....	....	....	....	....	2.83	....	0.80	0	11	15	6	9	....	C. A. Price
Grannis	Polk	950	20	51.0	0.0	80	1	24	28	42	4.56	+0.44	1.31	0	10	14	6	10	e.	W. E. McVay
Gravette	Benton	1250	42	44.2	−6.8	72	7§	22	3§	44	2.76	−0.40	0.85	2.0	6	17	5	8	nw.	Max W. Schmidt
Green Mountain †	Stone	1100	3	46.9^{c}	....	72^{c}	7§	27^{c}	4	29^{c}	....	....	....	T.	..	11^{c}	3^{c}	13^{c}	ne.	U. S. Forest Service
Hankins †	Drew	....	2	....	....	....	....	....	....	....	4.86	....	1.90	....	.	..	.	..	....	Soil Conservation Ser
Harrison	Boone	1052	39	44.6	−4.1	72	9	20	4§	45	3.31	+0.50	0.84	T.	9	11	3	16	ne.	Louis R. Keck
Heber Spgs. (near)	Cleburne	....	10	...	....	....	....	....	....	....	2.25	....	1.07	0	6	12	4	14	....	Lester B. Logan
Helena	Phillips	300	67	49.8	−3.2	78	9	21	5	40	2.40	−2.04	0.65	0	8	11	6	13	ne.	James A. Burnett
Higden	Cleburne	445	20	....	....	....	....	....	....	....	2.96	−1.60	1.02	0	6	13	5	12	e.	Austin E. Cartwright
Highland	Pike	491	20	51.8	....	80	8	29	4§	39	5.55	+2.03	1.31	0	9	9	10	11	ne.	J. O. Cooley
High Peak †	Montgomery	1834	1	....	....	....	....	....	....	....	1.85	....	....	0	8	13	4	13	n.	U. S. Forest Service
Hope ‡	Hempstead	375	69	49.7	−4.5	81	8	21	5	49	4.09	+0.33	1.26	0	7	11	12	7	ne.	Experiment Farm
Hot Springs	Garland	600	48	50.4	−2.4	77	8	26	5§	35	4.63	+0.73	1.10	0	9	14	5	11	s.	National Park Servic
Index †	Little River	275	22	....	....	....	....	....	....	....	5.98	+3.08	2.33	0	7	20	2	8	....	W. E. McDowell
Irons Fork †‡	Polk	....	1	45.2	....	78	8	18	28	44	3.39	....	0.88	0	10	9	11	10	ne.	U. S. Forest Service
Jessieville	Garland	750	13	....	....	....	....	....	....	....	2.96	−1.37	0.90	0	5	8	12	10	w.	U. S. Forest Service
Jonesboro	Craighead	345	44	47.7	−3.5	78	9	23	5	40	2.60	−0.79	1.00	0	8	11	5	14	ne.	Benedictine Sisters
Lead Hill	Boone	650	33	42.5	−5.9	74	7	15	14§	50	3.48	+0.72	1.20	T.	9	12	2	16	w.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	60	50.0	−2.1	76	9	29	5	33	3.93	−0.26	1.26	0	9	14	2	14	ne.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	3	49.6	....	77	7§	21	5	40	3.67	....	1.12	0	9	10	6	14	ne.	W. B. Airport Station
Lutherville †	Johnson	775	41	48.6	−2.4	75	9	26	28	35	4.92	+1.51	1.52	0	5	11	4	15	sw.	H. G. Leuhardt
Madison	St. Francis	209	9	....	....	....	....	....	....	....	2.51	....	0.65	T.	8	13	0	17	....	J. W. Eppes
Magnolia	Columbia	315	23	52.7^{d}	−2.3	82^{d}	8	21^{d}	5	44^{d}	6.75	+2.72	....	0	6	8^{d}	10^{d}	8^{d}	ne.	State Agri. School
Mammoth Spring	Fulton	600	35	45.8^{a}	−2.9	75^{a}	9	18^{a}	28	46	3.28	+0.01	1.85	0	5	12^{a}	5^{a}	12^{a}	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	28	48.2^{b}	−4.1	77^{b}	9	25^{b}	28	37^{b}	2.59	−0.91	0.82	0	5	12^{b}	6^{b}	10^{b}	n.	C. N. Houck
Marked Tree	Poinsett	229	35	47.0	−2.2	73	7§	19	5	44	2.11	−2.04	1.16	0	6	15	5	10	n.	Charles Walton
Mena	Polk	1207	51	49.6	−2.6	79	8	25	28	37	3.04	−0.58	0.82	0	10	16	2	12	nw.	E. W. St. John
Monticello Airway	Drew	273	3	52.6	....	81	8	26	28	42	3.73	....	1.94	0	6	11	8	11	ne.	Airway Observer
Monticello †	Drew	273	4	....	....	....	....	....	....	....	3.65	....	1.80	.	4	..	..	..	....	Soil Conservation Ser
Moutongo †	Drew	....	4	....	....	....	....	....	....	....	4.46	....	2.00	.	5	..	..	..	....	Soil Conservation Ser
Morrilton	Conway	315	20	47.3	−3.6	79	9	21	5	47	1.31	−1.97	0.69	0	8	11	12	7	ne.	Mrs. Nova Berry
Mountainburg	Crawford	2010	2	....	....	....	....	....	....	....	3.87	....	1.27	0	7	16	3	11	n.	C. A. Lovell
Mountain Home	Baxter	800	27	46.1	−2.5	77	8	19	27	48	3.91	+1.08	1.29	0	6	10	2	18	w.	H. N. Halbert
Mountain Valley	Garland	273	2	....	....	....	....	....	....	....	2.78	....	0.88	0	7	14	4	12	n.	J. G. Scott
Mount Ida	Montgomery	702	40	48.0	−2.6	82	8	16	28	50	2.82	−1.61	0.86	0	7	12	4	14	ne.	G. A. Whittington
Mulberry †	Franklin	....	1	....	....	....	....	....	....	....	2.57	....	1.25	0	4	16	4	16	....	A. J. McMath
Nashville	Howard	350	1	52.2	....	80	8	28	4§	44	5.68	....	1.42	0	9	17	2	11	n.	H. B. Carruth
Newport	Jackson	231	56	48.0	−3.0	77	9	20	5	42	3.48	−0.16	2.18	T.	7	10	8	12	s.	J. D. Henderson
Oden	Montgomery	800	12	50.6	....	83	8	24	4§	43	3.03	....	0.82	0	7	15	4	11	nw.	U. S. Forest Service
Okay	Howard	288	11	51.6	....	82	8	21	4	54	5.90	....	1.68	0	9	11	7	12	nw.	Charles R. Jackson
Osceola	Mississippi	250	39	..	....	....	....	....	....	....	1.82	....	0.73	0	5	13	8	9	....	G. H. Banks
Ozark	Franklin	396	44	48.4	−3.0	75	9	23	28	36	2.35	−0.44	0.66	0	7	9	4	17	w.	Orkney O. Milton
Paragould	Greene	275	16	46.3	....	75	9	20	5	38	2.64	−0.81	1.40	0	6	14	7	9	n.	J. E. Garrett
Parkin	Cross	222	9	....	....	....	....	....	....	....	1.71	....	0.72	0	5	14	3	13	....	Carroll King
Pine Bluff	Jefferson	215	52	51.6	−1.7	77	8	25	5	39	4.58	+0.58	1.75	0	8	13	5	12	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	....	....	....	....	....	....	....	3.08	−1.17	1.53	0	4	12	9	9	w.	J R. Huddleston
Plantersville †	Drew	....	2	....	....	....	....	....	....	....	4.75	....	1.83	.	5	..	..	..	....	Soil Conservation Ser
Pocahontas	Randolph	300	46	46.7	−3.4	76	7	20	5§	50	2.78	−0.73	1.13	0	5	11	6	13	n.	Benedictine Sisters
Portland	Ashley	122	33	51.2	−3.1	80	9§	19	5	46	2.65	−1.28	1.90	0	2	11	8	11	ne.	W E. Edmiston
Prescott	Nevada	318	51	52.3	−1.9	83	8	25	5	37	3.94	+0.31	1.12	0	9	14	5	11	se.	Craig Williams
Rock Springs †	Drew	....	4	....	....	....	....	....	....	....	5.09	....	2.25	.	5	..	..	..	....	Soil Conservation Ser
Rogers (near) †	Benton	1300	49	45.4	−3.6	72	7§	20	28	43	2.70	−0.22	0.86	0.6	8	12	4	14	n	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	5	....	....	....	....	....	....	....	3.24	....	1.48	0	3	13	9	8	n.	G. A. Maddox
Ross †	Drew	....	2	....	....	....	....	....	....	....	4.10	....	1.96	.	5	..	..	..	....	Soil Conservation Ser
Russellville	Pope	526	27	50.4	+0.6	80	7	23	5	42	3.33	−0.62	1.46	0	8	17	0	13	ne.	U. S. Forest Service
St. Charles	Arkansas	175	6	49.0^{a}	....	78^{a}	9	24^{a}	5	40^{b}	3.69	....	1.08	0	7	9	8	13	e.	U. S. Biological Surve
St. Francis	Clay	290	12	...	....	....	....	....	....	....	2.09	−1.69	0.98	0	5	20	0	10	....	A Boyce Boyd, Jr.
Searcy	White	245	29	49.5	−1.5	78	9	22	5	44	3.08	−0.80	1.05	0	7	14	1	15	ne.	Walter A. Smith
Springbank †	Miller	240	30	..	....	....	....	....	....	....	6.66	+2.85	2.40	0	9	16	1	13	....	Henry Field
Story	Montgomery	650	15	....	....	....	....	....	....	..	2.02	−1.94	0.60	0	5	15	5	10	s.	S. C Story
Stuttgart	Arkansas	214	52	50.7	−1.7	79	9	24	5	39	3.06	−0.76	1.14	0	6	16	6	8	n.	Mrs. B. E. Swim
Stuttgart ‡	Arkansas	210	4	49.5	....	80	9	22	5	43	3.35	....	1.06	0	6	..	..	..	....	Rice Experiment Sta.

Climatological Data for November, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	42	49.0^{a}	− 3 8	76	9	23^{e}	4†	40^{e}	3.01	−0.08	1.02	0	8	14	8	13	w.	New Subiaco Abbey
Texarkana	Miller	332	54	53.6	− 1 6	84	8	24	4	43	6.81	+3.39	2.10	0	7	16	1	13	n.	H. S. Brashear
Thornburg	Perry	650	19	47.2	− 3 6	83	7	14	5	56	1.41	−2.19	0.60	0	8	9	9	12	n.	Edward E. Holmes
Turnpike†	Pope	2240	15	46.0		71	7	24	3	32	4.14	+0.33	1.65	0	7	11	4	15	se.	U. S. Forest Service
Underwood†	Drew		2								4.05		1.75		5					Soil Conservation Ser.
Waldron	Scott	675	20	50.1^{b}		83^{b}	8	21^{b}	28	50^{b}	2.08	−1.25	0.67	0	7	6^{b}	9^{b}	13^{b}	ne.	Wilson Ferguson
Warren	Bradley	206	45	51.6	− 2.2	81	8	21	5	44	3.57	−0.46	2.00	0	4	7	1	22	nw.	C. N. Turner
Whitecliffs	Little River	290	33								3.93	+0.90	1.23	0	6	18	0	12		L. M. Snead
White Rock†	Franklin	2285	3	46.4		69	1§	26	3§	25	4.50		1.71	0	9	12	5	13	ne.	U. S. Forest Service
Wilson	Mississippi	237	14																	D. O. Anderson
Wynne	Cross	167	31	47.4	− 3.4	78	9	20	5	44	2.01	−1.90	0.77	0	5	12	7	11	n.	B. M. Eddins
State Means				48.8	− 2.5	87	8	14	5	56	3.39	−0.35	3.60	T.	7	12	5	13	n.	

Daily Precipitation for November, 1939

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser.†	Ouachita			T.							.63	.01	.35			T.	T.	.29	.29	.05	T.									T	.55		2.17
Amity	Ouachita																																....
Arkadelphia[2]	Ouachita							.01			.03	.72	1.20	.11		.11	.08		.98	.38											.05		3.67
Arkansas City[2]	Mississippi											.86	1.25	1.31																			3.42
Batesville Airway	White							.05			.66						.03	.02	1.16												.20		..
Batesville River[2]	White							.04			T.	.58					.05	.05	.17	1.61	.03	.01											2.54
Bee Branch	Arkansas										.75						.10		.40	.30											.35		1.90
Benton[2]	Saline				T.							.58	.65				T		.70	.53											T.		2 46
Bentonville[1]‡	Arkansas		.24				T.			T.	.35					.22	.31	.77	.15	.02										.05	1.08		3.19
Big Lake Outlet †[2]	St. Francis			T.				.23			T.	.57							.22	.31	.02												1.35
Black Rock[2]	White			T.							.70							T.	.50	1.13	.03	T.											2.36
Blytheville[2]	St Francis			T				.05				.37							.14	.16	.26												0.98
Booneville	Arkansas			.05							.80					.32	.23	.33	.05	.18										.05	1.06		3.07
Boughton †[2]	Ouachita											.56	1.35			.29	.08		1.06	.53											.10		3.97
Brinkley	White							.10			.70	.02	.92						1.13	.35													3.22
Calico Rock[2]	White			.06							.10	.70					.02	.01	.16	1.20	.10										T		2.35
Camden[2]	Ouachita										.04	1.88	2.70						.05	.72											.02		5.41
Clarendon[2]	White							.03				.76	.45	.30			T		.44	1.07	.03												3.08
Clinton	White						T.				1.02					T.	.05		.42	T.										T.	.87		2.36
Conway	Arkansas							.06			.87	.03	.19				.06	.11	.55	.32											.64		2.82
Corning[2]	White										.33								.19	1.28	.10										.04		1.94
Cotter[2]	White			.10				T.			T.	.50					.10	T.	.24	.80													1.74
Crossett ..[near]..	Ouachita										30	.51	1.72																				2.53
Danville[2]	Arkansas			.02							T	.61	.06				.07	.03	.23	1.12	.03										.03		2.20
Dardanelle[2]	Arkansas			.03				.02			.10	.87						.04	.29	.83	.06										.03		2.27
De Queen	Red							.01			.61	.45	.50			.27	.10	.80	.16	.05											1.65		4.60
Des Arc[2]	White							T.				.75	.50						.19	1.14	.04										.90		3.52
Devils Knob †	Arkansas										1.12						.31	.40	.21	.77	.02									.02	1.16		4.04
Dumas	Mississippi										1.40	.20	1 90							.05											.17		3.72
El Dorado[2]	Ouachita											1.49	2.90	.79					.20	.24													5.62
England	Arkansas										.60		1.10						1.30												.30		3.30
Eureka Springs	White		.22								.40						.68	.68	.40		.03										.90		3.31
Fayetteville	White		.02	03			T	T.			.55					.05	.55	69	.24	.01	.01	T.								.10	82		3.07
Fayetteville Exp. S	White		.04	T.			T.				.69					.04	.60	.76	.21	.04	T.	T.								.08	.84		3.30
Fordyce	Ouachita										1.06	*	*	2.80				.03	2.40												.25		6.54
Fort Smith[1]‡	Arkansas			T.			T.				1.01					.21	.22	.66	.37	T.										.08	1.29		3.84
Fort Smith W. †[2]	Arkansas										.36	.87					.27	.39	.58	.06											.02		2.55
Fulton[2]	Red			T.							.09	50	1.40	.31		T.	.40		3.60	.15											.30		6.75
Georgetown[2]	White							.08			.75	.30					T.		.15	.90											.85		3.03
Gilbert[2]	White							T			.02	.65					09		.25	1.19											.02		2.22
Glenwood[2]	Ouachita							.06			.12	.55	.80	.07		.06	.02	.03	.62	.36											.14		2.83
Grannis	Red							.05			.68	.52	.39			.32	.19	.94	08	.08	T.									T.	1.31		4.56
Gravette[2]	Arkansas			.50							.55							.85	.76	.05	.05												2.76
Green Mountain †	White			.03	T.						.67						.03	.01													.54		....
Hankins †‡	Ouachita										1.80	.20	1.90						.18												.78		4.86
Harrison	White		.10					.03			.84					T.	.17	.21	.52	.66	.03										.75		3.31
Heber Springs	White			T.				.05			.03	1.07					.02	T.	.22	.86	T.					T.							2.25
Helena[2]	Mississippi							.02	.06			.65	.43	.60					.06	.51	.07												2.40
Higden	White			T.				T.			1.02						.01	.04	.53	.61											.75		2.96
Highland	Ouachita							.25			.92	.50	.56			.11		.78	.74	.38											1.31		5.55
High Peak †	Ouachita										*	*	1.01			*	*	*	*	.84													1.85
Hope ‡‡[2]	Red											.61	.97	.45			.10		1.26	.53											.17		4.09
Hot Springs	Ouachita							T.			1.03	.27	.70			.02	.03	.55	.90	.03											1.10		4.63
Index †[2]	Red										T.	.60	1.65	.25		.25	.20	T.	2.33												70		5.98
Irons Fork †‡‡[2]	Ouachita							.01			.30	.30	.30			.13	.36	.05	.88	.70											.36		3.39
Jessieville	Ouachita										.70	.50					T	.21	.65												.90		2.96
Jonesboro[2]	White			.01				.15			.01	1.00						T	.49	.85	04	.05											2.60
Lead Hill	White		.11				T.				1.20					T	.22	15	.68	.50	.04					T.				.03	.55		3.48
Little Rock[1]‡	Arkansas			.01				.08			.61	.24	.37				.02	.57	.77	T.											1.26		3.93
LittleRock Air'y[1]	Arkansas			T.				.06			.55	.13	.65	T.			.04	.23	1.12	.11											.71		3.60
Lutherville †	Arkansas										1.52					T.		.57	.54	.94											1.35		4.92
Madison[2]	St. Francis			T.				.16	T.			.65	.50	.10					.60	.35	.10	.05											2.51
Magnolia	Red	.14									*	*	5.73						.12												.76		6.75
Mammoth Spg[2]	White							.02			T.	1.00							.36	1.85	.05												3.28
Marianna	St. Francis										.42		.82						.82	.50	03												2.59
Marked Tree[2]	St. Francis							.23				1.16							.40	.25	.05	02											2.11
Mena[2]	Ouachita							.02			.30	.25	.35	T.		.09	.51	.07	.82	.22	T.	T.									.41		3.04
Monticello Airway	Ouachita							T.			1.07	51	1.94	T.			T.	T.	.16	.03											.02		3.73
Monticello(near. †‡	Ouachita										1.20	.15	1.80																		.50		3.65
Montongo †	Ouachita										1.32	.23	2.00						.21												.70		4.46
Morrilton[2]	Arkansas			T.				.03			.05	.69	.02				.03	T.	.08	.40	.01										T.		1.31
Mountainburg	Arkansas										1.27					.10	.42	.61	.24											.10	1.13		3.87
Mountain Home	White		.12				T.			1.20						.15	1.00	.90													.54		3.91
Mountain Valley	Ouachita							T.			.47	.11	.49			T.	.04	.29	.50												.88		2.78
Mount Ida	Ouachita										.52	.47				.08		.35	.08	.46											.86		2.82
Mulberry †[2]	Arkansas										1.25							.89	.32		.11												2.57
Nashville	Red							.02			1.02	.52	.53			.10		1.06	.99	.02											1.42		5.68
Newport[2]	White			T.				.14			.02	.75					.01	.31	2.18	.07													3.48
Oden	Ouachita										.45	.36				.19	.06	.70	.45												.82		3.03
Okay	Red			T.				T.			.65	.20	1.20			.16	.06	1.68	.44	.11											1.40		5.90
Osceola[2]	Mississippi							.24				.73							T	.66	.17	.02											1.82
Ozark[2]	Arkansas			T.				T.			.49	.66					.30	.18	.40	.12										T.	.20		2.35

Daily precipitation for November, 1939 [continued]

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Paragould	St. Francis	....	.02	....	....	....	....	08	T.	....	1.40	T.	....	....	....	....	T.	....	.53	.54	.07	....	....	....	....	....	....	....	....	....	....	....	2.64
Parkin²	St. Francis	....	....	....	....	....	....	.20	....	....	....	.72	.10	....	....	....	....	....	.42	.27	....	....	....	....	....	....	....	....	....	....	....	....	1.71
Pine Bluff²	Arkansas	....	....	....	....	....	....	.01	T.	....	....	.65	1.09	.69	....	....	.05	....	1.75	.30	....	....	....	....	....	....	....	....	....	....	.04	....	4.58
Pine Ridge²	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.41	....	....	....	.36	....	.78	....	....	....	....	....	....	....	....	....	....	....	1.53	....	3.08
Plantersville†‡	Ouachita	....	....	....	....	....	....	....	....	....	1.82	.18	1.83	....	....	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	....	.80	....	4.75
Pocahontas	White	....	....	....	....	....	....	.05	....	....	.95	....	....	....	....	....	....	....	1.13	.58	.07	....	....	....	....	....	....	....	....	....	....	....	2.78
Portland²	Ouachita	....	....	....	....	....	....	....	....	....	....	.75	1.90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.65
Prescott²	Ouachita	....	....	....	....	....	....	....	.01	....	....	.57	1.12	.60	....	.08	.05	....	.81	.39	....	....	....	....	....	....	....	....	....	....	.31	....	3.94
Rock Springs†	Ouachita	....	....	....	....	....	....	....	....	....	1.40	.35	2.25	....	....	....	....	....	.19	....	....	....	....	....	....	....	....	....	....	....	.90	....	5.09
Rogers (near)†	White	....	.04	....	....	....	....	....	....	....	.19	....	....	....	....	....	.66	.68	.19	.05	....	....	....	....	....	....	....	....	....	.03	.86	....	2.70
Rosebud†	Arkansas	....	....	....	....	....	....	....	....	....	.92	....	....	....	....	....	....	....	1.48	....	....	....	....	....	....	....	....	....	....	....	.84	....	3.24
Ross†‡	Ouachita	....	....	....	....	....	....	....	....	....	1.32	.22	1.96	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	.50	....	4.10
Russellville‡‡	Arkansas	....	....	....	....	....	....	.06	....	....	.70	....	....	....	....	.01	....	22	.26	1.46	.02	....	....	....	....	....	....	....	....	....	.60	....	3.33
St. Charles²	White	....	....	T.	....	....	....	.08	.01	....	....	.72	.76	.43	....	....	....	....	.61	1.08	....	....	....	....	....	....	....	....	....	....	....	....	3.69
St. Francis²	St. Francis	....	....	....	....	....	....	.05	....	....	T.	.98	....	....	....	....	....	T.	.05	.78	.23	....	....	....	....	....	....	....	....	....	....	....	2.09
Searcy	White	....	....	....	....	....	....	.12	....	....	.01	.88	.05	....	....	....	....	.03	.95	1.05	....	....	....	....	....	....	....	....	....	....	....	....	3.08
Spring Bank†²	Red	....	....	T.	T.	....	....	....	....	....	.37	1.32	2.40	.52	....	.33	.23	T	.72	.32	....	....	....	....	....	....	....	....	....	....	.45	....	6.66
Story²	Ouachita	....	....	....	....	....	....	....	....	....	.32	.30	....	....	....	....	....	.37	.43	....	....	....	....	....	....	....	....	....	....	....	.60	....	2.02
Stuttgart²	Arkansas	....	....	....	....	....	....	.03	....	....	....	.36	1.14	....	....	....	....	....	.65	.86	....	....	....	....	....	....	....	....	....	....	.02	....	3.06
Stuttgart‡‡²	Arkansas	....	....	....	....	....	....	.08	....	....	....	.58	1.06	.04	....	....	....	....	.64	.95	T.	....	....	....	....	....	....	....	....	....	....	....	3.35
Subiaco	Arkansas	....	....	.03	....	....	....	....	....	....	.67	....	....	....	....	.01	.24	.38	.39	.27	....	....	....	....	....	....	....	....	....	T	1.02	....	3.01
Texarkana²	Red	....	....	....	....	....	....	....	....	....	.20	1.00	2.10	.10	....	....	.65	....	2.01	....	....	....	....	....	....	....	....	....	....	....	.75	....	6.81
Thornburg	Arkansas	....	....	.02	....	....	....	T.	....	....	.60	.08	.12	....	....	T.	.05	.16	.37	.01	....	....	....	....	....	....	....	....	....	....	....	....	1.41
Turnpike†	Arkansas	....	....	....	....	....	....	....	....	....	1.65	....	....	....	....	T.	.05	.28	.76	.62	....	....	....	....	....	....	....	....	....	.01	.77	....	4.14
Underwood†‡	Ouachita	....	....	....	....	....	....	....	....	....	1.25	.30	1.75	....	....	....	....	....	.15	....	....	....	....	....	....	....	....	....	....	....	.60	....	4.05
Waldron	Arkansas	....	....	....	....	....	....	....	....	....	.39	.10	....	....	....	.27	.14	.21	30	....	....	....	....	....	....	....	....	....	....	....	67	....	2.08
Warren	Ouachita	....	....	....	....	....	....	....	....	....	95	.37	2.00	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	T.	....	3.57
Whitecliffs²	Red	....	....	....	....	....	....	T.	....	....	.57	42	1.23	....	....	.20	....	T	.95	....	....	....	....	....	....	....	....	....	....	....	.56	....	3.93
White Rock†	Arkansas	....	....	....	....	....	....	....	....	....	1.71	....	....	....	....	.14	.38	.53	.58	.02	.02	....	....	....	....	....	T.	....	....	.06	1.06	....	4.50
Wilson²	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne²	St. Francis	....	....	....	....	....	....	.16	....	....	.77	....	.20	....	....	....	....	....	.61	.27	....	....	....	....	....	....	....	....	....	....	....	....	2.01

Daily temperatures for November, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	75	63	53	54	61	64	79	75	76	69	51	50	62	69	66	70	63	59	59	57	60	58	60	56	55	50	47	55	52	55		60.8
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Arkadelphia §§	Maximum	77	60	56	57	63	69	79	82	81	66	47	47	63	71	69	76	61	62	67	64	66	59	63	62	60	52	50	57	54	58		63.3
	Minimum	32	38	39	23	20	26	28	42	43	45	45	37	34	34	39	48	51	54	46	44	39	31	29	29	30	36	30	22	24	35		35.8
Batesville	Maximum	70	55	53	54	62	68	77	71	77	70	48	53	63	69	62	59	66	60	58	56	58	56	60	56	49	46	49	56	53	50		59.5
	Minimum	31	38	36	25	21	27	49	39	39	48	35	41	30	24	26	45	43	53	55	49	41	28	27	34	34	40	29	22	30	39		35.9
Bee Branch	Maximum	74	70	51	57	65	65	75	75	75	71	50	53	62	67	64	64	64	63	58	59	62	60	59	59	48	48	54	55	54	48		61.0
	Minimum	31	40	34	20	30	28	45	39	40	49	38	42	35	27	31	49	52	55	53	50	43	37	41	36	36	42	32	25	33	40		38.4
Benton §§	Maximum	75	57	54	51	68	68	79	75	79	66	49	50	62	68	63	71	65	60	66	60	63	58	61	62	51	52	48	54	54	49		61.3
	Minimum	24	29	37	22	20	22	26	39	38	39	41	38	32	24	25	44	48	49	48	52	46	30	26	26	26	26	26	20	20	31		32.5
Bentonville ***	Maximum	67	44	46	50	60	61	72	72	71	64	51	60	64	66	59	53	55	55	54	49	57	56	60	50	41	47	45	53	44	46		55.7
	Minimum	33	30	22	22	28	30	46	38	52	40	31	35	31	28	39	46	50	49	48	37	32	30	29	35	34	35	30	24	40	39		35.4
Blytheville	Maximum	72	59	51	51	60	65	72	68	77	66	56	50	59	67	70	71	71	63	60	54	55	50	55	57	49	48	48	53	53	56		59.5
	Minimum	32	39	34	27	23	29	46	41	41	41	35	39	31	29	30	32	54	53	53	41	37	27	28	34	38	35	28	25	30	38		35.7
Booneville	Maximum	75	66	53	56	63	68	80	77	74	70	54	59	62	66	59	59	58	67	58	57	63	63	65	58	52	49	47	53	47	47		60.8
	Minimum	35	45	34	23	26	30	47	44	50	52	42	42	29	25	44	46	52	55	44	50	35	32	28	36	32	34	26	21	36	40		37.8
Brinkley	Maximum	72	56	52	50	59	66	71	68	76	69	47	45	59	67	63	66	70	66	57	63	56	54	56	59	50	49	48	53	51	53		59.0
	Minimum	29	39	37	25	18	24	45	43	41	47	40	39	34	25	31	50	47	56	53	49	44	31	27	33	33	35	30	23	27	36		36.4
Camden	Maximum	78	69	63	51	63	67	77	87	79	71	56	45	63	72	67	75	71	63	69	64	64	66	64	66	58	52	51	57	57	55		64.7
	Minimum	32	49	36	24	21	25	46	46	45	55	42	39	32	31	48	52	52	57	50	48	40	32	29	31	28	39	27	23	29	43		38.3
Conway	Maximum	77	60	57	58	62	70	77	71	80	70	53	54	66	67	64	65	70	60	60	62	63	59	64	65	51	55	52	57	54	49		62.4
	Minimum	30	43	38	23	19	26	48	41	42	52	40	40	31	26	34	48	50	57	52	52	46	34	27	32	35	41	26	21	30	39		37.4
Corning	Maximum	69	57	50	52	58	63	76	69	77	73	51	51	62	68	63	64	71	65	59	55	53	54	56	55	47	47	49	54	50	57		59.2
	Minimum	28	37	31	23	20	24	46	34	38	45	31	36	27	22	25	41	42	52	52	45	37	25	24	31	36	31	27	20	28	35		33.7
Crossett	Maximum	69	64	56	55	62	69	75	81	80	77	64	47	64	72	73	73	74	73	73	67	65	70	64	68	56	50	50	59	57	56		65.4
	Minimum	30	38	35	23	20	26	45	44	44	59	45	42	29	34	51	53	53	58	57	40	40	30	29	30	26	39	28	23	26	43		38.0
Dardanelle	Maximum	75	65	57	55	61	66	80	74	77	73	54	57	63	65	58	65	64	59	60	59	61	60	64	59	51	51	50	52	49	46		61.0
	Minimum	33	41	34	24	22	28	47	41	43	52	41	42	32	25	38	48	51	54	48	49	39	32	28	32	35	41	31	22	34	39		37.5
De Queen	Maximum	81	66	58	59	63	68	76	81	73	70	56	58	66	70	57	68	63	64	69	63	67	70	63	64	56	51	58	55	50	48		63.7
	Minimum	35	50	40	24	26	30	49	44	50	55	42	40	32	30	50	51	55	59	41	47	35	32	30	30	30	40	30	23	33	41		39.1
Devils Knob	Maximum	66	58	55	49	55	52	70	68	67	62	45	53	61	61	61	56	55	54	54	49	54	53	54	47	39	40	42	49	41	40		53.7
	Minimum	46	31	31	21	29	42	48	55	49	44	37	39	34	41	41	44	50	53	44	43	33	38	36	38	33	35	27	32	37	36		38.9
Dumas	Maximum	79	61	55	54	62	67	77	80	87	69	53	46	63	73	70	71	72	70	70	60	70	63	61	63	51	49	50	57	55	58		63.9
	Minimum	31	44	34	20	22	27	45	47	44	50	42	41	37	31	45	49	52	58	56	50	45	35	30	35	34	39	27	24	31	45		39.0
El Dorado	Maximum	80	67	56	49	54	71	76	81	85	78	65	51	65	71	69	79	81	75	70	66	69	68	69	66	59	52	48	56	55	61		66.4
	Minimum	40	44	37	29	26	34	52	50	54	52	45	42	37	45	47	52	52	59	54	49	43	37	34	39	34	30	27	34	36	46		42.0
England	Maximum	73	63	60	61	60	71	77	84	82	71	65	60	61	67	68	68	64	64	65	59	57	57	59	60	50	52	47	49	51	51		62.5
	Minimum	30	40	32	34	32	34	34	40	45	47	40	33	34	34	37	45	45	46	49	45	45	32	32	30	31	42	30	30	25	39		37.1
Eureka Springs	Maximum	68	54	48	53	62	60	74	70	72	65	50	55	65	70	59	52	54	55	55	51	57	55	61	49	44	46	48	56	45	45		56.6
	Minimum	36	32	23	22	29	33	49	42	51	45	32	37	31	30	38	44	49	51	49	43	35	31	29	36	35	36	32	25	39	39		36.8
Fayetteville	Maximum	63	60	45	49	57	59	69	73	70	66	51	55	60	65	58	55	58	58	54	52	55	55	60	55	46	47	42	54	47	45		56.1
	Minimum	32	32	27	22	26	29	49	40	53	45	35	38	27	25	35	45	51	53	47	45	32	30	27	34	35	38	33	21	39	40		36.2
Fayetteville Exp. S	Maximum	65	56	45	52	58	59	74	75	70	66	51	56	65	67	61	54	58	58	54	51	57	56	58	54	48	44	45	55	45	45		56.7
	Minimum	32	32	25	22	27	28	44	39	55	45	34	38	30	25	35	45	49	53	47	45	31	33	29	33	34	38	33	23	39	39		36.1
Fordyce	Maximum	71	67	64	52	60	64	70	76	76	75	..	..	59	67	68	71	67	63	..	64	59	59	..	61	55	..	49	53	..	53		63.5
	Minimum	37	45	40	29	28	27	45	50	50	50	..	..	35	34	51	54	55	58	..	50	44	36	..	33	37	..	33	28	.	35		41.0
Fort Smith***	Maximum	72	55	52	52	60	66	76	75	74	70	49	59	59	59	51	55	58	59	55	56	58	60	61	56	45	49	46	50	46	45		57.6
	Minimum	42	41	35	30	33	37	50	48	52	49	43	43	37	34	49	49	53	50	47	44	35	38	35	38	35	37	31	28	40	41		40.8
Gilbert§§	Maximum	72	55	52	54	63	66	79	70	76	65	50	61	64	70	57	63	55	57	57	52	60	56	63	56	53	45	50	55	50	60		59.5
	Minimum	24	28	24	15	15	18	27	29	35	40	31	36	23	16	20	40	44	46	49	45	36	25	20	26	33	37	32	14	33	37		29.9
Grannis	Maximum	80	63	54	57	63	65	77	79	71	68	55	55	65	70	61	66	62	63	65	61	67	68	67	66	52	48	53	55	57	50		62.8
	Minimum	38	41	36	26	28	35	45	48	49	52	39	38	38	36	46	48	53	55	46	47	36	36	32	38	34	38	27	24	36	35		39.3
Gravette§§	Maximum	67	41	47	52	59	63	72	72	72	57	55	58	62	65	62	60	58	58	54	48	58	55	61	52	40	48	45	53	47	48		56.3
	Minimum	23	30	22	22	25	27	33	38	42	43	30	31	28	25	26	34	41	50	47	45	28	29	28	27	33	33	33	23	25	39		32.0
Green Mountain	Maximum	65	60	46	48	57	63	72	68	72	69	57	52	58	65	60	59	57	..	..	..	55	51	57	52	44	42	44	49	49	49		56.3
	Minimum	42	31	28	27	31	36	48	46	46	43	37	38	33	40	41	44	49	..	..	..	35	31	34	39	38	36	29	30	39	40		37.5
Harrison	Maximum	62	57	45	45	57	61	70	70	72	69	52	54	55	63	57	54	54	57	59	53	53	50	56	52	44	49	43	50	48	50		55.4
	Minimum	31	33	26	20	21	21	25	38	42	46	32	37	24	20	26	45	49	50	50	45	37	28	25	38	37	37	33	20	35	41		33.7
Helena	Maximum	73	56	53	50	58	67	69	70	78	71	50	46	60	69	73	75	74	69	65	58	54	56	57	59	51	48	51	55	58	58		61.0
	Minimum	33	39	35	25	21	30	45	48	49	47	42	39	35	37	40	54	55	55	55	48	42	32	30	35	31	38	29	23	30	39		38.7
Highland	Maximum	79	67	56	56	61	66	76	80	74	69	54	49	63	69	61	71	67	63	67	63	64	66	61	62	54	51	50	55	51	51		62 5
	Minimum	40	46	38	29	29	41	48	45	50	53	39	38	38	38	49	49	53	56	48	47	39	41	35	43	34	29	29	29	37	40		41.0
Hope §§ ‡‡	Maximum	80	61	55	55	62	67	77	81	75	67	47	47	61	69	55	73	59	63	67	62	65	68	65	63	53	52	49	55	54	50		61.9
	Minimum	31	42	40	25	21	30	31	47	46	46	46	40	38	35	36	50	53	56	48	47	38	35	31	32	30	33	30	25	25	37		37.5
Hot Springs	Maximum	74	70	52	53	58	66	75	77	75	69	52	51	60	67	57	71	62	60	59	59	61	56	59	59	52	50	47	53	51	49		60.7
	Minimum	39	39	37	28	26	34	49	52	48	51	41	38	39	32	45	50	53	52	57	52	41	44	32	37	33	41	28	26	33	42		40.0

Daily temperatures for November, 1939, continued

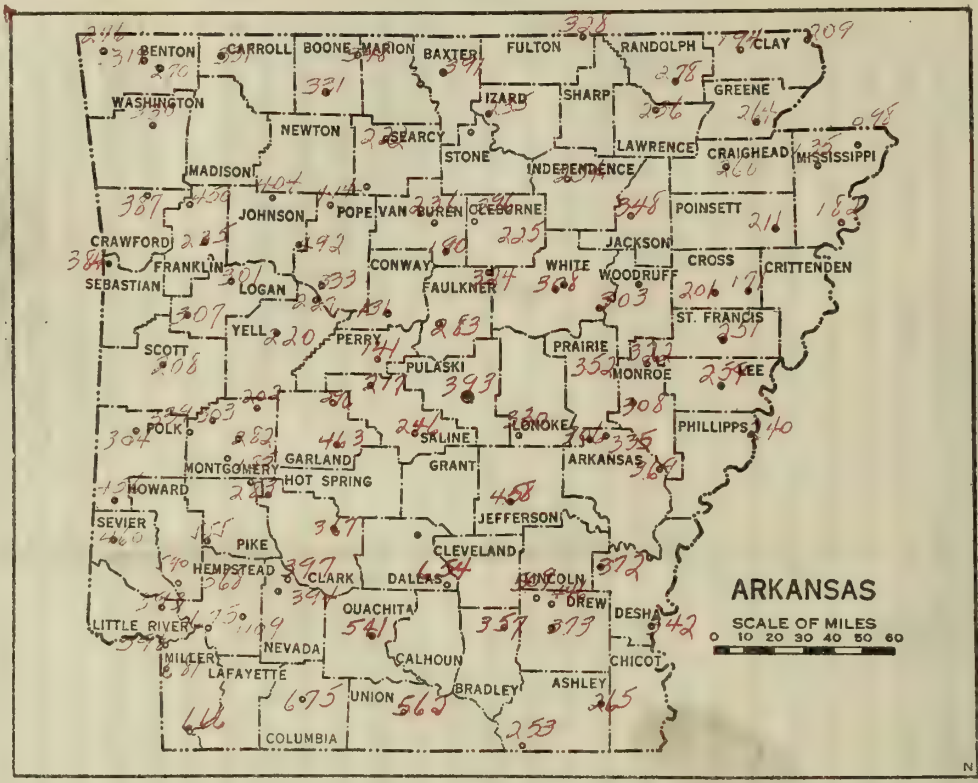
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork §§‡‡	Maximum	75	57	51	54	61	65	77	78	61	62	45	53	61	68	54	65	58	56	55	54	62	58	61	57	46	45	46	52	46	46		57.6
	Minimum	33	39	33	19	21	27	34	40	47	27	42	36	28	24	30	45	50	52	41	47	31	29	24	29	25	34	20	18	23	38		32.9
Jonesboro	Maximum	70	57	50	50	58	66	73	68	78	67	49	51	59	67	66	64	71	65	59	55	54	54	57	56	48	47	48	53	54	55		59.0
	Minimum	33	36	34	26	23	29	45	43	43	46	38	39	32	27	31	46	47	52	53	47	38	28	27	36	36	36	28	24	31	39		36.4
Lead Hill	Maximum	67	55	58	53	61	52	74	69	71	71	49	46	63	65	56	58	51	59	57	54	48	54	46	46	45	45	47	39	49	48		55.2
	Minimum	23	28	30	16	16	19	33	20	35	44	27	32	18	15	18	43	45	48	49	44	34	22	20	25	36	37	32	15	30	41		29.8
Little Rock ***	Maximum	73	55	51	51	58	65	75	70	76	69	48	51	60	64	62	63	66	60	60	57	58	54	58	57	48	49	46	52	53	50		58.6
	Minimum	40	39	36	31	29	37	48	50	48	48	39	40	39	35	43	51	53	57	53	51	44	35	35	40	38	40	33	30	37	45		41.5
Little Rock [Airway]	Maximum	72	61	54	51	61	67	77	72	77	67	51	50	61	66	63	64	66	60	62	59	60	56	59	59	49	52	47	52	53	49		59.9
	Minimum	33	42	37	28	21	31	47	49	42	51	43	40	39	29	38	50	50	56	53	52	48	33	28	36	37	41	31	24	31	41		39.4
Lutherville	Maximum	72	57	51	48	55	65	74	72	75	68	52	59	64	66	60	65	62	59	58	55	57	58	58	55	47	47	42	52	45	45		58.1
	Minimum	37	39	33	27	27	32	45	48	50	49	38	40	33	33	42	48	50	56	46	48	37	37	31	35	37	40	31	26	36	39		39.0
Magnolia	Maximun	80	..	56	57	62	69	78	82	77	..	..	50	65	70	65	72	76	70	70	70	..	69	66	67	60	54	51	56	55	55		65.5
	Minimum	36	..	39	27	21	31	53	48	51	..	..	40	38	39	50	55	56	58	49	46	..	35	33	36	30	34	30	27	32	43		39.9
Mammoth Spring	Maximum	67	54	..	59	59	64	74	68	75	68	48	57	62	66	65	66	65	58	57	54	54	53	57	51	47	45	48	55	50	53		58.6
	Minimum	25	28	..	21	19	23	42	34	40	46	30	37	24	20	22	40	45	53	54	47	36	24	24	28	43	36	27	18	31	43		33.1
Marianna	Maximum	71	60	53	52	..	65	70	69	77	72	53	48	60	67	67	73	73	70	62	58	55	54	55	60	52	..	49	54	55	60		61.2
	Minimum	35	37	36	26	..	31	48	47	41	50	43	41	37	30	31	51	50	55	55	51	45	31	29	35	37	..	32	25	29	36		35.3
Marked Tree §§	Maximum	70	54	53	52	58	66	73	70	70	65	49	50	61	68	68	72	73	61	63	56	56	55	57	57	48	50	50	55	56	56		59.7
	Minimum	31	36	36	25	19	23	33	39	38	46	37	38	36	24	28	34	44	48	53	53	39	27	26	32	35	36	28	24	26	32		34.2
Mena	Maximum	77	63	50	55	62	67	77	79	70	66	50	53	62	66	57	62	60	61	59	58	64	62	62	57	50	46	49	51	45	46		59.5
	Minimum	40	44	34	26	27	35	48	52	51	50	39	38	37	31	45	47	52	55	44	49	35	36	32	36	34	39	28	25	39	39		39.6
Monticello	Maximum	78	65	55	53	61	68	76	81	80	70	53	45	63	70	72	74	70	70	70	59	61	67	61	63	54	47	49	58	55	55		63.4
	Minimum	36	44	36	28	28	32	50	48	52	52	44	40	38	41	43	55	56	58	55	47	47	39	34	35	36	39	31	26	37	43		41.7
Morrilton §§	Maximum	73	54	54	53	59	68	78	71	79	64	46	55	64	68	58	64	64	59	59	59	59	58	63	68	48	49	48	52	51	47		59.7
	Minimum	32	33	36	23	21	27	31	41	42	48	41	41	32	26	28	43	44	50	50	50	41	32	27	28	34	38	26	22	23	37		34.9
Mountain Home	Maximum	69	57	48	54	62	66	75	77	70	47	58	66	70	60	62	58	58	57	55	56	55	64	49	49	45	50	56	52	48	49		58.1
	Minimum	31	32	29	20	20	24	43	36	42	30	37	24	22	26	43	50	51	49	45	33	27	25	39	39	37	32	19	35	42	41		34.1
Mt. Ida	Maximum	79	63	54	57	65	67	81	82	74	69	52	54	66	67	56	74	62	61	62	59	65	62	64	61	50	51	47	54	51	46		61.8
	Minimum	29	33	35	18	18	25	47	39	40	51	39	40	25	20	43	48	51	56	41	52	32	27	23	25	25	39	22	16	27	40		34.2
Nashville	Maximum	79	60	55	60	57	62	62	80	75	70	68	67	64	69	60	72	63	62	66	62	63	63	63	54	59	50	52	48	51	48		62.1
	Minimum	35	46	40	28	34	38	46	45	49	55	40	38	43	49	53	52	55	58	56	48	36	35	36	34	44	33	34	28	34	44		42.2
Newport	Maximum	71	62	55	53	60	65	75	70	77	71	50	51	62	66	61	58	69	64	62	62	55	54	57	57	49	49	50	54	53	54		59.9
	Minimum	29	38	36	24	20	26	47	41	38	49	38	33	32	25	26	47	42	55	51	49	41	29	27	32	34	35	32	23	29	51		36.0
Oden ***	Maximum	78	63	55	57	64	64	81	83	73	69	57	60	67	70	57	57	61	61	59	67	65	63	65	59	51	51	52	54	52	48		62.1
	Minimum	50	40	35	24	24	32	52	50	49	57	42	40	31	27	48	50	54	54	48	34	32	34	30	38	38	36	24	25	34	42		39.1
Okay	Maximum	76	80	79	81	63	68	78	82	79	72	66	49	63	68	67	73	70	68	67	69	66	70	67	65	55	51	50	54	52	50		66.6
	Minimum	28	26	26	21	24	27	51	44	46	43	42	40	29	29	50	52	56	55	50	44	34	30	28	30	27	40	31	22	37	39		36.7
Ozark	Maximum	70	57	55	52	57	62	73	72	75	68	55	57	60	65	59	60	60	60	60	56	59	59	60	57	51	50	49	51	46	50		58 8
	Minimum	34	42	32	25	27	30	42	41	51	50	48	41	29	38	40	47	51	54	43	49	34	33	29	31	34	42	28	23	35	40		38.1
Paragould	Maximum	66	60	49	47	55	61	72	66	75	68	48	52	57	62	65	64	70	65	58	56	50	49	52	55	48	48	47	50	53	56		57.5
	Minimum	29	38	33	27	20	27	46	40	39	47	35	38	31	24	27	41	45	53	54	46	38	26	26	32	37	34	28	26	30	37		35.1
Pine Bluff	Maximum	75	64	65	54	58	61	76	77	70	71	52	46	69	69	67	74	70	62	67	59	62	59	62	60	49	49	49	54	55	53		61.9
	Minimum	36	36	31	31	25	33	50	53	51	50	41	40	37	34	47	53	55	57	54	51	49	38	33	39	38	38	32	29	33	43		41.2
Pocahontas	Maximum	70	63	51	50	59	64	76	71	72	72	49	53	61	65	65	63	70	66	57	55	55	54	55	53	47	46	50	54	50	55		59.0
	Minimum	28	38	32	28	20	26	26	37	48	45	33	37	33	23	26	49	46	53	52	46	37	26	20	29	37	35	28	26	29	39		34.4
Portland	Maximum	75	64	57	51	56	67	71	78	80	77	66	47	62	68	71	71	73	80	70	67	62	68	61	65	60	50	49	58	58	60		64.7
	Minimum	29	39	32	25	19	25	42	45	45	58	41	39	35	32	45	51	52	56	55	45	42	30	30	29	34	39	28	22	28	40		37.7
Prescott	Maximum	75	73	58	55	60	67	77	83	77	72	58	45	57	69	66	72	70	64	63	61	60	61	60	61	60	54	47	56	54	51		62.9
	Minimum	38	48	40	30	25	33	54	47	49	58	42	39	39	37	49	56	56	58	48	48	41	37	32	37	36	35	32	28	36	43		41.7
Rogers	Maximum	67	61	46	51	59	61	72	72	71	66	50	58	62	65	62	52	55	55	55	51	55	53	60	56	48	46	42	51	49	46		56.6
	Minimum	29	32	24	21	24	27	45	36	36	45	30	35	26	22	29	45	49	52	48	45	36	32	25	29	35	39	33	20	38	39		34.2
Russellville ‡‡	Maximum	74	74	54	56	60	68	80	77	79	74	55	61	65	68	65	68	66	58	69	58	62	61	64	59	53	51	51	55	51	48		62.8
	Minimum	33	44	34	25	23	28	44	41	42	53	40	43	29	26	35	49	51	55	48	51	39	33	29	34	33	42	29	28	35	40		37.9
St. Charles §§	Maximum	73	58	54	52	58	65	73	74	78	65	49	44	61	68	70	73	74	..	66	55	57	57	57	61	53	49	49	55	55	57		60.7
	Minimum	33	41	36	27	24	29	34	48	45	52	45	40	34	29	33	46	50	55	..	53	45	32	29	30	36	39	30	26	29	34		37.4
Searcy	Maximum	75	57	55	55	60	65	76	73	78	69	51	52	63	69	64	64	70	65	59	57	61	55	60	59	56	49	55	57	54	57		61.3
	Minimum	36	41	38	30	22	28	46	40	40	49	40	41	36	27	31	50	46	56	55	50	45	33	28	31	33	39	31	24	30	39		37.7
Stuttgart	Maximum	72	59	55	52	58	66	74	74	79	68	54	47	61	69	71	69	74	68	66	59	59	57	58	62	50	50	48	54	56	54		61.4
	Minimum	33	42	37	28	24	29	46	49	47	49	44	40	36	30	42	53	53	56	56	53	47	35	30	33	37	40	30	27	32	41		40.0
Stuttgart ‡‡§§	Maximum	74	62	54	52	58	65	74	74	80	68	52	46	47	61	72	72	75	61	65	55	58	57	58	60	51	50	49	55	54	55		60.5
	Minimum	33	37	36	29	22	28	31	44	47	54	44	40	36	33	35	51	54	55	57	55	46	33	30	33	33	40	30	26	28	34		38.5
Subiaco	Maximum	73	65	53	53	57	64	75	75	76	70	54	58	61	62	59	62	61	59	58	56	58	60	60	56	50	51	47	53	48	46		59.3
	Minimum	33	40	31	23	23	27	44	42	45	49	37	..	..	..	..	..	52	55	48	50	39	37	33	41	37	42	32	26	38	41		38.6
Texarkana	Maximum	82	68	58	58	63	70	80	84	76	71	62	52	63	70	60	72	66	67	70	65	67	71	65	66	67	55	53	55	54	50		65.3
	Minimum	39	52	40	28	29	32	55	51	55	55	40	40	38	40	48	51	51	52	47	47	39	37	35	39	33	41	34	29	38	42		41.9
Thornburg	Maximum	75	58	55	56	55	68	83	80	78	68	48	52	67	74	57	76	64	58	62	56	64	62	67	62	51	53	49	58	51	46		61.8
	Minimum	28	30	32	16	14	22	50	41	44	46	40	37	25	18	30	41	45	52	48	47	36	24	20	28	27	39	19	15	25	37		32.5
Turnpike	Maximum	66	56	45	51	52	58	71	70	69	63	46	54	63	63	59	61	57	55	54	50	56	53	55	48	41	40	46	51	42	41		54.5
	Minimum	47	29	24	25	30	40	43	51	49	40	38	38	31	39	45	42	49	51	44	39	32	39	34	35	33	33	26	30	35	34		37.5
Waldron	Maximum	77	72	66	62	63	71	.	83	75	71	69	..	65	70	65	63	60	60	60	60	60	62	66	61	55	69	50	55	50	50		63.9
	Minimum	27	41	32	24	25	30	..	42	52	52	41	..	27	24	44	46	52	55	41	51	33	30	27	31	32	40	25	21	32	40		36.3
Warren	Maximum	77	64	55	54	60	68	72	81	80	70	55	46	62	70	72	73	70	67	69	61	62	66	62	65	50	49	57	54	56	56		63.4
	Minimum	33	43	34	27	21	28	50	49	49	53	43	40	35	33	47	53	52	57	53	47	48	34	30	34	38	30	27	32	34	40		39.8
White Rock	Maximum	69	58	46	48	54	57	69	68	66	62	48	55	59	61	54	53	57	54	52	49	57	55	55	49	43	42	43	47	41	40		53.7
	Minimum	47	33	26	28	33	40	46	56	50	41	38	41	40	40	47	43	47	51	44	41	34	40	35	40	33	33	26	30	34	35		39 1
Wilson	Maximum	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Wynne	Maximum	72	61	55	52	59	67	74	71	78	72	53	50	64	69	69	71	74	69	61	57	56	54	59	67	54	51	50	55	55	57		61.9
	Minimum	32	33	36	22	20	26	45	42	42	60	39	40	32	25	30	49	50	54	55	49	42	30	26	33	31	33	28	21	26	37		32.9

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for November, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, §§ Exp. Farm	Evap.	.140	.140	.174	.121	.182	.098	.023	.098	.112	.099	100	.020	.027	.104	.136	.014	.069	....	.067	.113	.068	.079	.112	.071	.120	.087	.070	.051	.062	.021		2.667
	Mean tem.	56	52	48	40	42	48	54	64	60	56	46	44	50	52	46	62	56	60	58	54	52	52	48	48	42	42	40	40	40	44		49.7
	Wind move	42	26	90	42	17	15	38	32	22	63	85	60	69	57	42	32	25	32	35	60	41	22	35	17	57	62	43	20	16	17		1214
Irons Fork, §§ Exp. Forest	Evap.	.044	.038	.089	.048	.023	.031	.044	.051	.034	.070	.064	.119	....	029	....	.107	.014	....	.045	.012	.024	.023	.034	.019	.048	.015	.023	*	.032	.001		1.201
	Mean tem.	54	48	42	36	41	46	56	59	54	44	44	44	44	46	42	55	54	54	48	50	46	44	42	43	36	40	33	35	34	42		45.2
	Wind move	4	4	10	4	2	1	16	2	4	53	11	3	4	1	5	2	2	2	2	18	5	3	2	4	10	4	2	4	2	10		196
Russellville, Ozark Nursery	Evap.	.092	.040	.166	.070	.058	.050	.132	.170	.118	106	.044	.034	.040	088	.026	.010	....	....	.062	.072	.078	.066	.100	.102	.014	.048	.052	.030	.046	....		2.127
	Mean tem.	54	59	44	40	42	48	62	59	60	64	48	52	47	47	50	58	58	56	58	54	50	47	46	46	43	46	40	42	43	44		50.4
	Wind move	12	59	52	18	13	18	10	30	37	63	2	18	4	21	12	10	34	1	42	70	55	8	*	51	21	43	30	4	17	7		762
Stuttgart, §§ Rice Exp. Farm	Evap.	.077	095	.120	.063	.069	.044	.053	045	.092	.155	.047	.103	.010	.073	.068	.061	.056	.076	.120	.080	.035	.042	.040	.038	.032	.042	.039	.007	.050	.032		1.924
	Mean tem.	54	50	45	40	40	46	52	59	64	61	48	43	39	47	54	62	64	58	61	55	52	45	44	46	42	45	40	40	41	44		49.5
	Wind move	39	41	95	50	25	11	35	33	39	126	114	57	52	36	30	23	18	49	76	98	49	19	33	12	72	60	41	27	14	18		1392

Precipitation for November, 1939



Daily River Stages for November, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	....		....	....	....	..	....	...	....	....	.			....	....	.		....	...	..	...	.	....		....	....	....	..	....	....
Van Buren	do	22	2.7	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.3	2.3	2.4	2.5	2.6	2.6	2.5	2.5	2.5	2.6	2.5	2.6	2.6	2.6	2.5	2.5	2.4
Mulberry	Mulberry	..	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
Danville	Petit Jean	20	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.4	2.5	2.6	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4
Ozark	Arkansas	22	-0.9	-0.9	-1.0	-1.0	-1.0	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-1.1	-1.2	-1.2	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
Dardanelle	do	22	1.1	0.9	0.9	0.8	0.8	0.6	0.5	0.6	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.4	1.4	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.8	0.8
Morrilton	do	20	-3.6	-3.4	-3.6	-3.6	-3.6	-3.7	-3.7	-3.8	-3.8	-3.8	-3.9	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.6	-3.2	-3.2	-3.3	-3.3	-3.4	-3.5	-3.7	-3.7	-3.7	-3.7
Little Rock	do	23	-1.7	-1.4	-1.3	-1.4	-1.4	-1.5	-1.5	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.3	-1.1	-1.2	-1.2	-1.3	-1.3	-1.4	-1.4	-1.4
Pine Bluff	do	25	1.8	2.0	2.2	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.3	2.2	2.2	2.1	2.1	2.4	2.4	2.4	2.4	2.3	2.3	2.3
Gilbert	Buffalo	30	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.8	2.8	2.8	2.8	2.8	3.0	2.9	2.9	2.9	2.9	3.0	3.0	3.0	2.9	2.9	2.9	2.9
Doniphan, Mo.	Current	10	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6
Black Rock	Black	14	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.9	2.3	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9
Heber Springs	Little Red	30	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.7	1.8	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.2
OzarkBeachMo	White	30	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	0.0	-0.5	-0.5	-0.4	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.2
Cotter	do	21	2.5	2.5	2.8	2.8	2.8	2.8	2.6	2.6	2.4	2.4	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.8	2.8	4.2	4.4	3.7	3.5	3.5	3.1	3.1	2.9	2.6	2.6
Calico Rock	do	18	1.1	0.8	0.2	0.1	0.2	0.2	0.1	0.0	0.2	0.2	0.1	0.2	0.0	0.1	0.0	0.2	0.0	-0.1	-0.2	0.4	0.8	0.6	1.4	1.1	0.9	0.6	0.8	0.6	0.3	0.5
Batesville	do	23	5.3	5.6	5.4	5.0	4.9	4.9	4.9	4.8	4.7	4.6	4.5	4.6	4.8	4.7	4.6	4.6	4.6	4.6	5.0	5.1	5.1	5.6	6.5	6.2	5.8	5.5	5.4	5.5	5.3	5.0
Newport	do	26	0.3	0.4	0.2	0.5	0.3	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.5	0.9	1.0	1.4	1.9	1.6	1.3	1.1	1.0	0.9	0.8
Georgetown	do	21	0.3	0.4	0.7	0.8	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.6	0.7	1.1	1.3	1.9	2.1	2.1	1.9	1.8	1.7
Des Arc	do	24	3.1	3.3	3.4	3.4	...	3.7	3.7	3.7	3.5	3.5	3.5	...	3.5	3.5	3.4	3.5	3.5	3.5	...	3.7	3.8	4.0	4.3	4.5	4.9	...	5.1	5.2	..	4.9
Clarendon	do	26	6.4	6.4	6.5	6.6	6.8	7.0	7.1	7.1	7.0	6.9	6.9	6.9	6.9	6.8	6.7	6.7	6.7	6.7	6.8	6.8	6.8	6.8	7.0	7.3	7.5	7.8	8.1	8.4	8.4	8.2
St Charles	do	25	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.4	7.5	7.7	7.9	8.2	8.4	8.5	8.5
Glenwood	Caddo	..	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1
Arkadelphia	Ouachita	17	4.5	4.9	4.6	4.7	4.3	4.0	3.8	4.3	3.8	4.3	4.8	4.5	4.2	4.0	4.9	4.4	4.8	5.7	5.0	4.5	4.8	4.8	4.3	4.2	4.0	3.9	3.9	3.8	4.2	3.8
Boughton	Little Mo.	20	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.4	3.3	3.3	3.4	3.4	3.5	3.6	3.6	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
Camden	Ouachita	26	4.6	4.4	4.5	4.9	4.8	4.8	4.5	4.2	4.0	4.1	4.2	4.7	5.0	4.5	4.3	4.2	4.6	4.5	4.9	5.6	5.1	4.4	4.7	4.6	4.4	4.2	4.1	4.0	3.9	3.9
Benton	Saline	20	3.0	2.9	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.7	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0	4.1	4.1	4.1	4.0	3.9	3.6	3.6	3.5	4.0	3.8
Whitecliffs	Little River	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Index	Red	25	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.8	6.0	6.4	6.5	6.2	6.2	6.1	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.8	5.8	5.7	5.7	5.6	5.6
Fulton	do	25	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	3.3	3.4	3.2	3.3	3.2	3.0	2.9	2.9	2.8	3.1	3.0	2.9	2.7	2.7	2.9	3.0	2.9	2.8	2.7	2.6	2.5	2.5
Big Lake Outl't	St. Francis	10	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
St. Francis	do	18	4.2	3.9	3.7	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.6	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.7	3.7	3.5	3.8	3.9	4.1	4.4	4.5	4.7	4.8	4.7	4.6
St. Francis L.L.	do	..	15.0	15.1	15.5	16.6	17.4	17.9	18.3	18.1	17.4	16.8	15.9	15.0	14.4	13.8	16.2	17.2	17.6	18.6	18.9	18.6	18.2	17.7	17.7	18.1	18.5	18.9	18.5	18.4	18.6	18.4
Marked Tree	do	17	1.0	2.5	1.2	0.2	0.2	0.1	0.1	2.8	3.3	3.3	3.2	2.8	2.7	2.6	0.5	0.2	0.6	0.2	0.2	0.2	3.2	3.5	3.5	1.1	0.4	0.2	3.2	3.5	0.8	3.1
Parkin	do	28	2.8	2.3	1.8	2.2	1.6	1.2	1.1	1.0	1.1	2.6	3.2	3.1	3.0	2.8	2.5	2.1	1.5	1.6	1.4	1.2	0.9	1.5	3.0	3.2	2.7	1.8	1.3	1.9	3.0	2.4
Madison	do	32	1.3	1.3	0.9	0.6	0.6	0.5	0.3	0.1	0.1	0.1	1.0	1.3	1.5	1.4	1.3	1.2	0.9	0.5	0.4	0.3	0.1	0.2	0.3	1.1	1.5	1.1	0.8	0.4	0.4	1.1
Helena	Mississippi	42	0.3	1.0	1.9	2.6	2.8	3.0	3.2	2.8	2.0	1.4	1.1	1.0	0.9	0.7	0.6	0.4	0.3	0.3	0.7	0.9	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.2
Arkansas City	do	42	-0.8	-0.4	0.2	1.0	1.7	2.0	2.2	2.3	2.3	1.9	1.5	1.0	0.9	0.7	0.5	0.4	0.2	0.1	0.0	0.2	0.4	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.8

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations havi or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year peri for stations with 10 to 14 years the means are for the period to 1935, inclusive §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Po office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation r corded is for the 24 hours ending at time of observation. [1] Weather Bureau Station: precipitation is for the 24-hour period, midnight to midnight. [2]Precip tation is measured in the morning: amount then recorded is for the preceding 24 hours ‡Precipitation measured with recording gage. *Included in the next measu ment. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manill Boughton, Route 4, Prescott; Devils Knob, Salus: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock, Index, Route 5, Texarkana; Irons Fork, Irons Fo Experiment Forest, Mena; Lutherville, Route 1, Lamar· Rogers, Route 3, Rogers; Rosebud, Route 2, Mt Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cas Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mt., Norman, Mulberry, R 1, Mulberr

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§The mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office, Little Rock, Ark. 1-5-40 1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIV Little Rock, Ark., December, 1939 No. 12

Price: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

Average temperature for December, based on the reports of 72 stations, was 45.5°, which is 2.7° above the 49-year average. Monthly means ranged from 40.4° at Lead Hill to 51.9° at Texarkana. Temperatures were above the average from the 1st to the 20th, below the rest of the month. The highest temperature occurred on the 7th with 84° recorded at Dumas, Oden, Pine Bluff and Texarkana. The lowest for the month was 5° recorded at Lead Hill on the 29th.

The average precipitation for the month, according to the reports of 109 stations was 2.46 inches which is 1.76 inches below the 49-year average. The heaviest amounts were reported in the lowlands and especially over the southeastern counties. The greatest monthly total was 5.53 inches at Crossett, while the least was 0.81 inch at Hot Springs. The greatest 24-hour amount was 3.09 inches at Lutherville. The average number of days with 0.01 inch precipitation was five. Snow was reported on the 26th over the highland counties and the northeastern part of the State, with 2.5 inches average for the highlands and 1.4 inches average for the State. Devils Knob reported 7 inches of snow and Eureka Springs, Harrison, Cotter and Mammoth Spring reported 6 inches. Snow remained on the ground for several days and was favorable for winter grains and winter truck.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.08	30.38	13	29.65	23	7.1	21	w.	2	..	..	..	66
Fort Smith	30.07	30.44	18	29.78	26	7.7	25	nw.	12	76	57	54	59
Little Rock	30.07	30.39	14	29.61	23	8.0	26	nw.	2	84	60	71	52
Memphis	30.04	30.40	14	29.58	23	8.4	27	nw.	12	82	60	76	44

Corrections for November, 1939

DeQueen, greatest precipitation in 24 hours should be 1.65 inches. Fayetteville. and Fayetteville Exp., prevailing wind direction "N". Green Mountain, mean minimum, 37.4; mean temperature 46.8°. Marianna, mean minimum 39.1; mean temperature 50.2°. Morrilton, Portland and Waldron, wind direction should be NW.

Miscellaneous Phenomena

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	4								2	3		4			1	13	19	12				3	5	2		1					
Light Hail																															
Moderate Hail																							1								
Thunderstorm																		1	5												

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.9	72	13	4.69	....	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.8	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	−4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	−6	4.42	1.3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0.7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3.2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	8	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.8	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.8	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	5	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43.2	74	6	5.95	0.4	8	13	5.	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41.4	86	−8	3.65	0.3	6	14	5	12
1925	40.2	81	−6	1.71	0.3	3	15	5	11
1926	43.3	79	−3	7.15	2.1	10	11	4	16
1927	40.9	84	−2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	−5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0.9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	−5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41.5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	−4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.82	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44.6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
Period	42.8	88	−21	4.22	1.2	7	12	6	13

Climatological Data for December, 1939

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Alum Fork †	Saline	755	3	47.4	....	81	7	17^{j}	29	37	1.05	....	0.51	T.	3	17	6	8	e.	L. R. Water Works
Amity	Clark	560	44	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. W. Campbell
Arkadelphia	Clark	200	44	47.8	....	80	7	20	30	49	2.74	−2.14	1.53	0	7	14	5	12	se.	Mrs. Ted R. Carpent
Arkansas City	Desha	145	55	....	....	....	....	....	....	....	3.47	−2.51	0.97	0	6	17	1	13	....	Herbert Neff
Batesville Airway	Independence	363	3	45.4	+ 5.4	78	10	20	30	36	1.96	....	1.10	4.5	6	16	6	9	nw.	Airway Observer
Batesville	Independence	277	40	....	....	....	....	....	....	....	1.81	−2.11	0.70	2.8	6	17	7	7	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	47.4	+ 5.4	76	7	25	29	38	2.40	−1.77	1.30	2.0	5	16	4	11	w.	J. E. Scanlan
Benton	Saline	285	4	43.7	....	80	7	15	30§	52	3.20	....	1.45	0	7	16	1	14	nw.	S. A. Burks
Bentonville	Benton	1295	34	43.8	+ 5.8	74	6	13	29	34	1.47	−0.91	0.83	3.1	5	16	6	9	sw.	U. S. Weather Bure
Big Lake Outlet †	Mississippi	239	9	....	....	....	....	....	....	....	3.24	....	0.77	T.	7	16	1	14	....	C. J. Brooks
Black Rock	Lawrence	259	38	....	....	....	....	....	....	....	2.28	−1.82	1.07	1.8	5	19	1	11	n.	Vernon C. Howe
Blytheville	Mississippi	252	14	43.4	+ 0.8	73	7	21	30§	35	3.18	−1.16	1.35	T.	5	20	2	9	s.	Samuel Norris
Booneville	Logan	465	25	47.2	+ 3.4	80	6	16	29	48	1.22	−1.82	0.76	T.	4	17	6	8	w.	F. H. Randolph
Boughton †	Clark	235	4	....	....	....	....	....		....	2.80	....	1.49	0	6	15	3	13	....	Harry J. Buie
Brinkley	Monroe	205	48	44.8	+ 1.0	77	7	21		40	3.67	−1.44	1.79	0	4	12	10	9	nw.	R. J Torry
Calico Rock	Izard	361	35	....	....	....	....	....	....	....	2.03	−1.55	0.60	3.3	6	21	0	10	....	William Jones
Camden	Ouachita	116	54	49.0	+ 4.0	80	7	20	29§	48	4.46	−0.71	1.31	0	8	16	1	14	s.	J M Knight
Clarendon	Monroe	172	35	....	....	....	....	....	....	....	3.91	−1.14	1.45	0	6	12	5	14	w.	R. M. Wheatley
Clinton	Van Buren	516	18	....	....	....	....	....	....	....	2.05	−1.94	1.26	1.3	4	17	5	9	nw.	A L. Stephens
Conway	Faulkner	309	56	46.6	+ 3.8	81	7	18	29	47	2.69	−1.55	1.42	2.5	6	15	4	12	w.	E. E Cordrey
Corning	Clay	293	46	43.5	+ 3.6	78	7	16	30	44	2.37	−1.50	0.75	4.5	6	8	7	16	n.	Winfred D. Polk
Cotter	Baxter	440	12	....	....	....	....	....	....	....	2.25	−1.05	0.65	6.0	6	19	3	9	....	O. B. McSpadden
Crossett	Ashley	175	27	48.6	+ 2.0	82	7	17	30	48	5.53	−0.53	2.15	0	7	16	3	12	nw.	U. S. Forest Service
Danville	Yell	327	23	....	....	....	....	....	....	....	1.46	−2.14	0.77	0.5	6	17	5	9	....	J. M. Patterson
Dardanelle	Yell	330	53	46.0	+ 3.6	78	10	18	29	44	2.70	−0.87	1.07	0	7	14	8	9	n.	Geo. N. Goodier
De Queen	Sevier	426	4	47.9	....	78	7	18	30	45	1.31	....	0.54	T.	5	18	3	10	ne.	E. B. Smith
Des Arc	Prairie	204	1	....	....	....	....	....	....	....	2.03	....	1.38	1.2	4	13^{a}	2^{a}	15^{a}	....	Z. R. Glenn
Devils Knob †	Johnson	2350	3	43.6	....	72	7§	11	29	23	2.91	....	1.95	7.0	6	20	2	9	sw.	U. S. Forest Service
Dumas	Desha	162	34	48.6	+ 2.0	84	7	22	14	40	3.06	−3.23	1.00	0	6	13	6	12	n.	Ben Johnson
El Dorado	Union	270	39	51.7	+ 4.9	82	7	24	29	37	4.94	−1.27	1.91	0	6	14	5	12	w.	Mrs. E. W. Gasto
England	Lonoke	229	33	45.3^{a}	+ 1.3	75^{a}	9§	21	29	40^{a}	1.69	−3.34	1.10	T.	2	17	5	9	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	45.1	+ 5.3	76	6	11	29	30	2.66	−0.14	1.15	6.0	4	17	4	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	2	44.8	....	74	6	13	29	40	1.16	....	0.72	4.2	4	14	7	10	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	44.4	+ 4.4	72	6	14	29	37	1.17	−1.53	0.65	3.5	5	19	3	9	sw.	University of Arkan
Fordyce	Dallas	275	11	50.0^{h}	....	77^{h}	7	22^{h}	28	33^{h}	4.11	....	1.57	0	6	14^{h}	3^{h}	6^{h}	nw.	Miss Mercille McMu
Fort Smith	Sebastain	448	58	46.6	+ 4.5	74	9	19	29	33	1.57	−1.19	1.24	0	5	16	6	9	e.	U. S. Weather Bure
Ft. Smith Wtr. P. †	Crawford	....	2	....	....	....	....	....	....	....	2.49	....	0.98	T.	5	20	2	9	....	T. J. Wylie
Fulton	Hempstead	260	54	....	....	....	....	....	....	....	2.80	−1.42	1.40	0	4	15	3	13	....	T. J. Logan
Georgetown	Woodruff	200	27	....	....	....	....	....	....	....	2.72	−1.73	1.25	T.	5	19	3	9	....	C. G. Long
Gilbert	Searcy	600	14	41.6	....	79	6	10	30	54	1.97	−1.36	0.75	3.0	5	23	1	7	....	F. E. King
Glenwood	Pike	547	4	....	....	....	....	....	....	....	2.57	....	1.16	T.	6	12	3	16	....	C. A. Price
Grannis	Polk	950	20	49.0	+ 4.4	77	6§	15	29	35	1.70	−3.18	0.98	1.0	6	16	7	8	n.	W. E. McVay
Gravette	Benton	1250	42	41.8	+ 3.6	76	6	9	29	49	1.91	−0.50	0.96	....	4	22	3	6	nw.	Max W. Schmidt
Green Mountain †	Stone	1100	2	47.4^{a}	....	73^{a}	6§	27^{a}	22	33^{a}	1.21	....	0.79	4.0	3	20^{a}	6^{a}	4^{a}	nw.	U. S. Forest Service
Hankins †	Drew	....	2	....	....	....	....	....	....	....	2.53	....	0.78	....	7	..	.	..	....	Soil Conservation Se
Harrison	Boone	1052	39	43.5	+ 5.5	74	6	5	29	38	1.58	−1.28	0.74	6.0	6	20	1	10	w.	Louis R. Keck
Heber Spgs. (near)	Cleburne	....	10	....	....	....	....	....	....	....	2.39	....	0.91	1.8	6	14	8	9	....	Lester B. Logan
Helena	Phillips	300	67	46.2	+ 1.6	79	7	22	30	36	3.28	−2.15	1.16	0	9	13	2	16	nw.	James A. Burnett
Higden	Cleburne	445	20	....	....	....	....	....	....	....	2.17	−1.72	1.21	3.0	7	16	2	13	s.	Austin E. Cartwrigh
Highland	Pike	491	20	49.4	....	79	7	19	29	37	1.39	−2.87	0.82	0	4	10	14	7	sw.	J. O. Cooley
High Peak †	Montgomery	1834	1	....	....	....	....	....	....	....	1.16	....	0.84	3.2	2	18	4	9	ne.	U. S. Forest Service
Hope ‡	Hempstead	375	69	47.8	+ 0.8	80	7	20	29§	43	2.84	−1.93	1.48	0	5	14	4	13	w.	Experiment Farm
Hot Springs	Garland	600	48	47.6	+ 3.5	78	7	19	29	33	0.81	−3.86	0.37	T.	7	13	11	7	s.	National Park Serv
Index †	Little River	275	22	....	....	....	....	....	....	....	1.40	−2.31	1.20	0	2	18	0	13	....	W. E. McDowell
Irons Fork †‡	Polk	....	1	43.8	....	80	7	11	29	47	2.56	....	1.38	3.3	6	16	5	10	ne.	U. S. Forest Service
Jessieville	Garland	750	13	....	....	....	....	....	....	....	1.48	−3.10	0.90	T.	3	14	11	6	e.	U. S. Forest Service
Jonesboro	Craighead	345	44	44.6	+ 3.2	74	7§	21	30§	38	2.75	−1.88	0.63	3.0	10	13	7	11	sw.	Benedictine Sisters
Lead Hill	Boone	650	33	40.4	+ 0.6	74	10§	5	29	47	1.58	−1.11	0.85	5.0	6	17	4	10	nw.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	60	47.0	+ 2.8	76	7	22	29	31	1.41	−2.73	0.88	0.1	6	13	7	11	w.	U. S. Weather Bure
Little Rock Airway	Pulaski	257	3	46.4	....	79	7	20	29	44	2.55	....	1.19	T.	7	12	6	13	sw.	W. B. Airport Stati
Lutherville †	Johnson	775	41	45.7	+ 4.3	74	7	15	29	32	4.19	+0.25	3.09	2.5	3	10	8	13	sw.	H. G. Lenhardt
Madison	St. Francis	209	9	....	....	....	....	....	....	....	3.67	....	1.47	T.	7	10	2	19	....	J. W. Eppes
Magnolia	Columbia	315	23	51.6	+ 3.6	82	7	21	29	40	3.96	−1.33	2.12	0	6	12	10	9	sw.	State Agri. School
Mammoth Spring	Fulton	600	35	42.0	+ 2.6	76	10	9	30	47	2.08	−1.30	0.53	6.0	6	15	6	10	sw	Mrs. Johnnie Morto
Marianna	Lee	235	28	46.6^{e}	+ 2.9	76^{e}	7	24^{e}	30	41^{e}	3.67	−1.12	1.70	0	5	14^{e}	3^{e}	9^{e}	n.	C. N. Houck
Marked Tree	Poinsett	229	35	43.0	+ 1.8	74	7	20	30	40	3.13	−1.51	0.73	1.0	8	13	8	10	s.	Charles Walton
Mena	Polk	1207	51	48.0	+ 5.4	80	7	17	29	35	2.39	−1.58	1.05	2.0	7	15	9	7	sw.	E. W. St. John
Monticello Airway	Drew	273	3	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	Airway Observer
Monticello †	Drew	273	4	....	....	....	....	....	....	....	....	....	....	.	..	..	..	..	....	Soil Conservation S
Montongo †	Drew	....	4	....	....	....	....	....	....	....	2.44	....	0.74	....	7	..	..	..	....	Soil Conservation Se
Morrilton	Conway	315	20	44.0	+ 0.3	75	7§	21	15	43	2.67	−1.21	0.94	T.	8	17	8	6	nw.	Mrs. Nova Berry
Mountainburg	Crawford	2010	2	....	....	....	....	....	....	....	1.65	....	0.97	T.	4	23	1	7	n.	C. A. Lovell
Mountain Home	Baxter	800	27	43.7	+ 3.3	80	6	12	29	48	1.57	−1.79	1.02	6.0	4	22	0	9	w.	H. N. Halbert
Mountain Valley	Garland	273	2	....	....	....	....	....	....	....	1.44	....	0.76	T.	5	20	4	7	n.	J. G. Scott
Mount Ida	Montgomery	702	40	46.2	+ 3.4	83	7	14	29	50	1.72	−2.38	0.99	T.	4	18	3	10	sw.	G. A. Whittington
Mulberry †	Franklin	....	1	....	....	....	....	....	....	....	2.97	....	1.35	T.	3	16	7	8	....	A. J. McMath
Nashville	Howard	350	1	48.3	....	79	7	21	29§	45	1.11	....	0.60	0.2	6	17	4	10	w.	H. B. Carruth
Newport	Jackson	231	56	45.5	+ 3.3	75	7	19	30	40	2.81	−1.40	0.87	2.8	7	15	6	10	s.	J. D. Henderson
Oden	Montgomery	800	12	49.6	....	84	7	18	29	42	1.85	....	1.00	2.5	4	19	6	6	....	U. S. Forest Servic
Okay	Howard	288	11	49.4	....	82	10	16	30	41	1.47	....	0.89	T.	7	17	6	8	s.	Charles R. Jackson
Osceola	Mississippi	250	39	....	....	....	....	....	....	....	2.83	....	0.73	2.0	7	14	12	5	....	G. H. Banks
Ozark	Franklin	396	44	44.9	+ 3.7	75	10	18	29	40	2.41	−0.60	0.99	0	4	15	5	11	w.	Orkney O. Milton
Paragould	Greene	275	16	43.2	....	72	7	19	30	39	2.61	−1.92	1.18	1.5	7	16	9	6	sw.	J. E. Garrett
Parkin	Cross	222	9	....	....	....	....	....	....	....	3.27	....	1.32	0	5	14	1	16	....	Carroll King
Pine Bluff	Jefferson	215	52	49.0	+ 3.9	84	7	22	29	42	3.74	−1.82	1.47	T.	7	12	7	12	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	....	....	....	....	....	....	....	1.64	−2.81	0.91	2.0	3	17	3	11	sw.	J R. Huddleston
Plantersville †	Drew	....	2	....	....	....	....	....	....	....	2.45	....	0.76	....	7	..	..	..	....	Soil Conservation Se
Pocahontas	Randolph	300	46	42.8	+ 2.6	76	10	14	30	40	2.13	−1.90	0.84	3.0	5	16	5	10	n.	Benedictine Sisters
Portland	Ashley	122	33	49.0	+ 1.4	83	7	21	30	48	5.07	−1.10	1.85	0	6	14	2	15	w.	W E. Edmiston
Prescott	Nevada	318	51	49.3	+ 3.5	78	7	21	29	37	1.50	−3.05	0.98	0	6	16	3	12	w.	Craig Williams
Rock Springs †	Drew	....	4	....	....	....	....	....	....	....	2.42	....	0.75	....	7	..	..	..	....	Soil Conservation S
Rogers (near) †	Benton	1300	49	43.6	+ 4.6	75	6	9	29	46	1.28	−1.06	0.78	3.0	4	18	4	9	n.	Mrs. Carl A. Starc
Rosebud †	Faulkner	680	5	....	....	....	....	....	....	....	2.26	....	1.38	4.0	4	22	1	8	n.	G. A. Maddox
Ross †	Drew	....	2	....	....	....	....	....	....	....	2.35	....	0.78	....	7	..	..	..	....	Soil Conservation S
Russellville	Pope	526	27	46.4	+ 5.9	79	7	18	29	48	1.51	−1.50	1.09	5.1	6	22	0	9	nw	U. S. Forest Servic
St. Charles	Arkansas	175	6	46.0	....	80	7	23	30	44	4.38	....	1.40	0	8	16	10	5	nw.	U. S. Biological Sur
St. Francis	Clay	290	12	....	....	....	....	....	....	....	2.80	−1.57	1.17	2.0	7	19	1	11	....	A Boyce Boyd, Jr.
Searcy	White	245	29	45.7	+ 2.9	79	7	19	30	46	3.61	−0.63	1.20	0	7	18	0	13	nw.	Walter A. Smith
Springbank †	Miller	240	30	....	....	....	....	....	....	....	3.86	−1.06	2.05	0	5	18	0	13	....	Henry Field
Story	Montgomery	650	15	....	....	....	....	....	....	....	1.72	−3.37	1.20	0	3	17	8	6	n.	S. C. Story
Stuttgart	Arkansas	214	52	47.3	+ 3.3	81	7	22	29	43	4.16	−0.96	1.65	0	7	14	2	15	nw.	Mrs. B. E. Swim
Stuttgart ‡	Arkansas	210	4	45.7	....	80	7	24	30	41	3.72	....	1.50	0	7	..	..	..	....	Rice Experiment St

Climatological Data for December, 1939 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	42	47.2	+ 4.5	78	8	20	29	38	1.54	−1.73	0.80	2.5	4	22	2	7	w.	New Subiaco Abbey
Texarkana	Miller	332	54	51.9	+ 5.0	84	7	22	29	40	3.08	−1.27	1.80	0	4	16	7	8	n.	H. S. Brashear
Thornburg	Perry	650	19	45.0	+ 3.9	81	7	13	30	52	1.35	−2.63	0.74	2.0	5	15	5	11	n.	Edward E. Holmes
Turnpike †	Pope	2240	15	43.4		75	10	12	29	25	2.17	−2.08	1.31	3.6	4	16	3	12	sw.	U. S. Forest Service
Underwood †	Drew		2								2.38		1.75		6					Soil Conservation Ser.
Waldron	Scott	675	20	48.6[h]		80[i]	6	17[h]	29	50[i]	1.51	−2.12	1.04	1.0	3	15[h]	5[h]	3[h]	nw.	Wilson Ferguson
Warren	Bradley	206	45	50.2	+ 5.0	82	7	22	29	42	3.10	−2.83	1.40	0	6	3	3	25	sw.	C. N. Turner
Whitecliffs	Little River	290	33								2.04	−1.98	1.09	0	3	15	0	16		L. M. Snead
White Rock †	Franklin	2285	3	44.0		74	10	12	29	22	1.79		1.05	3.7	7	18	4	9	nw.	U. S. Forest Service
Wilson	Mississippi	237	14																	D. O. Anderson
Wynne	Cross	167	31	46.3	+ 4.3	78	7	21	30	41	2.79	−2.06	1.20	T.	4	15	7	9	n.	B. M. Eddins
State Means				45.5	+ 2.7	84	7	5	29	55	2.46	−1.76	3.09	1.4	5	16	5	10	nw.	

Daily Precipitation for December, 1939

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser. †	Ouachita	.40																						.14	T.	T.	.51	T.					1.05
Amity	Ouachita																																
Arkadelphia [2]	Ouachita	1.53														T.	.02			.11				.62	.08		.25	.13					2.74
Arkansas City [2]	Mississippi	.50												T.			T			T.	.15			.97	.56		.86	.43					3.47
Batesville Airway	White	.01											T.			T.							.08	1.10	T.		.57	.01				.19	1.96
Batesville River [2]	White																			.18				.70	.40			.08	.40	.05			1.81
Bee Branch	Arkansas	.65														T.				.10			.10	1.30			.25					T	2.40
Benton [2]	Saline	1.43															.06			.03				.89	.12	T.	.40	.27					3.20
Bentonville [1]‡	Arkansas																						.65	.51		.01	.18	.12				T.	1.47
Big Lake Outlet †[2]	St. Francis	.63												.11						.77				.62	.45		.04	.62	T.				3.24
Black Rock [2]	White	.53															T	T.						.15	1.07			.46	.07				2.28
Blytheville [2]	St Francis	.79																		.89				.14	1.35		T.	.01	T.				3.18
Booneville	Arkansas																			.04			.18	.76			.24	T.					1.22
Boughton †[2]	Ouachita	1.49																		.13				.70	.15		.24	.09					2.80
Brinkley	White	.90																		.16				1.79			.82						3.67
Calico Rock [2]	White	.60															.04							.57	.30		.05	.47					2.03
Camden [2]	Ouachita	1.74															.12		.02	.03				1.31	.63		.36	.25					4.46
Clarendon [2]	White	1.15												T.			T.			.12				1.45	.26		.32	.61					3.91
Clinton	White															T.			T.				.57	1.26		.10	.12						2.05
Conway	Arkansas															.07				.17			.15	1.42	.19		.69						2.69
Corning [2]	White	.47												.04				.01						.50	.60			.75					2.37
Cotter [2]	White	.50														T.								.55	.40		.10	.65	.05				2.25
Crossett [near]	Ouachita	.59												.14		.16				.88			.10	2.15			1.51						5.53
Danville [2]	Arkansas															.02	T			.04			T.	.77	.22		.11	.30	T.				1.46
Dardanelle [2]	Arkansas	.73														.01				.09				1.07	.28		.21	.31					2.70
De Queen	Red	.01																					.42	.54		.03	.31						1.31
Des Arc [2]	White													T.						.29				1.38	.24		.12						2.03
Devils Knob †	Arkansas	.05																					.22	1.95	.03		.61	.05					2.91
Dumas	Mississippi	.55									T.		T.	.25		.11				T.				1.00	T.	.20	.95		T				3.06
El Dorado [2]	Ouachita	1.24															.17							1.91	.89		.70	.03					4.94
England	Arkansas																							1.10			.50						1.60
Eureka Springs	White																						1.15	.87			.57	.07					2.66
Fayetteville	White	T.																					.19	.72	T.		.15	.10	T.			T.	1.16
Fayetteville Exp. S	White	.01																					.26	.65	T.		.17	.08				T.	1.17
Fordyce	Ouachita	1.57												.09		.18							.20	1.50			.57						4.11
Fort Smith [1]‡	Arkansas															T.			T				.60	.64		.04	.29	T				T.	1.57
Fort Smith W. †[2]	Arkansas	.98																						.84	.39		.10	.18					2.49
Fulton [2]	Red	1.40														T.	T.	T.		T				.95	T.	.08	.37	T.					2.80
Georgetown [2]	White																			.30			1.25	.37		.20	.60						2.72
Gilbert [2]	White	.50														T.				.02				.75	.25		T.	.45					1.97
Glenwood [2]	Ouachita	1.16														.02								.87	.21		.20	.11					2.57
Grannis	Red															T.				.07			.33	.98	.04	.05	.23						1.70
Gravette [2]	Arkansas	.96																						.50	.35			.10					1.91
Green Mountain †	White															.02								.79			.40						1.21
Hankins †‡	Ouachita												.11			.14				.03			.78	.62		.30	.55						2.53
Harrison	White	.03														T.							.20	.74	.02		.55					.04	1.58
Heber Springs	White	.70																T.		.04				.91	.34		.07	.33	T.				2.39
Helena [2]	Mississippi	.76												.05			.01	.03		.05				1.16	.35		.37	.50					3.28
Higden	White	.15														T.				.14			.21	1.21			.37	.03				.06	2.17
Highland	Ouachita																						.24	.82		.05	.28						1.39
High Peak †	Ouachita																						.84				.32						1.16
Hope ‡‡[2]	Red	1.48														T.	.06							.99			.25	.06					2.84
Hot Springs	Ouachita	.17											T.			.02	T.			.06			.07	.08	.02	.01	.37	.01					0.81
Index ‡[2]	Red															T	T							1.20				.20	T.				1.40
Irons Fork †‡‡[2]	Ouachita	59																					.03	1.38	.16		.25	.15					2.56
Jessieville	Ouachita																		.18					.90			.40						1.48
Jonesboro [2]	White	.58												.05			.01			.33				.63	.51	.01	.04	.58	.01				2.75
Lead Hill	White	T.											T.			T.							.13	.85	.02		.52	.01				.05	1.58
Little Rock [1]‡	Arkansas	.02											T.			T.	T.		T.	.04			.37	.51		.10	.37	T.					1.41
LittleRock Air'y [1]	Arkansas	.71											T.			T.	T.	T.	T.	.04			.01	1.19	.01	.01	.58	T.	T.				1.86
Lutherville †	Arkansas																						.50	3.09			.60						4.19
Madison [2]	St. Francis	.85												.13						.25				1.47	.28		.27	.42		T.			3.67
Magnolia	Red	.81															.11						.12	2.12		.25	.55						3.96
Mammoth Spg [2]	White	.53															.03							.40	.46	T.	T.	.61	.03				2.06
Marianna	St. Francis	.87												.05							.21			1.70			.84						3.67
Marked Tree [2]	St. Francis	.67												.09						.39				.73	.42		.07	.60				.16	3.13
Mena [2]	Ouachita	.90	.01										T.			T.	T.		T.	.05			T.	1.05	.14	T.	.14	.10	T.				2.39
Monticello Airway	Ouachita																																
Monticello(near. †‡	Ouachita																																
Montongo †	Ouachita												.12			.15				.05			.74	.47		.34	.57						2.44
Morrilton [2]	Arkansas	.94												T		.03	.03			.09			T.	.92	.28		.13	.25					2.67
Mountainburg	Arkansas																			T.			.34	.97			.25	.09				T.	1.65
Mountain Home	White															T.							T.	1.02			.30	.10				.15	1.57
Mountain Valley	Ouachita	.14														.07							.11	.76			.36	T					1.44
Mount Ida	Ouachita																			.12			.31	.99			30						1.72
Mulberry †[2]	Arkansas	1.34																							1.35			.28					2.97
Nashville	Red															.02	T.	T.					.25	.60	.01	.05	.18						1.11
Newport [2]	White	.67																		.25				.87	.44		.13	.35	.10				2.81
Oden	Ouachita																		.03				1.00	.43			.39						1.85
Okay	Red	.11														T.	.02			.08			.10	.89		.11	.16						1.47
Osceola [2]	Mississippi	.73												.12							.49				.67	.21		.03	.58	T.			2.83
Ozark [2]	Arkansas	.99	T.																					.90	.35		.17	T.	T.				2.41

Daily precipitation for December, 1939 [continued]

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Paragould	St. Francis	.45												T.			T.			.21				1.18	.13		.44	.15				.05	2.61
Parkin [2]	St. Francis	.85																						1.32	.30		.25	.55					3.27
Pine Bluff [3]	Arkansas	1.20												T.			.12		T.	.05				1.47	.32		.28	.30		T.			3.74
Pine Ridge [3]	Ouachita																						.32	.91			.41						1.64
Plantersville [†‡]	Ouachita												.14			.14				.04			.76	.59		.25	.53						2.45
Pocahontas	White	.51																.03						.84	.11		.64						2.13
Portland [2]	Ouachita	.64												.29			.03			.63				1.85			1.63						5.07
Prescott [2]	Ouachita															.01	.05							.98	.24		.12	.10					1.50
Rock Springs [†]	Ouachita												.12			.15				.03			.75	.55		.25	.57						2.42
Rogers (near) [†]	White																						.24	.78	.02		.24						1.28
Rosebud [†]	Arkansas																	.20					1.38					.68				T.	2.26
Ross [†‡]	Ouachita												.15			.12				.03			.73	.42		.27	.63						2.35
Russellville [‡‡]	Arkansas	.15																		.03			.22	1.09			.49	.02					2.00
St. Charles [2]	White	.78	T.											.06			.04		T.	1.10	T.			1.40	.01	T.	.55	.44	T.	T.	T		4.38
St. Francis [2]	St. Francis	.42	.16											.10				T						.24	.49		T.	1.17	.22				2.80
Searcy	White	1.16															.05			.40				1.20	.30		.14	.36					3.61
Spring Bank [†2]	Red	1.26														T.	.10							2.05	T.		.35	.10					3.86
Story [3]	Ouachita																			.10			1.20				.42						1.72
Stuttgart [2]	Arkansas	1.15												.04			.06							1.65	.33		.40	.53					4.16
Stuttgart [‡‡2]	Arkansas	83	T.														.09	T.	T.	.08				1.50	29		.47	.46					3.72
Subiaco	Arkansas	.01																		T.			.26	.80	T		.47	T					1.54
Texarkana [2]	Red	.98														.05								1.80			.25						3.08
Thornburg	Arkansas										T.					.01				.15			.02	.74	T.		43	T.	T.				1.35
Turnpike [†]	Arkansas	.06																					.45	1.31	T.		.35	T.					2.17
Underwood [†‡]	Ouachita															.15				.03			.75	.50		.30	.65						2.38
Waldron	Arkansas																						1.04	.31		.16							1.51
Warren	Ouachita	.25												T.		.25							.10	1.40		.15	.95						3.10
Whitecliffs [2]	Red	1.09	T.																T					.90			.05						2.04
White Rock [†]	Arkansas	.07																					.36	1.05			.17	.06	.06	.02			1.79
Wilson [2]	Mississippi																																...
Wynne [3]	St. Francis	.85																						1.20			.21	53					2.79

Daily temperatures for December, 1939

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	63	61	59	58	68	75	81	73	71	75	71	68	66	58	57	65	75	65	59	60	55	55	48	49	40	38	57	37	42	51	49	59.
	Minimum	44	40	37	36	38	38	..	45	36	50	..	..	..	27	39	..	37	..	44	..	..	..	34	..	27	32	31	31	17	29	27	35.
Arkadelphia §§	Maximum	62	59	67	66	74	75	80	73	75	74	70	71	65	65	56	61	60	67	58	61	55	58	56	59	58	40	40	40	42	51	52	61.
	Minimum	40	41	26	31	30	30	31	34	35	37	43	43	42	23	26	40	41	47	43	24	26	40	42	38	36	30	32	32	33	20	34	34.
Batesville	Maximum	58	55	58	60	69	74	76	61	74	78	63	74	59	58	57	65	65	68	58	55	51	40	42	42	40	37	36	34	37	47	38	55.
	Minimum	44	44	30	34	36	33	43	37	32	47	39	38	44	24	40	44	35	51	42	28	25	31	34	36	25	32	33	30	26	20	30	35.
Bee Branch	Maximum	56	56	62	59	66	70	76	75	72	75	75	65	65	59	56	65	66	67	64	57	55	55	50	45	45	42	39	39	40	43	43	58.
	Minimum	45	45	30	34	40	40	38	40	38	45	45	42	40	28	38	40	40	40	45	30	31	35	35	35	30	35	36	35	25	28	32	36.
Benton §§	Maximum	61	57	65	62	72	72	80	63	73	71	65	68	59	60	56	59	62	63	58	60	55	44	52	52	37	38	39	37	40	51	45	57.
	Minimum	43	38	22	27	26	26	28	29	31	31	40	36	41	21	21	39	40	53	43	21	20	21	34	28	30	30	33	32	17	15	15	30.
Bentonville ***	Maximum	58	49	56	60	67	74	72	67	71	71	71	63	49	58	62	67	71	69	49	50	47	40	38	37	36	33	30	24	36	41	35	53.
	Minimum	45	36	31	34	35	40	42	39	44	49	44	44	33	35	44	40	45	47	33	28	26	36	33	30	26	29	24	15	13	20	22	34.
Blytheville	Maximum	60	51	52	55	55	70	73	62	70	72	60	69	55	54	55	57	64	63	65	52	47	44	42	42	41	38	37	35	32	32	45	53.
	Minimum	46	37	30	28	34	35	42	32	36	47	36	40	31	33	35	40	48	40	41	31	28	29	27	30	24	32	33	30	26	21	21	33.
Booneville	Maximum	68	58	62	64	72	80	79	72	75	78	68	72	58	62	67	71	77	69	63	62	56	51	51	46	42	36	35	38	42	52	46	60.
	Minimum	42	43	28	37	34	32	34	41	38	43	42	50	37	25	47	37	33	43	37	27	27	32	32	37	28	31	32	26	16	19	24	34.
Brinkley	Maximum	53	55	56	58	66	71	77	64	71	70	63	68	62	57	50	55	61	65	60	55	52	44	43	43	37	36	35	36	38	45	42	54.
	Minimum	47	43	26	34	31	31	37	39	32	49	41	40	39	24	33	41	47	55	44	29	27	32	34	36	25	33	32	31	27	21	26	35.
Camden	Maximum	62	60	66	66	72	76	80	71	74	72	71	73	72	63	61	58	63	76	66	66	62	60	62	61	44	41	41	40	44	52	55	62.
	Minimum	48	45	28	31	34	31	32	37	35	46	40	42	42	25	36	44	42	48	50	27	27	42	42	40	33	33	34	27	20	20	24	35.
Conway	Maximum	65	59	63	60	71	78	81	65	76	77	67	69	64	63	58	69	74	71	61	61	65	44	44	46	43	37	39	39	43	53	42	59.
	Minimum	43	41	28	29	33	32	34	39	33	45	41	40	38	24	38	40	35	49	40	25	26	33	33	37	26	33	33	32	18	19	24	33.
Corning	Maximum	62	54	58	55	66	72	78	69	73	70	67	70	65	58	50	63	59	70	62	52	49	45	42	43	41	39	37	37	34	44	41	55.
	Minimum	42	41	32	25	29	29	42	30	29	49	33	36	34	22	36	39	43	42	41	27	22	23	32	32	21	30	30	29	19	16	19	31.
Crossett	Maximum	58	64	61	64	72	77	82	76	75	74	74	74	65	63	55	71	62	70	63	61	65	54	66	55	42	44	44	40	44	52	56	62.
	Minimum	46	36	24	29	32	30	34	36	37	48	42	43	35	24	24	46	44	49	49	23	27	42	44	40	35	36	35	32	25	17	24	35.
Dardanelle	Maximum	64	67	61	60	71	72	77	62	75	78	68	70	65	58	63	64	70	70	62	63	55	50	44	46	42	38	38	38	38	50	45	58.
	Minimum	41	44	28	32	30	32	33	38	34	42	40	40	40	26	38	40	31	40	41	25	27	32	32	37	27	31	33	30	18	19	27	33.
De Queen	Maximum	65	59	67	68	74	76	78	69	77	72	69	72	64	63	63	65	64	70	64	53	61	52	58	50	43	40	37	44	43	49	53	60.
	Minimum	45	40	29	30	32	31	33	39	38	49	43	50	35	25	39	49	36	46	42	23	27	38	40	39	33	32	31	32	19	18	24	35.
Devils Knob	Maximum	51	48	53	52	65	69	72	64	65	72	65	60	58	56	53	61	64	61	56	51	50	44	39	39	33	32	29	28	30	37	35	51.
	Minimum	39	35	33	38	44	50	55	41	46	53	45	49	32	35	41	43	44	48	34	32	35	30	32	29	24	26	24	18	11	21	22	35.
Dumas	Maximum	60	61	64	63	71	67	84	75	73	72	70	72	65	62	53	58	67	69	63	61	58	48	61	50	40	46	42	40	41	51	50	59.
	Minimum	49	45	30	35	35	30	34	37	51	50	45	45	41	22	38	44	41	52	45	31	30	35	41	38	31	36	35	35	25	24	26	37.
El Dorado	Maximum	62	58	64	65	72	78	52	76	75	72	70	74	64	62	63	60	69	67	63	69	67	62	66	60	49	50	42	40	45	54	57	63.
	Minimum	48	41	35	43	40	44	45	44	46	57	52	47	44	32	42	44	42	44	50	40	32	41	46	34	34	35	34	34	24	26	29	40.
England	Maximum	54	55	53	61	60	57	58	58	75	75	..	70	62	54	63	64	65	67	67	55	53	54	58	48	40	36	38	37	40	50	44	55.
	Minimum	41	41	30	33	34	34	34	35	35	54	40	41	38	38	34	39	42	42	42	30	29	28	34	34	36	30	34	32	21	23	25	34.
Eureka Springs	Maximum	58	51	57	59	67	76	74	67	72	74	71	64	53	63	63	70	73	70	61	43	39	40	35	35	34	34	32	29	35	41	39	54.
	Minimum	44	38	30	33	38	46	54	39	46	55	43	51	33	39	46	46	51	53	36	27	28	31	31	31	23	29	27	21	11	20	17	36.
Fayetteville	Maximum	58	52	56	59	66	74	71	66	72	70	69	63	53	57	61	69	71	69	61	52	51	47	43	38	37	36	32	29	35	43	37	54.
	Minimum	43	39	27	34	32	34	48	34	47	50	39	52	35	32	46	40	45	50	36	27	24	38	37	32	27	30	27	18	13	20	25	34.
Fayetteville Exp. S	Maximum	57	54	56	60	65	72	68	64	69	70	69	63	52	56	61	67	70	66	58	53	50	44	41	38	37	36	32	29	35	42	39	54.
	Minimum	41	39	27	33	30	35	44	39	48	49	41	45	32	32	46	39	48	52	36	27	26	33	37	33	27	30	28	19	14	21	25	34.
Fordyce	Maximum	60	58	59	61	68	70	77	69	71	70	70	69	66	60	53	..	..	65	..	..	63	53	58	..	..	58	39	42	49	..	..	61.
	Minimum	48	46	40	35	41	38	44	44	40	45	49	46	44	29	40	..	..	44	..	..	31	41	40	..	..	31	34	22	23	..	..	38.
Fort Smith ***	Maximum	63	54	61	63	68	72	72	61	74	73	63	66	54	57	65	60	69	69	54	56	57	44	45	42	39	38	35	33	40	47	40	55.
	Minimum	45	40	34	38	39	39	41	46	43	48	48	47	37	32	46	41	40	45	37	32	34	33	35	38	31	32	32	25	19	25	29	37.
Gilbert §§	Maximum	65	49	59	62	68	79	78	76	74	78	66	68	55	65	62	75	76	71	55	56	52	36	40	40	40	36	35	34	38	49	36	57.
	Minimum	41	40	21	23	22	23	25	24	26	25	27	50	37	17	34	29	26	26	30	15	15	28	29	31	21	23	28	25	11	10	27	26.
Grannis	Maximum	64	57	66	70	75	77	77	70	74	75	69	69	61	62	65	68	62	68	63	62	60	52	56	51	41	38	37	41	43	51	55	60.
	Minimum	42	42	36	38	40	43	43	47	43	50	49	49	39	28	42	50	38	49	41	30	34	36	38	36	31	30	30	27	15	20	26	37.
Gravette §§	Maximum	58	54	56	61	67	76	71	72	70	72	63	49	55	58	63	68	72	70	51	52	50	43	40	36	38	38	38	24	37	41	30	54.
	Minimum	39	38	22	24	27	27	36	42	42	42	45	24	29	34	32	33	39	42	35	20	20	32	34	31	25	28	20	15	9	15	21	29.
Green Mountain	Maximum	60	55	52	57	69	73	71	73	71	71	67	64	53	55	55	65	68	66	72	51	45	42	39	38	36	..	38	36	35	37	35	55.
	Minimum	41	41	31	37	41	49	54	53	46	52	41	50	46	34	41	45	50	49	39	44	33	27	30	31	31	..	32	31	30	33	30	39.
Harrison	Maximum	60	53	53	58	65	74	69	68	70	71	65	65	52	60	60	70	69	67	62	49	45	43	41	36	36	35	32	32	31	42	38	53.
	Minimum	42	39	30	30	39	41	48	30	41	47	35	50	35	23	43	32	44	46	38	28	22	29	30	32	22	30	29	24	8	13	25	33.
Helena	Maximum	57	55	57	62	66	72	79	60	74	69	64	67	62	59	51	58	62	67	60	57	52	46	52	49	39	41	38	38	39	48	42	56.
	Minimum	47	41	28	35	33	36	43	43	43	49	44	48	35	28	38	44	45	52	44	27	29	31	35	35	25	35	32	31	23	22	24	36.
Highland	Maximum	62	58	64	64	72	74	79	69	78	72	67	70	67	61	60	62	60	68	68	61	58	53	57	54	42	40	40	39	41	47	51	59.
	Minimum	44	44	33	43	40	44	46	47	41	51	49	51	41	34	43	45	42	51	43	32	35	38	37	38	31	31	32	31	19	23	28	38.
Hope §§ ‡‡	Maximum	63	59	65	65	72	74	80	69	74	74	70	73	60	63	59	63	59	69	58	61	60	47	60	47	40	39	38	39	43	48	50	59.
	Minimum	43	45	32	35	36	35	37	45	39	40	43	47	43	27	28	47	42	48	46	27	29	31	41	41	33	33	34	33	20	20	25	36.
Hot Springs	Maximum	60	56	61	59	69	72	78	64	71	70	65	67	65	58	56	61	67	62	61	59	55	49	52	52	41	36	38	36	40	49	45	57.
	Minimum	45	49	34	37	37	39	46	45	40	52	47	47	44	29	40	48	40	55	43	30	33	32	35	39	29	26	32	32	19	25	27	37.

Daily temperatures for December, 1939, continued

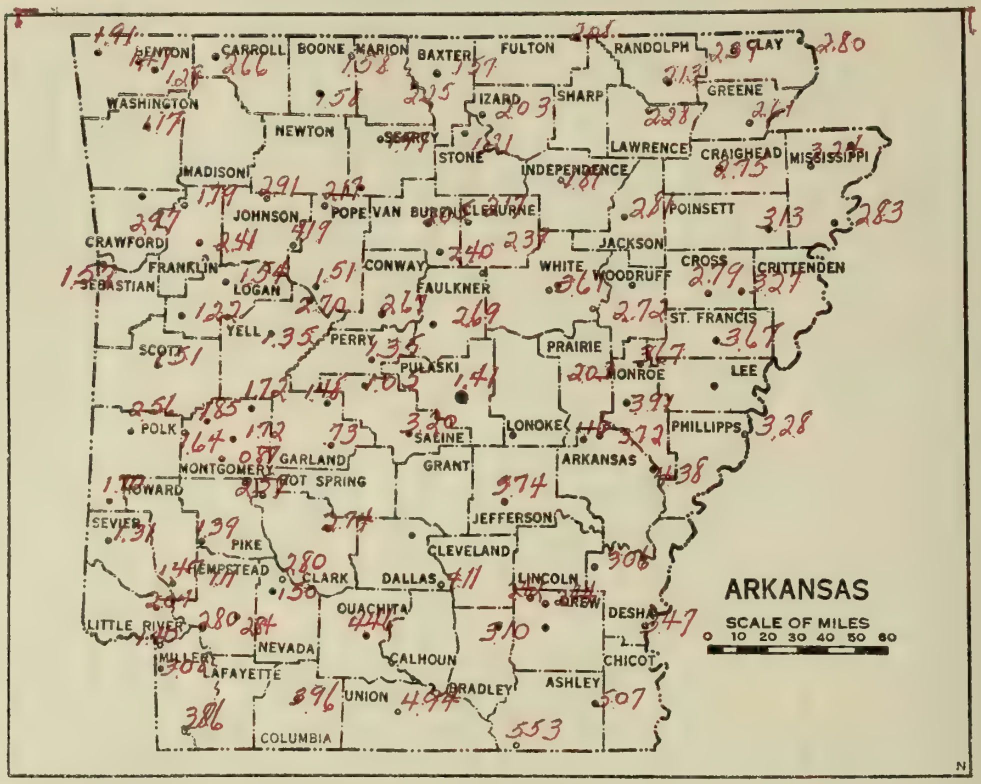
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork §§‡‡	Maximum	62	53	61	62	70	73	80	66	71	75	67	69	55	61	61	69	71	61	53	59	58	41	50	38	36	35	31	30	40	49	51	56.7
	Minimum	39	36	26	30	34	30	33	39	33	43	40	46	37	22	27	46	32	35	38	21	24	30	38	34	27	28	27	25	11	14	17	31.0
Jonesboro	Maximum	58	53	55	57	66	71	74	62	72	74	64	69	64	58	50	55	67	65	61	53	47	40	41	43	38	38	35	35	36	45	40	54 4
	Minimum	43	43	32	33	38	37	46	36	34	50	39	37	39	26	34	41	45	52	43	31	27	26	32	33	23	31	30	29	23	21	21	34.7
Lead Hill	Maximum	65	55	55	60	50	56	63	61	63	74	64	57	53	61	63	74	74	72	65	45	43	36	37	56	57	38	34	33	37	45	36	54.3
	Minimum	40	40	34	24	24	24	27	23	25	33	28	43	32	18	43	27	27	38	38	15	16	19	29	31	16	28	27	23	5	6	23	26.6
Little Rock ***	Maximum	60	54	60	58	69	71	76	61	71	70	62	67	56	58	55	58	67	64	59	58	52	42	48	44	35	37	39	35	39	48	41	55.3
	Minimum	46	41	35	40	40	44	45	45	44	52	47	48	39	32	44	45	46	56	41	32	37	35	36	35	29	32	34	27	22	24	30	38.8
Little Rock [Airway]	Maximum	62	56	62	59	70	72	79	62	72	73	63	68	62	58	55	59	68	66	58	60	53	42	45	45	38	37	39	36	39	50	42	56.5
	Minimum	46	45	31	33	34	36	35	42	35	46	44	42	44	27	35	42	47	56	43	30	31	36	35	37	26	32	35	32	20	23	27	36.4
Lutherville	Maximum	57	54	59	57	66	70	74	68	71	72	67	68	58	54	59	62	65	69	60	54	57	47	42	43	40	39	35	37	35	42	38	55.5
	Minimum	42	41	31	35	37	39	43	43	39	48	46	46	41	30	40	42	39	42	40	27	33	32	32	35	26	31	31	28	15	21	27	35.5
Magnolia	Maximum	62	63	67	68	74	75	82	76	75	74	74	75	77	65	53	57	62	69	69	63	67	59	66	64	65	40	40	39	45	52	58	63.7
	Minimum	49	45	31	35	41	36	42	42	49	56	40	56	41	29	34	48	44	53	51	29	38	41	46	40	35	35	34	33	21	24	27	39.5
Mammoth Spring	Maximum	61	53	54	55	66	73	75	68	74	76	68	65	53	55	51	67	63	71	60	51	47	41	42	37	40	38	40	33	33	43	40	54.6
	Minimum	43	43	27	30	27	27	30	29	27	39	30	39	35	20	36	32	33	38	41	23	18	24	33	32	20	30	30	27	20	9	22	29.5
Marianna	Maximum	60	57	..	59	67	70	78	65	75	..	70	69	64	57	52	58	..	57	69	64	52	47	50	..	..	52	40	39	38	48	44	57.7
	Minimum	36	45	..	31	35	35	46	41	34	..	41	44	43	25	31	44	..	30	45	48	27	34	36	..	..	27	34	34	28	24	28	35.6
Marked Tree §§	Maximum	60	54	53	56	67	71	74	63	72	72	63	71	51	58	53	60	66	63	55	53	50	40	42	41	38	36	37	34	36	47	34	53.9
	Minimum	39	41	32	32	31	31	35	34	32	40	35	36	41	24	26	38	45	46	44	29	24	26	29	33	22	23	31	30	23	20	24	32.1
Mena	Maximum	63	64	65	64	72	74	80	66	72	75	70	65	57	62	63	69	70	62	61	59	55	47	55	44	37	37	33	37	41	49	56	58.8
	Minimum	43	44	32	36	40	39	48	46	39	54	45	48	36	29	44	50	44	51	41	29	30	34	35	35	29	30	30	27	17	22	25	37.2
Monticello	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Morrilton §§	Maximum	62	54	59	58	68	72	75	61	74	75	69	70	54	60	59	66	70	69	56	58	54	46	41	45	38	36	36	37	38	47	40	56.4
	Minimum	43	43	29	31	32	33	32	33	32	32	39	40	39	26	21	36	33	34	39	27	26	26	33	38	28	28	32	31	22	22	22	31.7
Mountain Home	Maximum	65	54	55	59	68	80	76	64	76	76	66	71	51	60	61	72	75	73	56	47	49	36	39	40	40	45	40	32	37	46	35	56.3
	Minimum	42	41	32	30	34	32	35	34	35	44	35	45	35	24	37	34	36	34	38	27	21	27	30	32	20	35	25	20	12	13	25	31.1
Mt. Ida	Maximum	64	57	66	66	77	79	83	70	74	80	69	68	64	65	60	72	74	65	62	63	57	52	53	52	42	38	37	42	46	53	50	61.3
	Minimum	41	39	25	27	27	27	28	29	28	40	36	38	37	18	36	46	28	48	42	19	21	32	35	39	29	32	33	30	14	15	23	31.0
Nashville	Maximum	64	62	60	65	71	75	79	66	67	70	67	71	65	62	61	63	62	70	68	61	59	50	59	49	42	40	40	39	42	49	52	59 7
	Minimum	46	44	34	32	35	36	34	44	40	43	48	48	44	30	35	44	42	41	40	35	32	39	39	39	32	32	34	33	21	21	26	36.9
Newport	Maximum	58	55	57	59	67	71	78	65	72	74	63	67	65	57	53	57	67	67	61	55	53	47	42	43	40	40	37	37	39	46	49	56.2
	Minimum	45	44	30	32	31	31	39	38	32	47	39	37	43	23	39	45	50	53	44	26	25	31	33	35	25	32	32	31	25	19	23	34.8
Oden ***	Maximum	78	58	65	65	76	79	84	69	75	80	71	70	59	68	64	74	76	71	55	72	61	44	55	47	39	39	36	40	45	53	52	61.9
	Minimum	49	41	32	39	44	37	44	42	35	50	45	51	33	26	49	48	42	31	40	31	29	37	47	38	31	35	34	28	18	20	28	37.2
Okay	Maximum	63	64	68	70	71	73	72	73	75	82	72	74	72	63	62	65	65	71	71	63	63	59	62	58	44	40	40	40	44	50	55	62.7
	Minimum	42	41	28	30	33	43	40	41	43	44	43	50	39	22	39	42	43	46	45	24	29	42	43	40	33	33	34	32	18	16	23	36.2
Ozark	Maximum	59	56	60	58	66	72	74	62	72	75	65	67	58	58	59	60	69	69	64	57	56	51	45	46	40	40	38	37	38	45	38	56.6
	Minimum	43	43	27	34	32	32	35	40	37	44	42	48	38	27	33	32	33	39	41	27	30	33	33	30	25	30	32	25	18	19	26	33.2
Paragould	Maximum	58	52	51	52	63	67	72	65	69	71	66	68	65	54	49	56	60	66	61	51	49	42	42	43	44	38	35	37	33	42	42	53.6
	Minimum	45	43	32	27	31	32	38	34	30	46	37	33	38	23	31	38	46	48	44	32	24	25	32	33	23	31	31	30	23	19	21	32.9
Pine Bluff	Maximum	62	60	64	60	72	76	84	66	74	77	67	68	64	61	51	57	62	64	65	64	61	46	55	50	40	39	40	39	42	51	46	58.9
	Minimum	49	46	33	35	41	34	44	45	39	51	47	49	42	29	40	44	53	54	44	33	33	39	38	38	30	34	35	35	22	25	29	39.0
Pocahontas	Maximum	61	53	56	55	67	70	75	70	70	76	67	68	65	56	50	60	61	69	63	52	50	45	43	44	44	40	37	37	35	45	42	55.7
	Minimum	43	44	29	29	29	30	36	35	30	45	37	34	37	21	35	37	39	42	39	25	22	25	32	33	22	31	31	29	19	14	21	29.8
Portland	Maximum	62	61	64	62	70	77	83	70	76	73	71	70	67	61	57	70	65	73	65	61	64	54	64	57	42	55	43	42	43	52	53	62 2
	Minimum	48	41	28	28	37	31	35	40	35	48	41	44	41	25	35	44	43	48	46	29	29	36	40	37	32	34	33	32	24	21	25	35.8
Prescott	Maximum	60	59	57	63	67	73	78	74	72	68	63	61	60	60	58	61	62	69	67	62	61	56	61	59	49	42	40	39	45	50	55	59.7
	Minimum	46	46	34	36	40	37	41	46	41	49	47	53	42	28	44	45	43	52	47	30	32	42	41	40	33	34	34	33	21	22	27	38 9
Rogers	Maximum	57	52	58	60	67	75	71	67	71	71	71	68	53	68	62	68	71	69	62	52	48	47	38	39	36	36	32	32	35	40	36	55.2
	Minimum	44	38	23	31	28	29	43	37	40	42	40	53	34	25	44	29	45	39	37	22	22	34	33	32	25	29	27	17	9	18	23	32.0
Russellville ‡‡	Maximum	61	61	63	58	70	77	79	76	74	77	73	73	65	69	67	65	74	70	65	60	58	56	44	43	42	39	38	40	41	48	36	60.1
	Minimum	45	31	45	33	29	30	31	35	32	38	38	39	41	25	34	37	31	39	41	24	25	34	34	38	27	33	34	31	18	19	25	32.8
St. Charles §§	Maximum	58	57	57	60	67	72	80	65	74	70	66	71	52	58	50	61	62	70	57	57	54	48	54	41	40	40	39	38	39	48	43	56.4
	Minimum	44	45	29	30	34	33	36	41	37	43	44	44	42	30	29	45	43	46	47	34	29	29	35	36	29	31	34	34	27	23	25	35.7
Searcy	Maximum	60	58	62	60	68	74	79	63	73	77	68	68	65	59	53	61	65	68	60	58	55	45	43	43	38	38	40	37	42	49	38	57.0
	Minimum	45	42	29	34	30	32	33	42	33	42	43	38	40	25	32	42	44	52	40	27	28	33	33	36	26	32	33	31	21	19	29	34.4
Stuttgart	Maximum	59	58	57	62	70	74	81	64	76	71	66	70	64	58	50	57	62	67	61	60	55	54	51	48	41	39	39	40	41	50	43	57.7
	Minimum	46	43	29	39	36	35	38	42	39	48	43	43	41	28	36	42	45	54	46	29	29	36	36	38	28	35	34	34	22	24	26	36.9
Stuttgart ‡‡§§	Maximum	58	55	59	58	67	73	80	63	73	70	67	70	56	58	50	56	61	66	57	58	39	44	51	40	39	39	39	37	36	49	43	55.2
	Minimum	47	41	28	34	33	38	39	43	36	41	44	46	37	27	38	43	44	46	50	30	29	35	36	38	28	31	35	34	25	24	26	36.2
Subiaco	Maximum	59	57	60	58	67	73	73	78	75	74	68	69	60	60	67	64	71	71	65	56	58	51	44	45	39	37	35	35	36	46	41	57.8
	Minimum	44	45	35	40	39	40	40	43	37	47	47	45	40	29	45	37	36	39	40	34	33	33	33	39	29	32	33	29	20	26	29	36.7
Texarkana	Maximum	67	62	68	71	75	79	84	72	77	72	76	75	68	66	63	68	65	72	65	65	65	55	66	50	42	41	41	42	46	52	60	63.5
	Minimum	48	46	35	40	40	39	44	47	48	42	50	58	41	30	42	49	46	54	42	30	35	42	46	41	35	35	35	33	22	24	30	40.3
Thornburg	Maximum	67	58	64	63	73	78	81	61	74	78	68	71	65	59	62	69	73	67	63	61	57	42	45	45	36	35	36	36	42	52	41	58.8
	Minimum	35	45	36	27	29	26	29	29	28	49	33	47	40	18	39	35	27	52	41	19	19	32	32	33	25	30	31	29	14	13	21	31.1
Turnpike	Maximum	52	48	54	58	64	68	69	62	66	75	69	64	58	55	55	61	65	63	57	52	51	40	41	39	37	34	29	28	31	38	33	52.0
	Minimum	37	35	32	38	41	50	53	38	41	53	48	40	44	36	41	43	46	46	33	30	31	31	29	27	20	24	23	19	12	20	20	34.9
Waldron	Maximum	69	65	64	65	74	80	76	73	70	78	73	..	73	65	66	73	..	..	79	67	60	53	..	..	..	..	41	36	43	..	..	65.6
	Minimum	37	43	26	30	30	30	31	32	33	40	38	..	40	23	40	36	..	..	31	23	25	35	..	..	..	80	32	28	17	..	..	31.7
Warren	Maximum	61	61	72	76	75	77	82	71	74	72	72	70	67	62	52	58	62	67	64	60	61	56	61	54	41	42	40	40	44	50	54	61.2
	Minimum	49	44	40	44	45	45	40	44	40	55	45	47	43	28	37	45	45	52	45	29	29	38	40	39	32	34	34	33	22	23	27	39.1
White Rock	Maximum	57	49	54	55	67	70	72	65	65	74	64	59	50	51	56	61	63	61	55	51	52	45	44	42	35	33	31	28	30	40	36	52.1
	Minimum	39	35	36	38	46	49	53	43	47	52	47	47	33	36	42	42	48	47	33	32	37	30	31	32	24	26	23	16	12	20	21	36.0
Wilson	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wynne	Maximum	57	58	57	60	69	73	78	73	75	73	68	75	66	59	59	58	67	68	65	66	52	48	48	43	39	38	39	38	39	48	45	58.1
	Minimum	45	41	26	31	32	32	42	36	34	45	38	44	41	24	40	42	47	53	42	26	24	30	34	34	22	33	32	30	23	21	25	34.5

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for December, 1939

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, §§ Exp. Farm	Evap.	....	.060	.141	.090	.091	.128	.091	.109	.073	.060	.050	.060	.149	.109	.032	.048	.003	.000	.049	.108	.101	.103	.139	.043	.098	.030	.022	.017	.019	.061	.053	2.213
	Mean tem.	53	52	48	50	54	54	58	57	56	57	56	60	52	45	44	55	50	58	52	44	44	39	50	44	36	36	36	36	32	34	38	47.8
	Wind move	30	70	67	39	44	45	22	49	11	37	20	36	87	43	24	82	23	42	54	58	57	42	68	114	60	37	87	53	43	17	51	1462
Irons Fork, §§ Exp. Forest	Evap.	....	.054	.022	.022	.047	.047	.040	.045	.035	.028	.036	.164	.074	042	.059	.019	.056	.008	.034	.066	020	.087	....	.040	.006	....	...	.047	..	....	....	1.467
	Mean tem.	50	44	44	46	52	52	56	52	52	59	54	58	46	42	44	58	52	48	46	40	41	36	44	36	32	32	29	28	26	32	34	43.8
	Wind move	6	24	21	8	3	4	1	3	4	16	1	32	23	10	33	16	1	17	35	25	10	28	32	22	3	2	13	7	10	4	8	422
Russellville, Ozark Nursery	Evap.	...	.093	.093	.176	.046	.074	.048	.078	.032	068	.100	.046	186	052	.074	....	.020	.034	192	.058	.062	.056	....	.036	.022	....	.020	.042	.046	.002	.028	2.048
	Mean tem.	53	46	54	46	50	54	55	56	53	58	56	56	53	47	50	51	52	54	53	42	42	45	39	40	34	36	36	36	30	34	30	46.5
	Wind move	4	106	2	17	33	12	8	19	18	12	21	17	83	10	19	21	7	33	76	29	5	49	51	53	27	25	75	42	30	35	3	942
Stuttgart, §§ Rice Exp. Farm	Evap.	.012	033	118	.042	.055	.062	.050	084	.064	.038	.044	.078	.023	.054	.026	.097	*	.001	.028	.071	.069	.081	....	.049	*	.028	*	.021	*	.055	.024	1.351
	Mean tem.	52	48	44	46	50	53	60	53	54	56	56	58	46	42	44	50	52	56	54	44	34	40	44	39	34	35	37	36	30	36	34	45.7
	Wind move	61	95	108	21	19	36	15	43	26	63	41	40	92	49	39	40	43	68	91	45	46	67	112	104	64	45	110	66	25	32	70	1776

Precipitation for December, 1939



Daily River Stages for December, 1939

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Van Buren	do	22	2.6	2.6	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.
Mulberry	Mulberry	..	1.3	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.8	1.7	1.7	1.7	1.6	1.6	1.
Danville	Petit Jean	20	2.4	2.4	2.4	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.
Ozark	Arkansas	22	-1.0	-1.0	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.9	0.
Dardanelle	do	22	1.0	1.2	1.4	1.4	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.8	1.2	1.7	1.6	1.8	1.9	1.6	1.6	1.
Morrilton	do	20	-3.6	-3.4	-3.4	-3.2	-3.2	-3.1	-3.2	-3.3	-3.4	-3.6	-3.6	-3.6	-3.6	-3.6	-3.5	-3.8	-3.6	-3.6	-3.9	-3.9	-3.8	-3.9	-3.8	-3.6	-3.4	-3.0	-2.9	-2.8	-2.7	-2.9	3.
Little Rock	do	23	-1.3	-1.4	-1.4	-1.4	-1.2	-1.1	-1.0	-1.1	-1.1	-1.2	-1.3	-1.3	-1.4	-1.4	-1.4	-1.4	-1.5	-1.5	-1.5	-1.6	-1.6	-1.6	-1.4	-1.5	-1.5	-1.3	-0.9	-0.7	-0.7	-0.6	0.
Pine Bluff	do	25	2.3	2.3	2.2	2.2	2.2	2.4	2.5	2.6	2.5	2.5	2.5	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.2	2.5	2.8	2.8	2.
Gilbert	Buffalo	30	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.1	3.1	3.1	3.2	3.
Doniphan, Mo.	Current	10	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.
Black Rock	Black	14	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.6	1.6	1.6	1.8	1.8	1.8	1.8	1.
Heber Springs	Little Red	30	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.7	3.4	3.4	3.3	3.2	3.
Ozark Beach Mo	White	30	-0.4	-0.4	-0.5	-0.5	-0.4	-0.4	0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	0.4	-0.4	0.2	-0.4	-0.4	0.6	3.8	-0.5	-0.4	-0.4	-0.4	-0.
Cotter	do	21	3.0	3.0	2.7	2.7	2.5	2.5	2.5	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.9	3.0	3.5	3.8	3.5	3.5	3.
Calico Rock	do	18	0.3	0.4	0.4	0.2	0.3	0.8	0.5	0.4	0.5	0.3	0.3	0.3	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.3	0.2	0.7	1.0	1.1	2.4	1.1	0.5	0.
Batesville	do	23	5.3	5.1	5.0	5.1	5.0	4.9	5.4	5.2	5.1	5.2	5.1	5.0	5.0	4.9	4.7	4.7	4.8	4.8	4.7	4.6	4.5	4.5	4.9	5.0	4.9	5.2	5.7	5.8	7.1	5.9	5
Newport	do	26	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.7	0.6	0.6	0.5	0.4	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.4	0.4	0.5	0.9	1.2	1.7	0.
Georgetown	do	21	1.7	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.2	1.8	2.
Des Arc	do	24	4.9	4.9	..	4.6	4.5	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.3	4.6	4.9	5.0	5.2	5.2	5.
Clarendon	do	26	8.1	8.0	7.9	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.1	7.0	7.0	7.0	7.0	7.1	7.1	7.2	7.4	7.6	7.7	7.9	8.
St. Charles	do	25	8.4	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.8	7.8	7.8	7.7	7.6	7.6	7.6	7.5	7.5	7.4	7.5	7.6	7.7	7.6	7.7	7.8	8.0	8.1	8.
Glenwood	Caddo	..	5.2	5.2	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.
Arkadelphia	Ouachita	17	4.5	5.0	4.5	4.4	4.3	4.4	4.3	4.4	4.6	4.5	4.1	4.1	4.7	4.3	4.3	4.3	4.2	4.4	4.6	4.8	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.6	4.8	4.7	4.
Boughton	Little Mo.	20	3.6	3.5	3.6	3.5	3.5	3.9	3.8	3.6	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.6	3.8	3.8	3.
Camden	Ouachita	26	4.2	4.4	4.7	5.1	4.8	4.4	4.4	4.5	4.5	4.6	4.6	4.5	4.3	4.1	4.4	4.5	4.3	4.3	4.3	4.3	4.5	4.4	4.5	4.5	4.5	4.7	4.7	4.4	4.3	4.6	4.
Benton	Saline	20	4.4	4.5	4.8	4.8	4.6	4.6	4.4	4.2	4.2	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	4.0	4.2	4.4	4.4	4.7	4.8	4.8	4.7	4.
Whitecliffs	Little River	25	0.0	0.0	0.0	0.0	2.6	2.5	2.4	2.2	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.6	2.7	2.7	2.0	2.
Index	Red	25	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.8	5.9	5.8	6.0	5.8	5.
Fulton	do	25	2.8	2.7	2.7	3.1	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.2	3.2	2.9	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.7	2.9	3.2	3.6	3.7	3.6	3.
Big Lake Outl't	St. Francis	10	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	3.1	3.1	3.1	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.
St. Francis	do	18	4.8	4.7	4.8	4.9	4.6	4.4	4.2	4.0	3.9	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.6	3.5	3.4	3.4	3.6	3.9	4.1	4.5	4.6	4.7	4.7	4.6	4
St. Francis L.L.	do	..	18.2	18.7	19.0	18.8	18.9	19.0	19.2	18.8	19.0	19.2	19.3	19.3	18.0	19.0	19.2	19.2	18.7	18.8	19.0	19.3	19.4	18.9	18.4	19.0	19.0	19.4	19.0	18.7	19.0	19.4	19.
Marked Tree	do	17	3.4	0.8	0.3	3.3	1.5	3.4	1.0	0.3	3.4	1.2	0.4	0.2	3.5	1.1	0.2	0.2	3.4	2.2	0.5	0.3	0.2	3.5	3.6	1.2	0.4	0.4	3.6	3.8	1.0	0.5	0
Parkin	do	23	2.2	2.9	2.3	1.6	2.1	2.6	2.6	2.5	1.8	2.5	2.6	1.8	1.3	2.3	2.6	1.8	1.4	2.2	3.0	2.2	1.3	1.1	2.2	3.4	2.8	1.9	1.6	2.1	3.4	3.1	1
Madison	do	32	1.1	1.3	1.2	1.0	0.5	0.4	0.4	0.9	1.0	0.6	0.6	0.9	0.6	0.3	0.7	1.0	0.7	0.4	0.6	1.2	0.9	0.5	0.6	1.0	1.5	1.3	1.0	0.7	0.9	1.5	1
Helena	Mississippi	42	1.1	1.0	0.8	0.6	0.5	0.4	0.3	0.4	0.6	0.7	0.7	0.7	1.0	1.7	2.0	2.0	1.9	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6	2.6	3.0	3.8	4.1	4.2	4
Arkansas City	do	42	0.8	0.8	0.7	0.6	0.4	0.2	0.1	0.0	0.0	0.1	0.3	0.4	0.4	0.5	0.8	1.0	1.1	1.3	1.1	1.0	1.2	1.3	1.5	1.6	1.6	1.7	1.8	1.9	2.3	2.8	2.

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having
or more years of record. **Departures** of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year perio
for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Po
office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation r
corded is for the 24 hours ending at time of observation. ¹ Weather Bureau Station: precipitation is for the 24-hour period, midnight to midnight. ²Precip
tation is measured in the morning; amount then recorded is for the preceding 24 hours. ‡Precipitation measured with recording gage. *Included in the next measu
ment. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manill
Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Irons For
Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cas
Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mt., Norman, Mulberry, R 1, Mulberr

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Ther
mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office, Little Rock, Ark. 1-24-40-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLIV LITTLE ROCK, ARK., YEAR, 1939 NO. 13

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GENERAL SUMMARY

Temperatures were above the 35-year normal every month except April and November. The mean of 62.7° was 1.2° above the 49-year average. The highest annual mean was 67.6° at Texarkana, while the lowest mean was 57.8° at Lead Hill. The highest temperature during the year was 112° at Booneville on September 4th. This reading was one degree below the September record established at Helena in 1925. The lowest temperature was 4°, recorded at Mammoth Spring on February 4th. January and September were unusually warm. The mean of 79.9° in September was exceeded only once in September records, the record being 80.5° in September, 1925.

Monthly precipitation averages were above the 35-year normal in January, February, April and June. The average for the year was 50.16 inches, which is 1.91 inches above the 49-year average. The greatest annual amount was 66.68 inches at Pine Bluff while the least annual amount was 33.26 inches recorded at Fort Smith. The greatest monthly amount was 16.69 inches recorded at Pine Bluff in February, while the least monthly amount was 0.00 at Plantersville for October. February and June were noted for frequent rainy days. The average of 12 rainy days in February was a record for that month. Snowfall for the year averaged 5.1 inches. Heavy rains were reported on the evening of April 15th and all day of the 16th, over the northern and central counties, being excessive over west-central counties. Mountain Valley reported 8.25 inches for 24 hours, ending at 6 p. m. on the 16th, the greatest for the year. Danville reported 10.04 inches in less than 48 hours; Dardanelle 8.40 inches; Booneville 8.08; Ozark 4.57; Jessieville 7.60; Story 7.82 and Oden 8.22 during the same period. This downpour caused a record stage on the Petit Jean River at Danville of 31.8 feet on April 17th, causing flood losses estimated at $24,000. During this rainstorm the dam of the city of Paris waterworks washed out, with an estimated loss of $35,000

The drought condition which prevailed during September and October was decidedly unfavorable for vegetation, especially late corn, meadows, pastures, potatoes and truck. The scarcity of water for stock became quite a problem in most western and some northern counties during this period.

Seventeen tornadoes on 6 different days took a toll of 31 lives, injured 124, and caused property losses estimated at $294,900. High winds were reported on 20 days. A windstorm with near tornadic force on May 22d, that swept over Pulaski, Lonoke and Jefferson counties caused damages estimated at $550,000. Three people were killed and 19 injured during the storm. Total losses for the year were $1,687,250. Heavy hail was reported on 12 days, with losses estimated at $84,200. Lightning killed 9 persons during the year and caused property losses of $15,214.

The last killing frost in spring was recorded at most stations on April 7th, while the first killing frost in fall was noted on October 31st, a total of 207 growing days. The length of growing season for all stations averaged 212 days.

O.D.N.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature: Mean	Temperature: Highest	Temperature: Lowest	Precipitation: Average	Precipitation: Average snowfall	Number of days: Precip .01 or more	Number of days: Clear	Number of days: Partly cloudy	Number of days: Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	−14	57.75	8.7	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	186	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	−2	46.13	3.9	76	178	96	91
1898	61.4	108	−4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	−5	49.03	2.2	92	150	120	95
1901	61.1	116	−6	35.27	2.9	65	175	111	79
1902	60.5	108	−2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.3	84	162	107	96
1904	60.5	105	−5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	−7	55.99	4.3	95	156	96	113
1907	61.9	113	−8	49.78	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	−9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	−1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	−3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−23	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	3.4	91	166	75	124
1920	60.7	105	−2	54.28	2.5	90	174	71	118
1921	64.2	107	−3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	−8	37.03	7.9	74	193	68	105
1925	63.0	113	−6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	−2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	93	162	83	120
1930	61.7	115	−28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	−5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	93
1939	62.7	112	4	50.16	5.1	89	179	89	94
Period	61.5	120	−29	48.25	5.5	86	170	92	103

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1939

Month	Temperature, in degrees Fahrenheit: Mean	Departure	Highest	Lowest	Precipitation, inches: Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Sky: Clear	Pt. cloudy	Cloudy	Prevailing direction of the wind
January	45.5	+4.1	83	12	6.21	+1.74	12.01	0.5	10	14	6	11	sw.
February	43.7	+0.1	76	4	8.56	+5.13	16.69	3.2	12	10	5	13	s.
March	55.4	+2.7	88	19	3.71	−1.00	7.65	T	8	14	8	9	s.
April	59.3	−2.1	91	19	7.13	+2.29	13.42	T.	8	13	8	9	s.
May	69.4	+0.2	96	34	4.85	−0.13	11.17	0.0	10	13	9	9	s.
June	77.9	+0.7	100	49	4.50	+0.41	16.59	0.0	11	9	13	8	s.
July	82.0	+1.5	110	55	3.34	−0.45	9.67	0.0	7	19	8	4	sw.
August	80.2	+0.1	107	49	2.53	−1.00	6.84	0.0	6	16	11	4	s.
September	79.9	+5.4	112	35	1.77	−1.57	5.43	0.0	2	22	6	2	s.
October	65.2	+2.5	98	20	1.71	−1.42	8.48	0.0	3	21	5	5	sw.
November	48.8	−2.5	87	14	3.39	−0.35	6.81	T.	7	12	5	13	n.
December	45.5	+2.7	81	5	2.46	−1.76	5.53	1.4	5	16	5	10	nw.
Annual	62.7	+1.2	112	4	50.16	+1.91	16.69	5.1	89	179	89	97	s

EXCESSIVE PRECIPITATION FOR 1939

Station and date	Maximum amounts of precipitation: 5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
LITTLE ROCK, ARK											
May 22	0.34	0.58	0.91	0.98	1.04	1.06	1.07	1.07	1.08	1.09	1.10
June 5	0.48	0.69	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
July 2	0.63	0.90	1.03	1.06	1.08	1.09	1.10	1.10	1.10	1.10	1.10
Fort Smith, Ark.											
Oct. 9	0.34	0.56	0.80	0.87	0.90	0.91	0.92	0.93	0.93	0.93	0.93
Oct. 26	0.25	0.44	0.76	0.87	0.93	0.93	0.93	0.93	0.93	0.93	0.93

Climatological Data for Year, 1939

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Alum Fork Reserv.	Saline	755	3	.....	103	July 22	15	Feb. 11	3	44.12	10.08	April	0.64	Oct.	1.0	88	133	159	82	e.
Arkadelphia	Clark	200	2	64.0	106	July 22†	17	Feb. 22	44	49.40	10.03	Feb.	0.88	Oct.	T.	106	185	115	65	se.
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	55	57.14	11.94	Jan.	0.25	Oct.	T.	85	196	51	118	.....
Batesville Airway	Independence	363	3	62.4	105	Sept. 8	16	Feb. 4	3	52.64	8.31	Feb.	1.10	Sept.	4.5	115	150	109	106	se.
Batesville	Independence	277	.....	.....	.....	.....	.....	.....	40	52.72	8.75	Feb.	1.22	Oct.	13.3	108	188	65	112	.....
Bee Branch	Van Buren	650	46	62.2	104	Sept. 4	13	Feb. 4	47	48.80	8.10	April	1.30	Oct.	7.0	78	164[a]	96[a]	104[a]	w.
Benton	Saline	285	3	60.8	103	Sept. 4	15	Feb. 22†	4	58.28	10.66	Apr.	0.46	Oct.	T.	99	221	42	102	ne.
Bentonville	Benton	1295	34	59.9	103	Sept. 3	13	Dec. 29	34	40.23	8.71	May	0.52	Sept.	12.0	94	168	93	104	s.
Big Lake Outlet	Mississippi	239	.....	.....	.....	.....	.....	.....	9	50.85	9.63	Feb.	0.41	Oct.	2.5	95	199	28	138	.....
Black Rock	Lawrence	259	.....	.....	.....	.....	.....	.....	38	45.98	8.25	April	1.03	Sept.	10.8	81	236	11	118	s.
Blytheville	Mississippi	252	14	61.7	103	Sept. 8†	15	Feb. 4	14	43.98	7.46	Feb.	0.26	Oct.	8.2	86	213[b]	54[b]	96[b]	s.
Booneville	Logan	465	24	64.2	112	Sept. 4	14	Feb. 21	25	37.24	10.09	April	0.65	Sept.	5.5	85	149	135	81	s.
Boughton	Nevada	235	.....	.....	.....	.....	.....	.....	4	46.22	9.59	Feb.	0.83	Oct.	T.	91	171	77	117	.....
Brinkley	Monroe	205	52	.....	103	Sept. 4†	18	Nov. 5	52	58.28	10.97	Feb.	1.32	Oct.	T.	95	187	80	98	ne.
Calico Rock	Izard	361	.....	.....	.....	.....	.....	.....	35	42.71	6.68	April	0.71	Aug.	13.2	104	192[a]	41[a]	131[a]	.....
Camden	Ouachita	116	48	65.6	105	July 15	20	Dec. 29†	54	52.14	12.68	Feb.	1.09	Aug.	0.0	93	158[a]	77[a]	129[a]	s.
Clarendon	Monroe	172	.....	.....	.....	.....	.....	.....	35	54.31	11.20	Feb.	0.40	Aug.	T	99	168	73	124	n.
Conway	Faulkner	309	43	64.2	110	Sept. 4	18	Dec. 29	56	60.30	11.26	Feb.	0.56	Oct.	7.5	91	195	104	66	s.
Corning	Clay	293	39	61.2	106	Sept. 7†	9	Feb. 4	46	49.97	8.99	Feb.	1.89	Aug.	16.0	87	198	62	105	s
Cotter	Baxter	440	.....	.....	.....	.....	.....	.....	12	42.04	6.82	April	0.42	Sept.	17.0	69	216	51	98	.....
Crossett (near)	Ashley	175	16	64.3	101	July 14†	16	Feb. 22	27	51.20	9.03	Jan.	0.46	Oct.	0.0	79	170	103	92	s.
Danville	Yell	327	.....	.....	.....	.....	.....	.....	23	51.52	12.90	April	1.46	Dec.	7.5	105	161	100	104	.....
Dardanelle	Yell	330	30	63.8	105	Sept. 4	18	Dec. 29	53	52.46	11.88	April	1.80	Oct.	0.8	109	109	154	102	s.
De Queen	Sevier	426	4	64.5	106	Sept. 4	16	Feb. 22	4	43.38	7.57	Feb.	0.17	Sept.	T.	92	213	56	96	s.
Devils Knob	Johnson	2350	3	59.0	99	Sept. 4	6	Feb. 21	3	54.45	8.04	June	0.85	Sept.	24.0	105	196	49	120	sw.
Dumas	Desha	162	25	65.3	104	July 15	20	Nov. 4	34	55.08	9.99	Jan.	0.57	Oct.	T.	98	95	181	89	s
El Dorado	Union	270	35	67.0	109	July 15	22	Feb. 22	39	59.22	11.64	Feb.	0.70	Oct.	T.	87	193	89	83	s.
England	Lonoke	229	32	63.4	103	Sept. 6	21	Dec. 29	33	.....	.....	.....	.....	.....	T.	..	184[t]	118[t]	43[t]	s.
Eureka Springs	Carroll	1465	38	61.0	103	Sept. 3	5	Feb. 21	39	56.76	11.17	May	1.10	Sept.	15.0	93	206	90	69	sw.
Fayetteville	Washington	....	2	60.7	103	Sept. 3	8	Feb. 21	2	35.99	6.02	May	1.05	July	10.3	98	111	150	104	s.
Fayetteville Exp.	Washington	1451	48	61.1	105	Sept. 2†	7	Feb. 21	52	36.41	6.23	May	0.83	July	8.4	103	167	126	72	sw.
Fordyce	Dallas	275	9	65.9	105[a]	July 15	21	Feb. 22	11	56.68	11.96	Feb.	0.62	Oct.	0.0	97	182[y]	125[y]	33[y]	s.
Fort Smith	Sebastian	448	58	64.0	107	Sept. 2	13	Feb. 21	58	33.26	5.88	Feb.	0.23	Sept.	8.9	83	167	111	87	e.
Fort Smith Water	Crawford	.....	1	.....	.....	.....	.....	.....	1	36.75	5.42	Feb.	2.14	Aug.	3.5	67	191[b]	40[b]	132[b]	.....
Fulton	Hempstead	260	.....	.....	.....	.....	.....	.....	54	48.54	10.02	Feb.	0.85	Oct.	0.0	83	188	54	123	.....
Georgetown	White	200	.....	.....	.....	.....	.....	.....	27	51.48	9.84	Feb.	0.80	Oct.	T.	73	238	25	102	.....
Gilbert	Searcy	600	4	59.2	104	Sept. 3	10	Feb. 11†	14	45.18	9.11	Apr.	0.50	Sept.	6.0	86	218	27	120	.....
Glenwood	Pike	547	.....	.....	.....	.....	.....	.....	4	48.87	9.02	Feb.	0.88	Sept.	1.3	90	193[b]	63[b]	107[b]	.....
Grannis	Polk	950	19	63.3	106	July 22	12	Jan. 16	20	54.06	9.25	April	0.11	Sept.	1.6	107	178	99	88	s.
Gravette	Benton	1250	41	59.4	106	Sept. 2	5	Feb. 21†	42	46.60	9.42	May	0.34	July	3.5	75	207	98	60	sw.
Green Mountain	Stone	1100	3	61.5	102	Sept. 7†	11	Feb. 22	3	.....	.....	.....	.....	.....	17.7	..	136[f]	158[f]	65[f]	sw.
Hankins	Drew	.....	.....	.....	.....	.....	.....	.....	2	50.34	10.14	Jan.	0.02	Oct.	....	80	.....	.....	.....	.....
Harrison	Boone	1052	38	60.3	106	Sept. 3	8	Feb. 4†	39	44.15	7.21	May	0.27	Sept.	18.5	107	238[a]	43[a]	83[a]	sw.
Helena	Phillips	300	41	63.1	100	Sept. 4	18	Feb. 22	67	51.36	10.86	Feb.	0.46	Oct	T.	103	136	87	142	ne.
Higden	Cleburne	445	.....	.....	.....	.....	.....	.....	20	53.92	8.25	April	0.76	Oct.	5.0	94	196[c]	91[c]	75[c]	s.
Highland	Pike	491	10	64.7	105	Sept. 4	19	Dec. 29	20	50.49	16.51	Feb.	0.74	Sept.	0.0	81	103	148	114	sw.
High Peak Mt.	Montgomery	1834	.....	.....	.....	.....	.....	.....	2	45.32	10.88	April	1.16	Dec.	5.2	..	156	94	115	s.
Hope [Evap.]	Hempstead	375	33	63.5	105	July 22	20	Jan. 16†	69	55.70	11.49	Feb.	0.78	Sept.	0.0	84	184	115	66	sw.
Hot Springs	Garland	600	42	63.6	103	July 15†	19	Feb. 22†	48	53.63	9.89	April	0.81	Dec.	T.	103	134	172	59	s.
Index	Little River	275	.....	.....	.....	.....	.....	.....	22	42.67	9.11	Feb.	0.27	Aug.	0.0	61	255	14	96	.....
Irons Fork	Polk	1385	1	59.6	106	July 22	10	Feb. 22	1	53.76	9.25	April	1.90	July	9.3	106	.....	.....	.....	sw.
Jessieville	Garland	750	.....	.....	.....	.....	.....	.....	13	57.03	11.22	April	1.14	Oct.	T.	78	106	179	80	w.
Jonesboro	Craighead	345	43	61.9	101	Sept. 7	16	Feb 4	44	53.72	11.42	Feb.	0.98	Oct.	10.0	107	125	102	138	sw.
Lead Hill	Boone	650	22	57.8	106	Sept. 3	5	Dec. 29	33	47.27	7.80	July	0.73	Sept.	15.8	102	200	72	93	w.
LITTLE ROCK	Pulaski	321	60	63.5	103	Sept. 4	22	Feb. 22†	60	50.37	8.59	Feb.	0.66	Oct.	1.1	102	163	85	117	s.
Little Rock Airway	Pulaski	257	3	63.8	105	Sept. 4	20	Dec. 29	3	56.93	11.39	Feb.	0.61	Oct.	T.	106	153	95	117	s.
Lutherville	Johnson	775	41	62.2	103	June 15	14	Feb. 21	40	65.41	9.12	Feb.	3.22	June	4.5	90	159	103	103	sw.
Madison	St. Francis	209	.....	.....	.....	.....	.....	.....	9	55.39	9.98	Feb	0.79	Aug.	T.	80	125	41	199	.....
Magnolia	Columbia	315	20	66.8	104	Sept. 5	21	Feb. 22†	23	49.06	11.50	Feb.	0.43	Sept.	0.0	72	82[k]	216[k]	56[k]	se.
Mammoth Spring	Fulton	600	34	60.2	103	Sept. 7	4	Feb. 4	35	45.02	6.46	April	1.36	Sept.	22.3	87	177[b]	120[b]	66[b]	sw.
Marianna	Lee	235	27	63.7	102	Sept. 4	23	Feb. 22	28	47.70	9.43	Feb.	0.18	Oct.	0.0	86	.....	.....	.....	s.
Marked Tree	Poinsett	229	23	61.2	100	July 7†	17	Feb. 22	35	56.74	11.07	Feb.	0.69	Oct.	2.3	93	175[a]	107[a]	82[a]	s.
Mena	Polk	1207	47	63.7	109	July 22	14	Feb. 21	51	48.05	8.93	April	2.32	July	5.0	106	190	77	98	sw.
Monticello Airway	Drew	273	3	65.4	104	July 15	20	Dec. 30	3	58.57	10.71	Jan.	0.18	Oct.	0.0	99	136	120	109	sw.
Monticello (near)	Drew	.....	.....	.....	.....	.....	.....	.....	4	52.92	11.04	Jan.	0.20	Oct.	....	..	.....	.....	.....	.....
Montongo	Drew	.....	.....	.....	.....	.....	.....	.....	4	51.26	10.72	Jan.	0.17	Oct.	....	83	.....	.....	.....	.....
Morrilton	Conway	315	17	.....	104	Sept. 4	18	Feb. 4†	20	50.41	10.09	April	1.31	Nov.	2.8	97	147	113	105	s.
Mountainburg	Crawford	2010	.....	.....	.....	.....	.....	.....	2	42.87	5.85	Feb.	1.65	Dec.	7.0	84	217	68	80	se.
Mountain Home	Baxter	800	22	61.3	107	Sept. 8	12	Dec. 29	27	48.95	7.41	June	1.00	Sept.	23.0	88	190	54	121	w.
Mountain Valley	Garland	788	.....	.....	.....	.....	.....	.....	1	56.01	13.26	April	1.44	Oct.	1.5	97	227	60	78	s.
Mount Ida	Montgomery	650	24	62.1	109	July 22	5	Feb. 21	40	53.32	12.91	April	1.60	Sept.	2.5	85	176	83	106	sw.
Newport	Jackson	231	51	62.6	103	Sept. 4	19	Dec. 30	56	50.73	10.67	Feb.	1.12	Oct.	7.3	101	176	109	80	n.
Oden	Montgomery	750	3	62.9	105	July 15	12	Feb. 21	12	49.91	12.41	April	1.76	Oct.	4.7	93	150	138	77	sw.
Okay	Howard	288	11	65.6	105	July 20	16	Dec. 30	11	45.08	9.51	Feb.	0.30	Sept.	T.	93	206[b]	82[b]	75[b]	s.
Ozark	Franklin	396	42	.....	109	July 15†	10	Feb. 21	44	38.27	6.52	April	1.34	Sept.	1.5	87	186	57	122	se.
Paragould	Greene	275	1	60.6	98	July 7†	13	Feb. 4	14	51.49	9.91	Feb.	1.35	Sept.	11.1	109	222	83	60	sw.
Parkin	Cross	222	.....	.....	.....	.....	.....	.....	9	51.16	9.75	Feb.	1.36	Oct.	T.	72	191	31	143	.....
Pine Bluff	Jefferson	215	51	65.1	104	Sept. 4	21	Feb. 22	52	66.68	16.69	Feb.	0.53	Aug.	T.	98	154	135	76	sw.
Pine Ridge	Montgomery	840	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	....	..	.....	.....	.....	.....
Plantersville	Drew	.....	.....	.....	.....	.....	.....	.....	2	45.62	9.32	Jan.	0.00	Oct.	T.	82	.....	.....	.....	.....
Pocahontas	Randolph	309	45	61.2	103	Sept 8	12	Feb. 14	46	47.28	7.92	Apr.	1.08	Sept.	13.5	91	186	68	111	sw.
Portland	Ashley	122	33	64.4	100	July 14	19	Nov. 5	33	49.09	12.01	Jan.	0.91	Aug.	0.0	94	138	126	101	sw.
Prescott	Nevada	318	60	66.2	107	July 22	21	Feb. 22†	51	48.47	10.99	Feb.	0.56	Oct.	T.	101	167	94	104	w.
Rock Springs	Drew	318	.....	.....	.....	.....	.....	.....	4	48.20	9.76	Feb.	0.17	Oct.	....	82	.....	.....	.....	.....
Rogers (near)	Benton	1300	44	60.3	104	Sept. 1†	6	Feb. 21	49	39.52	7.65	May	0.30	Sept.	9.8	87	207	69	89	sw.
Rosebud	Faulkner	600	.....	.....	.....	.....	.....	.....	5	54.42	9.07	April	1.44	Oct.	7.0	..	195	101	69	n
Ross	Drew	.....	.....	.....	.....	.....	.....	.....	2	49.94	11.60	Jan.	0.08	Oct.	....	77	.....	.....	.....	.....
Russellville [Evap]	Pope	526	29	64.0	107	Sept. 4	18	Dec. 29	27	49.66	11.23	April	1.16	Sept.	16.1	100	263	0	102	se.
St. Charles	Arkansas	175	3	63.4	103	Sept. 4	22	Feb. 22	6	58.43	12.25	Feb.	0.48	Oct.	T.	91	180	90	95	s.
St. Francis	Clay	290	.....	.....	.....	.....	.....	.....	12	54.40	11.75	Feb.	2.09	Nov.	14.3	103	229	15	121	.....
Searcy	White	245	26	63.0	105	Sept. 4	18	Feb. 22	29	59.06	9.50	Feb.	1.50	Oct.	2.5	104	238	12	115	sw.
Spring Bank	Miller	240	.....	.....	.....	.....	.....	.....	30	42.31	8.53	Feb.	0.75	Oct.	T.	92	208	22	135	.....
Story	Montgomery	650	.....	.....	.....	.....	.....	.....	15	43.06	11.96	April	1.58	Oct.	3.0	86	223	72	70	s.
Stuttgart	Arkansas	214	49	63.7	104	Sept. 4	17	Feb. 22	52	63.11	13.96	Feb.	0.66	Oct.	0.0	92	218	71	76	n.

Climatological Data for Year, 1939

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Stuttgart Evap.	Arkansas	195	3	62.8	101	Sept. 4	22	Nov. 5	3	62.23	18.14	Feb.	0.95	Aug.	0.0	101	......	......	......	......
Subiaco	Logan	750	42	63.6	109	Sept. 3	15	Feb. 21	42	40.89	8.25	April	0.89	Sept.	11.0	85	203	85	77	se.
Texarkana	Miller	332	53	67.6	110	July 22	21	Feb. 21	54	41.25	8.49	Feb.	0.99	July	T.	66	194	95	76	s.
Thornburg	Perry	650	17	61.5	107	July 22	9	Feb. 4	19	50.68	10.35	April	0.88	Sept.	9.1	99	147	130	88	s.
Turnpike‡‡	Pope	2240	3	59.0	97	Sept. 4	8	Feb. 21	15	59.03	9.06	May.	1.78	Sept.	16.0	103	187	81	97	sw.
Waldron	Scott	675	..	......	......	......	......	......	20	45.50	9.61	April	0.58	July	7.0	75	104	132	62	se.
Warren	Bradley	206	43	65.4	104	July 15	21	Feb. 21†	45	56.99	9.93	Feb.	0.66	Oct.	0.0	81	75	45	245	sw.
Whitecliffs	Little River	290	......	......	......	......	......	......	33	43.50	9.88	Feb.	0.15	Oct.	0.0	61	223	38	104	......
White Rock	Franklin	2285	3	59.8	102	Sept. 4	6	Feb. 21†	3	50.68	8.57	June	1.09	Sept.	7.1	95	243	41	81	sw.
Wynne	Cross	107	31	62.8	102	Sept. 7†	17	Feb. 22	31	51.37	10.57	Feb.	1.99	Oct.	2.0	75	178	99	88	s.

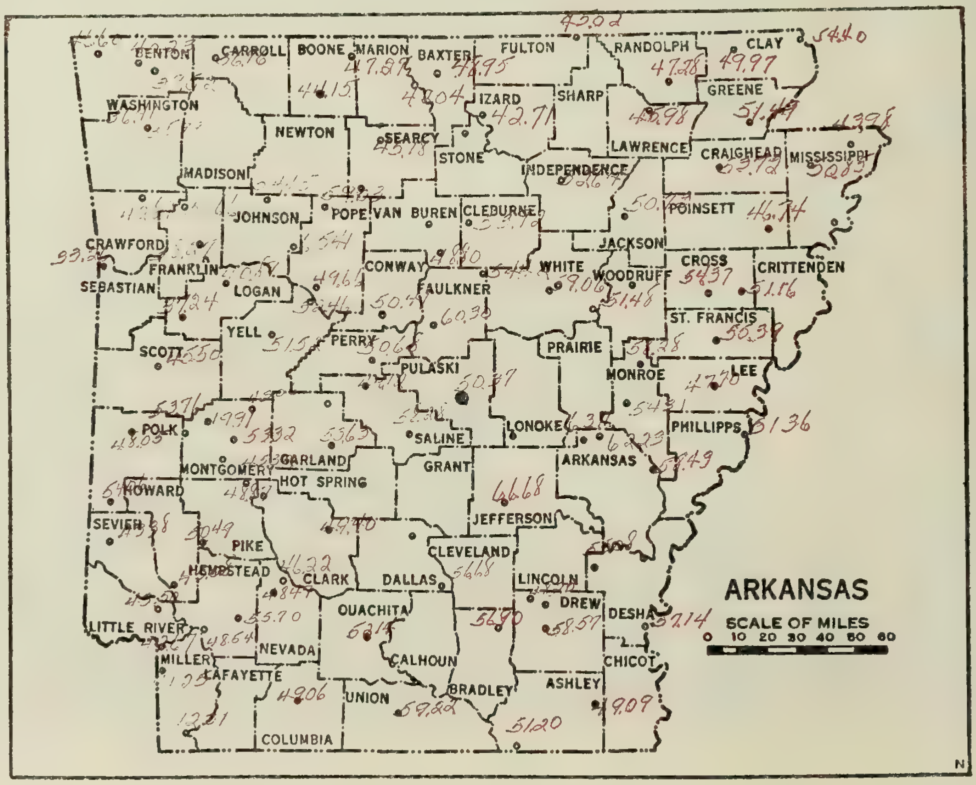
Monthly and Annual Precipitation for the Year 1939, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Alum Fork Reser.	5.19	......	7.15	.. ..	1.73		10.08	......	4.81	......	5.53	.. ..	1.54	......	3.40	... .	0.83	......	0.64	......	2.17	......	1.05	....	44.12	......
Amity	5.7[illegible]	+1.26	8.59	+5.19	3.10	-1.60	6.99	+1.89	5.19	-0.21	3.27	-1.54	. .	.....	.....	... .	.....	......	...	......	.	......	.	......	......	......
Arkadelphia	7.02	+2.19	10.63	+6.42	1.45	-0.02	6.81	+1.94	3.73	-1.40	4.35	-0.26	2.14	-1.55	2.42	-1.21	1.16	-2.18	0.88	-2.54	3.67	+0.12	2.74	-2.14	49.40	-0.63
Arkansas City	11.90	+7.39	8.21	+3.89	7.65	+2.45	3.28	-1.92	6.39	+1.42	5.05	+1.43	4.87	+1.23	0.55	-3.41	2.76	-0.89	0.25	-2.37	3.42	-0.36	3.47	-2.51	57.14	+6.35
Batesville Airway	5.52	......	8.31	.. ...	4.03	......	7.45	.. ...	5.12	......	7.84	....	3.42	....	3.84	......	1.16	......	1.71	......	2.54	......	1.96	.. ...	52.61	......
Batesville	5.58	+0.90	8.75	+5.31	3.79	-0.49	7.27	+2.52	5.77	+0.78	8.42	+4.50	3.24	-0.58	2.94	-1.47	1.39	2.36	1.22	-1.97	2.54	-0.89	1.81	-2.11	52.72	+4.14
Bee Branch	6.15	+1.60	6.49	+3.36	3.10	-1.28	8.10	+3.25	5.15	+0.09	3.80	-0.69	5.05	+1.64	3.45	-0.58	2.00	-1.20	1.30	-2.26	1.90	-1.76	2.40	-1.77	48.80	+0.40
Benton	7.60	......	10.22	......	3.85	......	10.66	......	6.54	......	3.75	......	3.25	...	3.50	... .	2.79	......	0.45	......	2.16	... .	3.20	... .	58.28	......
Bentonville	3.36	+0.69	4.47	+2.33	2.13	-1.90	4.24	-0.11	8.71	+3.50	8.47	+4.25	0.81	-3.52	3.30	-0.76	0.52	-3.16	2.93	-0.69	3.19	+0.18	1.47	-0.91	43.60	-0.11
Big Lake Outlet	6.94	......	9.63	.. ...	3.55	......	7.47	. ..	5.30	......	4.73	......	4.58	..	1.78	......	1.84	......	0.41	......	1.35	. ...	3.24	. .	50.85	......
Black Rock	4.91	+0.56	7.45	+4.20	2.79	-1.57	8.25	+3.23	7.14	+2.41	1.50	-2.25	3.37	-0.37	3.43	-0.68	1.03	-2.92	1.47	-1.91	2.36	-1.55	2.28	-1.82	45.98	-2.93
Blytheville	5.22	-0.79	7.46	+4.68	2.77	-2.57	6.84	+2.28	4.12	+0.20	3.57	-0.49	3.74	+0.52	4.22	-0.69	1.62	-1.83	0.26	-3.26	0.98	-3.25	3.18	-1.16	43.98	-0.67
Booneville	2.50	-1.30	6.56	+3.96	1.75	-2.28	10.09	+5.79	3.68	-2.00	3.55	-0.65	0.66	-2.89	1.26	-2.82	0.65	-2.28	2.45	-0.83	3.07	-0.17	1.22	-1.82	37.24	-7.39
Boughton	6.37	..	9.39	.....	1.15	.....	6.51	.....	2.47	......	3.50	. ..	2.75	..	2.28	.. .	1.16	......	0.83	......	3.97	......	2.80	......	46.22	......
Brinkley	10.29	+5.10	10.97	+6.77	3.43	-1.56	8.41	+2.95	3.11	-2.23	6.43	+2.70	1.93	-2.32	1.51	-2.16	3.93	-0.05	1.32	-2.20	3.22	-0.74	3.67	-1.44	58.28	+4.50
Calico Rock	4.58	+0.11	5.21	+2.48	3.72	-0.32	6.68	+2.32	5.55	+0.90	4.42	+0.84	3.27	+0.33	0.71	-3.60	1.50	-1.87	2.69	-0.20	2.35	-1.16	2.03	-1.55	42.71	-1.80
Camden	7.52	+2.58	12.68	+8.83	5.01	+0.38	4.51	-0.24	2.90	-1.80	1.45	-2.76	4.64	+0.63	1.09	-2.19	1.51	-1.70	1.13	-1.86	5.41	+1.47	1.36	-0.71	52.14	+2.63
Clarendon	7.52	+2.88	11.20	+7.28	4.22	-0.72	6.18	+0.87	2.55	-2.01	7.27	+3.68	4.48	+0.89	0.40	-3.28	2.64	-0.80	0.86	-2.38	3.08	-0.77	3.91	-1.14	54.31	+4.50
Clinton	5.31	+0.74	7.41	+4.49	1.37	-0.19	. . .	......	5.33	+0.50	3.89	+0.20	4.51	+1.94	3.15	-1.43	1.56	-2.12	1.82	-2.53	2.36	-1.08	2.65	-1.94	... .	......
Conway	6.23	+1.52	11.26	+7.85	3.52	-0.76	10.96	+5.91	7.07	+2.01	6.22	+2.84	2.81	-0.73	4.39	+0.83	1.76	-1.71	0.56	-2.86	2.83	-0.77	2.69	-1.55	60.30	+12.03
Corning	5.26	+0.53	8.99	+5.61	3.99	-0.37	6.35	+1.25	4.43	-0.30	3.29	-0.87	1.94	-1.46	1.89	-2.40	3.32	-0.32	6.29	+2.91	1.94	-1.82	2.37	-1.5[illegible]	49.97	+1.29
Cotter	4.80	+1.41	5.70	+3.05	3.32	+0.19	6.82	+3.01	6.03	+1.14	4.80	-0.15	3.82	+0.72	0.64	-2.78	0.42	-2.99	1.70	-2.25	1.74	-0.59	2.25	-1.05	42.04	-0.26
Crossett	9.03	+4.25	5.44	+1.70	3.16	-1.98	2.89	2.80	7.09	+2.44	5.39	+1.47	2.46	-1.99	2.05	-1.27	5.17	+2.55	0.46	-3.04	2.53	-1.35	5.53	-0.53	51.20	-0.55
Danville	3.97	+0.03	7.89	+5.11	1.78	-1.9[illegible]	12.90	+8.53	5.92	+0.13	5.37	+1.08	3.32	-0.14	2.35	-1.69	1.92	-1.47	2.44	-1.40	2.20	-0.57	1.46	-2.03	51.52	+5.32
Dardanelle	3.95	+0.33	7.54	+4.66	2.15	-1.83	11.68	+7.73	6.30	+1.11	5.11	+1.43	3.25	+0.16	2.51	-0.82	2.70	-0.59	1.80	-1.60	2.27	-1.04	2.79	-0.87	52.46	+8.67
De Queen	4.04	......	7.57	......	4.15	......	7.09	......	4.03	......	4.09	....	1.66	.....	2.59	......	0.17	......	2.28	......	4.60	......	1.31	. .. .	43.38	......
Des Arc	....	......	....	......	....	......	.	.. .	....	......	....	......	1.78	......	0.84	......	3.84	......	1.25	......	3.52	......	2.03	.....	....	......
Devils Knob	3.88	......	7.33	.....	3.84	......	5.99	.....	7.98	...	8.04		5.43	......	1.33	... .	0.85	......	2.83	.....	4.94	.....	2.91	......	54.45	......
Dumas	9.99	+4.97	8.58	+3.97	4.72	-1.04	5.70	+0.90	5.81	+2.34	5.07	+1.26	3.05	-1.56	3.17	-0.42	1.61	-1.25	0.67	-2.65	3.72	-0.48	3.06	-3.23	55.08	+2.81
El Dorado	9.50	+4.77	11.64	+8.01	5.11	+0.15	3.06	-2.17	3.11	-0.37	1.52	-2.17	9.67	+5.63	2.91	-0.09	1.44	-1.71	0.70	-2.62	5.62	+1.56	4.94	-1.27	59.22	+9.75
England	7.85	+2.95	10.65	+6.85	3.30	-1.54	7.45	+1.88	....	......	4.56	+0.73	5.40	+2.11	0.35	-3.29	3.16	-0.61	1.25	-1.8[illegible]	3.30	-0.49	1.60	-2.34	.....	......
Eureka Springs	4.13	+0.93	5.16	+2.70	1.86	-2.12	4.93	+0.01	11.17	+5.58	7.34	+1.96	2.07	-2.23	4.55	-0.42	1.10	-3.12	8.38	+4.77	3.31	+0.21	2.66	-0.14	56.76	+8.13
Fayetteville	3.37	......	4.79	... ..	1.51	......	5.19	.....	6.02	......	3.81	......	1.05	......	1.25	......	1.13	......	3.64	.....	3.07	.....	1.16	.....	35.99	......
Fayetteville Exp.	3.51	+0.51	4.75	+2.55	1.52	-2.18	4.47	-0.13	6.23	+0.94	5.27	+0.53	0.83	-3.08	0.89	-3.15	0.87	-2.68	3.60	-0.10	3.30	+0.13	1.17	-1.55	36.41	-7.89
Fordyce	6.77	.. ..	11.95	.....	4.85	.... .	6.05	......	4.33	.	5.33	......	1.22	......	3.73		1.17	......	0.62	......	6.54	......	4.11	......	56.68	......
Fort Smith	1.97	-0.57	5.88	+3.32	1.24	-1.77	4.35	+0.41	3.43	-1.59	4.88	+1.16	0.57	-2.80	1.21	-2.07	0.23	-2.76	4.09	+1.10	5.84	+0.97	1.57	-1.19	33.26	-5.59
Ft. Smith WaterPt.	2.22	.. ...	5.42	......	2.2[illegible]	... .	4.11	......	2.99	......	2.50	......	3.78	.. .	2.14	.....	2.70	......	3.80	.....	2.55	.	2.49	......	36.75	......
Fulton	6.70	+2.07	10.02	+6.59	3.35	+1.01	4.50	-0.17	0.98	-3.67	2.76	-1.40	4.27	+0.52	2.14	-1.06	0.86	-1.79	0.85	-2.01	6.75	+3.25	2.80	-1.42	48.01	+1.95
Georgetown	7.77	+2.75	9.81	+6.16	3.88	-0.81	7.64	+2.43	2.92	-1.83	3.18	-1.31	4.80	+1.41	1.95	-1.78	2.95	-0.94	0.80	-2.59	3.03	-0.76	2.72	-1.73	51.48	+1.05
Gilbert	4.68	+0.87	5.60	+3.37	3.19	+0.47	9.11	+4.00	7.31	+2.87	4.91	+1.08	2.50	-0.99	1.25	-2.63	0.50	-3.83	1.94	-2.74	2.22	-0.13	1.97	-1.36	45.18	+0.98
Glenwood	5.99	.... .	9.02	......	4.02	......	8.63	....	3.67	......	2.08	......	5.51	...	1.78		0.85	......	1.89	......	2.83	......	2.57	......	48.87	......
Grannis	4.38	-0.42	8.75	+1.49	4.42	-0.52	9.28	+2.98	6.29	-0.14	5.31	+0.29	2.65	-3.69	4.16	+0.52	0.11	-4.71	2.45	-1.77	4.56	+0.44	1.70	-3.18	54.06	-5.62
Gravette	2.91	+0.13	4.22	+2.33	2.65	-0.97	4.87	+0.31	9.42	+4.00	8.40	+2.85	0.34	-3.88	4.79	+0.66	0.68	-3.03	3.35	-0.38	2.76	-0.40	2.21	-0.20	46.60	+1.47
Green Mountain	4.39	......	6.23	......	3.28	......	5.99	......	6.01	....	3.58	......	3.82	. .	1.08	......	0.72	......	3.56	.....	....	......	1.21	......	... .	......
Hankins	10.14	......	10.07	......	4.46	......	5.15	.....	2.54	... ..	2.58	......	4.60	... ..	1.48	.	1.91	.....	0.02	......	4.86	.... .	2.53	... ..	50.34	......
Harrison	3.70	+0.53	4.98	+2.48	1.95	-1.69	6.30	+1.36	7.21	+2.00	5.73	+1.33	3.72	-0.39	3.00	-1.03	0.27	-3.76	2.45	-0.68	3.31	+0.50	1.58	-1.28	44.15	-0.63
Heber Springs	...	......	....	......	....	......	..	. ...	7.24	......	4.79	.....	7.78	......	2.77	......	3.14	......	0.47	......	2.25	......	2.39	....	... .	.... ..
Helena	10.83	+5.67	10.86	+6.97	5.85	+0.14	6.80	+1.70	1.87	-2.82	3.33	-0.03	2.48	-1.22	0.76	-3.06	2.44	-0.61	0.46	-2.52	2.40	-2.04	3.28	-2.15	51.36	0.00
Higden	6.23	+1.65	7.18	+4.50	3.69	-0.57	8.25	+3.35	8.12	+2.80	4.64	+0.67	5.20	+1.75	2.90	-1.49	1.82	-1.87	0.70	-2.69	2.96	-1.60	2.17	-1.72	53.92	+4.78
Highland	5.21	+0.63	15.51	+13.14	4.34	-0.03	4.39	+0.25	4.20	-0.92	2.93	-1.17	2.67	-1.19	1.21	-2.57	0.73	-2.46	1.35	-1.82	5.55	+2.03	1.39	-2.87	50.49	+3.02
High Peak Mt.	4.50	......	6.28	......	2.97	......	10.88	......	2.97	......	2.22	......	3.25	......	5.42	......	1.53	......	2.59	......	1.85	......	1.16	......	45.32	......
Hope	8.30	+3.50	11.49	+7.67	5.34	+0.66	6.65	+1.66	4.08	-1.12	2.81	-0.71	4.57	+0.21	3.85	+0.88	0.75	-2.63	0.90	-2.01	4.09	+0.33	2.84	-1.93	55.70	+6.51
Hot Springs	5.47	+0.61	8.94	+5.43	2.59	-1.84	9.89	+3.90	4.62	-1.39	2.76	-1.89	4.87	+0.27	4.97	+1.15	3.25	-0.25	0.83	-2.60	4.63	+0.73	0.81	-3.86	53.63	+0.26
Index	5.35	+1.71	9.11	+6.80	5.49	+1.45	5.60	+1.42	0.35	-4.07	4.45	+1.57	2.15	-1.19	0.27	-3.02	1.20	-1.58	1.32	-1.58	5.98	+3.08	1.40	-2.31	42.67	+1.78
Irons Fork	3.81	......	8.09	....	3.14	......	9.25	......	8.02	......	3.66	......	1.90	.... .	3.82	......	3.22	......	2.90	....	3.39	......	2.56	......	53.76	.....
Jessieville	5.79	-0.37	8.05	+5.03	1.85	-2.46	11.22	+5.56	5.81	-0.23	5.26	+1.12	5.27	+1.83	6.69	+3.17	1.51	-1.65	1.14	-2.52	2.96	-1.37	1.48	-3.10	57.03	+5.07
Jonesboro	6.78	+1.76	11.42	+7.78	3.50	-1.06	6.29	+1.50	4.27	+0.08	4.76	+0.82	5.25	+1.96	4.01	+0.29	1.11	-2.30	0.98	-2.48	2.60	-0.79	2.75	-1.88	53.72	+5.68
Judsonia	8.91	......	11.95	......	3.63	......	....	......	....	......	..	......	....	......	....	......	....	......	....	......	....	......	....	......	.....	... ...
Lead Hill	4.14	+1.43	4.41	+2.17	1.71	-1.93	5.03	+1.69	6.66	+1.83	7.03	+1.78	7.80	+4.35	2.02	-2.22	0.73	-2.33	2.68	-0.46	3.48	+0.72	1.58	-1.11	47.27	+5.32
LITTLE ROCK	7.86	+3.13	8.59	+4.75	2.47	-2.15	7.97	+2.78	6.95	+2.17	3.14	-0.62	2.11	-1.39	2.92	-0.83	2.36	-0.81	0.66	-2.05	3.93	-0.26	1.41	-2.73	50.37	+1.99
Little Rock Airway	9.11	......	10.39	..... .	3.54	......	8.34	......	7.00	......	3.70	......	2.68	.....	2.85	......	2.56	......	0.61	.....	3.67	......	2.55	.....	56.93	......
Lutherville	4.94	+1.01	9.12	+6.04	5.62	+1.61	7.96	+3.12	6.93	+1.66	3.22	-1.28	3.83	+0.08	5.80	+1.95	5.43	+1.52	3.45	-0.55	4.92	+1.51	4.1[illegible]	+0.25	65.41	+16.92
Madison	8.44	......	9.98	.....	4.70	......	7.57	......	5.00	......	3.85	.....	3.60	......	0.79	.... .	4.32	......	0.96	......	2.51	......	3.67	......	55.39	......
Magnolia	6.00	+1.44	11.50	+7.71	4.90	+0.44	3.73	-1.11	0.61	-3.83	3.99	+0.17	3.76	+0.30	2.48	-0.56	0.43	-2.00	0.97	-1.88	6.75	+2.72	3.96	-1.33	49.12	+2.08
Mammoth Spring	4.92	+1.46	4.90	+1.96	4.68	+1.02	6.46	+ .60	4.94	+0.35	3.15	-1.17	2.30	-1.52	3.81	-0.46	1.36	-2.17	3.16	-0.17	3.28	+0.01	2.06	-1.32	45.02	-0.41
Marianna	7.95	+3.06	9.13	+5.49	4.30	-0.37	6.51	+1.96	2.03	-2.19	4.43	+0.96	2.20	-1.27	1.61	-1.65	2.74	-0.77	0.18	-3.07	2.59	-0.91	3.67	-1.12	47.70	+0.12
Marked Tree	8.13	+2.44	11.66	+7.24	4.36	-0.53	7.61	+2.63	7.22	+2.52	4.73	+1.51	3.09	-0.41	2.66	-0.97	2.10	-0.86	0.69	-3.26	2.11	-2.01	2.97	-1.67	56.74	+6.61

Monthly and Annual Precipitation for the Year 1939, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Mena	3.08	-0.86	7.58	+4.26	3.15	-1.08	8.93	+3.22	4.75	-1.49	2.70	-2.30	2.32	-1.48	4.97	+0.63	2.42	-1.50	2.72	-1.36	3.04	-0.58	2.39	-1 58	48.05	- 4.12
Monticello Airway	10.71	......	9.12	......	6.92	......	5.14	......	2.85	......	10.59	....	2.73	......	1.63	......	1.67	......	0.18	......	3.73	......	3.29	......	58.57	......
Monticello	11.04	......	9.13	......	6.08	......	4.72	......	1.87	......	7 67	....	2.57	......	1.35	......	1 35	......	0.20	......	3.65	......	3.29	......	52.92	......
Montongo	10.72	......	9.37	....	6.24	......	4.76	......	3.05	......	2 87	......	4.11	......	1.12	......	1.95	......	0 17	......	4.46	......	2.44	......	51.26	......
Morrilton	5.60	+1.74	8.18	+5.44	2.08	-1.60	10.09	+5.87	6.67	+1.76	4 60	+0.80	1.95	-0.75	3.17	-0.43	2.50	-0.49	1.59	-1 79	1.31	-1.97	2.67	-1.21	50.41	+ 7.37
Mountainburg	2.08	......	5.85	......	3.10	......	4.90	......	3.44	......	2.60	......	5.25	......	2.59	......	3.51	......	4.03	......	3.87	......	1.65	......	42.87	......
Mountain Home	5.12	+1.79	5.49	+2.65	4.01	+0.50	7.15	+2.46	6.90	+1.89	7.41	+2.97	3.40	-0.44	1.52	-2.76	1.00	-3.30	1.56	-2.28	3.91	+1.08	1.57	-1.79	48.95	+ 2.77
Mountain Valley	5.22	......	9.74	......	2.95	......	13.26	......	5.22	......	3.75	......	3.78	......	4.00	......	2.43	......	1.44		2.78	......	1.44	......	56.01	......
Mount Ida	4.27	-0.07	8.15	+4.61	2.51	-1.65	12 91	+7.02	4.39	-1.54	2.80	-1 49	3.11	-0 62	6.84	+3 34	1.60	-2.52	2.20	-1.48	2.82	-1.61	1.72	-2.38	53.32	+ 1.61
Mulberry	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	4.69	......	2 57	......	2.97	......	....	......
Nashville	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	1.26	......	5 68	......	1.11	......	....	......
Newport	7.64	+2.40	10.67	+7.43	2.12	-2.30	7.27	+2.29	5.79	+1.43	2.89	-1.03	2.71	-0.38	2.59	-1.33	1.64	-2.09	1 12	-2.41	3.48	-0.16	2 81	-1.40	50.73	+ 2.45
Oden	3.85	......	7.68	......	2.32	......	12.41	....	3.57	......	3.44	......	2.34	......	5.19	......	2.47	......	1.76	......	3 03	......	1.85	......	49.91	......
Okay	5.39	......	9.51	......	5.51	......	4.62	......	8.04	......	1.57	......	4.41	......	2.11	......	0.30	...	1.25	......	5.90	......	1.47	......	45.08	......
Osceola	....	......	....	......	....	......	5.86	......	4.80	......	3.95	......	6.52	......	2.09	......	1.78	....	0.69	......	1.82	......	2.83	......	.	......
Ozark	2.60	-0.30	5.75	+8.38	1.92	-1.24	6.52	+2.44	3.81	-0.98	2 27	-1.76	2.73	-0.29	3.31	-0.42	1.34	-1.47	3.26	+0.07	2.35	-0.44	2.41	-0 60	38.27	- 1.61
Paragould	6.31	+1.03	9.91	+6.18	3.03	-2.75	6.53	+1.81	5 33	+0.53	3.46	-0.60	7.01	+3.93	1.82	-2.15	1.35	-1.42	1.49	-1.46	2.64	-0.81	2 61	-1.92	51.49	+ 2.37
Parkin	7.36	......	9.75	......	4.80	......	6.58	..	2.48	......	6.22	....	1.79	......	3.32	......	2.52	......	1.36	......	1.71	.....	3.27	......	51.16	......
Pine Bluff	8.90	+3.71	16 69	+12.78	3.76	-1.41	9.25	+3.74	5.37	+0.70	8 00	+4.08	1.98	-1.58	0.53	-2 90	2.85	-0.76	1.03	-2.27	4.58	+0 58	3.74	-1 82	66 68	+14.85
Pine Ridge	4.62	+0.02	7.64	+4.10	2.63	-2.12	13.42	+7.96	5.12	-0.15	5.01	+0.52	2.67	-0.96	...	......	....	......	1.35	-2 83	3.08	-1.17	1.64	-2 81		......
Plantersville	9.32	......	9.25	......	4.45	......	5.23	......	2.43	......	2.79	......	2.73	......	0.36	......	1 86	......	0.00	......	4.75	......	2.45	......	45 62	......
Pocahontas	5.69	+1.14	7.24	+3 90	2.55	-1.81	7.92	+3.07	5.39	+0.51	1.49	-2.87	6.27	+2.16	2.84	-2.01	1.08	-2 60	1.90	- 1.54	2.78	-0.73	2.13	- 1.90	47.28	- 2.68
Portland	12.01	+7.32	7.59	+3.42	6.26	+1.09	3.51	-1.22	3.74	-1 61	1.77	-1.70	2.47	-1.63	0.91	-2.30	2.00	-0.49	1.11	-1.74	2.65	-1.28	5.07	-1.10	49.09	- 1 24
Prescott	7.21	+2.47	10.99	+7.29	4.58	+0.08	7.08	+2.16	2.67	-2.38	2.85	-1.40	3.70	-0.29	2.63	-0.68	0.76	-2.59	0.56	-2 54	3.94	+0.31	1.50	-3.05	48.47	- 0.62
Rock Springs	9.14	......	9.76	......	4.93	......	5.53	..	3.05	...	3 12	......	3.05	......	0.48	......	1.46	....	0.17	......	5.09	......	2.42	......	48.20	......
Rogers (near)	3.41	+0.75	4.21	+2.34	1.63	-1.77	4.27	-0.17	7.65	+2.59	5.98	+0.86	1.21	- 3.23	1.01	-2.89	0.30	-3.49	5.87	+2 64	2.70	-0.22	1 28	-1.06	39.52	- 3.65
Rosebud ‡‡	6.50	......	8 21	......	3.51	......	9.07	......	5.43	......	4.00	......	3.05	......	2.84	......	4.87	......	1.44	......	3.24	......	2.26	......	54.42	......
Ross	11.60	......	9.49	......	4.97	......	4.43	......	2.82	......	3.48	......	4.08	......	0.66	......	1 88	......	0 08	......	4.10	......	2.35	......	49.94	......
Russellville	4 12	+0.67	6.67	+3.39	2.05	-2.83	11.23	+7.23	6.90	+1.31	2.30	-1.78	4 73	+0.46	3.19	-0.24	1 16	-2.89	1.98	-0.78	3 33	-0.62	2.00	-1.01	49.66	+ 2.91
St. Charles	8 21	....	12.25	.....	5.00	.....	6.92	......	2.74	......	8.41	.....	3.79	......	0.63	......	1.93	......	0.48	......	3.69	......	4 33	......	58.43	......
St. Francis	7.02	+0.88	11.75	+8.32	3.65	-1.75	7.64	+3.58	4.65	+0.70	2.37	-1 61	4 33	+0.01	3.07	-1.17	2.19	-2.77	2.84	-1.18	2.09	-1.69	2.80	-1.57	54.49	+ 1.75
Searcy	8.47	+3.68	9.50	+6.17	3.54	-0.52	6.91	+2.58	6 36	+1.92	4.77	+0.77	5.31	+2.40	4.01	-0.04	2.00	-1 43	1.50	-1 64	3.08	-0.80	3 61	-0.63	59.06	+12 46
Springbank	5.71	+1.70	8.53	+5.13	2.58	-1.81	5.54	+0.29	1.36	-3.17	1.73	-1.93	1.31	-2.89	1.76	-1.34	2.52	-0.45	0.75	-1.92	6.66	+2.85	3.86	-1.06	42.31	- 4.60
Story	4.30	+0.28	5 12	+1.66	2.13	-2.15	11.96	+5.80	3.94	-1.13	2.56	-1.07	2.55	-1.05	3 48	+0 64	1.70	-1.24	1.58	-2.27	2.02	-1.94	1.72	-3.37	43.06	- 1.96
Stuttgart	10.65	+5.61	13.96	+9.98	3.62	-1.37	6.64	+1.57	2.24	-2.61	8.46	+4.71	4.99	+1.55	1.61	-1.78	3.06	-0.44	0.66	-2.79	3.06	-0 76	4.16	-0.96	63.11	+12 71
Stuttgart (Evap.)	8.67	......	13 14	......	3.93	......	6.11	......	3.05	......	8.79	.	5.96	..	0 98	......	3.14	......	1.39	......	3 35	......	3.72	......	62.23	......
Subiaco	2.89	-0.72	6.83	+3.98	3.03	-0.70	8.25	+3.67	4.19	-1.08	4 37	+0.34	1 44	-1.93	2.15	-1.64	0.89	-2.54	2.30	-1.16	3.01	-0 08	1 54	-1.73	40.89	- 3.59
Texarkana	6.18	+2.10	8.49	+5.11	3.85	-0.41	3.97	-0.99	1.16	-3.44	3.27	-0.59	0.99	-3.17	1.03	-2.59	0.99	-1.75	1.43	-2 00	6 81	+3.39	3 08	-1.27	41.25	- 5.61
Thornburg	5.15	+0.75	8.47	+5.05	2.37	-1.49	10.39	+5.13	6.27	+0.53	5.85	+0.95	3.83	-0.42	3.40	-0.65	0.88	-2.62	1.31	-2 19	1.41	-2.19	1.35	-2.63	50.68	+ 0.22
Turnpike	5 19	+0.63	6.08	+3.06	5 50	+1.01	7.56	+2.30	9.06	+3.34	7.83	+2.93	3.23	-0 50	3.17	-0.86	1.78	-3.37	3.32	-1.99	4.14	+0.33	2.17	-2.08	59.03	+ 4.80
Underwood	....	......	....	......	4 55	......	4.90	..	2.60	......	3.55	......	....	......	....	......	..	......	0.56	......	4.05	....	2.38	......	......	......
Waldron	1 78	- 2.05	7.04	+3.49	3.33	-0.94	9.64	+3.88	4.17	-1.83	6.28	+1.66	0.58	-3.10	3.14	- 0.57	1.02	-2.15	4 93	+1.44	2.08	-1.25	1.51	-2.12	45.50	- 3.54
Warren	9.49	+4.67	9.93	+5.68	5.38	+0.19	7.08	+1 91	4.15	-0.55	5.58	+1.86	3.66	-0.11	2 85	-0.68	1.45	-2.59	0.66	-2.87	3.57	-0.46	3.10	-2.83	56.90	+ 4.22
Whitecliffs	4.73	+0 83	9.88	+6.73	7.02	+2.83	4.48	-0.56	2.00	-2.38	2.67	-0.89	2.13	-0.92	4.17	+1.50	0.30	-2.29	0.15	-2.92	3.93	+0.90	2.04	-1.98	43.50	- 0.85
White Rock	2.88	......	7.09	......	2.73	......	5.53	......	5 93	......	8.57	......	2.91	....	3.02	......	1 09	......	4.62	......	4.50	......	1.79	......	50.66	......
Wilson	4.17	-1.50	6.07	+2.92	3.23	-2.18	5.82	+0.53	6.25	+1.25	3.38	+0.07	1.80	-2.22	2 15	-1.77	1.80	-0.36	0 60	-2.71	....	......	..	......	..	......
Witt Springs	3.31	......	5 83	......	5.07	..	6.74	......	8.99	......	7.30	......	2.32	...	....	......	....	......	....	......	..	......	....	......	......	......
Wynne	7.80	+2.64	10.57	+6.39	4.85	0.00	6.46	+1.24	4.86	+0.14	3.50	-0.40	2.53	-1.19	4.41	+0 70	2.60	-0.91	1.99	-1.70	2.01	-1.90	2.79	-2.06	54.37	+ 3.45

Precipitation for Year 1939



Monthly and Annual Mean Temperatures for the Year 1939, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	45.0	....	43.0	....	54.6	....	58.6	....	68.2	....	76.2	....	81.2	....	78.2	....	79.8	....	....	....	....	....	47.4	....	....	....
Amity	44.4	+ 1.0	42.4	− 2.4	....	....	60.8	− 1.0	70.6[a]	+ 1.4	79.4	+ 2.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Arkadelphia	47.9	....	45.6	....	56.4	....	61.4	....	70.1	....	79.3	....	83.0	....	82.2	....	80.5	....	64.4	....	49.6	....	47.8	....	64.0	....
Batesville (Airway)	45.3	+ 6.9	42.1	+ 1.3	54.4	+ 4.2	59.0	+ 0.2	69.2	+ 2.2	78.1	+ 2.7	81.7	+ 1.9	79.8	+ 0.8	81.0	+ 8.4	65.2	+ 4.6	47.7	− 1.5	45.4	+ 5.4	62.4	+ 3.1
Bee Branch	41.0	+ 3.0	41.2	− 1.6	54.0	+ 2.2	58.5	− 2.7	68.8	+ 0.3	77.6	+ 0.7	82.2	+ 1.6	79.2	− 0.5	79.6	+ 5.4	64.8[a]	+ 2.3	49.7	− 1.1	47.4	+ 5.4	62.2	+ 1.2
Benton	42.6	....	41.6	....	52.9	....	56.8	....	66.6	....	70.8	....	80.8	....	79.2	....	77.9	....	62.4	....	46.9	....	43.7	....	60.2	....
Bentonville	42.5	+ 6.3	37.0	− 2.6	51.8	+ 3.4	55.8	− 1.8	67.3	+ 2.3	74.8	+ 1.4	80.6	+ 3.4	77.7	+ 0.9	78.2	+ 7.4	63.7	+ 4.8	45.6	− 2.6	43.8	+ 5.8	59.9	+ 2.4
Blytheville	43.8	+ 1.8	42.0	− 3.2	52.6	+ 1.0	57.9	− 3.7	69.7	− 0.5	78.5	+ 0.7	81.2	− 0.8	79.3	− 0.3	79.2	+ 4.8	64.3[b]	+ 1.4	47.6	− 3.8	43.4	+ 0.8	61.7	− 0.1
Booneville	46.0	+ 4.2	43.6	− 2.6	56.2	+ 3.0	60.3	− 1.9	70.2	+ 0.4	78.8	+ 2.6	85.6	+ 3.6	83.2	+ 1.1	82.4	+ 6.8	67.2	+ 3.2	49.3	− 3.8	47.2	+ 3.4	64.2	+ 1.7
Brinkley	46.2	+ 3.8	45.6	+ 1.4	56.6	+ 3.2	60.2	− 1.8	70.0	0.0	73.4	+ 0.6	80.2	− 0.9	80.4	0.0	....	....	66.0	+ 3.4	47.7	− 4.2	44.8	+ 1.0	....	....
Camden	48.8	+ 4.8	49.8	+ 2.6	58.8	+ 3.8	62.7	− 0.7	72.4	+ 1.6	80.9	+ 2.5	83.5	+ 2.3	82.7	+ 2.1	81.1[a]	+ 5.6	66.4	+ 2.5	51.5	− 0.7	49.0	+ 4.0	65.6	+ 2.5
Conway	46.2	+ 4.0	44.9	+ 0.5	57.0	+ 3.2	61.0	− 1.1	70.8	+ 0.8	79.3	+ 1.0	83.4	+ 1.4	81.4	− 0.2	82.2	+ 6.9	67.4	+ 3.9	49.9	− 2.0	46.6	+ 3.8	64.2	+ 1.9
Corning	43.6	+ 5.4	40.4	+ 0.4	53.2	+ 2.5	58.2	− 1.8	68.8	+ 0.8	77.6	+ 1.6	81.4	+ 1.6	79.2	+ 0.7	79.0	+ 6.4	63.5	+ 3.5	46.2	− 2.4	43.5	+ 3.6	61.2	+ 1.8
Crossett	47.5	+ 1.3	49.4	0.0	57.6	+ 2.2	60.4	− 4.4	69.7	− 2.1	78.4	− 1.0	81.3	− 1.1	81.4	− 0.6	80.4	+ 4.9	65.6	− 0.2	51.7	− 2.3	48.6	+ 2.0	64.3	− 0.1
Dardanelle	46.1	+ 4.7	41.6[a]	− 0.2	57.0	+ 4.2	51.1	− 1.2	70.5	+ 0.7	79.6	+ 1.4	84.0	+ 2.0	81.2	+ 0.4	80.8	+ 5.6	65.9	+ 2.5	49.2	− 2.7	46.0	+ 3.6	63.8	+ 1.7
De Queen	46.1	....	46.2	....	56.4	....	61.1	....	71.2	....	79.0	....	83.0	....	82.6	....	81.6	....	67.0	....	51.4	....	47.9	....	64.5	....
Devils Knob	40.6	....	36.9	....	51.4	....	54.1	....	65.5	....	72.8	....	78.4	....	76.4	....	78.2	....	63.4	....	46.3	....	43.6	....	59.0	....
Dumas	48.6	+ 3.7	49.4	+ 0.4	58.2	+ 2.9	62.3	− 1.3	70.8	− 0.4	80.6	+ 1.2	83.7	+ 1.4	82.1	+ 0.6	80.6	+ 4.5	66.8	+ 1.6	51.4	− 2.3	48.6	+ 2.0	65.3	+ 1.2
El Dorado	50.0	+ 3.6	50.0	+ 1.0	60.2	+ 4.0	63.0	− 1.8	71.7	+ 0.3	81.8	+ 2.2	85.6	+ 3.2	83.6	+ 1.4	82.5	+ 5.3	69.2	+ 3.2	54.2	− 1.0	51.7	+ 4.9	67.0	+ 2.2
England	47.1	+ 3.7	46.3	− 0.5	56.9	+ 2.5	59.8	− 3.0	68.4[i]	− 1.4	77.6[b]	− 0.4	82.6	+ 1.0	81.4[d]	+ 0.6	79.6	+ 4.2	65.9	+ 1.9	49.8	− 3.4	45.3[a]	+ 1.3	63.4	+ 0.6
Eureka Springs	44.4	+ 5.8	38.8	− 2.4	53.5	+ 3.4	56.8	− 2.2	67.6	+ 1.2	74.7	+ 0.3	80.7	+ 2.1	77.8	− 0.6	80.4	+ 8.4	65.2	+ 4.4	46.7	− 4.2	45.1	+ 5.3	61.0	+ 1.8
Fayetteville	44.0	....	40.4	....	54.2	....	57.2	....	66.2	....	74.4	....	80.2	....	78.0	....	78.8	....	63.5	....	46.2	....	44.8	....	60.7	....
Fayetteville Exp.	43.6	+ 5.2	40.4	0.0	53.4	+ 3.9	5 68	− 1.6	67.2	+ 1.0	75.4	+ 1.0	81.8	+ 3.4	79.5	+ 1.3	79.9	+ 7.8	64.4	+ 3.6	46.4	− 3.1	44.4	+ 4.4	61.1	+ 2.2
Fordyce	50.2	....	48.1	....	57.6	....	61.8	....	72.4[c]	....	80.1[d]	....	85.4[a]	....	83.3[d]	....	81.6[h]	....	68.0	....	52.2[f]	....	50.0[h]	....	65.9	....
Fort Smith	45.6	+ 6.1	41.4	− 1.4	56.4	+ 3.8	59.7	− 2.1	71.1	+ 1.5	79.1	+ 1.6	85.5	+ 4.0	83.6	+ 3.1	83.4	+ 9.4	66.8	+ 4.0	49.2	− 1.8	46.5	+ 4.4	64.0	+ 2.6
Gilbert	41.2	....	37.6	....	52.2	....	57.4	....	66.0	....	75.0	....	79.4	....	77.0	....	76.6	....	61.6	....	44.7	....	41.6	....	59.2	....
Grannis	44.4	+ 2.4	43.9	− 1.7	55.0	+ 3.6	60.5[d]	+ 0.1	69.9	+ 2.9	77.0	+ 1.6	81.7	+ 2.3	80.5	+ 1.1	80.2	+ 6.6	66.0	+ 3.2	51.0	0.0	49.0	+ 4.4	63.3	+ 2.3
Gravette	41.2	+ 4.1	35.2	− 2.9	51.1	+ 5.1	58.5	+ 1.3	64.1	− 1.3	73.8	+ 0.1	81.4	+ 3.6	78.6	+ 1.0	78.6	+ 7.8	63.2	+ 3.5	44.2	− 4.8	41.8	+ 3.6	59.4	+ 1.8
Green Mountain	41.8	....	39.8	....	54.0	....	57.6	....	67.6[b]	....	75.2	....	80.0	....	78.4[a]	....	80.5	....	65.8	....	46.8[c]	....	47.4[a]	....	61.5	....
Harrison	43.2	+ 6.3	39.0	0.0	52.4	+ 3.8	56.8	− 0.7	67.6	+ 2.0	76.2	+ 2.8	81.1	+ 3.7	78.2	+ 1.2	78.0	+ 7.8	62.6	+ 3.2	44.6	− 4.1	43.5	+ 5.5	60.3	+ 2.6
Helena	47.2	+ 4.0	47.0	+ 1.9	56.6	+ 3.0	59.4	− 3.3	69.5	− 1.3	78.0	− 0.4	80.6	− 1.0	78.9	− 1.7	79.1	+ 3.7	65.0	+ 1.4	49.8	− 3.2	46.2	+ 1.6	63.1	+ 0.4
Highland	47.2	....	46.0	....	57.5	....	60.2	....	71.2	....	78.2	....	83.3	....	82.4	....	82.0	....	67.5	....	51.8	....	49.4	....	64.7	....
Hope	44.6	+ 1.1	43.9	− 4.5	54.9	− 1.7	59.9	− 4.1	69.6	− 1.4	79.0	0.0	81.4	− 0.4	81.8	− 0.5	81.2	+ 4.6	66.2	+ 0.3	49.7	− 4.5	47.8	+ 0.8	63.5	− 0.9
Hot Springs	46.0	+ 2.4	45.6	− 1.4	56.8	+ 3.1	60.2	− 2.6	69.4	− 0.4	78.0	− 0.2	82.2	+ 0.4	80.7	− 0.4	79.8	+ 4.1	66.0	+ 1.6	50.4	− 2.4	47.6	+ 3.5	63.6	+ 0.8
Irons Fork	41.6[g]	....	40.0[e]	....	52.2[d]	....	55.4[g]	....	66.6[j]	....	75.0[e]	....	79.7	....	77.1	....	76.8	....	62.1	....	45.2	....	43.8	....	69.6	....
Jonesboro	44.8	+ 4.2	41.8	− 0.6	54.2	+ 2.0	58.8	− 2.6	69.4	− 0.1	78.2	+ 0.5	80.9	+ 0.3	78.6	− 1.5	78.8	+ 4.3	64.8	+ 2.2	47.7	− 3.5	44.6	+ 3.2	61.9	+ 0.7
Lead Hill	40.9	+ 2.5	37.4	− 1.0	49.6	+ 0.8	53.6	− 5.8	62.7	− 4.7	73.3	− 2.1	79.0	− 1.2	76.0	− 2.8	76.6	+ 4.4	61.6	+ 0.8	42.5	− 5.9	40.4	+ 0.6	7.8	− 1.2
LITTLE ROCK	46.2	+ 4.8	44.0	− 0.9	56.6	+ 3.4	59.6	− 2.5	69.8	− 0.5	78.8	+ 1.4	82.4	+ 1.5	80.8	+ 1.0	80.8	+ 6.8	66.0	+ 2.4	50.0	− 2.1	47.0	+ 2.8	63.5	+ 1.5
Little Rock (Airway)	46.4	....	45.2	....	57.0		60.3	....	70.4	....	80.0	....	83.0	....	81.4	....	80.0	....	65.6	....	49.6	....	46.4	....	63.8	....
Lutherville	44.4	+ 4.1	42.3	− 0.1	55.0	+ 3.4	58.4	− 1.9	68.3	+ 0.3	77.0	+ 0.9	82.2	+ 2.1	79.2	− 0.5	80.5	+ 6.5	65.2	+ 2.9	48.6	− 2.4	45.5	+ 4.1	62.2	+ 1.6
Magnolia	50.6	+ 3.0	49.0	− 2.4	60.2[a]	+ 3.4	64.2	− 0.4	73.4[b]	+ 2.0	81.6	+ 2.2	84.0	+ 1.4	83.4	+ 0.9	82.4	+ 5.8	68.4	+ 1.5	52.7[d]	− 2.3	51.6	+ 3.6	66.8	+ 1.6
Mammoth Spring	42.3	+ 4.5	39.0	− 1.3	52.2	+ 2.4	57.2	− 2.0	68.2	+ 2.2	76.6	+ 2.2	81.0	+ 2.4	77.8	+ 0.3	77.6	+ 6.2	62.7	+ 3.5	45.8[a]	− 2.9	42.0	+ 2.6	60.2	+ 1.7
Marianna	46.0	+ 3.5	46.4	+ 0.6	57.0[c]	+ 3.0	59.6[c]	− 2.7	71.1[d]	+ 0.9	79.9[d]	+ 1.3	82.8[e]	+ 1.6	80.6[d]	+ 0.6	78.8	+ 4.7	65.0	+ 1.5	50.2[b]	− 2.1	46.6[c]	+ 2.9	63.7	+ 1.3
Marked Tree	43.2	+ 3.7	41.4	− 2.2	52.6	+ 2.2	58.9	− 2.3	69.7	+ 0.7	78.0	0.0	80.7	− 0.4	78.8	− 0.4	77.8	+ 4.2	63.6	+ 2.4	47.0	− 2.2	43.0	+ 1.8	61.2	+ 0.6
Mena	45.8	+ 4.2	43.7	− 0.5	56.0	+ 3.7	60.0	− 1.5	70.4	+ 1.8	78.0	+ 1.4	83.4	+ 3.2	82.2	+ 2.3	80.9	+ 6.9	66.0	+ 3.0	49.6	− 2.6	48.0	+ 5.4	63.7	+ 3.3
Monticello(Airway)	49.0	....	48.2	....	57.6	....	61.6	....	72.2	....	80.6	....	82.6	....	82.1	....	81.6	....	67.9	....	52.6	....	49.0	....	65.4	....
Morrilton	48.2	+ 6.9	..	....	55.6	+ 4.8	58.4	− 3.8	69.4	+ 0.4	79.0	+ 0.4	82.6	− 0.3	79.8	− 1.9	79.4	+ 4.4	64.1	+ 1.2	47.3	− 3.6	44.0	+ 0.3		....
Mountain Home	44.4	+ 6.3	40.4	− 1.9	53.8	+ 3.8	57.6	− 1.3	69.1	+ 3.0	76.2	+ 1.2	80.8	+ 1.6	78.6	+ 0.6	79.8	+ 8.1	64.6	+ 4.1	46.1	− 2.5	43.7	+ 3.3	61.3	+ 2.2
Mount Ida	44.2	+ 2.8	43.6	− 2.0	54.6	+ 2.4	58.6	− 2.6	67.8	− 0.2	77.6	+ 1.6	82.1	+ 2.1	80.2	+ 0.8	78.5	+ 5.3	63.8	+ 2.0	48.0	− 2.6	46.2	+ 3.4	62.1	+ 1.1
Newport	44.8	+ 5.0	43.4	+ 1.4	55.4	+ 3.1	59.4	− 2.6	69.6	− 0.2	78.6	+ 0.7	82.3	+ 1.0	79.9	− 1.0	79.4	+ 5.2	65.0	+ 3.0	48.0	− 3.0	45.5	+ 3.3	62.6	+ 1.4
Oden	45.3	....	43.0	....	56.0	....	59.6	....	69.2	....	77.2	....	82.4	....	79.4	....	78.2	....	64.7	....	50.6	....	45.6	....	62.9	....
Okay	47.8[b]	....	48.4	....	57.8	....	63.2	....	71.7	....	81.1	....	84.2	....	83.4	....	81.6	....	67.5	....	51.6	....	49.4	....	65.6	....
Ozark	44.2	+ 3.4	42.0	− 1.4	56.4	+ 4.0	59.4	− 2.6	69.6	0.0	77.6	− 0.3	....	....	81.2	− 0.5	81.3	+ 5.6	64.5	+ 1.0	48.4	− 3.0	44.9	+ 3.7	....	....
Paragould	43.8	....	40.9	....	52.7	....	57.8	....	69.2	....	78.0	....	79.2	....	77.4	....	76.0	....	62.6	....	46.3	....	43.2	....	60.6	....
Pine Bluff	48.4	+ 4.5	46.4	− 0.1	58.4	+ 3.6	61.2	− 2.4	71.0	− 0.4	79.6	+ 0.4	82.6	+ 0.2	82.6	+ 0.8	82.4	+ 7.2	68.2	+ 3.6	51.6	− 1.7	49.0	+ 3.9	65.1	+ 1.6
Pocahontas	44.2	+ 5.3	41.0	− 0.6	53.2	+ 2.2	58.4	− 1.8	69.0	+ 0.7	77.2	+ 0.6	81.0	+ 0.6	78.7	− 0.7	78.2	+ 4.8	64.2	+ 2.5	46.7	− 3.4	42.8	+ 2.6	61.2	+ 1.0
Portland	48.8	+ 1.8	50.2	+ 0.5	58.4	+ 1.7	61.2	− 3.4	70.8	− 0.8	79.4	0.0	81.4	− 0.4	79.6	− 1.8	78.2	+ 1.9	64.4	− 0.5	51.2	− 3.1	49.0	+ 1.4	64.4	− 0.2
Prescott	48.5	+ 3.9	48.2	+ 0.8	59.2	+ 3.6	63.3	− 0.2	72.9	+ 2.5	81.2	+ 2.4	84.8	+ 2.7	83.6	+ 2.0	82.4	+ 6.2	68.8	+ 3.9	52.3	− 1.9	49.3	+ 3.5	66.2	+ 2.4
Rogers	42.8	+ 5.4	39.4	− 0.1	53.2	+ 4.2	57.2	− 1.3	66.8	+ 1.0	74.6	+ 1.0	80.1	+ 2.5	78.3	+ 0.9	78.6	+ 7.4	63.4	+ 3.6	45.4	− 3.6	43.6	+ 4.6	60.3	+ 2.1
Russellville	46.9	+ 7.3	44.4	+ 4.5	56.3	+ 4.0	60.8	− 0.2	70.0	+ 0.4	79.4	+ 1.8	83.8	+ 2.6	80.7	+ 0.8	81.2	+ 7.8	67.8	+ 7.2	50.4	+ 0.6	46.4	+ 5.9	64.0	+ 3.6
St. Charles	45.8	....	45.2	....	56.8	....	60.2	....	71.0	....	78.9	....	82.2	....	81.6	....	79.4	....	65.2	....	49.0[a]	....	46.0	....	63.4	....
Searcy	45.4	+ 4.6	43.2	− 1.9	55.1	+ 2.9	59.0	− 2.7	70.0	+ 1.5	79.3	+ 2.0	82.3	+ 1.3	80.6	+ 0.5	80.3	+ 6.0	65.7	+ 3.1	49.5	− 1.5	45.7	+ 2.9	63.0	+ 1.6
Stuttgart	46.4	+ 3.4	45.8	+ 0.6	57.0	+ 3.2	59.0	− 3.4	70.2	+ 0.3	78.8	+ 0.3	81.8	+ 0.6	81.5	+ 0.8	80.1	+ 5.0	66.1	+ 2.7	50.7	− 1.7	47.3	+ 3.3	63.7	+ 1.3
Stuttgart (Evap)	45.9	....	45.4[a]	....	55.6	....	59.2	....	69.8	....	70.2	....	82.0	....	80.9	....	79.3	....	65.2	....	49.5	....	45.7	....	62.8	....
Subiaco	46.1	+ 4.4	43.4	− 0.4	56.4	+ 3.4	59.8	− 2.0	69.4	− 0.5	77.6	− 0.2	85.1	+ 3.1	81.2	− 0.4	81.8	+ 7.5	56.3	+ 3.0	49.0[c]	− 3.8	47.2	+ 4.5	63.6	+ 1.5
Texarkana	50.3	+ 4.0	49.3	+ 0.9	59.2	+ 3.0	64.0	− 0.2	74.4	+ 3.0	82.9	+ 3.8	86.5	+ 4.0	85.6	+ 3.3	84.2	+ 2.4	69.7	+ 3.9	53.6	− 1.6	51.9	+ 5.0	67.6	+ 2.6
Thornburg	44.4	+ 3.7	42.9	− 1.5	54.4	+ 2.7	58.0	− 2.2	66.9	− 0.5	76.6	+ 1.2	81.2	+ 1.4	78.2	− 1.0	79.0	+ 6.4	63.9	+ 2.2	47.2	− 3.6	45.0	+ 3.9	61.5	+ 1.1
Turnpike	41.8	....	38.8	....	52.0	....	54.5	....	65.0	....	72.6	....	78.2	....	75.4	....	77.6	....	63.0	....	46.0	....	43.1	....	59.0	....
Waldron	47.6[f]	....	43.2[e]	....	56.1[f]	....	60.5[f]	....	70.8[d]	....	79.5[c]	....	..	....	....	....	..		68.6[l]	....	50.1[h]	....	48.6[h]	....	....	....
Warren	49.0	+ 3.6	50.0	+ 2.8	58.8	+ 2.8	62.0	− 1.6	71.4	0.0	80.2	+ 0.9	82.8	+ 0.4	81.6	0.0	80.8	+ 4.7	66.6	+ 2.2	51.6	− 2.2	50.2	+ 5.0	65.4	+ 1.5
White Rock	42.1	....	38.8	....	52.4	....	55.4	....	66.1	....	73.0	....	79.2	....	77.7	....	78.9	....	64.0	....	46.4	....	44.0	....	59.8	....
Wilson	45.0	+ 3.3	44.0	− 1.2	54.7	+ 2.6	59.2	− 1.8	69.8	+ 0.4	78.8	+ 1.9	81.4	+ 0.6	79.1	+ 0.5	77.0	+ 3.2	65.1	+ 2.3	....	....	....	....	....	....
Wynne	46.5	+ 5.5	45.4	+ 1.1	55.8	+ 4.2	59.6	− 1.8	69.8	+ 0.5	78.1	+ 0.3	80.8	− 0.3	79.2	− 0.8	79.4	+ 4.9	65.8	+ 3.3	47.4	− 3.4	46.3	+ 4.3	62.8	+ 1.4

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

Monthly and Annual Evaporation, Mean temperature and Wind (miles per hour) for year 1939

Year	Data	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Hope	Evaporation	3.528	3.637	4.794	6.878	7.187	8.248	9.675	8.807	7.649	5.409	2.667	2.213	70.692
	Mean temperature	44.6	43.9	54.9	59.9	69.6	79.0	81.4	81.8	81.2	66.2	49.7	47.8	63.3
	Wind movement	2.2	2.5	2.0	2.1	0.9	1.6	1.6	1.2	1.3	1.7	1.7	2.0	1.7
Irons Fork	Evaporation	1.374	1.433	3.273	4.500	4.706	4.424	6.207	5.653	5.701	3.104	1.201	1.467	43.048
	Mean temperature	41.6[g]	39.8[e]	52.2[d]	55.4[g]	66.6[j]	75.0[e]	79.7	77.1	76.8	62.1	45.2	43.8	59.6
	Wind movement	0.4	0.7	0.8	1.2	0.4	0.6	0.6	0.3	0.4	0.5	0.3	0.6	0.6
Russellville	Evaporation	2.361	2.176	3.998	5.367	5.646	7.008	9.086	7.408	7.980	5.094	2.127	2.048	60.299
	Mean temperature	46.9	44.4	56.3	60.8	70.0	79.4	83.8	80.7	81.2	67.8	50.4	46.4	64.0
	Wind movement	2.0	1.9	1.9	1.9	1.2	1.1	1.0	0.8	0.9	1.3	1.1	1.3	1.4
Stuttgart	Evaporation	1.610	1.601	3.523	4.608	4.954	5.846	7.291	6.364	5.923	3.830	1.924	1.351	48.825
	Mean temperature	45.9	45.4[a]	55.6	59.2	69.8	79.5	82.0	80.9	79.3	65.2	49.5	45.7	63.2
	Wind movement	3.6	4.0	3.7	4.0	2.8	2.8	2.0	1.7	1.9	2.2	1.9	2.4	2.8

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1939

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	11.0	4.9	7.9	21.4	8.5	13.5	14.4	4.8	8.4	28.2	5.3	12.0	14.8	4.3	6.7	7.3	4.0	5.1	5.2	3.6	4.1	7.0	3.5	4.6	6.0	3.5	4.9	5.0	3.6	4.3	5.7	3.8	4.4	5.0	4.1	4.4
ArkansasCity	15.1	2.3	9.9	36.6	11.7	27.9	39.0	37.1	38.0	38.5	32.1	34.8	39.0	16.9	28.2	20.8	15.5	16.7	21.3	9.8	16.0	10.8	7.9	9.5	8.1	1.4	3.6	1.2	-1.0	-0.1	2.3	-0.8	0.8	2.9	0.0	1.0
Batesville	21.4	5.4	7.7	23.2	11.0	15.1	24.1	8.5	13.9	33.3	8.3	15.4	28.6	9.1	15.6	15.3	7.6	10.3	22.9	5.9	8.8	6.5	5.2	5.5	5.2	4.3	4.5	5.2	4.4	4.6	6.5	4.5	5.1	7.1	4.5	5.1
Benton	12.6	6.0	8.4	24.0	8.1	11.2	10.9	5.4	6.7	27.4	6.2	9.7	14.4	4.8	6.2	6.5	4.6	5.5	7.2	3.2	4.5	4.7	3.3	3.8	3.9	2.7	3.0	3.5	3.0	3.2	4.1	2.9	3.6	4.8	3.8	4.3
Big Lake Out	5.7	3.6	4.5	15.9	6.9	14.2	16.6	11.8	14.8	14.7	10.6	12.4	13.3	7.6	9.9	8.1	5.5	6.5	5.6	4.4	4.9	4.4	3.2	3.8	3.0	2.5	2.7	2.7	2.6	2.7	3.1	2.7	2.9	3.3	2.9	3.1
Black Rock	16.9	1.8	3.6	18.4	14.3	16.1	24.0	8.2	17.1	24.8	6.2	16.7	19.1	8.3	11.2	8.8	4.0	5.4	9.3	2.4	3.7	3.4	2.1	2.5	2.3	1.2	1.6	2.5	1.4	1.7	2.4	1.5	1.8	1.9	1.4	1.6
Boughton	14.9	5.3	9.7	21.0	9.2	15.9	19.1	5.0	9.6	21.3	6.3	12.1	10.1	4.6	5.8	5.2	3.6	4.2	6.0	3.1	3.8	3.8	3.1	3.3	3.1	2.8	3.0	3.2	2.9	3.1	3.6	3.0	3.3	3.9	3.3	3.5
CalicoRock	14.1	0.6	2.6	16.1	5.0	8.1	17.8	2.5	7.0	30.5	2.4	8.5	24.7	3.1	8.9	7.3	2.3	4.2	16.4	0.9	3.0	1.4	0.4	0.6	0.6	0.0	0.4	0.6	0.0	0.3	1.4	0.0	0.4	2.4	0.0	0.4
Camden	21.9	6.7	15.2	34.2	20.6	30.8	34.6	8.5	20.2	37.6	19.9	29.4	20.6	5.3	10.3	14.2	4.5	7.0	6.0	3.8	4.4	6.2	3.8	4.5	5.4	3.9	4.5	5.1	3.9	4.3	5.6	3.9	4.5	5.1	4.1	4.5
Clarendon	18.4	8.9	14.3	29.0	19.9	27.5	29.8	27.0	29.1	30.7	24.6	27.0	30.5	25.3	27.0	27.8	15.6	23.1	22.0	11.5	17.4	11.3	8.7	9.6	8.8	6.4	7.3	6.9	6.3	6.6	8.4	6.4	7.1	8.1	7.0	7.5
Cotter	8.5	3.0	3.8	13.5	5.0	7.5	10.0	4.1	6.6	16.6	4.0	7.8	20.0	4.7	9.2	8.0	4.0	5.4	20.6	3.1	4.8	3.7	3.0	3.1	3.6	2.5	2.7	2.5	2.5	2.5	4.4	2.4	2.9	3.8	2.5	2.7
Danville	11.8	3.6	6.3	23.8	7.6	16.4	22.0	4.0	10.3	31.8	5.5	14.1	18.1	3.6	5.9	7.3	2.6	3.7	5.3	2.0	2.7	4.0	2.1	2.5	2.4	1.7	2.1	3.6	2.2	2.4	2.7	2.3	2.5	2.8	2.4	2.6
Dardanelle	5.5	1.7	3.2	11.2	4.6	6.8	11.2	3.2	6.2	18.4	4.0	9.5	14.8	3.6	8.3	10.1	4.3	6.3	12.3	2.6	5.8	4.5	1.9	3.0	3.5	0.4	1.2	1.0	0.2	0.4	1.4	0.4	0.8	1.9	0.6	1.1
Fort Smith	5.4	....	....	9.6	....	7.1	9.8	5.3	6.6	15.4	6.2	9.7	16.6	5.3	9.7	12.2	6.5	8.2	13.6	5.1	7.8	7.0	....	....	5.4	....	....	....	....	....	....	....	....	....	....	....
Van Buren	4.5	3.4	3.8	9.6	4.0	6.3	9.8	4.3	5.8	16.1	5.2	9.3	16.5	4.2	9.0	9.5	5.3	7.3	13.8	4.0	6.9	5.8	3.4	4.5	4.4	2.3	2.9	2.9	2.1	2.3	2.7	2.3	2.5	2.8	2.4	2.5
Fulton	8.4	4.2	6.4	20.9	7.4	12.2	20.9	5.9	11.6	24.0	12.3	18.4	14.4	6.1	9.0	12.4	4.9	7.3	9.9	3.9	6.5	6.5	3.3	4.4	4.4	2.3	3.1	3.1	2.2	2.4	3.4	2.0	2.7	3.7	2.6	3.1
Georgetown	15.5	2.2	6.8	24.0	19.0	22.2	24.8	18.7	22.9	27.0	13.8	21.2	23.8	18.9	21.2	23.0	7.7	14.6	17.2	4.1	9.7	3.9	2.2	2.8	2.2	0.2	0.9	0.8	0.1	0.4	2.1	0.3	0.9	2.1	0.7	1.1
Gilbert	12.0	2.9	4.2	12.7	4.8	6.2	12.4	3.9	5.7	27.8	3.7	6.4	17.0	4.0	6.2	6.6	3.5	4.6	5.3	3.1	3.8	3.4	2.9	3.2	2.9	2.4	2.6	2.8	2.3	2.5	3.0	2.7	2.8	3.2	2.9	2.9
Glenwood	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6.0	5.0	5.7	5.4	5.1	5.2	5.3	5.1	5.2	5.3	5.1	5.2	5.2	5.0	5.1
Heber Spgs	....	....	....	....	....	....	....	....	....	....	....	....	22.8	4.6	7.4	7.1	3.5	4.7	8.7	2.3	3.9	3.2	1.9	2.4	1.9	1.2	1.5	1.8	1.3	1.4	2.3	1.2	1.5	3.4	2.2	2.5
Helena	20.8	7.4	15.1	47.2	16.3	37.5	48.2	46.5	47.3	46.7	37.6	41.5	47.5	16.1	30.3	27.0	15.7	19.0	26.9	12.0	19.0	13.8	9.8	12.0	9.5	1.4	3.6	1.2	-0.7	0.0	3.2	0.3	1.3	4.4	0.3	1.8
Index	8.6	5.4	6.6	16.1	6.1	9.4	17.0	6.7	9.4	21.1	9.4	13.6	12.2	8.4	9.7	15.0	7.4	9.4	11.4	6.7	8.9	8.5	6.6	7.3	7.3	5.8	6.5	6.4	5.6	5.8	6.5	5.6	5.8	6.0	5.6	5.8
Little Rock	4.0	0.3	2.0	11.2	5.0	6.9	10.6	1.8	5.3	18.2	2.6	9.1	13.0	2.2	6.3	9.0	2.6	4.4	8.8	0.3	3.3	1.2	-0.3	0.3	0.8	-1.6	-0.8	-0.8	-1.9	-1.7	-1.1	-1.7	-1.5	-0.6	-1.6	-1.3
Madison	5.6	1.4	2.9	30.1	7.5	22.2	31.1	30.2	30.6	30.2	22.2	25.3	28.9	12.4	20.5	11.6	5.5	7.9	9.7	4.0	6.2	3.9	2.2	3.0	2.2	0.8	1.4	1.3	0.1	0.8	1.5	0.1	0.8	1.5	0.3	0.9
Marked Tree	2.1	0.1	0.6	7.8	2.2	5.4	8.1	4.8	6.5	5.9	3.0	4.5	4.4	2.4	3.3	6.4	2.2	4.3	6.8	5.0	5.9	5.4	3.4	4.3	4.0	0.4	2.3	3.2	0.0	1.7	3.5	0.1	1.7	3.8	0.2	1.6
Morrilton	2.6	-2.6	-0.7	9.7	1.8	4.4	8.5	-0.8	3.2	16.4	0.2	7.3	11.6	-0.2	5.2	8.1	0.8	3.0	8.8	-1.6	2.0	-0.1	-2.5	-1.5	-0.8	-3.8	-2.9	-3.6	-4.0	-3.9	-3.2	-3.9	-3.6	-2.7	-3.9	-3.4
Mulberry	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.9	1.1	1.6	1.1	0.7	0.9	0.7	0.4	0.5	1.1	0.5	0.6	1.4	0.9	1.1	1.8	1.1	1.4
Newport	16.6	0.9	3.7	24.4	18.2	20.8	26.0	10.5	20.6	30.3	7.1	19.7	25.6	13.4	19.3	23.0	4.8	9.8	19.6	2.1	6.6	2.2	1.0	1.5	0.9	0.0	0.3	0.3	0.0	0.1	1.9	0.0	0.5	1.7	0.0	0.5
Ozark	0.7	-0.5	0.0	6.2	0.4	2.5	5.8	0.5	2.4	11.9	1.1	5.4	12.0	-0.2	4.7	5.7	1.2	3.0	9.3	0.1	2.8	1.4	-0.5	0.3	0.5	-1.4	-0.8	0.9	-1.6	-1.3	-0.9	-1.2	-1.1	-0.9	-1.1	-1.0
Parkin	7.1	1.3	2.6	25.0	7.8	18.8	25.7	24.5	25.2	24.1	16.5	19.9	22.7	10.7	16.7	9.9	5.2	6.9	9.5	5.4	6.6	5.3	3.5	4.4	3.6	1.8	2.6	2.9	1.1	2.1	3.2	0.9	2.1	3.4	1.1	2.2
Pine Bluff	6.8	3.7	5.5	15.2	7.9	10.7	14.8	4.9	8.9	20.9	5.7	12.8	16.9	6.2	10.3	13.2	6.5	8.2	12.4	4.0	7.1	4.7	3.4	3.9	4.3	2.2	3.0	2.7	1.8	2.1	2.4	1.8	2.2	2.9	2.0	2.3
St. Charles	17.4	9.1	14.0	27.4	18.4	25.6	28.3	27.2	27.9	28.8	24.8	26.0	29.0	24.4	26.2	25.8	16.6	23.2	21.4	11.9	17.4	11.6	9.1	9.9	9.2	7.0	7.9	7.5	6.8	7.2	8.5	6.8	7.4	8.4	7.4	7.9
St. Francis	14.1	3.9	6.3	21.3	15.6	19.0	22.4	10.7	18.5	22.8	9.6	17.6	18.0	6.1	10.1	6.9	4.3	5.1	12.3	5.4	7.4	7.7	3.9	5.3	5.5	2.7	3.5	8.1	2.7	4.1	4.8	3.3	4.0	4.9	3.4	4.1
St.FrancisLL	20.6	19.6	20.2	26.6	20.8	25.2	27.3	25.3	26.4	26.6	24.0	24.9	26.1	22.8	24.2	22.9	19.3	20.8	19.9	17.8	19.1	18.8	16.2	17.5	17.0	13.9	15.1	18.1	13.4	16.0	18.9	13.8	17.2	19.5	18.0	19.0
Whitecliffs	8.2	1.5	3.8	26.0	5.7	15.4	25.8	2.8	12.3	27.8	14.0	21.6	17.0	2.6	6.3	5.9	1.4	2.6	3.0	0.0	1.2	3.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	1.4

FLOODS IN 1939

On the Arkansas

No floods were reported on the Arkansas River during 1939, but one of its tributaries, the Petit Jean, had a record flood. Danville reported 31.8 feet on April 17th as a result of excessive rainfall that totaled 10.04 inches at Danville in less than 48 hours (16th and 17th). Dardanelle reported 8.40 inches, Booneville 8.08 inches, Ozark 4.57 inches, Story 7,82 inches and Subiaco 6.25 inches during the same period. Former record at Danville was 30.0 feet on June 18, 1935. Flood stages at Danville were reported from February 20th to March 2d, March 6th to 8th, April 7th to 9th and 16th to 21st. Flood losses on the Petit Jean totaled approximately $24,450.

On the White

The White River was high during April, May and the first part of June. Flood stages at Calico Rock were recorded on April 17th, 18th and May 27th. The highest stage for the year was 30.5 on April 17th. Batesville had flood stages on February 21st, March 6th, April 17th to 21st, and May 28th and 29th, with the highest stage of 33.3 recorded on April 18th. Newport recorded flood stages March 7th and April 18th to 24th. Highest at this station was 30.3 feet on April 19th. Georgetown had flood stages from February 3d to March 26th, April 18th to May 8th and from May 20th to June 7th, with the highest stage, 27 feet, recorded on April 24th. Clarendon flood stages were as follows: February 5th to April 3d; Apri 17th to May 15th, May 26th to June 13th. The highest recorded there was 30.7 feet, April 28th, 29th and 30th. Floo stages at St. Charles were as follows: February 8th to Apr 9th, April 17th to May 18th, May 31st to June 15th. Highes stage recorded was 29 feet on May 2d. The following station located on tributaries of the White River had flood stages during the year: Black Rock on the Black River January 31st t March 24th; April 7th to 12th; April 17th to May 6th. Highest stage was 24.8 feet April 18th. Judsonia recorded floo stages on February 1st, 3d and 27th and March 12th. This station was closed March 31st, 1939. Highest stage for Judsoni during first three months was 31.1 feet March 12th. Floo losses in the White River Basin were estimated at $8,158.

On the Ouachita

Arkadelphia had flood stages February 3d, 4th, 26th t 28th; April 6th to 8th, 17th to 20th. Highest stage recorde was 28.2 feet April 17th. Camden reported flood stages fro February 4th to March 9th, March 31st to April 5th, Apr 7th to 16th, and 18th to 27th. Highest stage was 37.6 fee April 21st. Boughton on the Little Missouri reported floo stages on February 5th, 16th, 27th, and April 19th, the highest being 21.3 feet on April 18th. Losses in the Ouachita Rive basin amounted to $22,200.

MISCELLANEOUS PHENOMENA, 1939

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Flood Damage			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January	....	....	....	....	....	87	8	40	9	35	5	4	1	1	1	$ 1,000	....	....	....	....	....	1	....	$	....	....
February	1	1	....	....	....	131	16	86	14	23	6	....	....	....	....	....	4	1	0	3	$ 28 500	5	....	18,000	....	....
March	....	....	8	3	$ 40,200	131	13	34	13	....	....	....	....	2	2	5,500	3	3	1	21	150,000	5	....		1	....
April	6	4	4	4	36,000	208	16	5	3	....	....	....	....	4	4	3,000	10	2	30	100	116,400	5	....	36,800	....	$ 1,075
May	4	4	3	2	3,000	255	22	37	17	....	....	....	....	10	3	*1,678,000	....	....	....	....	....	2	....		1	$ 4,000
June	1	1	....	....	....	427	29	30	14	....	....	....	....	1	1	100	....	....	....	....	....	....	....	....	2	$ 4,809
July	2	2	2	1	5,000	296	22	14	11	....	....	....		2	2	2,400	....	....	....	....	....	....	....	....	1	$ 200
August	4	4	2	2	....	254	27	27	15	....	....	....	....	6	5	750	....	....	....	....	....	....	....	....	2	....
September	3	1	....	....	....	127	13	8	4	....	....	....	....	2	2	1,000	....	....	....	....	....	....	....	....	1	$ 5,130
October	....	....	....	....	....	56	9	11	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
November	....	....	....		....	2	2	44	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
December	1	1	....	....	....	6	2	69	12	26	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Year	22	18	19	12	$ 84,200	1980	179	405	133	84	17	4	1	28	20	$1,687,250	17	6	31	124	$ 294,900	18	....	$ 54,800	9	$ 15,214

*3 killed, 19 injured.

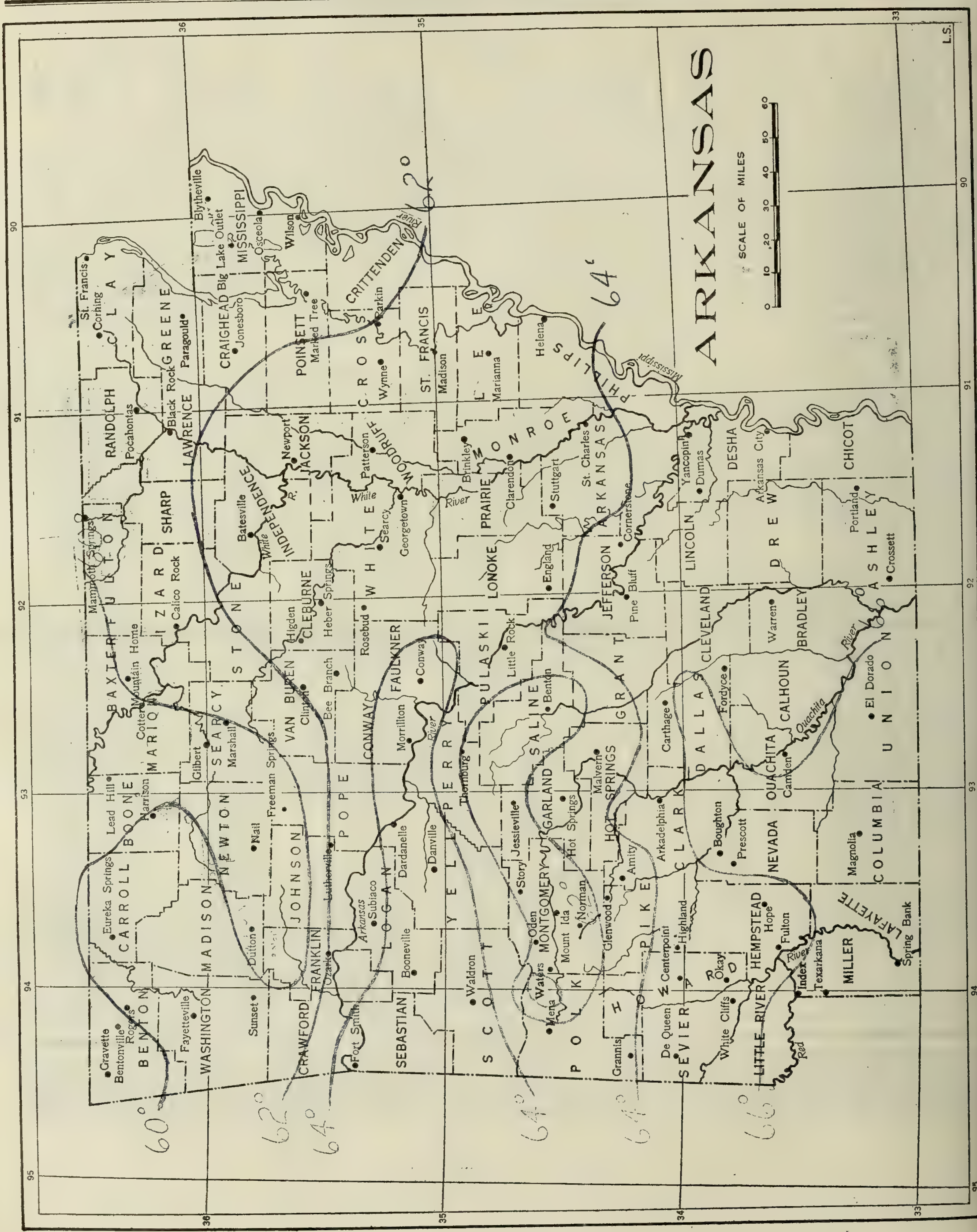
KILLING FROSTS, 1939

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Apr. 7	Nov. 1	208	Jonesboro	Apr. 12	Oct. 31	202
Amity	Apr. 7	....	...	Lead Hill	Apr. 7	Oct. 31	207
Arkadelphia	Apr. 7	Oct. 29	205	LITTLE ROCK	Feb. 23	Nov. 5	255
Batesville Air.	Apr. 7	Oct. 31	207	Little Rock Air.	Mar. 16	Oct. 31	229
Batesville	Mar. 16	Oct. 31	229	Lutherville	Apr. 12	Oct. 31	202
Bee Branch	Apr. 7	Oct 29	205	Madison	Apr. 7	Oct. 31	207
Benton	Apr. 7	Oct. 29	205	Magnolia	Mar. 16	Oct 31	229
Bentonville	Mar. 18	Oct. 31	227	MammothSpring	Apr. 7	Oct. 31	207
Black Rock	Apr. 7	....	...	Marianna	Feb. 23	Oct. 15	234
Blytheville	Apr. 12	Oct. 15	186	Marked Tree	Apr. 7	Oct 29	205
Booneville	Apr. 7	Oct 31	207	Mena	Apr. 7	Oct. 31	207
Brinkley	Mar. 17	Oct. 29	226	MonticelloAiry	Mar. 17	Oct. 31	228
Calico Rock	Apr. 7	Oct 29	205	Morrilton	Apr. 7	Oct 31	207
Camden	Mar. 18	Oct. 31	227	Mountainburg	Apr. 11	Oct. 31	203
Clarendon	Mar. 13	Oct. 29	230	Mountain Home	Apr. 7	Oct. 29	205
Conway	Mar. 16	Oct. 31	229	Mountain Valley	Apr. 7	Oct 31	207
Corning	Apr. 12	Oct. 31	202	Mount Ida	Apr. 22	Oct. 31	192
Cotter	....	Oct. 31	...	Nashville	....	Oct 31	...
Crossett	Apr. 13	Oct. 31	201	Newport	Apr. 7	Oct. 31	207
Danville	....	Oct. 31	...	Oden	Apr. 7	Oct. 29	205
Dardanelle	Apr 7	Oct. 31	207	Okay	Mar. 16	Oct. 31	229
DeQueen	Apr. 7	Oct. 31	207	Ozark	Apr. 7	Oct. 31	207
Devils Knob	Apr. 2	Oct. 31	202	Paragould	Apr. 7	Oct. 29	205
Dumas	Apr. 16	Oct. 29	196	Parkin	....	Oct. 29	...
El Dorado	Apr. 17	Nov. 4	211	Pine Bluff	Mar. 3	Oct. 31	242
England	Mar. 3	Oct. 29	245	Pocahontas	Apr. 7	Oct. 29	205
Eureka Springs	Apr. 12	Oct 31	202	Portland	Mar. 19	Oct. 29	224
Fayetteville	Apr. 12	Oct. 31	202	Prescott	Mar. 3	Nov. 5	247
Fayetteville Ex	Apr. 12	Oct. 31	202	Rogers	Apr. 7	Oct 31	207
Fordyce	Apr. 7	Nov. 4	211	Russellville	Apr. 7	Oct. 31	207
Fort Smith.	Apr. 7	Nov. 4	211	St. Charles	Mar. 2	Oct. 29	241
Fulton	....	Oct. 29	..	Searcy	Apr. 7	Oct. 29	205
Gilbert	Apr. 22	Oct. 29	190	Spring Bank	Mar. 17	Oct. 29	226
Glenwood	....	Oct. 29	...	Story	Apr. 7	Oct. 29	205
Grannis	Apr. 8	Nov. 4	210	Stuttgart	Mar. 3	Oct. 29	240
Gravette	Apr. 12	Oct. 30	201	Stuttgart Evap.	Mar. 2	Oct. 29	241
GreenMountain	Apr. 7	Oct. 31	207	Subiaco	Apr. 12	Oct. 31	202
Harrison	Apr. 12	Oct. 31	202	Texarkana	Mar. 16	Oct. 31	229
Helena	Mar. 16	Oct. 15	213	Thornburg	Apr. 7	Oct. 15	191
Higden	Apr. 7	Oct. 15	191	Turnpike	Apr. 7	Oct. 31	207
Highland	Apr. 7	Nov. 4	211	Waldron	Apr. 7	....	...
High Peak Mt.	....	Oct. 29	...	Warren	Apr. 7	Oct. 29	205
Hope	Mar. 17	Oct. 29	226	White Rock	Apr. 19	Oct. 30	194
Hot Springs	Apr. 7	Oct. 31	207	Wilson	Apr. 7	Oct. 29	205
Index	....	Oct 30	...	Wynne	Apr. 7	Oct 29	205
Irons Fork.	Apr. 12	Oct. 29	200				
Jessieville	....	Oct. 30	...				

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
		Jonesboro	Benedictine Sisters
Alum Fork Reser	L. R. Water Works	Lead Hill	J. H. Crosswhite
Amity	J. W. Campbell	Little Rock	U. S. Weather Bureau
Arkadelphia	Mrs. Ted R. Carpenter	Little Rock Airway	U.S.W.B. Airway Sta.
Arkansas City	Herbert Neff	Lutherville	H. G. Lenhardt
BatesvilleAirway	Airway Observer	Madison	J. W. Eppes
Batesville	Mrs. Ida Barnwell	Magnolia	State Agr. School
Bee Branch	J. E. Scanlan	Mammoth Spring	Mrs. Johnnie Morton
Benton	S. A. Burks	Marianna	C. N. Houck
Bentonville	U. S. Weather Bureau	Marked Tree	Chas. Walton
Big Lake Outlet	C. J. Brooks	Mena	E. W. St. John
Black Rock	Vernon C. Howe	Monticello Airway	Airway Observer
Blytheville	Samuel Norris	Monticello	Soil Cons. Service
Booneville	F. H. Randolph	Montongo	Soil Cons. Service
Boughton	Harry J. Buie	Morrilton	Mrs. Nova Berry
Brinkley	Robt. J. Torry	Mountainburg	C A. Lovell
Calico Rock	William Jones	Mountain Home	H. N. Halbert
Camden	J M. Knight	Mountain Valley	J. G. Scott
Clarendon	R. M. Wheatley	Mount Ida	G. A. Whittington
Clinton	A. L. Stephens	Mulberry	J. L. Battles
Conway	E E. Cordrey	Nashville	H. B. Carruth
Corning	Winfred D. Polk	Newport	J. D. Henderson
Cotter	O. B. McSpadden	Oden	U. S. Forest Service
Crossett	U. S Forest Service	Okay	Charles R. Jackson
Danville	J. M. Patterson	Osceola	G. H. Banks
Dardanelle	Geo. N. Goodier	Ozark	Orkney O. Milton
DeQueen	E. B Smith	Paragould	J. E. Garrett
Des Arc	Z. R. Glenn	Parkin	Carroll King
Devils Knob	U. S. Forest Service	Pine Bluff	Miss Theresa Scheu
Dumas	Ben Johnson	Pine Ridge	J. R. Huddleston
El Dorado	Mrs. E. W. Gaston	Plantersville	Soil Cons. Service
England	O. V. Halbrook	Pocahontas	Benedictine Sisters
Eureka Springs	Geo. W. Nichoalds	Portland	W. E. Edmiston
Fayetteville	Charles F. Ford	Prescott	J. Craig Williams
FayettevilleExp.	University of Ark.	Rock Springs	Soil Cons. Service
Fordyce	Miss Mercille McMurry	Rogers	Mrs. Carl A. Starck
Fort Smith	U. S. Weather Bureau	Rosebud	G A. Maddox
Ft. Smith Wt. P.	Ft. Smith Water Dept.	Ross (Drew Co.)	Soil Cons. Service
Fulton	T. J. Logan	Russellville Evap.	U. S. Forest Service
Georgetown	C. G. Long	St Charles	U. S. Biol. Survey
Gilbert	F. J. King	St. Francis	A. Boyce Boyd, Jr.
Glenwood	C. A. Price	Searcy	Walter A. Smith
Grannis	W. E. McVay	Spring Bank	Henry Field
Gravette	Max W. Schmidt	Story	S. C. Story
Green Mountain	U. S. Forest Service	Stuttgart	Mrs. B. E. Swim
Hankins (Drew)	Soil Cons. Service	Stuttgart Evap.	Rice Experiment Sta.
Harrison	Louis R. Keck	Subiaco	New Subiaco Abbey
Heber Springs	Lester B. Logan	Texarkana	H. S. Brashear
Helena	James A. Burnett	Thornburg	Edward E. Holmes
Higden	Austin E Cartwright	Turnpike	U. S. Forest Serv.
Highland	J. O. Cooley	Underwood (Drew)	Soil Cons. Service
High Peak Mt.	U. S. Forest Service	Waldron	Wilson Ferguson
Hope	Experiment Farm	Warren	C. N Turner
Hot Springs	National Park Service	Whitecliffs	L. M Snead
Index	W. E. McDowell	White Rock	U. S. Forest Serv.
Irons Fork	U.S.F.S. Exp. Station.	Wilson	D. O. Anderson
Jessieville	U. S. Forest Service	Wynne	B M. Eddins

Departures from normal temperature are computed from averages of entire period for stations having 10 or more years record. Departures of precipitation with 15 years or more record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing: † Also on later dates. **Also later months. ‡‡Post-office addresses of these stations as follows:-Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Rock Springs, Route 2, Wilmar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mount Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Hankins, Montongo, Plantersville, Ross and Underwood, Soil Conservation Service, Monticello.


ARKANSAS
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RANDOLPH
CLAY
GREENE
LAWRENCE
CRAIGHEAD
MISSISSIPPI
POINSETT
CRITTENDEN
CROSS
ST. FRANCIS
LEE
PHILLIPS
MONROE
WOODRUFF
JACKSON
INDEPENDENCE
STONE
SEARCY
NEWTON
MADISON
WASHINGTON
CRAWFORD
FRANKLIN
JOHNSON
POPE
VAN BUREN
CLEBURNE
WHITE
PRAIRIE
LONOKE
ARKANSAS
JEFFERSON
PULASKI
FAULKNER
CONWAY
PERRY
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LOGAN
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MONTGOMERY
GARLAND
SALINE
HOT SPRINGS
GRANT
DALLAS
CLEVELAND
LINCOLN
DESHA
DREW
CHICOT
ASHLEY
BRADLEY
CALHOUN
OUACHITA
UNION
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SEVIER
LITTLE RIVER
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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLV LITTLE ROCK, ARK., JANUARY, 1940 No. 1

PRICE: 25 Cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

The mean temperature for January was 28.0°, which is 13.2° below the 50-year average. This was the second coldest January on record, the record being 27.3° in January, 1918. Monthly means ranged from 19.7° at Gravette to 36.0° at Texarkana. The Highest temperature for the month was 74° at Magnolia on the 11th, while the lowest was —14° at White Rock on the 19th. Minimum temperatures of zero or lower were reported over the entire State except at a few stations in the extreme southern portion of the State where they were slightly above zero. Minimum readings on the 19th were the lowest in the State since 1930 when all stations had below zero readings. The greatest daily range was 50° at Fordyce on the 16th.

The average precipitation, based on the reports of 110 stations, was 1.56 inches, which was 2.86 inches below the 50-year average. Monthly amounts ranged from 0.64 inch at Warren to 4.62 inches at St. Francis. The greatest amount recorded in any 24-hour period was 2.01 inches at Blytheville on the 14th. Snow covered the entire State for part of the month. It averaged 5.9 inches, and was the third greatest average in January records, being exceeded in 1918 with 17.6 inches and in 1895 with 7.0 inches. The greatest monthly total snowfall was 13.9 inches at White Rock in Franklin County.

The cold weather during the month materially damaged oats, and slightly damaged peaches in the northwestern portion of the State. The deficiency in precipitation for December and January has greatly depleted sub-soil moisture.

Rivers were at low stages all month. The Arkansas River was frozen over completely at Little Rock from the 20th to the 28th.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	30.33	30.77	25	29.45	13	7.0	24	w.	13	..	..	.	52
Fort Smith	30.29	30.73	25	29.52	13	8 8	34	w.	13	70	56	59	49
Little Rock	30.25	30.68	25	29.43	13	8.5	34	w.	14	80	59	68	53
Memphis	30.24	30.63	25	29.33	14	8.5	36	w.	14	90	70	75	47

Miscellaneous Phenomena

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog				2			1	1		6	25	6	16	2		1	1										1				1
Light Hail							1																								
Moderate Hail																															
Thunderstorm								1		4			11	3																	

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	41.6	71	18	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	3.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48 6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3 19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42.7	90	−10	2 05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.85	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.9	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
1940	28.0	74	−14	1.56	5.9	7	14	6	11
Period	41.2	90	−28	4.42	2.0	8	13	6	12

Climatological Data for January, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	3	29.9	...	62	11	−3	19	38	2.43	...	0.65	7.0	9	11	11	9	e.	L. R. Water Works
Amity	Clark	500	44	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	J. W. Campbell
Arkadelphia	Clark	200	44	30.6	...	71	11	−1	20	44	1.81	−3 02	0.67	4.5	6	13	9	9	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	55	...	...	...	...	...	...	...	1.98	−2.57	0.55	5.5	5	15	3	13	...	Herbert Neff
Batesville Airway	Independence	363	3	26 4	−12.0	54	16	−5	19	37	1.53	...	0.66	8.7	8	14	3	14	nw.	Airway Observer
Batesville	Independence	277	40	...	...	...	...	...	...	...	1.60	−3.08	0.72	9.5	9	13	4	14	...	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	47	28.2	−12.8	53	16	0	19	31	2.10	−2.45	1.00	6.0	5	14	7	10	w.	J. E. Scanlan
Benton	Saline	285	4	27.4	...	69	11	−3	19§	45	1.45	...	0.68	5.7	5	14	9	8	n.	S. A. Burks
Bentonville	Benton	1295	34	21.2	−15.9	52	16	−8	18§	30	0.78	−1.89	0 40	5.0	3	12	4	15	nw.	U. S. Weather Bureau
Bethesda	Independence	...	1	...	...	...	...	...	...	...	1.28	...	0.77	7.0	4	..	..	..	...	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	9	.	...	...	...	...	...	...	2.61	..	1.52	9.2	8	13	4	14	...	C. J. Brooks
Black Rock	Lawrence	259	38	...	...	...	...	...	...	...	2.10	−2.51	0.96	5.5	9	18	1	12	...	Vernon C. Howe
Blytheville	Mississippi	252	14	25 2[a]	−16.8	55[a]	14	−4	19§	35[a]	2.86	−3.06	2.01	7.8	5	..	..	..	...	Samuel Norris
Booneville	Logan	465	25	28.2	−13.6	63	11	−3	19	44	0 82	−2.78	0.20	4.6	6	12	9	10	w.	F. H. Randolph
Boughton †	Clark	235	4	...	...	...	...	...	...	...	1 29	...	0.50	3.0	4	18	0	13	...	Harry J. Buie
Brinkley	Monroe	205	48	27.6	−14.8	58	14	−3	19	31	2.39	−2.80	0.96	4.0	6	16	2	13	ne.	R. J Torry
Calico Rock	Izard	361	35	...	...	...	...	...		...	1.66	−2 81	0.72	7.0	8	17	4	10	...	William Jones
Camden	Ouachita	116	54	33.4	−10.6	72	11	0	19	46	1.39	−3 35	0.54	2 5	7	16	4	11	nw.	J M Knight
Clarendon	Monroe	172	35	...	...	...	...	...	...	...	1.87	−2.77	0.92	4 2	7	10	5	16	n.	R. M. Wheatley
Clinton	Van Buren	516	18	..	...	...	...	...	...	...	1.76	−2 81	0 91	4.8	5	15	4	12	n.	A L. Stephens
Conway	Faulkner	309	56	29.4	−12.8	59	16	−1	19	41	1.63	−3 08	0 59	8.0	6	16	5	9	w.	E. E Cordrey
Corning	Clay	293	46	24 6	−13.6	53	16	−5	19	39	2.56	−2.17	1.19	4.5	7	15	5	11	nw.	Winfred D. Polk
Cotter	Baxter	440	12	...	...	...	...	...	...	...	1.24	−2.12	0.30	8.5	7	13	7	11	...	O. B. McSpadden
Crossett	Ashley	175	27	33.3	−12 9	69	11	−1	27	42	2.63	−2.15	0.82	6.5	8	13	7	11	nw.	U. S. Forest Service
Danville	Yell	327	23	...	...	...	...	...	...	...	1.24	−2.70	0.41	6.3	6	9	8	14	...	J. M. Patterson
Dardanelle	Yell	330	53	29.1	−12.3	57	16	−1	19	38	1 30	−2.32	0.44	6.7	6	13	7	11	w.	Geo. N. Goodier
De Queen	Sevier	426	4	32.2	...	68	11	0	19	40	0.82	...	0.42	2 0	5	14	4	13	ne.	E. B. Smith
Des Arc	Prairie	204	1		...	...	...	...	...	...	1.90	...	1.00	2.0	3	11[a]	1[a]	18[a]	...	Z. R. Glenn
Devils Knob †	Johnson	2350	3	22.4	...	50	16	−13	19	45	1.59	...	0.48	8.5	8	17	2	12	nw.	U. S. Forest Service
Dumas	Desha	162	34	31.6	−13.3	65	11	1	26	40	1 64	−3 38	0.57	5.9	7	11	12	8	n.	Ben Johnson
El Dorado	Union	270	39	31.7	−11.7	72	11	2	19	41	1.69	−3 04	0.88	3.0	6	17	5	9	n.	Mrs. E. W. Gaston
England	Lonoke	229	33	28.7[d]	−14.7	65[c]	11	1[d]	19	35[d]	2.20	−2 70	0.90	6.0	5	8[c]	14[c]	6[c]	n.	O. V. Halbrook
Eureka Springs	Carroll	1465	39	23.0	−15.6	55	31	−10	19	34	0.94	−2.26	0.40	9.0	8	14	3	14	n.	Geo. W. Nichoalds
Fayetteville	Washington	...	2	23.6	...	52	16	−8	19	37	0 65	...	0.23	8.3	8	8	9	14	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	52	23.4	−15.0	51	16	−7	19	38	0.79	−2.21	0 26	9.1	9	11	10	10	nw.	University of Arkansas
Fordyce	Dallas	275	11	32 8[h]	...	66[h]	11	0[h]	19	50[h]	1.63	...	0.44	4.7	8	13[h]	5[h]	5[h]	ne.	Miss Mercille McMurry
Fort Smith	Sebastain	448	58	26.4	−13.1	55	16	−2	19	30	1.07	−1 47	0.71	9.4	8	11	8	12	e.	U. S. Weather Bureau
Ft. Smith Wtr. P †	Crawford	...	2	..	...	...	...	...	...	...	0.72	...	0.49	10.5	4	12	3	16	...	T. J. Wylie
Fulton	Hempstead	260	54	...	...	...	...	...	...	...	1.32	−3 31	0.52	7.4	5	17	3	11	...	T. J. Logan
Georgetown	Woodruff	200	27	...	...	...	...	...	...	...	1.82	−3 20	0.95	3.0	4	23	2	6	...	C G. Long
Gilbert	Searcy	600	14	23 5	...	55	16	−7	19	43	0 93	−2.88	0 33	7.5	6	17	0	14	...	F. E. King
Glenwood	Pike	547	4	...	...	...	...	...	...	...	1.95	...	0.91	4.5	6	16	5	10	...	C. A. Price
Grannis	Polk	950	20	30.8	−11.2	66	11	−5	19	41	1.75	−3 05	0 58	3.8	9	16	6	9	n.	W. E. McVay
Gravette	Benton	1250	42	19.7	−17.4	48	11§	−10	19	44	2.85	+0.07	1.30	4.0	6	12	6	13	s.	Max W. Schmidt
Hankins †	Drew	...	2	...	...	...	...	...	...	...	1.13	...	0.28	...	8	..	..	..	...	Soil Conservation Ser.
Harrison	Boone	1052	39	23.4	−13.5	50	11§	−7	19	36	0.71	−2.46	0.23	8.0	7	15	1	15	nw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	...	10	...	...	...	...	...	...	...	1 42	...	0 62	6.0	7	15	3	13	...	Lester B. Logan
Helena	Phillips	300	67	28.2	−15.0	61	14	−4	19	34	1.79	−3.37	0.60	4.9	7	10	9	12	w.	James A. Burnett
Higden	Cleburne	445	20	...	...	...	...	...	...	...	1.46	−3.12	0.73	6.2	8	15	2	14	n.	Austin E. Cartwright
Highland	Pike	491	20	32 6	...	68	11	−2	19	39	1.08	−3.50	0.42	6.0	6	11	11	9	w.	J. O. Cooley
Hope ‡	Hempstead	375	69	31.6	−14.1	70	11	1	19§	38	1.33	−3.47	0.55	4.5	5	10	10	11	ne.	Experiment Farm
Hot Springs	Garland	600	48	31.6	−12.0	65	11	−2	19	40	2.73	−2.13	0.81	5.0	10	14	11	6	nw.	National Park Service
Index †	Little River	275	22	...	...	...	...	...	...	...	1.35	−2.29	0.40	4 5	5	21	0	10	...	W. E. McDowell
Irons Fork †‡	Polk	...	1	25.4	...	60	11§	−7	19	40	1.58	...	0.45	6.5	9	19	15	6	nw	U. S Forest Service
Jessieville	Garland	750	13	...	...	...	...	...	...	...	1.82	−4.34	0 65	9.2	7	14	8	9	nw.	U. S. Forest Service
Jonesboro	Craighead	345	44	25.6	−15 0	54	16	−5	19	29	1.70	−4.46	0.57	6.9	10	7	10	14	nw.	Benedictine Sisters
Lead Hill	Boone	650	33	21.0	−17.4	49	28	−10	9	43	0.90	−4.12	0.26	8.0	8	12	6	13	nw.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	60	29.0	−12.4	59	11	0	19	27	1.43	−3.33	0.58	5.8	7	12	6	13	nw.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	3	28 1	...	59	11	−1	19	31	1.62	...	0.64	4.9	7	11	10	10	nw.	W. B. Airport Station
Lutherville †	Johnson	775	41	26.8	−13.5	54	23	−5	19	42	1.21	−2.72	0.45	13.7	6	14	5	12	nw.	H. G. Lenhardt
Madison	St. Francis	209	9	...	...	...	...	...	...	...	2.09	...	0.90	4.5	6	9	1	21	...	J. W. Eppes
Magnolia	Columbia	315	23	35.4	−12.2	74	11	3	19	37	1 28	−3.28	0.70	2.5	3	16	7	8	nw.	State Agri. School
Mammoth Spring	Fulton	500	35	23.4	−14.4	56	16	−6	9	44	1.97	−1.49	0.80	6.5	7	13	7	11	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	28	29.0	−13.5	62	14	−1	19	32	1.70	−3.19	0.75	3.5	6	14	8	9	n.	C. N. Houck
Marked Tree	Poinsett	229	35	22.9	−16.6	56	13	−6	19	35	2.40	−3 29	1.14	5.3	7	13	9	9	n.	Charles Walton
Mena	Polk	1207	51	29.0	−12.6	61	17	−4	19	34	1.33	−2.61	0.52	6.0	5	17	4	10	nw.	E. W. St. John
Monticello Airway	Drew	273	3	31.8	...	65	11	1	19	37	1.77	...	0.53	6.0	9	9	11	11	ne.	Airway Observer
Monticello †	Drew	273	4	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	...	Soil Conservation Ser.
Montongo †	Drew	...	4	...	...	...	...	...	...	...	1 28	...	0.30	...	8	..	..	..	...	Soil Conservation Ser.
Morrilton	Conway	315	20	26.4	−14.9	54	16	0	19§	42	1.06	−2.80	0.42	3.4	6	16	10	5	nw.	Mrs. Nova Berry
Mountainburg	Crawford	2010	2	...	...	...	...	...	...	...	1.02	...	0.48	12.0	7	15	3	13	nw.	C. A. Lovell
Mountain Home	Baxter	800	27	23.7	−14.4	56	16	−7	19	88	0.95	−2.38	0 30	5.5	4	14	1	16	n.	H. N. Halbert
Mountain Valley	Garland	273	2	...	...	...	...	...	...	...	1.34	...	0.64	8.2	8	18	3	10	n.	J. G. Scott
Mount Ida	Moutgomery	702	40	29.5	−11.9	67	11	−3	19	43	1.06	−3.28	0.46	9.0	7	11	9	11	nw.	G. A. Whittington
Mt. Ida CCC	Montgomery	...	1	...	...	...	...	...	...	...	1.33	...	0.50	6 5	11	7	16	8	nw.	U. S. Forest Service
Mulberry †	Franklin	...	1	...	...	...	...	...	...	...	1.02	...	0.58	7 5	5	11	6	14	...	J. L. Battles
Nashville	Howard	350	1	32.3	...	69	11	1	19	34	1 38	...	0.48	5.9	7	20	3	8	n.	H. B. Carruth
Newport	Jackson	231	56	27.0	−12.8	53	11§	0	19	36	1.71	−3.53	0.66	4.7	7	13	5	13	s.	J. D. Henderson
Oden	Montgomery	800	12	29.5	...	66	11	−5	25	41	1.51	...	0.73	4.0	4	12	8	11	nw.	U. S. Forest Service
Okay	Howard	288	11	33.8	...	70	11	0	19	41	1.53	...	0 39	3.5	9	15	6	9	n.	Charles R. Jackson
Osceola	Mississippi	250	39	...	...	...	...	...	...	...	2.30	...	1.19	6.5	7	10	10	11	...	G. H. Banks
Ozark	Franklin	396	44	28.6	−12.2	55	16	−5	19	40	1.18	−1.72	0.39	5.0	7	8	8	15	nw.	Orkney O. Milton
Paragould	Greene	275	16	25.1	...	50	16	−5	19	35	1.58	−3.70	0.57	6.5	7	16	6	9	nw.	J. E. Garrett
Parkin	Cross	222	9	..	...	...	...	...	...	...	2.32	...	1.17	3.5	4	16	4	11	...	Carroll King
Pine Bluff	Jefferson	215	52	32.2	−11.7	67	11	1	19	33	1.78	−3.41	0.64	3.8	6	11	8	12	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	15	...	...	...	...	...	...	...	1.63	−2 97	0.62	5.8	5	5	10	16	nw.	J R. Huddleston
Plantersville †	Drew	...	2	...	...	...	...	...	...	...	1.03	...	0.30	...	8	..	..	..	...	Soil Conservation Ser.
Pocahontas	Randolph	300	46	25.0	−13.9	54	16	−6	19	38	2.46	−2.09	1.19	6 9	6	15	5	11	n.	Benedictine Sisters
Portland	Ashley	122	33	31.9	−15.1	66	11	0	19	36	2.46	−2.23	0.95	6.2	6	18	3	10	nw.	W E. Edmiston
Prescott	Nevada	318	51	34.4	−10.2	71	11	1	19	41	1.31	−3.43	0.62	3.4	5	17	2	12	w.	Craig Williams
Rock Springs †	Drew	...	4	...	...	...	...	...	...	...	1.24	...	0.26	...	8	..	..	..	...	Soil Conservation Ser.
Rogers (near) †	Benton	1300	49	22.6	−14.8	52	16	−8	19	36	1.39	−1.27	0.75	7.8	4	16	4	11	nw.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	5	...	...	...	...	...	...	...	1.68	...	0.75	4.5	5	14	8	9	n.	G. A. Maddox
Ross †	Drew	...	2	...	...	...	...	...	...	...	1.04	...	0.25	...	8	..	..	..	...	Soil Conservation Ser.
Russellville	Pope	526	27	29.8	−9.8	57	16§	−1	19	38	1.21	−2.24	0.47	4 0	8	18	0	13	nw.	U. S. Forest Service
St. Charles	Arkansas	175	6	28.0	...	64	13	−1	20	38	1.23	...	0.40	6.7	4	17	4	10	se.	U. S. Biological Survey
St. Francis	Clay	290	12	..	...	...	...	...	...	...	4.62	−1.52	1.12	8.8	10	11	2	18	...	A Boyce Boyd, Jr.
Searcy	White	245	29	28.7	−12.1	57	17	−3	19	34	1.77	−3.02	0.85	11.8	10	19	0	12	nw.	Walter A. Smith
Springbank †	Miller	240	30	...	...	...	...	...	...	...	0.76	−3 25	0.20	5.3	5	16	3	12	...	Henry Field
Story	Montgomery	650	15	...	...	...	...	...	...	..	1.09	−2.93	0.42	4.7	4	17	5	9	n.	S. C Story
Stuttgart	Arkansas	214	52	30.2	−12.8	65	11	−1	19	32	1.56	−3.48	0.77	3.5	5	20	1	10	nw.	Mrs. B. E. Swim
Stuttgart ‡	Arkansas	210	4	26.8	...	64	11	−2	27	33	1.33	...	0.72	...	4	..	..	..	...	Rice Experiment Sta.

Climatological Data for January, 1940 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	42	27.0^e	−14.7	56^e	12	−2^e	19	36^e	0.66	−2.95	0.34	4.0	6	18^e	4^e	9^e	e.	New Subiaco Abbey
Texarkana	Miller	332	54	36.0	−10.3	72	11	2	19	36	1.63	−2.45	0.53	5.0	4	22	1	8	n.	H. S. Brashear
Thornburg	Perry	650	19	27.4	−13.3	66	11	−5	19	43	1.27	−3.13	0.35	6.5	7	9	11	11	n.	Edward E. Holmes
Turnpike†	Pope	2240	15	22.8		50	11†	−12	19	46	2.55	−2.01	1.08	7.1	9	15	6	10	nw.	U. S. Forest Service
Underwood†	Drew		2								1.42		0.30		8					Soil Conservation Ser.
Waldron	Scott	675	20								0.93	−2.90	0.59	7.5	3	8^1	8^1	3^1	nw.	Wilson Ferguson
Warren	Bradley	206	45	33.5	−11.9	65	11†	1	19	35	0.64	−4.18	0.40	5.0	6	7	4	20	nw.	C. N. Turner
Whitecliffs	Little River	290	33								0.85	−3.05	0.30	2.5	5	12	0	19		L. M. Snead
White Rock†	Franklin	2285	3	22.8		52	11	−14	19	46	0.91		0.27	13.9	8	14	5	12	nw.	U. S. Forest Service
Wilson	Mississippi	237	14	25.6	−16.1	52	11	−7	26	27				4.5		8	2	21	n.	D. O. Anderson
Wynne	Cross	167	31	28.4	−12.6	57	14	−4	19	45	2.43	−2.73	1.08	4.8	5	12	7	12	n.	B. M. Eddins
State Means				28.0	−13.2	74	11	−14	19	5	1.56	−2.86	3.09	5.9	7	14	6	11	nw.	

Daily Precipitation for January, 1940

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	23	30	31	Total
Alum Fork Reser.†	Ouachita				.50			.30	.25	T.	.65	.03		.12	.18				T.				.25	.15									2.43
Amity	Ouachita																																
Arkadelphia [2]	Ouachita				.08			.38				.67			.53									.14			.01						1.81
Arkansas City [2]	Mississippi				T.	.15		.45				.38			.45					T.				.55									1.98
Batesville Airway	White	.01			.03			.24			.66	.06		.32	.05				T.	T.			T	.16						T.			1.53
Batesville River [2]	White	.11	T.		.05			.15				.72	.03	.01	.38					T				.14	.01					T.			1.60
Bee Branch	Arkansas				.05			.15			1.00			T.	.60				T.				T	.30						T.			2.10
Benton [2]	Saline				.04			.20	T		T.	.68		T.	.29					T.				.24	T	T.	T.						1.45
Bentonville [1]‡	Arkansas	T		.16	.02		.40	T.	T.	T.	.02	.04		.10	T.				T.	T	T.		.01	.03					T.				0.78
Bethesda	White						.26				.77			.11										.14									1.28
Big Lake Outlet †[2]	St. Francis	.20			.02			.08			T.	.46	T.		1.52					.03				.25	.05					T			2.61
Black Rock [2]	White	.12		.05	.12		.02	.06			.04	.96			.55					T.				.18						T.			2.10
Blytheville [2]	St Francis	.27						.15			T.	.08		T.	2.01									.35									2.86
Booneville	Arkansas				.03		.18	T.			.20				.16								.10	.15									0.82
Boughton †[2]	Ouachita							.50				.40			.28									.11									1.29
Brinkley	White							.15			.61	.09		.08	.96				T.				T.	.50									2.39
Calico Rock [2]	White	.07	.02		.15			.20			.03	.72			.40					T.				.07									1.66
Camden [2]	Ouachita				.13	.05		.54				.28			.22				T.					.15	.02								1.39
Clarendon [2]	White							.18				.92	.02	.01	.53									.19	T.	T.				.02			1.87
Clinton	White			.03			.25				.91			.31										.26									1.76
Conway	Arkansas				.19			.21			.59			.31									.11	22									1.63
Corning [2]	White	.08			.06			.10				1.19	04		.91									.18									2.56
Cotter [2]	White	.20			.10			.25				.25			.30					T.				.10	.04								1.24
Crossett ..[near]	Ouachita				.82		.34	.42			.04	.19			.17				T.				.15	.50									2.63
Danville [2]	Arkansas				.08			.17	T.		.05	.41			.32					T.				.21	T.								1.24
Dardanelle [2]	Arkansas				.05			.18			.11	.44			.36									.16									1.30
De Queen	Red						.20				.42			.13									.06	.01									0.82
Des Arc [2]	White						T.					.70			1.00						T.			.20									1.90
Devils Knob †	Arkansas				.27		.17	.48			.41	.04		.03	.04				T.				T.	.15						T.			1.59
Dumas	Mississippi				T.		T.	.57			.15	.21		.09	.30				.02				.10	.20		T							1.64
El Dorado [2]	Ouachita				.29			.88				.08			.18					.03				.23									1.69
England	Arkansas							.10			.90			.70					T				.20	.30	T.		T.						2.20
Eureka Springs	White			.05	.20		.40	.10						.05	.05				T.					07						.02			0.94
Fayetteville	White	T.		.02	.14		.23	.08	T.	.01	T.	.03		T	.05				T.	T.	T.		T.	.09						T.			0.65
Fayetteville Exp. S	White			.04	.17		.26	.12	T.	.02	.01	.02	T.	T.	.06				T.		T.		T.	.09						T.			0.79
Fordyce	Ouachita				.14		T		.20		.44	24		.04	.27								.07	.23									1.63
Fort Smith [1]‡	Arkansas			.15	T.		.70	.01		T.	.06	.01		.05	T.				T				.07	.02									1.07
Fort Smith W. †[2]	Arkansas				.18			.49							.02									03									0.72
Fulton [2]	Red				.18			.52	T.			.20			.20									22		T	T.			T.			1.32
Georgetown [2]	White							T.			.95	.07			.50									.30									1.82
Gilbert [2]	White				.18			.20			.07	.33			.09										.06								0.93
Glenwood [2]	Ouachita				T.			.51			.02	.91	.03		.28				T.					.20									1.95
Grannis	Red				.04		.45	.01			.58	.03		.40	.10				T.				.12	T.		.02							1.75
Gravette [2]	Arkansas	.25			.30						1.30			.40					T	T.				.10					.50				2.85
Green Mountain †	White																																
Hankins †‡	Ouachita				.17		.07	.18	.11		.10	.05		.17									.28										1.13
Harrison	White				.17		.23	.11		.04				.07	.03									.06									0.71
Heber Springs	White	.04			.03			.18			.04	.62	T.		.35					T.				.16	T.					T.			1.42
Helena [2]	Mississippi							.35				.46		.02	.60					T.				.32	.02					.02			1.79
Higden	White				.04			.20			.73	T.	T.	.28	.09				.01				.01	.10						T.			1.46
Highland	Ouachita				.09		.36	.04			.42												.11	.06									1.08
Hope ‡†[2]	Red				.04			.55				.20			.33									.21		T							1.33
Hot Springs	Ouachita				.05		.20	.25	.75	T.	.81	.03		.15	.03				T				.28	.18	T.	T.							2.73
Index †[2]	Red								.10		.40	.20		T.	30					T.				.35									1.35
Irons Fork †‡‡[2]	Ouachita		T.		.07			.36			.20	.26		.01	.45				T	.02				.18	T.	.03							1.58
Jessieville	Ouachita				.07		.30				.65			.49					.03					.20	.08								1.82
Jonesboro [2]	White	.16			.01			.08				.57	.01		.52					.01				.18	.15					.01			1.70
Lead Hill	White	T.		T.	.13		.14	.26		.03	.07			.20					.04					.03						T.			0.90
Little Rock [1]‡	Arkansas			T.	.01		.12	T.			.58	01	T	.43					T.				.17	.08		T.							1.40
LittleRock Air'y. [1]	Arkansas			T.	.01		.13	T.			.64	.01	T	.53					T.				.24	.06									1.62
Lutherville †	Arkansas				.17			.21			.45			.12									.10	.17									1.22
Madison [2]	St. Francis	T.						.10			T.	.75		.02	.90					T				.27	T.					.05	T.		2.09
Magnolia	Red				.28			.70																.30									1.28
Mammoth Spg [2]	White	.15			.10			.20	T.		.05	.80			.37				T					.30	T.								1.97
Marianna	St. Francis										.75	.10		.03	.34				T.					.37						.11			1.70
Marked Tree [2]	St. Francis	.16			.01			.02				.80			1.14				T.					.25	.01								2.40
Mena [2]	Ouachita							.46	T		T.	.52	T.	T.	.17					T.				.15		.03							1.33
Monticello Airway	Ouachita				.23		.19	.41			.03	.02		.01	.53				T.				.10	.25		T							1.77
Monticello (near. †‡	Ouachita																																
Montongo †	Ouachita				.23		.10	.20	.12		.11	.12		.10									.30										1.28
Morrilton [2]	Arkansas				.02			.14			.06	.42		T.	.24					T.				.18	T.								1.06
Mountainburg	Arkansas			.16	.09		.48	.12			.08			.01									T.	.08									1.02
Mountain Home	White				.25			.15			.25			.30																			0.95
Mountain Valley	Ouachita				.06		.15	.07			.64	T.		.11	.03				T.				.16	.12		T.							1.34
Mount Ida	Ouachita				05		.15				.46			.17	.08								.10	.05		T.							1.06
Mount Ida CCC	Ouachita				.06		.14	.12			.50	.05		.15	.06				.01				.20	.03		.01							1.33
Mulberry †[2]	Arkansas				.17			.58				.17			.05										.05								1.02
Nashville	Red				.09		.40	.01			.48			.04	.06								.20	.10									1.38
Newport [2]	White				.20			.18				.66	.03	.01	.47					T.				.16	T.					T.			1.71
Oden	Ouachita						.26				.43			.73									.09										1.51
Okay	Red				.13		.36	.16			.39	.02		.02	.23				T				.12	.10		T.							1.53
Osceola [2]	Mississippi	.20			.04			.06			T.	.49	T.		1.19					.01				.31	T					T.			2.30

Daily precipitation for January, 1940 [continued]

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ozark [2]	Arkansas				.11			.39			.16	.21			.08									.09	.20		T					
Paragould	St. Francis	.09			T.			.16			.49	.04	.02	T.	.57				T.					.21						T.		
Parkin [2]	St. Francis							.05				.80			1.17									.30	T.							
Pine Bluff [2]	Arkansas				.02			.29				.37			.41					T.				.64	.05	T.	T.					
Pine Ridge [2]	Ouachita			.05		.32				.46									.62				.18									
Plantersville †‡	Ouachita				.17		.06	.15	.10		.10	.10		.05									.30									
Pocahontas	White	.10			.08			.17			1.19				.67									.25								
Portland [2]	Ouachita				.32			.59				.27			.28					.05				95								
Prescott [2]	Ouachita				.05			.36				.21			.62									07	T.		T.					
Rock Springs †	Ouachita				.23		.10	.20	.12		.11	.12		.10									.26									
Rogers (near) †	White				.19		.34							.11	T				T.					.75						T		
Rosebud †	Arkansas					.05			.07	.75				.48					T.				.33									
Ross †‡	Ouachita				.20		.07	.13	.10		.06	.13		.10									.25									
Russellville ‡‡	Arkansas				.05			.15			.47	.03		.19	.12								.06	14								
St. Charles [2]	White				T			.18				.35	T.		.40								.30				T.			T.		
St. Francis [2]	St. Francis	1.03			.45			.32			.10	1.12	.15	T.	.71					.13				.42	.07						.12	
Searcy	White	.03				.05		.22			.04	.85	.03	T.	.35									.15	.03					.02		
Spring Bank †[2]	Red				.20	T.		.20				.10			.08									.18								
Story [2]	Ouachita				.30		.23				.42												.14									
Stuttgart [2]	Arkansas							.02				.77		.02	.40									35		T						
Stuttgart ‡‡[2]	Arkansas							.17				.72		T.	.26								.18									
Subiaco	Arkansas				.03		.05	.05			.34			T.									.06	.13								
Texarkana [2]	Red				40			.53				.20												.50								
Thornburg	Arkansas				.06		.20	.17		T.	.35			.11					T.				.12	.26		T				T		
Turnpike †	Arkansas			T.	.19		.16	.18		T.	.36	.29		1.08	.13				T.				.02	.14						T.		
Underwood †‡	Ouachita				.16		.11	.21	.12		.12		.12	.30									.28									
Waldron	Arkansas										.59			.13									.21									
Warren	Ouachita				T.		.02	T			.15				.03				01				.03	.40								
Whitecliffs [2]	Red				T.			.10			.10	.30		T.	.20								.15			T.						
White Rock †	Arkansas			.03	.20		.27	.16		T	.10	.03		T.	.06								T.	.06						T		
Wilson [2]	Mississippi																															
Wynne [2]	St. Francis							.08			.72	.20	T.		1.08									.35								

Daily temperatures for January, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Alum Fork	Maximum	41	40	34	35	36	31	30	33	38	37	62	58	40	49	45	58	56	48	22	38	32	26	31	31	24	26	37	45	47	46	47
	Minimum	28	18	19	25	21	15	21	14	15	33	37	36	33	26	26	20	37	11	-3	14	13	18	18	12	8	10	9	24	27	26	17
Arkadelphia §§	Maximum	49	45	41	39	36	36	38	40	46	47	71	55	52	39	52	56	61	23	29	41	37	26	32	36	26	33	37	50	58	47	49
	Minimum	25	27	19	22	25	17	19	11	12	18	37	39	35	25	20	16	17	20	8	-1	12	18	18	10	10	9	7	18	24	21	16
Batesville	Maximum	28	30	27	36	34	29	32	31	40	36	49	47	40	40	47	54	49	37	24	34	32	26	34	29	22	28	34	44	42	37	47
	Minimum	23	15	14	22	10	17	18	11	7	33	34	32	29	27	24	21	28	6	-5	10	9	12	20	10	6	4	5	7	29	22	16
Bee Branch	Maximum	40	35	35	35	35	27	28	35	34	34	48	45	40	40	46	53	50	45	25	36	36	35	30	30	30	25	25	40	47	47	42
	Minimum	28	20	20	29	17	15	20	10	12	29	32	30	32	30	20	22	30	15	0	8	12	17	20	12	6	6	8	22	29	25	25
Benton §§	Maximum	43	37	38	39	29	33	34	38	42	41	69	47	48	42	51	54	57	21	27	40	35	24	35	33	24	31	34	45	53	41	48
	Minimum	22	21	16	20	24	16	19	8	8	11	35	35	34	26	18	15	14	19	-3	-3	8	13	18	3	5	3	1	0	25	21	14
Bentonville ***	Maximum	24	25	33	30	15	23	22	24	37	39	45	30	44	35	42	52	39	14	15	22	21	22	26	14	13	22	31	44	41	38	51
	Minimum	14	7	18	14	2	15	7	2	13	35	30	24	22	17	18	29	14	-8	-8	7	3	7	11	-1	-3	3	1	22	27	16	22
Blytheville	Maximum	34	21	27	36	26	28	34	31	39	39	49	48	50	55	43	53	39	27	19	30	31	28	32	29	20	23	27	40	38	35	..
	Minimum	13	6	9	24	5	13	24	14	12	33	38	32	32	30	25	26	26	10	-4	9	8	12	23	3	5	-4	0	5	23	18	23
Booneville	Maximum	38	34	35	37	35	28	27	32	39	39	63	52	45	43	47	58	57	50	24	33	28	24	34	29	21	28	38	50	47	44	50
	Minimum	22	17	17	26	23	19	22	5	8	33	36	28	33	22	20	18	25	6	-3	10	9	13	16	9	3	6	3	22	30	21	19
Brinkley	Maximum	36	30	32	38	32	30	31	32	40	40	56	54	43	58	44	50	50	43	19	33	30	27	32	30	23	26	31	37	45	43	42
	Minimum	25	17	16	27	18	15	24	15	14	34	38	34	31	27	23	22	25	12	-3	10	11	16	20	2	8	1	2	8	23	24	15
Camden	Maximum	55	48	48	42	38	34	37	38	40	50	72	62	54	62	50	55	62	62	22	38	36	38	36	36	34	34	36	48	58	55	48
	Minimum	27	24	19	19	26	19	28	16	15	34	47	40	36	28	23	17	24	16	0	12	11	17	20	13	14	7	6	27	24	21	15
Conway	Maximum	41	39	36	39	36	32	31	34	39	38	54	52	41	44	50	59	58	48	25	36	34	32	36	32	24	30	33	49	52	47	47
	Minimum	28	18	19	24	19	18	22	11	11	34	34	29	32	28	24	18	27	10	-1	11	9	14	18	9	11	7	3	22	25	24	17
Corning	Maximum	28	25	25	35	32	25	30	32	36	35	47	45	42	42	45	53	52	34	22	31	32	28	33	30	26	27	30	42	40	37	45
	Minimum	9	6	7	20	3	14	19	9	4	29	33	29	27	27	23	25	30	5	-5	8	8	11	22	9	3	-1	2	3	30	18	16
Crossett	Maximum	49	45	43	40	39	39	36	48	48	52	69	64	57	68	51	57	65	53	26	40	40	32	35	35	35	34	39	46	58	53	50
	Minimum	27	21	17	30	26	17	23	18	16	35	45	42	39	29	19	16	23	16	3	7	12	15	20	6	16	2	-1	19	25	24	13
Dardanelle	Maximum	38	35	35	36	36	31	28	34	36	36	52	52	47	41	47	57	54	48	24	35	31	28	35	31	23	30	36	49	50	46	47
	Minimum	26	18	20	25	20	20	22	9	13	31	31	32	32	25	23	19	27	13	-1	13	12	15	17	11	6	12	7	25	28	25	20
De Queen	Maximum	51	40	38	41	40	35	32	38	37	41	68	61	51	47	52	55	62	51	27	40	38	33	37	37	24	33	40	49	60	52	48
	Minimum	25	27	23	30	29	21	25	10	16	33	39	38	35	24	22	18	22	14	0	11	14	18	14	14	9	9	10	20	23	25	19
Devils Knob	Maximum	29	27	24	29	25	23	20	30	26	31	49	48	40	39	41	46	50	42	17	26	25	18	25	19	13	20	31	38	40	37	43
	Minimum	17	6	17	20	15	12	16	7	16	25	31	25	20	16	19	27	26	-3	-13	5	1	7	13	4	-5	0	3	22	29	14	21
Dumas	Maximum	45	35	39	40	37	36	34	36	44	50	65	59	52	61	48	57	60	42	22	38	54	26	32	29	23	27	30	42	55	44	44
	Minimum	29	23	19	26	24	17	29	20	19	36	43	38	36	30	26	24	30	15	2	12	14	17	20	5	10	1	3	17	27	26	19
El Dorado	Maximum	52	49	42	39	40	35	33	34	45	69	72	64	51	46	49	55	62	58	25	35	35	31	35	35	31	30	39	49	59	52	47
	Minimum	30	24	24	30	29	20	30	19	23	40	41	44	40	29	24	25	23	17	2	13	18	23	19	13	19	9	12	28	32	31	22
England	Maximum	41	34	33	37	34	36	32	31	37	51	65	57	54	..	..	55	55	48	23	30	32	30	..	25	23	24	29	34	54	53	38
	Minimum	28	20	20	26	20	16	24	16	16	29	35	35	..	..	..	25	26	13	1	11	12	16	..	18	2	10	6	4	20	25	21
Eureka Springs	Maximum	29	28	30	30	25	20	21	28	35	40	47	39	43	42	44	51	45	21	20	27	27	25	31	19	16	27	33	45	45	39	55
	Minimum	13	3	13	23	0	11	17	4	11	32	37	24	26	17	16	32	19	-3	-10	6	1	6	13	5	-4	0	0	20	28	18	19
Fayetteville	Maximum	31	25	34	30	27	26	23	23	34	40	49	43	43	42	42	52	48	34	17	24	22	22	29	18	13	22	30	43	42	40	51
	Minimum	17	9	18	23	8	16	18	2	4	33	35	26	28	18	19	28	25	-3	-8	8	4	9	16	6	-3	3	0	22	29	16	18
Fayetteville Exp. S	Maximum	31	26	34	30	26	25	23	25	35	38	49	43	43	42	49	51	49	35	17	23	22	22	26	17	13	22	29	43	41	40	50
	Minimum	17	10	19	22	7	15	18	-1	2	32	35	26	28	18	18	27	25	-3	-7	7	4	9	16	5	-4	3	-1	21	29	17	19
Fordyce	Maximum	..	51	38	36	36	34	..	34	40	46	66	64	49	..	59	54	..	55	25	38	..	36	36	34	..	32	34	56	54	..	..
	Minimum	..	26	23	30	27	19	..	18	19	36	46	39	36	..	26	22	..	5	0	11	..	16	21	12	..	10	9	26	26	..	..
Fort Smith***	Maximum	35	26	33	35	29	28	25	25	35	37	49	42	39	38	43	55	53	24	22	30	25	21	31	22	19	27	33	48	46	44	48
	Minimum	24	17	22	26	18	22	12	3	12	33	36	31	28	23	24	25	24	-1	-2	12	11	11	15	10	5	10	10	28	30	26	26
Gilbert§§	Maximum	34	32	34	36	25	26	25	33	38	38	54	34	45	39	49	55	48	35	25	34	31	26	33	28	21	29	38	47	47	39	52
	Minimum	11	9	10	23	7	17	16	-2	-1	22	29	26	26	23	15	12	17	7	-7	4	4	6	17	9	0	6	-2	15	24	15	9
Grannis	Maximum	47	37	36	41	40	33	29	40	37	40	66	62	52	47	50	54	62	47	25	38	36	27	36	32	23	30	44	48	56	49	51
	Minimum	28	21	20	28	23	19	21	6	18	32	38	36	33	23	21	24	27	6	-5	11	10	11	14	12	5	6	10	20	25	29	20
Gravette§§	Maximum	26	27	33	30	18	23	23	26	38	40	48	34	48	38	45	48	35	6	15	20	22	24	30	13	11	20	30	46	40	38	48
	Minimum	15	6	7	23	0	0	17	-6	2	18	33	23	23	16	15	15	22	3	-10	4	1	5	7	4	-7	-7	-4	2	21	14	16
Green Mountain	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Harrison	Maximum	30	24	32	31	26	22	25	21	33	40	50	41	39	41	41	50	44	34	19	25	25	25	29	20	20	24	33	43	41	38	49
	Minimum	18	8	14	25	4	13	18	8	-2	31	31	25	28	22	20	25	25	-2	-7	10	6	9	18	8	-2	3	1	17	30	16	15
Helena	Maximum	39	30	36	40	33	36	36	33	42	45	58	58	55	61	42	53	56	42	19	35	30	26	30	27	24	21	27	38	52	40	42
	Minimum	23	17	15	26	16	12	26	18	13	33	39	33	32	27	22	25	28	11	-4	7	10	12	18	-1	6	1	1	11	24	23	17
Highland	Maximum	50	41	37	40	39	32	31	39	38	40	68	63	53	57	52	54	59	53	28	40	38	34	36	35	32	32	38	46	59	51	48
	Minimum	28	26	22	28	27	18	24	10	18	33	38	39	34	25	24	26	29	14	-2	11	13	18	17	10	10	8	11	26	30	30	22
Hope §§ ‡‡	Maximum	55	38	43	37	38	30	32	38	41	57	70	57	60	44	51	55	62	23	26	38	37	25	37	35	25	33	39	49	59	50	48
	Minimum	25	28	22	24	28	19	21	14	14	19	38	43	36	27	25	25	26	23	1	1	13	16	15	12	12	9	9	12	26	23	18
Hot Springs	Maximum	43	38	38	37	35	31	30	35	40	40	65	60	47	50	48	53	56	54	35	35	34	30	34	31	49	30	35	45	51	49	45
	Minimum	27	24	20	25	26	18	24	14	17	34	38	36	34	26	24	24	31	14	-2	15	11	17	14	13	10	8	9	27	29	29	20

Daily temperatures for January, 1940, continued

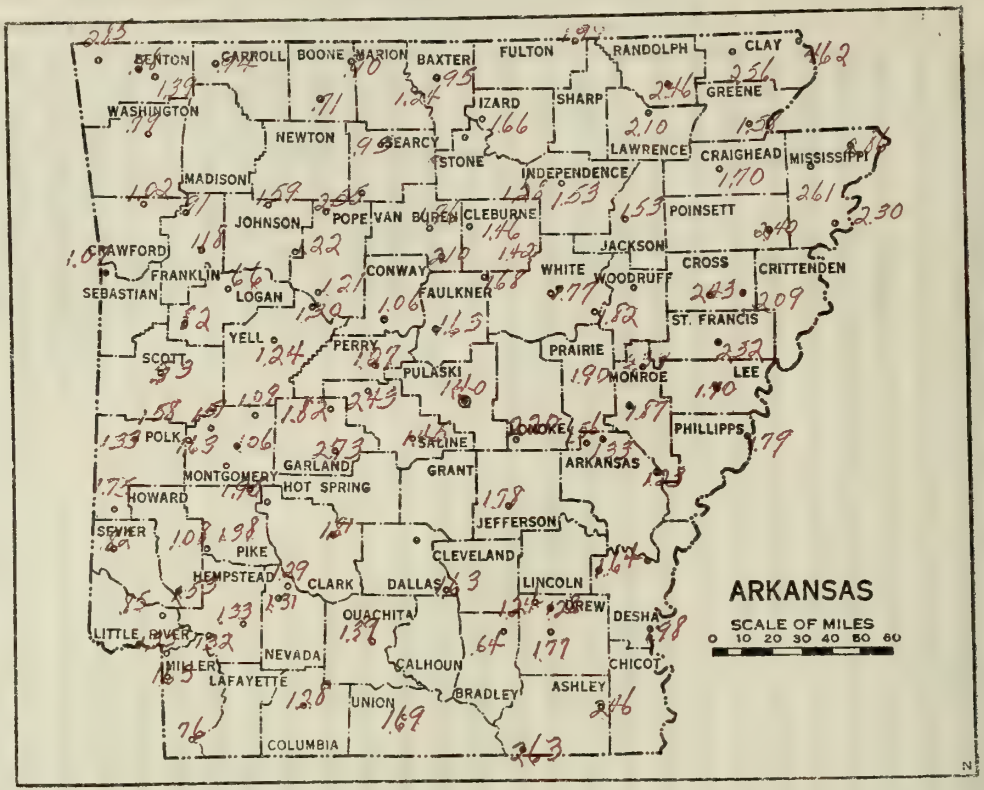
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	39	26	32	33	33	26	26	32	38	52	60	50	50	37	45	52	60	13	20	32	28	22	32	25	18	25	37	47	49	41	51	36.5
	Minimum	21	17	12	24	22	17	19	2	8	20	33	31	31	20	18	15	20	12	-7	2	9	9	12	8	2	3	2	11	21	20	13	14.4
Jonesboro	Maximum	28	24	27	36	33	25	29	29	40	36	51	50	45	48	44	54	45	33	20	32	31	26	51	28	23	25	29	42	42	37	44	35.1
	Minimum	14	10	12	21	7	15	20	12	12	31	34	31	28	27	23	27	30	6	-5	9	7	12	20	7	4	2	5	13	26	19	17	16.0
Lead Hill..........	Maximum	31	22	28	32	27	25	24	24	33	37	43	41	38	42	41	38	41	29	17	22	28	25	32	22	13	27	26	49	44	39	36	31.5
	Minimum	13	5	8	22	0	11	16	-2	-10	30	31	24	27	22	18	13	18	-1	-8	8	4	3	15	7	-2	-1	-8	6	28	13	9	10.4
Little Rock..***	Maximum	38	33	35	37	32	32	32	30	38	41	59	47	45	41	45	52	50	29	23	35	29	23	33	26	18	28	30	43	49	38	41	36.5
	Minimum	27	20	24	28	18	18	23	15	19	36	41	35	33	28	28	25	29	5	0	14	15	19	18	13	11	11	13	24	32	27	22	21 6
Little Rock.....*** [Airway]	Maximum	40	35	35	38	25	33	32	33	3 7	40	59	40	46	42	46	53	51	29	23	36	32	23	33	28	20	29	29	42	51	39	41	36.8
	Minimum	27	18	18	27	16	16	22	15	13	34	37	34	33	27	24	22	26	3	-1	12	13	17	18	12	11	10	5	21	29	23	19	19.4
Lutherville........	Maximum	36	32	31	34	35	28	27	25	30	34	53	53	44	39	42	52	52	45	23	34	30	24	54	26	22	28	29	45	47	43	45	36.8
	Minimum	23	14	19	18	16	18	20	5	14	30	33	30	30	23	20	22	27	3	-5	9	7	11	13	10	4	8	5	25	27	22	19	16.8
Magnolia..........	Maximun.	54	51	43	38	41	39	33	35	43	55	74	66	60	63	50	56	64	55	24	37	37	38	36	32	25	30	40	50	57	53	52	46.2
	Minimum	27	25	25	30	29	21	29	17	22	38	54	43	38	28	23	23	30	18	3	14	17	21	18	18	11	11	13	29	30	20	32	24.7
Mammoth Spring.	Maximum	24	22	25	33	31	23	28	28	36	35	45	43	36	38	46	56	48	30	21	26	29	28	33	32	18	26	33	45	43	39	46	33.7
	Minimum	14	4	1	21	1	15	18	6	1	29	34	31	28	26	20	16	24	3	-6	8	5	8	21	13	1	-1	3	1	32	16	12	13.1
Marianna...	Maximum	34	30	34	38	32	35	33	29	41	44	59	58	50	62	44	52	53	46	21	33	32	22	33	29	26	24	27	37	46	41	40	38.2
	Minimum	25	19	16	29	16	15	19	19	14	35	41	36	34	35	27	27	29	14	-1	10	11	17	21	8	9	5	6	7	27	24	16	19.7
Marked Tree....§§	Maximum	26	26	28	36	18	29	33	29	40	45	53	37	56	40	45	52	46	18	19	30	31	24	29	25	16	28	30	29	34	36	41	33.2
	Minimum	16	10	10	14	9	9	14	14	10	14	32	31	29	27	24	22	27	13	-6	-5	6	7	12	4	5	0	2	2	3	20	15	12.6
Mena..............	Maximum	43	30	34	35	34	25	27	36	39	41	57	55	45	43	47	53	61	40	23	34	31	24	32	26	20	26	37	47	53	45	57	38 7
	Minimum	27	20	20	26	24	18	21	9	16	33	41	33	33	22	22	25	29	6	-4	12	10	12	15	10	4	6	9	26	28	27	21	19.4
Monticello.	Maximum	46	35	40	38	36	37	34	36	34	49	65	62	56	55	47	55	60	51	23	36	34	29	33	32	26	28	36	44	55	48	45	42.1
	Minimum	29	19	20	29	25	17	29	18	19	36	46	32	36	28	23	24	30	14	1	10	14	21	20	9	12	5	3	20	29	28	18	21.4
Morrilton ....§§	Maximum	39	32	35	36	26	31	29	31	36	38	50	46	44	39	41	54	52	17	24	38	30	24	36	25	19	29	38	46	48	40	40	35.9
	Minimum	27	19	18	23	22	19	22	9	9	15	32	31	32	27	21	22	22	16	0	0	13	13	13	9	9	5	5	4	24	25	20	17.0
Mountain Home...	Maximum	28	25	30	32	28	24	26	26	36	36	48	35	36	41	45	56	43	28	21	28	29	26	33	27	18	27	36	50	43	39	53	34.0
	Minimum	15	6	9	22	1	13	17	8	4	30	32	27	27	23	19	22	25	-2	-7	9	5	9	18	9	-1	2	3	8	31	15	15	13.4
Mt. Ida...........	Maximum	46	36	36	40	36	31	30	39	42	40	67	60	48	48	51	55	61	52	27	38	35	26	36	30	24	23	38	49	55	48	50	41.8
	Minimum	24	23	14	27	26	19	24	3	7	34	37	34	34	25	20	12	22	11	-3	9	7	10	15	10	6	5	-1	25	22	20	12	17.2
Nashville..........	Maximum	50	38	40	41	38	32	32	38	38	42	69	58	54	50	48	52	59	48	27	32	39	32	36	36	29	32	38	47	48	51	48	42.6
	Minimum	27	29	24	30	29	20	26	12	16	37	40	40	35	26	23	21	25	16	1	13	13	19	15	12	12	10	12	28	26	24	21	22.0
Newport...........	Maximum	29	30	30	38	35	29	32	31	40	37	53	53	46	45	45	52	48	42	23	33	32	30	32	31	24	27	33	41	43	39	43	37.0
	Minimum	22	14	15	24	12	16	21	10	10	34	36	32	29	28	25	22	27	11	0	7	10	14	20	2	6	4	6	5	29	21	16	17.0
Oden......... ..***	Maximum	43	30	35	40	36	30	30	38	41	41	66	57	47	41	50	56	62	35	25	33	29	23	33	25	19	25	37	42	51	45	50	39.2
	Minimum	29	21	20	28	22	20	22	18	15	35	41	36	35	25	27	21	35	-2	11	10	15	16	15	11	-5	8	-4	25	26	22	15	19.8
Okay..............	Maximum	51	50	42	42	40	38	35	37	40	45	70	69	57	55	52	56	62	61	26	39	40	38	39	39	36	33	40	49	59	60	53	46.9
	Minimum	24	28	22	31	30	20	24	12	15	35	41	40	36	26	19	15	23	24	0	9	11	19	13	10	12	6	9	25	21	20	19	20.6
Ozark.............	Maximum	40	36	33	37	32	30	28	29	34	37	54	49	41	40	47	55	54	42	25	34	30	26	35	28	27	30	35	48	49	47	47	38.0
	Minimum	23	16	19	19	20	20	20	3	16	27	48	48	36	24	20	20	26	2	-5	12	10	14	17	12	4	10	6	35	25	22	22	19.1
Paragould....... .	Maximum	26	26	27	35	36	25	32	32	37	37	48	47	44	48	40	50	46	35	19	29	30	31	32	32	26	24	26	39	39	38	41	34.7
	Minimum	12	9	8	22	7	15	20	13	10	32	34	32	29	28	24	23	28	8	-5	11	8	12	21	6	3	1	5	4	26	18	16	15.5
Pine Bluff........	Maximum	43	34	37	39	34	37	34	35	43	47	67	60	60	62	48	55	56	45	25	40	34	26	34	31	25	30	31	43	54	41	46	41.8
	Minimum	28	25	20	25	24	19	26	18	20	37	44	37	36	29	25	24	34	14	1	13	16	20	21	11	12	10	7	22	31	28	20	22.5
Pocahontas	Maximum	28	27	25	36	34	25	30	31	36	36	45	45	40	42	46	54	52	37	22	31	32	32	32	33	27	27	32	41	40	41	44	35.6
	Minimum	14	7	10	21	5	16	19	10	7	31	34	31	28	27	22	20	28	8	-6	8	5	8	19	11	3	-1	0	3	29	17	15	14.5
Portland	Maximum	48	42	40	37	36	37	38	38	44	54	66	63	65	46	48	56	60	50	24	37	34	34	34	33	28	28	32	46	52	47	43	43.2
	Minimum	28	21	19	28	26	16	28	18	18	34	44	39	35	28	24	20	26	15	0	11	16	18	18	7	14	4	1	14	25	25	18	20.6
Prescott...........	Maximum	50	45	40	39	38	36	34	38	40	44	71	69	55	47	51	55	62	59	25	38	37	34	38	37	35	33	41	49	60	58	49	45.4
	Minimum	29	27	23	30	27	20	25	15	19	35	42	43	36	28	24	24	29	18	1	13	17	21	20	14	13	12	12	30	27	29	21	23.4
Rogers	Maximum	32	25	33	34	26	22	22	24	34	38	44	41	43	42	43	52	49	32	17	24	23	22	26	17	14	23	30	44	42	41	51	32.6
	Minimum	14	7	16	25	4	13	18	0	3	33	35	25	27	17	16	25	22	-4	-8	4	-3	7	17	6	-3	2	-2	16	28	15	15	12.6
Russellville......‡‡	Maximum	39	36	35	37	38	31	31	40	35	36	52	53	53	41	47	57	57	51	25	35	33	27	36	35	24	30	45	48	52	52	52	40.4
	Minimum	24	18	21	23	21	21	23	9	14	33	35	31	33	26	23	19	25	13	-1	13	11	15	15	10	6	10	4	24	27	28	18	19.1
St. Charles ......§§	Maximum	37	33	38	42	27	36	34	34	43	54	62	41	64	41	45	53	57	21	19	34	32	24	32	30	21	24	28	39	48	36	43	37.8
	Minimum	27	22	17	21	23	15	19	18	14	16	38	39	34	29	20	21	25	19	2	-1	13	14	18	12	9	7	3	8	25	25	16	18.3
Searcy	Maximum	35	35	34	38	36	31	32	38	44	37	50	51	43	46	51	54	57	42	27	40	37	28	35	32	26	32	33	43	47	38	46	39.3
	Minimum	26	17	19	25	15	17	21	8	10	33	37	33	30	27	22	21	25	11	-3	11	10	15	21	5	8	8	5	14	28	23	18	18.1
Stuttgart	Maximum	43	32	38	39	33	36	32	33	40	44	65	58	50	60	44	54	53	46	20	35	30	27	33	29	23	27	30	40	50	42	43	39.6
	Minimum	28	22	20	30	22	17	26	18	18	35	39	36	34	29	24	23	28	14	-1	12	14	18	20	5	9	9	7	19	28	26	19	20.9
Stuttgart .....‡‡§§	Maximum	37	34	34	39	26	37	32	32	42	51	64	39	60	38	32	32	32	22	20	32	30	22	30	24	10	24	31	39	47	37	42	34.5
	Minimum	28	23	19	29	23	17	21	19	16	21	38	37	34	29	26	24	27	20	0	2	12	16	20	-1	7	7	-2	9	26	25	19	19.1
Subiaco...........	Maximum	38	33	35	36	35	28	27	28	35	38	53	50	43	..	..	..	..	..	22	32	30	25	33	30	22	28	31	46	45	44	50	35.3
	Minimum	25	19	22	24	22	20	23	10	14	33	36	32	33	..	..	..	..	..	-2	13	11	15	15	11	4	10	10	10	32	25	21	18.8
Texarkana	Maximum	65	52	45	40	41	35	33	39	42	57	72	65	60	62	52	59	65	55	27	39	38	30	40	36	29	33	42	52	59	52	52	47.4
	Minimum	30	27	25	31	31	22	26	16	22	37	50	43	39	28	25	24	29	25	2	16	17	22	15	13	14	12	15	26	28	32	25	24.7
Thornburg	Maximum	40	36	34	35	34	31	29	34	38	39	66	51	42	42	48	55	57	44	23	33	32	26	34	29	20	29	37	40	49	43	48	38 6
	Minimum	19	16	12	24	19	10	20	10	3	33	36	32	31	32	24	12	27	10	-5	10	9	14	15	9	6	2	-1	20	25	16	10	16.1
Turnpike..........	Maximum	28	28	27	34	28	24	19	33	28	33	50	48	40	39	43	47	50	39	19	29	29	23	30	25	18	23	21	41	44	35	44	32.9
	Minimum	15	7	15	19	5	10	12	7	15	25	30	24	24	16	19	26	27	-7	-12	-6	5	9	13	6	-3	5	4	20	27	14	19	12.6
Waldron	Maximum	..	37	..	..	..	..	28	34	41	41	66	58	..	50	48	..	61	50	32	23	28	22	33	29	21	..	..	..	..	..	53	....
	Minimum	..	19	..	..	..	..	22	4	10	35	39	32	..	24	21	.	17	10	12	-2	10	12	20	11	5	..	..	..	..	..	..	....
Warren	Maximum	48	39	40	37	36	38	33	35	45	48	65	63	54	62	49	55	61	50	19	37	35	30	34	35	30	32	34	46	65	55	47	43.8
	Minimum	28	23	20	29	26	17	30	18	18	37	46	38	32	28	25	23	29	15	1	11	16	18	21	10	7	12	16	26	40	34	22	23.1
White Rock	Maximum	35	30	25	30	26	22	20	28	27	35	52	47	39	40	44	46	48	40	18	27	25	21	29	21	14	22	30	38	44	36	41	32.3
	Minimum	18	7	16	19	9	14	14	8	17	25	33	26	25	14	19	28	30	-6	-14	5	1	9	12	3	-7	0	4	21	26	15	22	13.3
Wilson	Maximum	27	25	30	30	30	34	27	30	40	46	52	50	48	49	48	50	47	34	18	29	29	29	29	25	25	20	25	40	39	37	39	34.9
	Minimum	14	6	7	14	6	19	14	18	24	34	36	34	34	33	32	24	26	10	-5	8	5	9	16	10	2	-7	-1	16	23	17	22	16.1
Wynne	Maximum	34	29	32	39	35	32	34	34	42	44	55	55	45	57	47	54	51	46	23	55	33	35	34	30	29	25	31	40	45	42	44	39.6
	Minimum	22	15	13	25	14	13	23	15	12	34	34	35	32	27	22	24	25	15	-4	10	8	12	20	1	7	1	2	9	25	27	16	17.2

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January, 1940

[See precipitation data in table on preceding page]

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.064	.148	.054	.032	.053	*	*	*	*	.317	249	.070	.090	.180	.192	.171	.067	*	*	*	*	*	*	*	*	*	*	*	*	*	.648	2.335
	Mean tem.	40	33	32	30	33	24	26	26	28	38	54	50	48	36	38	40	44	23	14	20	25	20	26	24	18	21	24	30	42	36	33	31.6
	Wind move	62	40	26	48	52	67	54	72	9	20	38	67	48	132	76	30	59	58	101	59	40	29	19	62	51	45	36	19	30	50	41	1540
rons Fork,... §§ Exp. Forest	Evap.	*	*	*	*	*	*	*	*	*	*	.098	.028	.026	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.624
	Mean tem.	30	22	22	28	28	22	22	17	23	36	46	40	40	28	32	34	40	12	6	17	18	16	22	16	10	14	20	29	35	30	32	25.4
	Wind move	8	19	2	9	10	8	10	4	4	21	8	19	10	51	26	5	19	21	34	17	20	15	3	28	19	15	16	5	11	16	6	453
ussellville.... zark Nursery.	Evap.	.032	.068	.038	.014	.058	....	....	....	. .	....	.002	....	....	.100	.068	.028	.064	*	*	*	*	*	*	*	*	*	*	*	.448	.052	.030	1.294
	Mean tem.	32	27	28	30	30	26	27	24	24	34	44	42	42	34	35	38	41	32	12	24	22	21	26	27	15	20	20	36	40	40	35	29.8
	Wind move	50	56	21	27	59	73	69	25	20	4	0	13	41	153	42	20	35	82	105	85	69	30	38	97	95	62	38	11	34	32	9	1495
tuttgart, ...§§ ice Exp.Farm	Evap.	*	*	*	*	*	*	*	*	*	*	*	.214	.003	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.375	0.592
	Mean tem.	32	28	26	34	24	27	26	26	29	36	51	38	47	34	29	28	30	21	10	17	21	19	25	12	8	16	14	24	36	31	30	26.8
	Wind move	51	62	28	25	52	98	78	30	81	41	53	56	57	231	134	33	60	34	117	69	56	28	34	67	73	31	89	20	62	45	29	1924

Precipitation for January, 1940



Daily River Stages for January, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	..Arkansas	22	....	.. .	....	...	....	..	....	...	....	....	. ..	.. .		....	....	. .		....	..	..	....	.. .	....	....	....	....	....	..	....	....
Van Buren	.... do ...	22	2.7	2.6	2.6	2.6	2.6	2.6	2.2	2.2	2 2	2.2	2.6	2.7	2.7	3.0	2.8	2.6	2.7	2.6	2.4	2.4	2.2	2.2	2.2	2.4	2.4	2.4	2 3	2.4	2.4	2.4
Mulberry	..Mulberry.	..	1.5	1.5	1.4	1.4	1.4	1 3	1.4	1.3	1.3	1.3	1.3	1.4	1.9	2.0	1.9	1.8	1.8	1.7	1.6	1.7	1.6	1.5	1.4	1.4	2 0	1.3	1.3	1.3	1.3	1.3
Danville	.Petit Jean.	20	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2 8	2.8	2.8	2.7	2.7	2.7
Ozark	..Arkansas.	22	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-0.8	-0.8	-0 8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0 8	-0.8	-0.8	-0.0	-0 8	-0.8	-0.8
Dardanelle	......do	22	1.4	1.3	1.3	1.3	1.2	1.1	0.9	1.0	1.0	0.9	0.9	1.0	1 5	1.8	2.0	2.7	2.0	1.7	1.6	1.6	1.8	1.4	1.4	1.6	1.7	1.8	1.9	1.6	1.2	1.1
Morrilton	.... .do	20	-3 0	-3.2	-3.2	-3.2	-3.2	-3.3	-3 3	-3.6	-3.7	-3.6	-3.6	-3.6	-3.6	-3.0	-2.6	-2.4	-2.4	-2.5	-3.0	-3.2	-3.0	-2.9	-3.2	-3.0	-3.2	-3.3	-3.2	-3.2	-3.2	-3.3
Little Rock.	.... .do	23	-0 7	-0.8	-0.9	-0.9	-1.0	-1.0	-1.0	-1.3	-1.5	-1.4	-1.3	-1.3	-1.2	-1.2	-0.8	-0.6	-0.3	-0.3	-0.8	-0 8	-1.2	-1.2	-1.3	-1.4	-1.3	-1.2	-1.2	-1.2	-1.0	-0.9
Pine Bluff	......do .. .	25	2.9	2.9	2.9	2.8	2.7	2.7	2.5	2.5	2.4	2.3	2 2	2.2	2.3	2.4	2.6	2.7	2.9	3 2	2.9	2.6	2.4	2.3	2.2	2.2	2.2	2.3	2.3	2.4	2 5	2.7
Gilbert	..Buffalo...	30	3.1	3 1	3.1	3.1	3.1	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3 5	3.6	3.5	3.5	3.4	3.6	3.6	3.3	3.2	3.3	3.4	3.4	3.5	3.5	3.2	3.0
Doniphan, Mo.	..Current ..	10	2.2	2 2	2.2	2.2	2.2	2.2	2.2	2.2	2 2	2.2	2.3	2.3	2.3	2.3	2.3	2.5	2.6	2.7	2.7	2 7	2.6	2.6	2.6	2.6	2.6	2 7	2.6	2.6	2.6	2.6
Black Rock	...Black...	14	1.8	1.7	1.7	1.7	1 7	1.7	1.6	1.4	1.4	1.4	2.2	2 9	2.9	3.2	3.5	3.7	3.6	3.5	3 3	3.2	3.0	2.9	2.8	2.6	2.4	2.2	2.2	2.3	2.2	2.1
Heber Springs.	Little Red...	30	3.2	3.1	3.1	3.0	3.0	2.9	2 9	2.8	2.8	2.8	2.9	3.1	3.6	4.3	4.5	4.9	4.6	4.4	4.3	3.9	3 8	3.6	3.5	3.5	3.3	3.3	3.3	3.1	3.0	3.0
OzarkBeachMo	...White ...	30	-0.4	0.3	-0.4	-0.4	-0.4	-0.4	0 4	-0.4	0.0	-0.4	-0.4	-0.6	-0.6	0.7	-0.6	-0.6	-0.6	-0.6	-0.4	-0.5	0.6	0.5	0.8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Cotter	. .. .do	21	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	....	3.4	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Calico Rock	......do	18	0.3	0.3	0.0	0.3	0.2	0.5	0.2	..	0.3	0.4	0.2	0.6	1.0	1.2	1.5	1.7	1.7	1.5	.. .	....	....	0.9	1.0	0.8	....	...	....	.. .	0.5	0.4
Batesville	......do	23	5.0	4.8	4.9	4.8	4.8	5.0	5.0	5.0	4.8	4.9	5.2	5 3	5.5	5.8	6 1	6.3	6.5	6.6	6.1	5.6	5.4	4.8	5.2	5 3	5.4	5.2	4.9	5 2	5.4	5.6
Newport	......do	26	0.9	0.6	0.5	0 4	0.4	0.4	0.4	0.4	0.3	0 3	0.3	0.9	1.4	0.9	2.0	2.3	2.6	2.6	2 6	2.0	1.8	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Georgetown	......do	21	2.3	2.1	1 8	1.5	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.9	2.6	3.0	3.4	3.6	4.0	4.1	3.9	3 5	2 9	2.9	2.3	2.2	2.0	2.1	2.2	2.3
Des Arc	......do	24	5.7	5.7	5.4	5.2	5.0	4.8	4.6	4.6	4.4	4.2	4.2	4.2	4.2	4.6	5.1	6.1	6.7	7.1	7 3	7.6	7.7	7.7	7.0	6.5	6.2	6 0	5.9	5.9	5.9	5.9
Clarendon	......do	26	8.3	8.6	8.7	8.5	8.2	8.0	7.8	7.7	7.6	7.5	7.6	7.6	7.6	7.9	8.5	9.0	9.5	9.8	10 2	10.5	10.6	10 6	10.4	9.9	9.5	9.0	9.0	9.2	9.0	8.8
St. Charles	......do	25	8.4	8.7	8.9	8.8	8 7	8.5	8.3	8 2	8.1	8.0	8.0	8.0	8.0	8.0	8.4	8 8	9.2	9.6	10.0	10.3	10.5	10.6	10.5	10.5	9 8	9.5	9.1	9.0	8.9	9.1
Glenwood	....Caddo ..	..	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5 1	5.4	5.3	5.3	5.2	5.2	5 2	5.2	5.2	5.1	5 1	5 1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5 0
Arkadelphia	.**Ouachita**.	17	4.4	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.0	4.0	4.8	5.0	4.4	4.4	4.5	4 4	4.4	4.3	4.4	4.4	4.3	4.3	4.2	4.0	4.0	4.3	4.6	4.1	4.4	4.0
Boughton	Little Mo. ..	20	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.5	3.6	3.6	3 8	4.0	4.4	4.3	4.2	4.1	4.0	4.0	4.0	3.8	3.7	3 6	3.6	3.6	3.6	3.5	3.5
Camden	.**Ouachita** .	26	4 4	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.2	4.2	4 2	4.7	4.7	4 9	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0	4.1	4.2	4.4	4.3
Benton	**Saline**	20	4.4	4.4	4.4	4.1	4.0	3.9	4.2	4.1	4.1	4.2	4.4	4.4	5.0	5.1	5.0	4.9	5.0	4.9	4.7	4.7	4.5	4.5	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.2
Whitecliffs	**Little River**	25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1 0	3.9	3.9	4 0	4.0	3.5	3.5	3.0	3.0	3 0	3.0	3 0	3.0	3.0	3.0	2.0	1.9
Index	....**Red**.....	25	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5 7	5.7	5.7	5.7	5.7	5 7	5.7	5.8	5.8	6.0	6.0	6.0	5.9	5.8	5.7	5 7	5.6	5.5	5.4	5.5	5.6	5.6
Fulton	... ..do.....	25	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.1	3.8	4.2	4.4	4.5	4.6	4.3	4.0	3.6	3.4	3.6	3.6	3 5	3.3	3.2	3.1	3.0
Big Lake Outl't	**St. Francis**.	10	3.3	3.3	3.5	3.2	3.0	3.2	3.1	3.1	3.2	3.1	3.2	3.3	3.3	3.7	3.7	3 8	3.9	4.0	4.6	4.3	4 0	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.6
St. Francis...	.... do	18	4.7	4.3	4.1	4.2	3.9	3.8	3.8	3.7	3.7	3.6	4.9	5.0	5.4	6.4	7.3	8.2	8.7	10.3	10.9	10.6	10 5	10.4	9.4	8.6	8 0	7.5	7.1	6.9	6.5	6.1
St. Francis L.L.	......do	..	19.1	18.8	18.4	18.6	19.0	19.3	19.5	19.5	19.5	19.5	19.6	19.4	18.8	18.8	18.8	18.7	19.0	19.6	19.7	19.7	19.7	19.9	19 9	19.9	18.8	19.0	19.0	19.0	19.5	19.9
Marked Tree	......do .. .	17	3.6	3.8	3.8	2.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	2.5	3 8	4.0	4.0	4.0	2 0	0.9	0.8	0.8	0.8	0.8	0.8	0.4	5.9	5 0	5.0	5.0	2.3	1.2
Parkin	... ..do	28	1.5	2 4	3 4	3.6	3.2	2.1	1.5	1.4	1 3	1.4	1.5	1.5	2.2	4.0	4 1	4.1	4 0	3.5	2.3	1.9	1.7	1.8	1.3	1.6	1.6	2.6	4.2	4.3	4.8	3.7
Madison	.... do	82	0.9	0.6	1.0	1.6	1.9	1.6	1.0	0.5	0.4	0.4	0.7	0.8	0.9	1 8	2.4	2.6	2.5	2.3	1.8	1.1	0.9	0.8	0.8	0.7	0.6	0.7	0.5	2.2	2.6	2 6
Helena	**Mississippi**.	42	4.4	3.8	2.8	2.0	1.9	1.7	1.1	0.4	-0.3	-0.7	-0.4	0.4	1.1	1.6	1.8	1.8	1.5	1.2	1.7	2.2	3.0	3.8	4.6	4.9	4.8	4.7	4 3	5.0	3.4	2.7
Arkansas City	......do	42	3 0	3.1	2 9	2.4	1.7	1.4	1.1	0.8	0.3	-0.2	-0.8	-1.2	-0.8	0.0	0.5	0.7	0.9	0.8	0.6	0.8	1.2	1.5	2.0	2.7	3.0	2.9	2.8	2.4	1.8	0 3

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations havin
or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year per
for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †P
office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a,b,c, number of days missing

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation
corded is for the 24 hours ending at time of observation. [1] Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Preci
tation is measured in the morning; amount then recorded is for the preceding 24 hours ‡Precipitation measured with recording gage. *Included in the next measu
ment. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manil
Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5,Texarkana; Irons Fork, Irons F
Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Ca
Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; High Peak Mt., Norman, Mulberry, R 1, Mulber

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Th
mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office, Little Rock, Ark. 3-6-40-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLV   Little Rock, Ark., February, 1940   No. 2

Price: 25 Cents per ear (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

February temperatures, while still somewhat below normal, were considerably higher than those recorded during January. The mean for 70 stations was 41.9° which is 1.7° below the 50-year average. Monthly means ranged from 48.0° at Magnolia and Texarkana to 36.3° at Devils Knob, a difference of 11.7° between the Ozarks and southwestern sections of the State. Means were normal or below at all stations except Corning, Rogers and Russellville. Extremes ranged from 10° at Lead Hill on the 14th to 88° at Arkadelphia on the 29th. The lowest occurred in most localities about the 1st or the 14th and the highest generally on the 28th or 29th. All temperatures were well within the limits established by previous records. The greatest daily temperature range was 54°, from 70° to 16°, and occurred at Mountain Home on the 13th.

The average precipitation for 108 stations was 3.31 inches which is only 0.11 inch below the 50-year average. Monthly totals ranged from 0.84 inch at Mountain Home to 6.19 inches at Wynne. Of the stations for which normals have been computed 31 showed positive departures, 43 negative. The greatest 24-hour amount was 2.63 inches at St. Francis on the 8th. Snowfall ranged from 13.2 inches at Devils Knob to none in extreme southern counties, the average of 82 stations being 3.2 inches. Snow covered the ground several days in a few localities in the mountains while in southern counties most of it melted as it fell.

The weather the first half of the month was unfavorable for outdoor activities, but during the latter half more favorable conditions prevailed and considerable plowing and early planting was done. Orchards were pruned, sprayed and cultivated. The peach crop was not greatly reduced by the cold weather of January. The top soil is generally in good condition while the subsoil remains dry, especially in upland sections of the State. No destructive windstorms were reported. All streams continued at low stages.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
entonville	30.08	30.55	2	29.56	11	8 1	22	sw.	11	..	..	..	38
ort Smith	30.04	30.54	2	29.68	11	9 6	25	sw.	11	80	68	63	23
ittle Rock	30.03	30.56	3	29.59	27	9.5	27	sw.	27	89	67	69	34
emphis	30.02	30.55	2	29.50	18	8.6	25	w.	27	87	70	72	73

Miscellaneous Phenomena

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	1	7	12	3	3	1	2		.	.	.	.	.	.	1	1	.	.	.	.	.	6	.	.	2	.	.	.	.
Light Hail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		.	.		.	.	.	.
Moderate Hail	.	.	.	.	.		.	.	.		.	.	.		.	.		.	.	.		.	.	.		.	.		.	.	.
Thunderstorm	.	.	.	.	.	.	.	5	1	.	.	.	3	.	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.5	80	6	2 92	....	8	10	9	9
1892	49.0	78	18	3 47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	8.30	0.5	6	15	8	8
1897	46.6	89	7	2.59	0 7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2.7	6	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	8.2	5	9	8	11
1903	41.0	79	−12	7.63	2 7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.8	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	8	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	5	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4 31	0.3	9	9	8	11
1912	37.9	78	− 7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1 93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3 34	2 5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47 8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1 9	8	11	4	13
1924	42 9	82	− 7	2.26	0.4	7	12	4	13
1925	49 3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35 4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3 92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	11
1932	52.0	86	9	4 72	T.	9	13	5	11
1933	41.5	82	−13	3 53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44.2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	3.56	3.2	12	10	5	13
1940	41.9	88	10	3.31	3.2	10	7	5	17
Period	43 6	93	−29	3.42	1.8	7	11	6	11

Climatological Data for February, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observers
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	42.4	....	74	28	20	14	41	3.06	....	0.95	1.0	9	4	10	15	e.	L. R. Water Works
Amity	Clark	500	45	....	....	....	....	....	....	....	....	....	....	....	..	..	..	..	....	J. W. Campbell
Arkadelphia	Clark	200	45	42.2	....	88	29	16	1	49	4.07	+0.46	1.06	1.8	12	8	7	14	nw.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	56	....	....	....	....	....	....	....	5.01	+0.69	1.56	0.0	7	7	3	19	....	Herbert Neff
Batesville Airway	Independence	363	4	40 8	0.0	75	28	20	3	43	2.75	....	1.04	T	13	7	7	15	nw.	Airway Observer
Batesville	Independence	277	41	....	....	....	....	....	....	....	2.74	−0.70	1.32	0.4	13	8	2	19	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	42.2	− 0.6	70	28§	23	14	36	1.83	−1.21	0.60	4.0	6	6	10	13	w.	J. E. Scanlan
Benton	Saline	285	5	39.8	....	30	28	12	2	48	3.55	....	0.82	1.7	12	6	4	19	nw.	S. A. Burks
Bentonville	Benton	1295	35	37.8	− 1.9	72	29	16	25	35	1.27	−0.97	0 66	5.0	10	6	5	18	s.	U. S. Weather Burea
Bethesda	Independence	..	1	...	....	....	....	....	....	....	2.43	....	1.62	T.	7	..	..	..	....	Soil Conservation Se
Big Lake Outlet †	Mississippi	239	10	.	....	....	....	....	....	....	5.68	....	1.70	3.5	13	7	1	21	....	C. J. Brooks
Black Rock	Lawrence	259	39	....	....	....	....	....	....	....	1 94	−1.31	0.88	0.3	11	11	2	16	n.	Vernon C. Howe
Blytheville	Mississippi	252	15	39 4	− 5 8	66	29	20	3§	37	5.69	+2.91	1.97	6.2	12	7	2	20	n.	Samuel Norris
Booneville	Logan	465	26	42.8	− 3.4	78	29	17	14	45	2.04	−0.56	0.69	1.5	8	6	7	16	w.	F. H. Randolph
Boughton †	Clark	235	5	....	....	....	....	....	....	....	4.12	....	0.98	0.6	13	7	1	21	....	Harry J. Buie
Brinkley	Monroe	205	49	40.4	− 3.8	72	28	19	1	37	4.79	+0.59	1.15	4.0	10	7	3	19	se.	R. J Torry
Calico Rock	Izard	361	36	....	....	....	....	....	....	....	1.71	−1.05	0 85	0.3	11	5	5	19	....	William Jones
Camden	Ouachita	116	55	41.0	− 6.2	82	28	18	1	44	8.49	−0.36	0.68	1.0	14	9	0	20	s.	J M Knight
Clarendon	Monroe	172	36	....	....	....	....	....	....	....	3.73	−0.19	1.52	1.5	14	4	4	21	ne.	R. M. Wheatley
Clinton	Van Buren	516	19	....	....	....	....	....	....	....	1.81	−1.16	0.65	1.1	8	8	5	16	n.	A L. Stephens
Conway	Faulkner	309	57	43.4	− 1.0	78	28	20	14	46	3.18	−0.28	0.93	2.5	11	10	4	15	w.	E. E. Cordrey
Corning	Clay	293	47	40 5	+ 0.5	66	9	20	3	32	3 65	+0.30	2.05	1.0	10	9	4	16	nw	Winfred D. Polk
Cotter	Baxter	440	13	....	....	....	....	....	....	....	1.62	−1.03	0.78	1.1	8	8	2	19	....	O. B. McSpadden
Crossett	Ashley	175	28	46.0	− 3 4	84	28	13	14	47	5.64	+1.90	1.37	0.0	9	9	6	14	n.	U. S. Forest Service
Danville	Yell	327	24	....	....	....	....	....	....	....	3 73	+0.95	1.27	3.8	12	5	8	16	....	J. M. Patterson
Dardanelle	Yell	330	54	43.5	− 1.3	77	28	22	14	43	1.46	−1.42	0.48	2.0	7	4	9	16	n.	Geo. N. Goodier
De Queen	Sevier	426	5	45.4	....	82	28	19	14	44	2.25	..	0.56	1.2	11	8	2	19	ne.	E. B. Smith
Des Arc	Prairie	204	2		....	..	....	....	....	....	4.57	....	1.56	6 0	8	4	4	21	....	Z. R. Glenn
Devils Knob †	Johnson	2350	4	36 3	....	70	28	14	25	28	2.30	....	0.50	13.2	12	8	3	18	se.	U. S. Forest Service
Dumas	Desha	162	35	41.7	− 4.3	81	28	21	1	41	5.14	+0.53	1.46	0.8	13	5	9	15	n.	Ben Johnson
El Dorado	Union	270	40	47.6	− 1.4	84	28	25	1	39	3.71	+0.11	1.06	0.0	10	7	8	14	w.	Mrs. E. W .Gaston
England	Lonoke	229	34	43.3^{a}	− 3.5	84^{a}	29	24^{a}	1§	45^{h}	5.34	+1.54	1.20	T.	11	5	12	12	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	39.1	− 2.1	76	29	14	25	32	2.19	−0.27	0.60	9.5	13	11	4	14	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	3	39 6	....	72	29	16	14	38	1.80	....	0.60	5.0	11	4	9	16	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	39.4	− 1.0	71	29	18	14§	37	1.57	−0.63	0.60	0.9	12	9	6	14	s.	University of Arkansa
Fordyce	Dallas	275	12	....	....	..	..	..	..	..	...	....	...	....	..	..	..	..	....	Miss Mercille McMurr
Fort Smith	Sebastain	448	59	41.8	− 1.0	75	28	23	14	42	1.89	−0.75	0.83	1.5	9	6	5	18	e.	U. S. Weather Burea
Ft. Smith Wtr. P. †	Crawford	...	3	..	....	....	....	....	....	....	1.46	....	0.89	0.4	5	8	2	19	....	T. J. Wylie
Fulton	Hempstead	260	55	..	....	....	....	....	....	....	2.71	−0.72	0.74	T.	8	8	5	16	....	T. J. Logan
Georgetown	Woodruff	200	28	..	....	....	....	....	....	....	4.72	+1.04	1.45	3.0	11	7	0	22	....	C. G. Long
Gilbert	Searcy	600	15	37 4	....	76	28	11	14	53	2.05	−0.18	1 04	2.5	11	9	0	20	....	F. E. King
Glenwood	Pike	547	5	....	....	....	....	....	....	....	3.59	....	0.76	0.8	12	8	3	18	....	C. A. Price
Grannis	Polk	950	21	43.6	− 2.0	81	28	18	14	41	2.47	−1.79	0 74	2.0	12	10	5	14	s.	W. E. McVay
Gravette	Benton	1250	43	36 8	− 2 3	68	11	14	14	46	1.95	+0.06	0.50	4.5	7	7	6	16	n.	Max W. Schmidt
Hankins †	Drew	....	3	....	....	....	....	....	....	....	4.49	....	1.21	....	12	..	..	..	....	Soil Conservation Se
Harrison	Boone	1052	40	38.2	− 0.8	70	29	15	14	39	2.13	−0.37	0.85	6.0	11	5	6	18	ne.	Louis R. Keck
Heber Spgs. (near)	Cleburne	....	11	....	....	....	....	....	....	....	3.21	....	1.24	1.1	13	7	6	16	....	Lester B. Logan
Helena	Phillips	300	68	42.0	− 3.1	74	28	21	3§	40	4.57	+0.68	1.50	T.	16	5	6	18	nw	James A. Burnett
Higden	Cleburne	445	21	...	....	....	....	....	....	....	2.14	−0.54	0.87	4.5	12	7	7	15	s.	Austin E. Cartwright
Highland	Pike	491	21	44.6	....	81	28	22	14	38	3.43	+0.06	0.90	0.8	11	6	7	16	ne.	J. O. Cooley
Hope ‡‡	Hempstead	375	70	43.1	− 5.3	79	28	21	14§	42	4.10	+0.28	1.05	T.	10	5	11	13	nw.	Experiment Farm
Hot Springs	Garland	600	49	43.4	− 3.6	78	28	20	3	39	3.59	+0.08	0.90	T	8	7	10	12	s.	National Park Servic
Index †	Little River	275	23	....	....	....	....	....	....	....	2.17	−0 64	0.62	0.0	6	12	0	17	....	W. E. McDowell
Irons Fork †‡‡	Polk	....	2	37.7	....	77	28	14	14	46	3.22	....	1.08	4.8	12	7	9	13	sw.	U. S. Forest Service
Jessieville	Garland	750	14	....	....	....	....	....	....	....	3.68	+0.72	1 04	0.0	10	3	9	17	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	40.0	− 2 4	69	28	22	1§	37	4.81	+1.17	1.62	7.0	13	5	5	19	nw.	Benedictine Sisters
Lead Hill	Boone	650	34	36.6	− 1.8	66	11§	10	14	49	1.83	−0.41	0.70	3.0	10	6	8	15	n.	J. H Crosswhite
LITTLE ROCK	Pulaski	324	61	42.5	− 2.4	76	28	25	14	35	3.21	−0.79	0.78	3.0	13	7	6	16	nw.	U. S. Weather Burea
Little Rock Airway	Pulaski	257	4	41.7	....	78	28	20	1	42	4.43	....	1.06	2.6	14	7	6	16	nw.	W. B. Airport Statio
Lutherville †	Johnson	775	42	41.1	− 1.3	76	28	19	14	40	2.55	−0.53	0.67	8.3	10	8	6	15	ne.	H. G. Lenhardt
Madison	St. Francis	209	10	....	....	....	....	....	....	....	5.10	....	1.80	3.0	..	4	1	24	....	J. W. Eppes
Magnolia	Columbia	315	24	48 0	− 3 4	83	28	25	1§	37	2.66	−1.13	0.66	0.0	6	6	10	13	s.	State Agri. School
Mammoth Spring.	Fulton	600	36	38.6	− 1.7	69	28	15	3	46	1.51	−1.45	0.43	4.0	10	7	7	15	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	42.4^{c}	− 3.4	73^{c}	28	19^{c}	1	37^{c}	3.47	−0.47	1 00	3.0	9	5^{c}	7^{c}	14^{c}	n.	C. N. Houck
Marked Tree	Poinsett	229	36	37.6	− 6.0	65	28	17	1	37	5.91	+2.09	1.84	7.0	11	6	8	15	n.	Charles Walton
Mena	Polk	1207	52	43 2	− 1.0	79	28§	20	14	41	2.59	−0.73	0.52	2.5	11	10	3	16	n.	E. W. St. John
Monticello Airway	Drew	273	4	45.2	....	81	28	22	14	38	4.14	....	1.58	0.0	13	3	8	18	nw.	Airway Observer
Monticello †	Drew	273	5	....	....	....	....	....	....	....	3.79	....	1.33	....	11	..	..	..	....	Soil Conservation Se
Montongo †	Drew	....	5	....	....	....	....	....	....	....	4.59	....	1.10	....	12	..	..	..	....	Soil Conservation Se
Morrilton	Conway	315	21	40.3	− 5.1	75	28	20	1	41	2.47	−0.27	1.17	1.4	10	5	15	9	nw.	Mrs. Nova Berry
Mountainburg	Crawford	2010	3	....	....	....	....	....	....	....	1.81	..	0.89	T.	4	10	7	12	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	39.4	− 2.9	73	28	16	13§	54	0.84	−1.91	0 25	6.5	6	8^{b}	0^{b}	19^{b}	n.	H. N. Halbert
Mountain Valley	Garland	273	3	....	....	....	....	....	....	....	3.12	....	0.92	1.2	12	10	1	18	sw.	J. G. Scott
Mount Ida	Montgomery	702	41	43.2	− 2.4	81	28	15	14	51	3.60	+0 06	1.05	4.5	9	10	2	17	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	....	1	....	....	....	....	....	....	....	3 37	....	0.97	1.5	11	11	5	13	w.	U. S. Forest Service
Mulberry †	Franklin	....	2	....	....	....	....	....	..	....	1.58	....	0.72	0.2	5	6	2	21	....	J. L. Battles
Nashville	Howard	350	2	45.4	....	81	28	25	7	40	2.22	....	0.64	0.8	11	11	4	14	e.	H. B. Carruth
Newport	Jackson	231	57	41.0	− 1.0	75	28	19	3	45	3 85	+0.61	1.88	3.6	14	8	5	16	s.	J. D. Henderson
Oden	Montgomery	800	13	42.4	....	80	29	45	12	45	2.86	....	0.87	2.5	9	6	5	15	sw.	U. S. Forest Service
Okay	Howard	288	12	47.4	....	82	28§	18	14	45	2.68	....	0.82	0.5	12	10	4	15	ne.	Charles R. Jackson
Osceola	Mississippi	250	40	....	....	....	....	....	....	....	5.21	....	1.52	6.0	13	4	9	16	....	G. H. Banks
Ozark	Franklin	396	45	42.4	− 1.0	77	28	20	14	45	1.78	−0.59	0.80	0.2	7	6	2	21	e.	Orkney O. Milton
Paragould	Greene	275	17	39.0	....	63	28	20	3	31	4.73	+1.00	1.12	8.0	11	7	6	16	sw.	J. E. Garrett
Parkin	Cross	222	10	..	....	....	....	....	....	....	4.87	....	1.67	2.8	8	6	4	19	....	Carroll King
Pine Bluff	Jefferson	215	53	45.2	− 1.3	81	28	23	1§	40	3.92	+0.01	1.03	2.9	13	7	6	16	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	16	....	....	....	....	....	....	....	2 83	−0.71	1.23	3 0	5	7	8	14	w.	J R. Huddleston
Plantersville †	Drew	....	3	....	....	....	....	....	....	....	3.97	....	1.15	....	12	..	..	..	....	Soil Conservation Se
Pocahontas	Randolph	300	47	39.6	− 2.0	70	28	17	3	40	2.45	−0.89	0.82	1.5	10	7	6	16	ne.	Benedictine Sisters
Portland	Ashley	122	34	44.8	− 4.9	82	28	21	1	42	4.53	+0 36	1.08	0.0	11	6	5	18	sw.	W E. Edmiston
Prescott	Nevada	318	52	46.6	− 0.8	80	28	23	14	40	3.76	+0.06	0.87	0.6	12	9	2	18	w.	Craig Williams
Rock Springs †	Drew	....	5	....	....	....	....	....	....	....	4.29	....	1.05	....	12	..	..	..	....	Soil Conservation Se
Rogers (near) †	Benton	1300	50	44.0	+ 0.5	74	29	15	14	41	1.54	−0.33	0.51	5.7	11	8	5	16	n.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6	..	....	....	....	....	....	....	3.01	....	1.80	8.0	8	6	7	16	n.	G. A. Maddox
Ross †	Drew	....	3	....	....	....	....	....	....	....	4.11	....	1.10	....	11	..	..	..	....	Soil Conservation Se
Russellville	Pope	526	28	43.6	+ 3.7	77	28§	22	1§	44	2.70	−0.58	0.82	4.0	13	11	0	18	e.	U. S. Forest Service
St. Charles	Arkansas	175	7	42.0	....	71	27§	18	1	39	4.35	....	1.60	1.4	13	9	7	13	s,	U.S. Biological Surv
St. Francis	Clay	290	13	...	....	....	....	....	....	....	5.76	+2 33	2.63	2.2	12	7	2	20	....	A Boyce Boyd, Jr.
Searcy	White	245	30	41 8	− 3 3	77	28	21	1	43	3 77	+0 44	1.25	2.0	15	8	0	21	nw.	Walter A. Smith
Springbank †	Miller	240	31	....	....	..	....	....	....	....	3.57	+0.17	0.60	0.2	11	8	3	18	....	Henry Field
Story	Montgomery	650	16	....	....	....	....	....	....	....	3.09	−0.37	0.87	2.0	8	11	2	16	n.	S. C. Story
Stuttgart	Arkansas	214	53	43.2	− 2.0	78	28	22	1	36	4.22	+0.24	1.34	0.8	11	11	5	13	nw.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	5	41.4	....	75	28	20	1	38	4.58	....	1.55	4.0	13	..	..	..	....	Rice Experiment Sta

Climatological Data for February, 1940 (continued)

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	43.3	−0.5	74	28	22	14	43	2.69	−0.16	1.05	3.0	8	9	4	16	e.	**New Subiaco Abbey**
Texarkana	Miller	332	55	48.0	−0.4	82	28†	25	14	36	2.92	−0.46	1.00	T.	6	10	2	17	n.	**H. S. Brashear**
Thornburg	Perry	650	20	40.8	−3.6	77	28	15	1	43	3.02	−0.40	1.01	2.5	12	6	5	18	n.	Edward E. Holmes
Turnpike †	Pope	2240	16	36.7		72	23	13	25	34	2.24	−0.78	0.61	10.7	10	5	6	18	nw.	U. S. Forest Service
Underwood †	Drew		3																	Soil Conservation Ser.
Waldron	Scott	675	21	44.8		79	29	18	14	48	2.90	−0.65	1.11	5.0	6	6^{h}	6^{h}	9^{h}	nw.	Wilson Ferguson
Warren	Bradley	206	46	45.1	−2.1	78	29	21	1	39	2.85	−1.45	0.75	1.0	7	4	2	23	nw.	C. N. Turner
Whitecliffs	Little River	290	34								1.48	−1.67	0.62	T.	6	13	1	15		L. M. Snead
White Rock †	Franklin	2285	4																nw.	U. S. Forest Service
Wilson	Mississippi	237	15	39.6	−5.6	62	29	18	14	32	5.02	+1.87	1.42	6.0	12	8	4	17	s.	D. O. Anderson
Wynne	Cross	167	32	42.2	−2.1	72	28	19	3	41	6.19	+2.51	1.87	7.0	10	7	7	15	s.	B. M. Eddins
State Means				41.9	−1.7	88	29	10	14	54	3.31	−0.11	2.63	3.2	10	7	5	17	nw.	

Daily Precipitation for February, 1940

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.†	Ouachita		.03	.11	T.	T.	.95		T.	.09	.13			.48		T.			.66	T.	.32				.29								3.06
Amity	Ouachita																																
Arkadelphia[2]	Ouachita				.13	T.	1.06	T.		.48	.52	T.		.12	.14		.04	.60	.61	.03					.33			.01					4.07
Arkansas City[2]	Mississippi				.70		.30			1.56	.70			T.			T.	.36	.93						T.	.46			T.				5.01
Batesville Airway	White			.02	T.	.01	.34			.04	.15			.29			T	1.04	.42	.07	.04	.01			.25			.07					2.75
Batesville River[2]	White				T.		.32				.13	T.		.14	.11		.02	.18	1.32	.11	.10	.02	.02		.25			T.	.02				2.74
Bee Branch	Arkansas			T.			.03			T.	.20			.30				.60	.50			T.			.20			T.					1.83
Benton[2]	Saline			T.	.04		.80			.14	.48	.02		.42			32	.19	.82	.08	T.				.22	.02		T.					3.55
Bentonville[1]‡	Arkansas		.03	.13	.02	.01	T.			T.			T.	.01			T.	.63	.14	.08	T.			.19	.03			T.					1.27
Bethesda	White					.24					.05			.16				1.62	.10	.06					.20								2.43
Big Lake Outlet †[2]	St. Francis				T.		.89	.02		.35	.60	.32		.91	.35			T.	1.70	.10	25	T.	.03		.09				.07				5.68
Black Rock[2]	White						.16			.06	.10			.12	.10			T.	.88	.20		.07	.03		.15			.07					1.94
Blytheville[2]	St Francis						.97	.22		.21	.42	.12		1.07	.35			.05	1.97	.02	.27		T.						.02				5.69
Booneville	Arkansas			.38		.02	.27			T.	.15			T.			T.	.69	.28	T	.01				24								2.04
Boughton †[2]	Ouachita				.36	.01	.98			.31	.50			.11			.05	.33	.58	.11					.76	.01		.01					4.12
Brinkley	White				.25		87			.49	.66			.23				1.15	.86	.03	.07	T.			.18			T.					4.79
Calico Rock[2]	White				.08		.10					.04			.05			.05	.85	.20	.12				.15			.03	.04				1.71
Camden[2]	Ouachita				.26	.02	.68	.03		46	.33				.10		.02	.40	.60	.14	.01				.30	.14							3.49
Clarendon[2]	White				.03	T.	.68	.04		.45	.36	.01		.07	.08			.16	1.52	.10	04	T.			.18	.01			T.				3.73
Clinton	White			.05		.33					.12						.02	65	.39	.01	T.			T	.24								1.81
Conway	Arkansas		.07				.28			.06	23			.52			.04	.93	.56	.08	.05				.35								3.18
Corning[2]	White						.29			.25	.55			T.	.09				2.05	.10	.10				.12			.08	.02				3.65
Cotter[2]	White				05						.14			T	.10			T.	.78	.25	10	.05			.15								1.62
Crossett [near]	Ouachita				74	.62	.45			1.37	.43						15	.61	.55						.72								5.64
Danville[2]	Arkansas		T.	03	.27	.02	.53				.50			.11	.17		T	.36	1.27	.11	.06				.30								3.73
Dardanelle[2]	Arkansas				.19		.48				.42			.09	.11			.07		.10													1.46
De Queen	Red		.02	.35	.10	.01	56			.32	.11			.03		T.		.37	.06						.32								2.25
Des Arc[2]	White					.64	T		60		.60		.58					30	1.56	.09	T.	T			.20								4.57
Devils Knob †	Arkansas		.15	.17	.05	.10	50			T.	.30			.02			.11	.40	24						.19				07				2.30
Dumas	Mississippi		T.		40	.12	.40			1.45	.35			.14		.02	.02	1.35	.46	.03	.01				.38								5.14
El Dorado[2]	Ouachita				.42		.45			1.06	.20						02	.45	.60	.13					.35	03							3.71
England	Arkansas				.03	.03	1.20			.55	.52			.75				.80	.52	.70					.22				.02				5.34
Eureka Springs	White		.02	.16	.16	.03								.08				.50	.60	.10	.11	.05		.10	.20			08					2.19
Fayetteville	White		.08	.32	.01	.05	.04			T.	T.			.02			T.	.60	.45	.05	.03	T		T.	.15			T.					1.80
Fayetteville Exp. S	White		.08	.19	.04	.03	T.			T.	T.			.02			.01	.60	.36	.02	.04	T.		.02	.16			T.					1.57
Fordyce	Ouachita																																
Fort Smith[1]‡	Arkansas		.01	.25	.02	08				T	13			T.			T	.83	.16	T.	T			.27	.14			T.					1.89
Fort Smith W. †[2]	Arkansas				.05		.31				T.				T.			.02	.89	T.	T				.19								1.46
Fulton[2]	Red		T.		.36		.74	T.		.30	.35			T			T.	30	.18	.02					.46								2.71
Georgetown[2]	White						60	.12		.60	.30			.55	.40			.20	1.45	.05	.05				.40				T.				4.72
Gilbert[2]	White				.08		.16				.21			.12	.02			.04	1.94	.13	.06	.03			.16								2.05
Glenwood[2]	Ouachita				.18	.03	.63				.18			19	.08		.05	.58	.76	.11					.74			.06					3.59
Grannis	Red		.06	.25	.10	.03	.74			.23	.13			05		.03	T.	.61	.08					T.	.16		T.	T.					2.47
Gravette[2]	Arkansas		.05	.30	.40	T.	T.			T.				T.				.30	.50				.20		.20								1.95
Green Mountain †	White																																
Hankins †‡	Ouachita			.04	.36	.14	.16		1.21	.38	.20					.20	.20	1.00	.20						.40								4.19
Harrison	White			.20			.02				.05			.07			.02	.85	.57	.15	.05	.03						.12					2.13
Heber Springs	White				.02	.20					.17			22	.08			.17	1.24	.01	.03	.03			.20			.03	.81				3.21
Helena[2]	Mississippi				.09	.02	.75	.04		1.04	.50	.01		.02	06			.18	1.50	.05	.02	T.			.20	.07			.02				4.57
Higden	White		T.	.04	.01		27			T.	.26			.25			T.	.87	.03	.16	.01	.01		T.	.22			.01					2.14
Highland	Ouachita			.27	.90		.56			.12	.06			.15		.04		.64	.16						.49			.04					3.43
Hope ‡‡[2]	Red				.55	.04	1.05			.40	.44			.05				.34	.36	.07					.86								4.10
Hot Springs	Ouachita		T.	T	T.	T.	.90		T.	.24	.08			.66		T.	.08	.76	.47	T.					.40			T.					3.59
Index †[2]	Red		T.			.10	62	T.			35							.50	.20						.40								2.17
Irons Fork †‡‡[2]	Ouachita		.02	.12	.24	.08	.53				.34			.07	T.		.02	.42	1.08	.02	T				.28								3.22
Jessieville	Ouachita			.20		1.04				T.	[illegible]			.52		.05	.10	.65	75	.02					.29								3.68
Jonesboro[2]	White				T.	T.	.41	.03	T	.24	.84	.33		63	.21		T	T.	1.62	.14	.17	T	.02		.13				.04				4.81
Lead Hill	White			.14		T.					.05			.04			T	.55	70	.12	.02	.01		T.	.15			.05					1.83
Little Rock[1]‡	Arkansas		T.	02	T.	.21	.29		.35	.22	.19		.25	.48		T.	.02	.59	.28	.01	T.	T.		T.	.30			T.					3.21
LittleRock Air'y.[1]	Arkansas		T.	.04	T.	.15	.34		.52	.27	.33		.46	.62		T.	.03	1.06	.23	.02	T.	T.		T.	.35			.01					4.43
Lutherville †	Arkansas		.05		.67					.12	[illegible]			.09			.11	.60	.16	.20				T.	.15								2.55
Madison[2]	St. Francis				T.		.80	T.		65	.50		25	.15	.10			.27	1.80	.10	.20	T.	T.	*	.23				.05				5.10
Magnolia	Red				.25		33			.66								.60	55						.27								2.66
Mammoth Spg[2]	White				T.		T.				T.	.03		.03	.20				.43	.40	.05	T.	.05		.20			.04	.08				1.51
Marianna	St. Francis					.05	.60			48	.35			.25				1.00	.45		.05	T.			.24								3.47
Marked Tree[2]	St. Francis						.87	.03		.28		1.84		.55	.33			.10	1.62	.05	.13		T.		.11								5.90
Mena[2]	Ouachita		.02	.03	.39	.04	.52	T.			.29			T			T.	.40	.48	.02	.01				.39								2.59
Monticello Airway	Ouachita		T.		.30	.07	.34			1.58	.18			.08		.02	.02	.63	47	.01	T.				.41			.03					4.14
Monticello(near. †‡	Ouachita			.10	.12	.14	.11		1.33	.41	.10						.11	.96	.16						.25								3.79
Montongo †	Ouachita			.03	.27	.22	.22		1.10	.46	.30					.20	.04	1.03	.22						.50								4.59
Morrilton[2]	Arkansas		T	T.	.08		.28			T.	.14			.15	.11		T.	.16	1.17	.04	.02				.32								2.47
Mountainburg	Arkansas			T.	T.	.28	.44											.89	T.	T				.20	T.								1.81
Mountain Home	White			.05		T.							.03				.18	.25	.08					.25									0.84
Mountain Valley	Ouachita		T.	.06	T.	.04	.67		T.	05	.09		T	.42			.08	.92	.53	.03	T.				.21			.02					3.12
Mount Ida	Ouachita			.10		.05	.72			.25	.29			.33					1.05	.42					.39								3.60
Mount Ida CCC	Ouachita		T.	.02	.08	T	.66			.25	.23		.21	.15		T	.03	.97	.37						.40			T.					3.57
Mulberry †[2]	Arkansas		T	T	.33		.37				.02							T.	.72						.14								1.58
Nashville	Red			.18	.05	01	.50		T.	.21	.03			.05		.07	T.	.33	.15						.64								2.22
Newport[2]	White							.02		.04	.44	.10		.56	.19			.09	1.88	.09	.13		.02		.26			.02	.01				3.85
Oden	Ouachita			.05	.04	16	.64			.10	.20			.10			.03	87	.22						.45								2.86
Okay	Red		.26	T.	.04	.01	.62		.02	.16	.16			.12		.02	T.	.26	.19					T.	.82								2.68
Osceola[2]	Mississippi				T.	T.	.79	.01		.47	.50	.38		.62	.48			T.	1.52	.04	.33	T.	.02		.02				.03				5.21

Daily precipitation for February, 1940 [continued]

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Ozark[2]	Arkansas		T.	T.	.27	.05	.30				02				T.			22	.80	T	T	T.			.12								1.78
Paragould	St. Francis			T			.49			.22	.91			.51				1.12	1.11	.11	.07	.01			.12			06					4.73
Parkin[2]	St. Francis						1.15			.31	.66			.65		T.		.10	1.67		.13	T.			.20								4.87
Pine Bluff[2]	Arkansas				.13	T.	.49	T		.54	.64	.01		.02	.12		T.	.61	1.03	.01	.02				.29	T.		.01					3.92
Pine Ridge[2]	Ouachita			.81						.42				.06				1.23	T.		T.				.31								2.83
Plantersville †‡	Ouachita			.04	.31	.17	.13		1.15	.29	.17					.14	.17	.85	.15						.40								3.97
Pocahontas	White						.15			.03	.05			.21				.71	.82	.12	.04				.20			.12					2.45
Portland[2]	Ouachita				.31	.30	.86			1.08	.31			.04			.06	.16	1.01	.05				T.		.35							4.53
Prescott[2]	Ouachita				.26		.87			.40	.55	T.		.02	.03		.06	.39	36	.09					.71	.02							3.76
Rock Springs †	Ouachita			.03	.26	.19	.19		1.05	.45	.26					.15	.12	.93	.20						.46								4.29
Rogers (near) †	White		.07	.17	.11	.04						T.		.01				.51	.33	.05	.04			.03	.18								1.54
Rosebud †	Arkansas			.05		.28					.22			28				1.80				.05		.28				.05					3.01
Ross †‡	Ouachita				.30	.20	.15		1.10	.41	.20					.10	.04	.98	.18						.45								4.11
Russellville ‡	Arkansas			.16	.05	.01	.47			.16	.24			.11			.08	.82		.36	.02		.01		.21								2.70
St. Charles[2]	White		T.				.70	.04	.02	.60	.26	.05	T.	.30	.12	T.		.40	1.60	.05	.05	T			.16	T	T.	T					4.35
St. Francis[2]	St. Francis						.58	T.		.17	.92			.31	22				2.63	.20	.26	.04	.13		.20			.10	T				5.76
Searcy	White				.04		.43	T.		.12	.36	.01		.74	.26			14	1.25	.02	.04	.03			.28	.01		T.	.04				3.77
Spring Bank †[2]	Red		T.	T.	40	T	.60	.15		.26	.50				T.		.18	.50	.42	.07					.47	.02							3.57
Story[2]	Ouachita				.16		.87			.37	.27	T.			.12			.47	.67						.16								3.09
Stuttgart[2]	Arkansas				.06		.83	.04		.51	.41			.25	.16			.31	1.34	.10					.21								4.22
Stuttgart ‡‡[2]	Arkansas		T		.08	T.	.68	.03		.67	.59			.14	.19		T.	.35	1.55	.05	04				.20	.01							4.58
Subiaco	Arkansas			.11	.11	T.	.26			T.	.28			T.			T.	1.05	.62	.01	T.				.25								2.69
Texarkana[2]	Red						1.00			.50	.10							.62	.30						.40								2.92
Thornburg	Arkansas		T.	T	.07	.02	.43			.06	.09			.49			.11	1.01	.54	.01	.02				.17								3.02
Turnpike †	Arkansas		.09	.15			.29			.01	.59			.03			T.	.31	.61	.07		T.						.09					2.24
Underwood †‡	Ouachita																																...
Waldron	Arkansas			.81		.32				.27								1.11		.04					35								2.90
Warren	Ouachita						.61			.17							75	.72	.40	.05					.15		T.						2.85
Whitecliffs[2]	Red			T.	T.	.10	.10				T.			.10			T	.30	.26	T.					.62	T.							1.48
White Rock †	Arkansas																																...
Wilson[2]	Mississippi						.70	.08		.35	.52	.30		*	.97				1 42	*	*	.32				.36							5.02
Wynne[2]	St. Francis						.93			.43	.75			1.33				.07	1.87	.14	.25				.2				.17				6.19

Daily temperatures for February, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	59	55	44	42	42	40	53	59	58	44	66	65	59	53	58	53	57	40	65	38	44	51	46	45	48	53	62	74	73			53.3
	Minimum	23	35	28	30	38	35	28	35	23	28	25	37	32	20	27	38	39	33	34	34	31	25	34	39	23	28	43	35	37			31.6
Arkadelphia §§	Maximum	59	47	47	45	46	44	52	66	42	52	70	64	46	54	50	59	45	41	43	43	49	57	51	52	51	59	73	81	88			54.3
	Minimum	16	20	30	30	34	36	26	26	38	28	23	35	39	20	23	37	40	34	32	35	32	23	27	37	26	26	28	37	39			30.2
Batesville	Maximum	56	43	37	52	42	40	47	55	41	46	64	61	55	52	58	56	41	39	39	39	40	46	44	45	44	52	62	75	66			49.6
	Minimum	22	37	20	32	36	33	31	32	34	30	26	42	29	24	28	39	39	36	34	34	32	26	32	36	22	26	50	32	34			32.0
Bee Branch	Maximum	50	50	50	44	44	40	45	54	50	45	64	63	59	50	52	52	55	50	40	40	41	47	47	44	45	50	65	70	70			50.9
	Minimum	28	32	28	32	38	35	30	35	38	30	28	37	32	23	30	40	40	33	34	34	28	28	34	36	28	30	50	40	40			33.5
Benton §§	Maximum	58	47	36	45	44	42	55	63	41	50	69	62	40	53	54	57	44	40	42	41	49	52	46	50	46	59	69	80	74			52.0
	Minimum	14	12	23	27	34	33	29	29	39	29	22	27	37	17	17	30	38	34	33	34	33	20	21	34	24	22	22	32	32			27.5
Bentonville ***	Maximum	54	42	32	41	38	33	55	58	31	47	67	53	34	52	51	51	46	33	34	33	39	44	43	38	45	54	58	65	72			46.3
	Minimum	29	30	29	32	32	26	28	31	24	24	33	31	24	19	33	42	32	30	30	28	24	24	36	24	16	27	38	36	37			29.3
Blytheville	Maximum	38	39	41	41	43	40	38	58	51	38	58	58	50	45	51	57	47	41	38	40	40	44	46	45	40	55	58	64	66			47.2
	Minimum	27	25	20	35	35	33	31	31	37	32	21	44	32	20	28	39	38	36	35	34	34	28	29	28	23	26	41	35	42			31.7
Booneville	Maximum	58	52	43	40	43	43	60	63	52	49	70	66	57	60	50	53	51	42	40	40	48	52	48	45	47	59	61	76	78			53.3
	Minimum	25	37	28	29	37	32	27	42	31	25	25	38	32	17	35	39	40	32	33	33	27	24	39	36	23	31	49	33	41			32.4
Brinkley	Maximum	51	43	36	40	41	39	42	59	55	38	60	57	55	48	53	57	52	39	40	38	59	45	42	44	42	51	69	72	64			48.7
	Minimum	19	28	20	32	37	32	32	33	38	29	27	48	31	22	30	36	39	35	34	34	32	25	31	39	26	25	46	35	35			32 1
Camden	Maximum	60	59	44	49	49	46	55	69	66	47	69	69	62	54	54	60	50	45	45	46	52	53	53	54	50	60	78	82	79			57 4
	Minimum	18	30	28	32	43	37	32	42	36	30	26	42	34	21	31	41	42	34	35	37	34	24	37	46	28	26	56	38	40			34.5
Conway	Maximum	56	50	41	44	44	45	48	59	55	47	70	67	58	55	51	57	57	41	44	42	49	54	48	50	47	57	69	78	71			53.6
	Minimum	22	33	24	32	39	35	30	36	35	29	24	44	33	20	29	40	41	35	36	35	34	25	33	39	24	27	54	36	37			33.1
Corning	Maximum	53	45	37	45	42	41	37	55	66	42	57	63	58	49	52	57	52	39	38	40	40	44	45	44	46	52	60	65	61			49 1
	Minimum	23	33	20	32	36	33	31	30	40	31	28	38	32	23	29	40	37	35	34	34	35	26	30	36	21	27	49	33	32			31.9
Crossett	Maximum	62	57	49	49	49	48	55	67	60	46	70	70	66	55	49	60	49	48	43	44	51	57	57	55	51	62	80	84	80			57.7
	Minimum	17	27	24	36	44	38	36	35	43	33	23	44	38	13	32	40	43	37	33	56	35	20	35	46	34	23	53	39	41			34 4
Dardanelle	Maximum	56	53	44	41	45	45	50	61	58	48	69	62	59	55	55	55	53	42	43	41	47	51	49	50	46	57	63	77	75			53.4
	Minimum	23	37	28	30	38	36	30	38	33	28	26	43	32	22	32	40	40	35	34	35	33	28	36	37	25	30	51	35	38			33.6
De Queen	Maximum	59	52	45	44	50	49	58	66	58	53	70	64	61	55	50	55	54	45	50	41	52	60	54	55	52	55	72	82	77			56.5
	Minimum	23	39	30	33	41	36	22	44	33	24	26	39	34	19	37	41	42	35	36	35	26	22	41	42	28	30	52	40	43			34.2
Devils Knob	Maximum	55	46	31	34	34	34	44	52	52	41	60	57	47	46	46	47	45	32	31	29	33	41	40	39	42	46	52	70	64			44.5
	Minimum	30	28	20	23	31	26	21	35	25	21	32	41	25	19	31	34	31	27	26	26	22	22	31	27	14	26	43	43	37			28 2
Dumas	Maximum	56	44	41	44	46	44	54	65	60	43	61	67	62	54	52	60	52	45	44	43	46	51	48	49	47	59	76	81	75			54 1
	Minimum	21	29	25	34	41	36	35	40	40	32	29	47	34	24	35	40	43	39	36	36	35	26	35	42	28	26	51	40	45			35.3
El Dorado	Maximum	60	51	46	52	49	46	56	70	64	51	70	67	63	63	50	57	54	46	46	45	51	58	58	57	50	61	71	84	75			57.6
	Minimum	25	38	32	37	41	40	41	34	45	32	31	47	43	26	38	42	43	36	35	38	35	29	35	37	31	32	57	47	45			37.7
England	Maximum	51	40	44	42	43	43	46	64	60	44	67	58	58	50	56	56	66	42	42	42	52	58	48	48	47	67	..	81	84			53.5
	Minimum	24	30	25	33	37	34	32	37	38	31	30	44	32	24	30	38	40	37	35	35	34	25	33	40	27	28	35	..	39			33.1
Eureka Springs	Maximum	57	48	34	40	42	36	56	60	44	49	67	61	42	55	52	52	51	33	34	32	38	40	41	38	45	53	57	69	76			48.3
	Minimum	29	32	26	31	33	27	25	40	25	24	38	34	27	18	34	40	32	29	30	29	25	21	32	27	14	32	41	37	35			29.9
Fayetteville	Maximum	55	49	39	40	39	38	53	60	46	45	67	64	50	52	49	55	53	34	34	32	39	44	44	42	46	54	57	68	72			49.0
	Minimum	26	31	29	31	32	27	26	43	25	23	33	33	27	16	38	41	33	29	30	30	25	25	35	27	18	34	41	34	34			30 2
Fayetteville Exp. S	Maximum	55	49	35	40	38	37	53	59	44	47	65	63	50	50	50	54	50	34	34	32	39	44	43	44	47	53	58	66	71			48.4
	Minimum	27	31	29	32	32	26	26	43	25	23	35	33	28	18	37	41	34	29	30	30	25	25	36	27	18	32	42	34	34			30 4
Fordyce	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			....
Fort Smith***	Maximum	52	58	38	38	45	39	51	62	37	47	73	62	41	47	50	52	51	38	40	38	47	50	46	43	45	60	61	75	72			50.3
	Minimum	30	38	30	31	37	31	29	37	30	25	31	40	29	23	37	41	36	34	35	33	28	30	37	31	25	32	44	39	42			33.3
Gilbert§§	Maximum	59	43	34	42	42	35	50	58	35	50	68	60	35	56	55	54	39	36	37	36	46	45	43	41	45	59	59	76	69			48.5
	Minimum	15	34	15	22	31	30	25	29	31	23	15	27	29	11	33	35	35	29	30	31	27	18	35	34	16	21	27	27	25			26.2
Grannis	Maximum	58	50	43	43	49	45	58	63	58	54	69	64	58	52	45	55	49	41	44	40	50	58	50	48	54	53	69	81	75			54.3
	Minimum	27	39	28	30	38	32	20	38	29	23	28	40	32	18	34	38	39	31	33	33	25	26	38	37	26	28	49	45	46			32.8
Gravette§§	Maximum	57	44	34	40	48	30	57	57	27	48	68	54	32	54	53	52	40	34	35	33	40	45	45	35	45	58	50	65	74			6.7
	Minimum	17	31	28	29	32	28	26	26	24	22	22	29	27	14	19	36	36	29	29	29	21	23	24	30	16	16	47	32	36			26.8
Green Mountain	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			....
Harrison	Maximum	53	48	35	42	41	37	46	59	53	44	62	55	51	52	52	50	50	35	35	34	35	46	40	40	40	51	55	69	70			47.6
	Minimum	22	33	22	30	34	30	26	36	27	25	28	31	29	15	31	39	34	32	31	30	27	22	33	21	16	29	41	32	31			28.9
Helena	Maximum	50	44	50	44	43	42	44	63	59	43	60	64	60	49	54	59	53	48	41	41	39	44	45	48	44	54	69	74	68			51.6
	Minimum	22	29	21	33	37	32	33	35	42	29	28	43	30	21	33	39	40	36	34	33	31	23	30	39	26	27	47	34	35			32.5
Highland	Maximum	58	54	44	43	46	45	55	62	60	51	68	64	61	51	49	56	55	42	45	40	50	58	53	52	51	54	70	81	77			55 0
	Minimum	26	41	30	31	40	37	25	42	34	27	31	46	33	22	34	39	41	34	32	34	29	26	37	42	27	29	41	43	42			34.3
Hope §§ ‡‡	Maximum	61	46	36	47	45	42	57	67	41	49	69	68	48	53	45	58	45	40	49	41	49	57	52	53	49	62	76	79	78			53.9
	Minimum	22	22	32	31	34	39	27	29	40	29	29	29	40	21	21	40	43	35	35	36	33	25	27	41	28	30	34	42	43			32.3
Hot Springs	Maximum	56	54	43	43	43	41	53	62	57	47	67	62	59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54	[illegible]	48	48	55	66	78	74			53.0
	Minimum	25	37	20	31	40	36	28	39	34	28	30	45	33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			33.9

Daily Temperatures for February, 1940. (Continued)

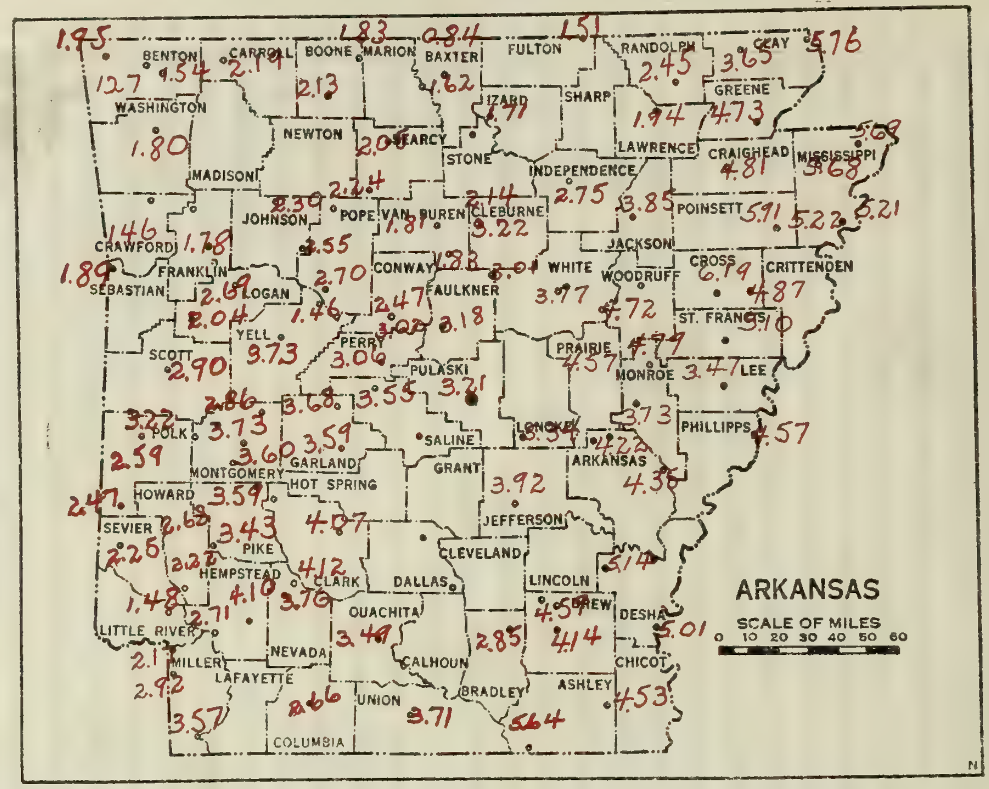
Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork §§‡‡	Maximum	60	42	33	40	44	34	56	59	30	46	67	59	40	54	44	55	41	33	35	34	44	54	48	43	50	57	57	77	76			48.7
	Minimum	18	21	27	26	31	30	18	22	28	22	21	22	29	14	19	36	38	30	30	30	24	20	33	36	21	26	36	32	33			26.7
Jonesboro	Maximum	54	43	35	44	41	41	46	59	57	40	61	59	57	49	57	55	51	39	38	39	39	43	45	44	41	54	59	69	64			49.1
	Minimum	22	32	20	30	34	31	29	29	38	28	27	43	29	22	27	38	36	35	32	32	32	25	29	36	21	25	47	32	34			30.9
Lead Hill	Maximum	48	44	32	44	43	40	44	57	57	55	66	61	53	46	51	51	49	37	35	35	33	43	40	41	39	52	59	65	66			47.8
	Minimum	15	30	14	27	33	29	26	29	27	24	17	24	28	10	25	37	34	30	30	29	26	16	27	29	15	20	39	25	24			25.5
Little Rock ***	Maximum	52	44	34	42	43	41	49	63	51	45	66	60	53	52	55	55	45	39	41	40	45	48	44	47	42	57	66	76	68			50.4
	Minimum	27	33	26	34	38	35	30	38	34	29	31	52	31	25	35	40	37	36	35	35	34	29	36	32	26	31	50	43	40			34.6
Little Rock *** [Airway]	Maximum	52	46	35	41	44	43	49	64	50	46	67	60	53	50	56	56	44	39	42	41	46	50	43	47	43	58	69	78	68			51.0
	Minimum	20	31	24	32	38	34	30	35	33	29	30	52	29	23	30	39	37	36	35	35	28	25	33	31	25	28	45	36	38			32.4
Lutherville	Maximum	56	53	40	38	42	40	47	59	56	45	67	60	55	51	51	52	51	41	39	37	44	49	45	46	45	55	62	76	68			50.7
	Minimum	25	34	26	28	36	33	27	30	32	26	27	40	30	19	30	38	38	32	31	33	30	28	34	35	20	28	49	37	38			31.5
Magnolia	Maximum	62	63	44	51	52	45	58	69	68	50	70	69	68	54	51	58	59	45	48	46	51	60	57	57	52	59	77	83	80			58.8
	Minimum	25	41	32	34	38	36	29	43	37	30	33	50	38	25	39	43	43	35	34	37	33	27	40	49	30	33	56	46	46			37.3
Mammoth Spring	Maximum	56	51	39	44	43	43	44	54	53	40	65	61	53	51	54	58	51	36	37	36	36	41	43	40	42	52	57	69	63			48.7
	Minimum	19	16	15	31	31	34	28	26	32	28	19	31	31	16	23	40	36	33	33	33	31	23	27	32	17	26	46	39	30			28.5
Marianna	Maximum	50	43	41	..	43	41	44	63	60	42	..	61	59	49	54	60	54	44	42	41	40	45	45	47	..	54	69	73	67			51.2
	Minimum	19	29	22	..	34	34	34	35	41	31	..	31	32	25	29	41	42	38	36	35	34	28	33	41	..	28	49	36	37			33.6
Marked Tree §§	Maximum	52	43	39	42	40	39	42	60	46	37	57	59	35	46	55	56	42	41	43	40	36	41	45	45	40	54	60	65	60			46.9
	Minimum	17	23	19	21	33	31	30	30	38	28	20	29	32	20	25	35	38	36	32	32	32	24	27	32	23	24	29	31	33			28.4
Mena	Maximum	61	50	40	40	44	40	57	63	57	51	68	61	57	56	44	55	50	41	37	36	46	56	48	48	49	51	65	79	79			52.7
	Minimum	25	37	28	31	38	31	23	45	30	25	33	46	31	20	39	38	40	32	33	32	26	27	39	42	25	31	49	38	42			33.7
Monticello	Maximum	52	50	42	47	46	44	52	66	61	41	67	68	61	53	50	60	52	44	42	42	48	52	54	50	47	60	77	81	75			54.6
	Minimum	26	31	28	33	42	36	35	40	38	31	29	47	35	22	36	40	42	38	32	35	34	27	36	44	29	29	53	44	43			35.7
Morrilton §§	Maximum	54	46	37	43	44	40	50	58	39	45	67	67	39	55	57	54	43	40	41	40	45	50	45	48	39	60	64	75	74			50.3
	Minimum	20	23	26	27	30	35	29	30	37	29	26	30	35	22	23	34	40	35	35	35	31	28	30	36	25	25	32	37	33			30.3
Mountain Home	Maximum	60	49	30	44	41	38	48	58	46	69	59	45	70	56	54	50	37	35	34	35	40	43	45	45	52	57	68	73	64			49.8
	Minimum	21	26	20	28	34	31	26	32	25	24	35	29	16	27	38	34	31	31	33	28	22	31	32	16	26	40	30	31	44			29.0
Mt. Ida	Maximum	61	54	42	43	44	43	58	62	52	50	70	65	59	55	50	54	52	41	40	40	49	57	49	50	51	58	67	81	78			54 3
	Minimum	16	36	29	32	39	35	22	41	31	26	20	53	32	15	29	39	40	34	34	35	31	19	39	42	23	23	52	30	30			32.0
Nashville	Maximum	47	48	48	44	47	45	56	63	53	51	68	65	61	58	45	57	56	45	49	41	50	55	51	53	50	55	72	81	77			54.8
	Minimum	27	37	30	32	41	39	25	42	36	28	28	40	34	37	36	41	43	35	35	36	30	27	40	43	29	32	52	42	44			35.9
Newport	Maximum	55	48	41	49	44	41	44	60	60	43	60	60	57	50	56	57	54	39	38	41	40	45	45	46	45	53	63	75	65			50.8
	Minimum	20	31	19	32	32	33	31	33	37	29	24	42	32	22	26	39	38	35	34	34	32	25	31	39	23	31	41	30	34			31.3
Oden ***	Maximum	63	45	35	40	52	39	47	64	40	59	69	62	45	57	47	55	45	36	40	39	47	56	48	48	51	68	65	79	80			52.4
	Minimum	24	33	28	31	39	30	33	40	28	26	28	45	30	18	35	39	36	33	34	32	30	24	38	34	24	30	41	34	39			32.3
Okay	Maximum	60	60	48	50	50	48	56	66	66	51	70	70	67	53	54	57	58	52	54	48	53	58	56	55	51	56	77	82	82			58 9
	Minimum	26	34	33	35	35	39	27	47	35	27	25	45	34	18	39	42	43	39	36	37	30	22	42	48	30	33	55	41	42			35.8
Ozark	Maximum	54	49	42	38	44	44	50	64	51	49	65	70	59	54	50	56	55	42	42	41	47	50	50	48	45	56	61	77	70			51.8
	Minimum	23	37	27	31	37	34	30	40	32	29	24	25	33	20	31	41	40	36	37	36	31	24	37	32	22	21	50	36	40			32.3
Paragould	Maximum	49	47	37	44	42	42	39	55	55	42	53	57	56	42	51	55	52	40	38	40	40	40	45	44	40	51	59	63	58			47.4
	Minimum	21	29	20	32	34	32	30	28	39	29	22	37	31	22	24	38	36	35	34	34	33	27	28	37	21	25	46	32	35			30.7
Pine Bluff	Maximum	54	46	37	44	44	44	54	68	62	47	69	66	61	54	54	59	54	43	43	43	49	53	45	50	46	59	75	81	72			54.3
	Minimum	23	32	28	33	41	34	34	39	37	31	39	50	35	23	33	40	41	37	36	36	37	26	36	43	28	36	54	41	43			36.1
Pocahontas	Maximum	53	50	41	43	44	41	39	54	54	47	58	64	58	47	53	60	54	38	37	40	39	44	45	43	42	53	60	70	66			49.6
	Minimum	19	31	17	30	34	32	29	28	38	29	22	33	31	19	23	41	36	32	33	33	32	24	26	35	18	23	46	30	32			29.5
Portland	Maximum	55	52	45	47	48	46	53	68	61	44	65	68	63	53	48	58	54	46	43	44	48	53	55	52	50	60	78	82	76			55.7
	Minimum	21	28	26	33	41	36	35	36	44	30	26	42	35	23	32	38	40	37	34	32	32	24	32	44	29	25	48	40	40			33.9
Prescott	Maximum	59	57	44	46	45	45	57	65	64	50	69	67	65	54	52	58	56	43	47	45	51	57	54	53	49	58	76	80	79			56.7
	Minimum	24	40	32	33	42	39	27	44	38	30	29	48	36	23	35	42	43	36	35	37	34	28	40	46	29	29	55	43	43			36.6
Rogers	Maximum	54	49	35	40	39	37	54	58	44	57	68	64	49	54	51	51	51	35	32	32	38	43	42	42	44	55	53	66	74			48.6
	Minimum	22	32	27	32	33	29	26	42	25	24	29	29	28	15	36	41	35	30	30	30	25	21	35	27	16	31	41	30	33			29.4
Russellville ‡‡	Maximum	57	57	52	40	45	45	51	60	61	47	68	66	61	55	54	55	54	52	41	41	47	52	41	49	46	57	64	77	77			54.2
	Minimum	22	36	28	31	37	36	30	37	34	28	24	32	32	22	28	40	46	44	34	35	33	26	37	37	24	26	50	34	35			33.0
St. Charles §§	Maximum	54	44	42	46	44	42	50	68	56	38	63	65	38	50	55	59	45	41	42	42	42	42	46	45	58	71	71	71	71			51.7
	Minimum	18	20	22	26	37	34	33	33	42	30	30	37	36	24	26	38	42	39	34	35	33	25	31	35	25	32	37	39	40			32 2
Searcy	Maximum	57	44	39	45	43	41	46	61	57	47	64	63	59	52	55	58	54	40	42	41	44	50	46	48	46	52	69	77	69			52.0
	Minimum	21	32	23	32	32	33	31	31	35	29	25	38	32	22	28	36	39	36	35	34	32	26	26	39	24	25	50	34	36			31.6
Stuttgart	Maximum	52	46	39	44	44	44	48	64	57	41	65	65	60	50	55	59	54	43	44	42	44	49	45	48	45	55	72	78	69			52.4
	Minimum	22	30	23	34	39	34	33	36	38	30	29	41	33	24	30	37	43	37	35	35	34	25	32	40	28	27	49	52	38			34 1
Stuttgart ‡‡§§	Maximum	53	43	39	44	44	43	48	64	48	39	62	64	40	48	57	59	45	42	42	41	43	47	46	48	44	55	70	75	70			50.4
	Minimum	20	24	21	24	36	34	33	33	44	31	29	36	38	26	28	37	43	39	36	36	34	27	30	36	29	27	34	37	38			32.4
Subiaco	Maximum	56	53	45	39	44	43	55	63	57	45	70	67	59	54	53	53	52	41	40	38	45	52	48	45	47	58	61	74	71			52.7
	Minimum	25	36	29	29	38	35	39	39	33	28	27	41	33	22	35	39	40	33	33	35	30	31	39	35	22	31	52	36	39			33.9
Texarkana	Maximum	63	58	45	49	48	46	61	68	58	52	71	71	65	57	47	56	48	44	52	45	54	62	55	54	52	59	77	82	82			58 0
	Minimum	29	40	32	34	43	40	26	47	35	27	35	51	36	25	40	45	43	36	37	37	28	28	42	47	32	34	59	47	46			38.0
Thornburg	Maximum	60	48	40	43	41	40	54	58	54	41	66	67	59	53	53	51	53	40	39	38	45	49	42	46	48	54	63	77	73			51.6
	Minimum	15	29	21	28	38	33	26	38	31	26	18	53	31	13	28	37	37	31	31	32	30	19	28	37	22	28	52	29	27			29.9
Turnpike	Maximum	56	45	31	35	36	34	46	51	49	43	61	56	49	47	46	49	46	39	34	30	34	43	39	40	44	48	56	72	68			45.8
	Minimum	28	27	20	23	30	24	20	32	25	21	32	37	23	18	31	37	29	27	26	25	22	22	30	33	13	26	42	42	34			27.6
Waldron	Maximum	..	..	..	..	53	44	60	65	56	50	..	72	58	58	53	56	54	..	43	..	47	54	..	53	49	58	62	77	79			57.2
	Minimum	..	..	..	..	30	33	24	45	30	25	..	24	31	18	39	41	41	..	33	..	29	22	..	39	24	31	52	33	37			32.4
Warren	Maximum	60	46	44	50	51	48	55	67	65	47	63	67	65	53	53	60	54	45	43	41	49	55	54	51	48	54	59	77	78			55.2
	Minimum	21	31	27	33	42	36	38	37	38	30	30	47	35	23	33	39	41	36	32	35	33	25	35	43	30	35	40	46	43			35.0
White Rock	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			....
Wilson	Maximum	42	44	39	42	44	42	40	60	56	48	59	59	50	47	46	56	52	47	45	40	40	44	46	46	51	53	52	59	62			48.7
	Minimum	24	28	24	33	32	32	30	28	28	23	32	31	32	18	26	36	39	36	34	34	33	26	28	31	33	32	33	32	36			30.5
Wynne	Maximum	54	52	41	43	42	54	44	64	60	44	62	63	59	50	48	60	56	42	40	41	48	44	46	47	43	54	65	72	71			52.0
	Minimum	20	28	19	33	38	33	31	33	43	31	27	44	35	22	32	37	40	36	35	33	33	24	31	38	27	27	49	31	33			32.5

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, §§ Exp. Farm	Evap.	*	.093	.078	.200	.033	.108	.030	071	.079	....	042	.123	.099	.031	.147	.011	.100	.061	.021	.086	.063	.129	.119	.091	.088	.092	058	.213	.187			2.453
	Mean tem.	42	34	34	39	40	40	42	48	40	39	49	48	44	37	33	49	44	32	42	38	41	41	40	47	38	46	55	60	60			43.1
	Wind move	20	15	70	35	31	68	42	57	33	85	65	61	69	58	43	45	88	119	65	90	99	63	43	40	72	38	94	71	48			1727
Irons Fork, §§ Exp. Forest	Evap.	....	..	.077	....	.028	...	.014	.030	.031	.015	.049	.077	.037	.018	.018	.065	.027	....	.025	.000	*	.060	.073	.040	.014	.059	.037	.086	.100			0.971
	Mean tem.	39	32	30	33	38	32	37	36	29	34	44	40	34	34	31	46	40	32	32	32	34	37	40	40	36	42	46	54	54			37.7
	Wind move	10	2	19	12	6	6	8	32	44	13	8	48	1	20	26	38	23	21	15	28	26	16	12	33	6	19	67	5	4			568
Russellville, Ozark Nursery	Evap.	.030	.008	.014	.064	004	....	.146	.036	.074	.004	.056	.072	....	.146	.088	.072	.056	.018	.188	.028	.188	.202	....	.052	.080	.176	.106	.132	.154			2.174
	Mean tem.	40	46	40	36	41	40	40	48	48	38	45	49	46	38	42	48	47	48	38	38	40	39	39	43	35	42	57	56	56			43.6
	Wind move	4	30	30	11	11	36	43	51	97	80	32	21	70	48	25	58	112	140	48	114	107	34	19	26	52	20	199	26	46			1491
Stuttgart, §§ Rice Exp. Farm	Evap.	*	*	*	*	*	*	*	.166	.076	*	*	.062	.048	*	*	.167	.076	....	.005	.036	.045	*	101	.054	*	*	.177	.089	.135			1.237
	Mean tem.	36	34	30	34	40	38	40	48	46	35	46	50	39	37	42	48	44	40	39	38	38	37	38	42	36	41	52	56	54			41.4
	Wind move	10	19	48	47	16	86	54	84	116	103	60	114	56	90	42	106	154	147	118	175	134	64	51	100	90	25	179	96	76			2460

Precipitation for February, 1940



Daily River Stages for February, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Van Buren	do	22	2.5	2.5	2.6	2.6	2.5	2.7	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.7	3.5	3.6	3.5	4.0	3.9	3.9	3.9	3.8	3.8	3.7	3.6		
Mulberry	Mulberry	..	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	2.0	2.0	2.0	1.9	1.8	1.3	1.8	1.8	1.7	1.7	...		
Danville	Petit Jean	20	2.7	2.7	2.7	2.7	2.7	2.8	2.9	2.9	3.0	2.9	2.9	3.2	3.2	3.2	3.1	3.1	3.2	5.4	9.1	10.2	9.0	7.1	6.0	5.4	5.4	5.1	4.9	4.7	4.6		
Ozark	Arkansas	22	-0.8	-0.8	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-0.9	-0.9	-1.1	-1.1	-1.1	-1.1	-1.1	0.2	0.2	0.1	0.2	0.1		
Dardanelle	do	22	1.1	0.9	0.8	0.8	0.9	1.0	1.0	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.5	2.3	2.4	2.6	2.9	3.1	3.2	3.0	2.9	2.9	2.8	2.7		
Morrilton	do	20	-3.4	-3.5	-3.6	-3.6	-3.7	-3.6	-3.6	-3.4	-3.4	-3.2	-3.2	-3.4	-3.1	-3.2	-3.2	-3.2	-3.2	-3.0	-2.5	-1.6	-1.2	-1.1	-1.0	-0.9	-1.0	-1.2	-1.3	-1.4	-1.5		
Little Rock	do	23	-1.1	-1.1	-1.1	-1.2	-1.3	-1.2	-1.3	-1.2	-1.2	-1.1	-1.0	-0.9	-0.8	-0.8	-0.8	-0.8	-0.7	-0.5	-0.3	0.1	0.9	1.1	1.1	1.1	1.0	1.0	0.8	0.7	0.6		
Pine Bluff	do	25	2.7	2.6	2.5	2.4	2.8	2.8	2.3	2.2	2.4	2.4	2.5	2.6	2.7	2.7	2.7	2.7	2.8	2.9	3.1	3.3	3.7	4.3	4.5	4.7	4.5	4.4	4.3	4.3	4.2		
Gilbert	Buffalo	30	3.0	3.0	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.4	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.8	4.0	4.0	4.0		
Doniphan, Mo.	Current	16	2.3	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2		
Black Rock	Black	14	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	2.7	4.0	4.6	4.6	4.2	3.9	3.7	3.7	3.6	3.5	3.4	2.9		
Heber Springs	Little Red	30	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.3	4.4	5.8	7.2	6.5	6.5	5.6	5.3	5.2	5.1	5.0	4.9	4.9		
Ozark Beach Mo	White	30	-0.2	-0.2	-0.2	-0.2	0.4	-0.3	-0.3	0.0	-0.3	-0.3	-0.2	-0.2	-0.6	-0.4	-0.5	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.8	0.2	-0.6	3.2	2.8	1.5	1.3		
Cotter	do	21	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	3.1	3.1	3.0	2.8	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.5	3.8	3.8	3.6	3.6	4.2		
Calico Rock	do	18	0.5	0.5	0.6	0.5	0.3	0.2	0.2	0.8	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.5	0.5	0.9	1.0	1.4	1.3	1.5	1.5	1.6	1.9	2.2	2.1		
Batesville	do	23	5.4	5.5	5.5	5.4	5.2	5.1	5.0	5.0	5.3	5.0	4.8	4.8	4.8	4.8	4.6	4.6	4.9	5.6	6.1	6.0	6.1	6.2	6.4	6.4	6.4	6.5	6.9	6.8	7.7		
Newport	do	26	1.4	1.4	1.1	0.9	0.9	0.8	0.7	0.6	0.6	0.7	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.7	1.9	3.0	3.3	3.4	3.3	3.1	3.6	3.0	3.1	3.5	3.1		
Georgetown	do	21	2.5	2.6	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.7	1.8	1.8	2.0	2.0	2.0	2.0	2.2	4.0	4.7	5.8	6.4	6.5	6.4	6.2	6.0	6.0	5.9	5.9		
Des Arc	do	24	5.9	6.0	6.0	6.0	5.8	5.8	5.6	5.4	5.4	5.4	5.6	5.8	5.8	5.8	6.0	6.2	6.2	5.7	8.3	9.1	9.7	10.5	10.9	11.0	10.9	10.8	10.5	10.8	9.0		
Clarendon	do	26	8.8	9.0	9.1	9.2	9.1	9.0	8.9	8.8	8.3	9.0	9.2	9.5	9.7	9.8	10.1	10.1	10.1	10.6	12.0	13.1	13.9	14.5	15.1	15.4	15.6	15.7	15.7	15.6	15.4		
St. Charles	do	25	9.1	9.1	9.2	9.3	9.3	9.3	9.3	9.1	9.1	9.1	9.4	9.5	9.8	9.9	10.1	10.2	10.3	10.7	11.5	12.6	13.4	14.0	14.6	15.0	15.4	14.6	15.6	15.7	15.6		
Glenwood	Caddo	..	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.3	5.3	5.3	5.4	5.4	5.3	5.3	5.3	5.3	5.3	6.6	6.2	5.8	5.8	5.6	5.5	5.5	5.4	5.4	5.4	5.3	5.2		
Arkadelphia	Ouachita	17	4.7	4.4	4.4	4.3	4.2	5.4	5.2	4.8	4.5	5.6	4.5	4.5	4.5	5.2	4.7	5.4	5.0	6.2	6.9	6.9	6.3	5.6	5.0	5.0	5.0	5.1	5.3	5.5	5.1		
Boughton	Little Mo.	20	3.5	3.4	3.4	3.5	3.5	3.6	3.7	3.9	4.2	4.2	4.6	4.5	4.4	4.4	4.4	4.4	4.4	4.6	5.6	6.1	6.8	6.2	5.8	5.5	5.5	5.7	5.6	5.6	5.4		
Camden	Ouachita	26	4.2	4.8	4.7	4.6	4.6	4.6	4.4	5.3	5.3	5.4	5.6	6.6	6.3	5.7	5.5	5.5	5.8	5.5	6.2	8.2	9.1	9.1	8.5	7.2	6.8	6.4	6.7	6.7	6.9		
Benton	Saline	20	4.1	4.1	4.1	4.1	4.2	4.2	4.3	5.2	5.4	5.6	5.7	5.8	5.8	5.8	6.2	6.0	6.0	8.5	9.8	8.2	7.2	6.7	6.3	6.1	6.0	5.9	5.6	5.8	5.5		
Whitecliffs	Little River	25	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	5.0	5.0	4.7	4.0	3.7	3.2	3.1	3.1	3.1	3.0	2.7	4.5	4.5	4.3	4.0	3.9	3.7	4.5	4.0	3.9		
Index	Red	25	5.6	5.6	5.6	5.6	5.6	5.8	5.9	5.8	6.0	6.1	6.2	6.3	6.4	6.4	6.4	6.4	6.4	6.3	6.2	6.4	6.6	7.4	7.8	8.0	7.8	7.6	7.3	7.0	6.8		
Fulton	do	25	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.2	3.9	5.0	5.6	5.5	5.3	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.8	5.8	6.2	6.2	6.2	6.1	5.9	5.9	5.7		
Big Lake Outl't	St. Francis	10	3.5	3.6	3.6	3.6	3.6	3.9	3.9	3.9	4.0	4.1	4.1	4.1	4.4	4.6	4.8	5.0	5.1	5.8	6.0	6.9	8.2	8.9	9.3	9.5	9.6	9.6	9.5	9.4	9.2		
St. Francis	do	18	5.4	5.3	5.3	5.2	4.9	4.7	4.6	4.6	4.6	5.4	6.4	6.9	6.4	6.3	5.9	5.5	5.3	10.2	13.3	15.0	14.8	14.1	12.6	10.9	9.4	7.8	8.0	7.8	7.6		
St. Francis L.L.	do	..	20.0	20.1	20.1	19.6	19.5	19.5	19.6	19.9	19.5	19.4	19.3	19.4	19.4	19.4	19.5	20.0	19.8	20.0	20.1	19.9	19.8	19.9	20.2	21.2	21.6	21.8	21.8	22.1	22.2		
Marked Tree	do	17	0.9	0.8	0.8	3.9	4.1	4.2	4.2	1.2	4.0	4.2	4.3	4.4	4.5	4.7	4.8	2.7	4.5	5.5	5.9	7.0	7.7	7.8	7.6	3.9	4.8	5.3	6.8	4.7	5.5		
Parkin	do	28	2.1	1.9	1.9	1.9	2.9	4.1	4.4	3.9	3.1	3.8	4.8	5.1	5.6	6.3	6.7	6.4	5.4	6.9	8.4	10.0	9.9	9.6	9.0	8.2	6.5	5.9	6.3	7.1	7.0		
Madison	do	32	1.6	1.3	1.2	1.3	1.4	2.8	3.1	3.2	2.9	2.7	3.2	3.6	4.0	4.8	5.3	5.3	5.0	6.1	7.4	8.7	9.0	8.6	8.3	8.1	7.7	7.3	7.7	8.3	8.7		
Helena	Mississippi	42	4.9	2.7	2.2	3.5	2.6	2.9	3.2	3.4	3.3	2.9	3.3	3.4	3.2	3.3	4.0	6.2	8.7	11.4	14.0	16.1	18.0	20.0	22.0	23.7	25.2	26.2	26.8	27.1	27.0		
Arkansas City	do	42	-1.9	-1.3	-0.2	0.3	0.6	1.0	1.2	1.5	1.9	2.1	1.9	1.9	2.1	2.1	2.0	2.3	3.5	5.6	7.2	9.0	10.7	12.3	13.9	15.5	17.0	18.1	19.0	19.4	19.6		

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period: for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a, b, c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1] Weather Bureau Station: precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation is measured in the morning; amount then recorded is for the preceding 24 hours ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla, Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2 Mt Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Haukins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; Mulberry, R 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office, Little Rock, Ark 3-21-40-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLV LITTLE ROCK, ARK., MARCH, 1940 No. 3

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

March, 1940, was the third consecutive month with a monthy mean temperature below normal and the ninth consecutive month with precipitation below normal. The cool weather was favorable in that it retarded the development of fruit buds, but the delayed growth of meadows and pastures necessitated a longer feeding period for stock. The close of the month found arming operations and the season somewhat behind normal advancement.

The mean temperature for the month, as determined from he records of 72 stations was 52.0° which is 0.7° below the 50-year average. Monthly means ranged from 57.6° at Prescott to 44.4° at Lead Hill, a difference of 13.2° between the Ozarks in the northwest and southern sections of the State. Of he stations for which normals have been computed, all except 18 showed negative departures for the month. The highest emperature recorded was 88° at Conway and Dardanelle on the 31st, the lowest 9° at Lead Hill on the 25th. The highest occurred in practically all localities on the 31st while the lowest occurred on different dates, but in all instances during the latter half of the month. The greatest daily temperature range was 59°, from 73° to 14°, and occurred at Gilbert on the 15th.

The average precipitation for 111 stations was 2.39 inches which is 2.27 inches below the 50-year average. Monthly toals ranged from 5.44 inches at Arkansas City to 0.78 inch at Oden, all stations except Arkansas City showing negative departures. Showers occurred in most sections of the State on the 7th, 8th, 11th and 13th and after the 22d showers were of frequent occurrence. The greatest amount recorded in any 24-hour period was 3.25 inches at Arkansas City on the 13th. The average number of rainy days was 7. About 38 stations in the northern counties reported snowfall ranging from a trace at several stations to 8.2 inches at Saint Francis. Snowfall was heaviest in the northeastern counties.

Lightning damage occurred at Harrison, Little Rock and Appleton, but losses were not extensive. Heavy hail did some ocal damage in Carroll and Benton counties on the 28th and a wind storm on the 28th broke plate glass windows in the business section of Harrison.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.99	30.55	25	29.53	7	9.0	27	se.	6	..	..	..	57
Fort Smith	29.97	30.45	25	29.54	7	9.9	26	sw.	28	70	51	47	60
Little Rock	29.99	30.54	25	29.54	7	9.5	28	sw.	2	84	58	60	61
Memphis	29.98	30.55	25	29.55	7	9.0	23	nw.	18	82	63	63	49

Miscellaneous Phenomena

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	6	1	2	.	..	.	2	.	.		7	5	1	.	.	.	.	.	1	.	.	.	3	3	.	.	1	4	3	1	.
Light Hail	.	.	.	.	.		.	.	.	.	..	2	1	.	.	.	.	1	.	.	.	.	.	2	.	.		.	7	.	..
Moderate Hail	.	.	.	.	.	.	.	.		.	1	2	..		.	.		1	.	.	.		.	3		.	.	2	..	.	..
Thunderstorm	.	1	.	.		.	1	2	.	.	3	13	23	..	.	..	.	..	9	1	..	1	6	9	19	1	1	7	6	20	.	..

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1.3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	88	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T.	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T.	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3.04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
Period	52.7	98	1	4.66	0.5	8	13	7	11

Climatological Data for March, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	52.4	......	80	30§	24	25	45	1.73	......	0.58	T.	8	15	6	10	e.	L. R. Water Works
Amity	Clark	500	45	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	J. W. Campbell
Arkadelphia	Clark	200	45	52.9	......	85	31	24	15	47	3.27	−1.20	1.91	0.0	6	16	10	5	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	5.44	+0.24	3.25	0.0	6	17	1	13	......	Herbert Neff
Batesville Airway	Independence	363	4	49.6	−0.6	82	31	22	15	47	3.39	......	0.87	1.0	9	4	10	17	n.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	4.05	−0.23	1.03	1.5	9	12	7	12	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	51.0	−0.8	80	31	25	25	40	1.40	−2.98	0.50	0.0	4	17	5	9	w.	J. E. Scanlan
Benton	Saline	285	5	50.2	......	86	31	22	15	47	1.46	......	0.48	0.0	6	16	4	11	n.	S. A. Burks
Bentonville	Benton	1295	35	48.0	−0.4	84	31	19	25	40	1.72	−2.31	0.79	2.0	7	9	9	13	e.	U. S. Weather Bureau
Bethesda	Independence	....	1	......	......	......	......	......	......	......	2.91	......	0.93	T.	7	......	......	......	......	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	3.18	......	1.10	1.5	9	10	8	13	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	1.91	−2.45	0.55	2.8	7	16	4	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	49.8	−1.8	82	31	19	25	37	2.88	−2.46	0.92	1.5	10	16	3	12	s.	Samuel Norris
Booneville	Logan	465	26	52.6	−0.6	86	31	22	14§	52	1.51	−2.52	0.40	0.0	8	12	12	7	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	3.10	......	1.98	0.0	6	17	0	14	......	Harry J. Buie
Brinkley	Monroe	205	49	51.1	−2.2	80	31	23	25	42	2.[illegible]2	−2.97	0.80	0.0	8	16	5	10	sw.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	1.98	−2.06	0.80	2.5	9	10	5	16	......	William Jones
Camden	Ouachita	116	55	56.0	+1.0	83	31	24	25	44	3.28	−1.35	0.97	0.0	6	15	2	14	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	2.34	−2.60	0.70	0.0	10	13	4	14	ne.	R. M. Wheatley
Clinton	Van Buren	516	19	......	......	......	......	......	......	......	1.56	−3.00	0.61	0.0	6	17[a]	5[a]	8[a]	e.	A. L. Stephens
Conway	Faulkner	309	57	53.0	−0.8	88	31	24	15§	50	2.50	−1.78	0.69	0.0	9	15	8	8	w.	E. E. Cordrey
Corning	Clay	293	47	50.2	−0.5	84	31	19	25	37	2.65	−1.71	0.67	6.0	10	19	3	9	sw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	2.33	−0.80	0.98	4.0	5	15	6	10	......	O. B. McSpadden
Crossett	Ashley	175	28	56.2	+0.8	85	12§	23	15	44	3.25	−1.89	1.04	0.0	6	16	5	10	sw.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	1.44	−2.30	0.58	0.0	8	10	10	11	......	J. M. Patterson
Dardanelle	Yell	330	54	53.3	+0.5	88	31	25	15§	50	1.83	−2.15	0.55	0.0	8	11	11	9	e.	Geo. N. Goodier
DeQueen	Sevier	426	5	55.7	......	84	31	26	15	46	1.54	......	0.81	0.0	3	17	3	11	se.	E. B. Smith
Des Arc	Prairie	204	2	......	......	......	......	......	......	......	2.15	......	0.68	T.	7	10	3	18	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	47.6	......	79	31	18	25	34	2.36	......	0.90	0.4	9	13	4	14	se.	U. S. Forest Service
Dumas	Desha	162	35	55.8	+0.5	85	31	25	25	43	3.45	−2.31	1.65	0.0	7	10	13	8	s.	Ben Johnson
El Dorado	Union	270	40	56.5	+0.3	85	31	27	25	38	2.84	−2.12	1.02	0.0	4	17	4	10	w.	Mrs. E. W. Gaston
England	Lonoke	229	34	53.4[a]	−1.0	84[a]	31	25[a]	25	44[a]	2.33	−2.51	0.70	0.0	6	12	14	5	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	50.0	−0.1	84	31	16	25	43	3.16	−0.82	1.08	1.5	6	12	10	9	n.	Geo. W. Nichoalds
Fayetteville	Washington	....	3	50.3	......	84	31	22	14§	42	1.58	......	0.62	0.3	6	8	13	19	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	50.0	−0.5	83	31	22	14§	40	1.80	−1.90	0.54	0.4	7	13	11	7	sw.	University of Arkansas
Fordyce	Dallas	275	12	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Fort Smith	Sebastian	448	59	52.2	−0.4	86	31	25	14	44	1.20	−1.81	0.45	0.0	6	9	12	10	e.	U. S. Weather Bureau
Fort Smith Wtr. P. †	Crawford	....	3	......	......	......	......	......	......	......	1.12	......	0.51	0.0	5	11	3	17	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	1.79	−2.55	0.93	0.0	5	14	6	11	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	2.67	−2.02	1.20	0.0	8	22	2	7	......	C. G. Long
Gilbert	Searcy	600	15	46.9	......	84	31	14	15§	59	2.61	−0.11	0.98	0.0	9	14	3	14	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	1.46	......	0.58	0.0	5	20	5	6	......	C. A. Price
Grannis	Polk	950	21	53.8	+2.4	82	31	24	14	40	1.96	−2.98	0.78	0.0	7	19	3	9	w.	W. E. McVay
Gravette	Benton	1250	43	47.2	+1.2	87	31	19	25	50	1.18	−2.44	0.47	T.	4	9	15	7	nw.	Max W. Schmidt
Hankins †	Drew	....	3	......	......	......	......	......	......	......	2.99	......	1.93	......	5	......	......	......	......	Soil Conservation Ser.
Harrison	Boone	1052	40	48.2	−0.4	86	31	17	25	48	2.48	−1.11	1.07	2.5	7	16	7	8	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	....	11	......	......	......	......	......	......	......	2.01	......	0.54	0.2	10	16	7	8	......	Lester B. Logan
Helena	Phillips	300	68	52.9	−0.7	80	31	20	25	39	3.34	−2.37	0.96	T.	12	12	4	15	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	2.09	−2.17	0.85	0.0	9	19	5	7	s.	Austin E. Cartwright
Highland	Pike	491	21	54.9	......	83	31	26	14§	38	2.16	−2.21	1.20	0.0	4	13	12	6	ne.	J. O. Cooley
Hope ‡‡	Hempstead	375	70	53.7	−2.9	84	31	27	25	42	2.08	−2.60	1.03	0.0	5	11	12	8	sw.	Experiment Farm
Hot Springs	Garland	600	49	55.8	+2.1	84	31	28	14	41	1.20	−3.23	0.34	0.0	6	17	6	8	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	1.60	−2.44	0.90	0.0	2	20	2	9	......	W. E. McDowell
Irons Fork †‡‡	Polk	....	2	49.5	......	85	31	20	15	50	1.36	......	0.45	5.0	8	17	7	7	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	1.56	−2.75	0.65	0.0	5	10	15	6	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	49.8	−2.4	83	31	21	25	41	2.84	−1.72	0.55	1.2	10	9	7	15	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	44.4	−4.4	81	31	9	25	47	2.26	−1.38	0.90	2.5	6	10	11	10	se.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	52.4	−0.6	84	31	27	25	40	1.31	−3.31	0.55	0.0	11	15	4	12	e.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	52.0	......	94	31	26	15§	44	1.52	......	0.60	0.0	10	15	3	13	e.	W. B. Airport Station
Lutherville †	Johnson	775	42	50.6	−1.0	85	31	21	25	43	2.32	−1.69	0.75	0.0	7	9	11	11	ne.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	2.55	......	0.60	T.	9	7	3	21	......	J. W. Eppes
Magnolia	Columbia	315	24	57.5	+0.7	84	31	28	25	41	4.00	−0.46	1.48	T	5	11	13	7	s.	State Agri. School
Mammoth Spring	Fulton	600	36	48.2	−1.6	85	31	16	25	49	2.58	−1.08	0.70	4.5	8	12	11	8	ne.	Mrs. Johnnie Morton
Marianna	Lee	235	29	53.4[b]	−0.6	81[b]	31	25	25	38[b]	3.0[illegible]	−1.67	1.00	T.	10	15[b]	10[b]	4[b]	s.	C. N. Houck
Marked Tree	Poinsett	229	36	48.2	−2.2	81	31	21	15§	44	4.06	−0.83	1.11	0.5	9	12	11	8	s.	Charles Walton
Mena	Polk	1207	52	53.8	+1.5	84	31	25	14§	40	1.47	−2.76	0.41	0.0	6	15	8	8	sw.	E. W. St. John
Monticello, Airway	Drew	273	4	56.4	......	83[a]	31	26	25	39[a]	5.07	......	3.22	T.	6	10	7	14	s.	Airway Observer
Monticello †	Drew	273	5	......	......	......	......	......	......	......	3.57	......	2.95	......	5	......	......	......	......	Soil Conservation Ser.
Montongo †	Drew	....	5	......	......	......	......	......	......	......	4.05	......	2.37	......	5	......	......	......	......	Soil Conservation Ser.
Morrilton	Conway	315	21	50.0	−0.8	87	31	25	15	52	1.79	−1.89	0.70	0.0	7	11	16	4	e.	Mrs. Nova Berry
Mountainburg	Crawford	2010	3	......	......	......	......	......	......	......	1.18	......	0.44	0.0	5	20	4	7	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	48.2	−1.8	82	31	16	25	52	1.85	−1.66	0.70	4.0	5	19	4	8	n.	H. N. Halbert
Mountain Valley	Garland	273	3	......	......	......	......	......	......	......	1.68	......	0.56	0.0	9	19	6	6	s.	J. G. Scott
Mount Ida	Montgomery	702	41	52.6	+0.4	85	31	19	15	53	1.69	−2.47	0.81	0.0	4	15	4	12	nw.	G. A. Whittington
Mt. Ida CCC	Montgomery	....	1	......	......	......	......	......	......	......	1.46	......	0.52	0.0	7	17	7	7	w.	U. S. Forest Service
Mulberry †	Franklin	....	2	......	......	......	......	......	......	......	1.08	......	0.42	0.0	7	12	6	13	......	J. L. Battles
Nashville	Howard	350	2	55.2	......	83	31	28	14	41	3.08	......	2.30	0.0	6	20	1	10	w.	H. B. Carruth
Newport	Jackson	231	57	51.2	−1.1	83	31	23	15	44	2.64	−1.78	0.59	0.6	11	14	9	8	s.	J. D. Henderson
Oden	Montgomery	800	13	51.8	......	84	31	23	15	48	0.78	......	0.35	0.0	3	15	5	11	sw.	U. S. Forest Service
Okay	Howard	288	12	57.4	......	85	31	26	14§	47	1.95	......	0.72	0.0	5	17	7	7	s.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	3.63	......	0.79	2.0	9	10	16	5	......	G. H. Banks
Ozark	Franklin	396	45	52.1	−0.3	87	31	24	25	47	1.51	−1.65	0.54	0.0	6	12	2	17	e.	Orkney O. Milton
Paragould	Greene	275	17	48.5	......	78	31	19	25	34	3.17	−2.61	0.71	4.0	10	15	8	8	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	2.61	......	0.77	0.0	9	18	1	12	......	Carroll King
Pine Bluff	Jefferson	215	53	55.7	+0.9	85	31	28	14§	41	3.12	−2.05	0.91	0.0	8	11	14	6	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	1.46	−3.29	0.81	0.0	3	19[a]	4[a]	7[a]	w.	J. R. Huddleston
Plantersville †	Drew	....	3	......	......	......	......	......	......	......	3.18	......	2.24	......	5	......	......	......	......	Soil Conservation Ser.
Pocahontas	Randolph	300	47	48.8	−2.2	82	31	18	25	42	2.73	−1.63	0.63	6.0	6	15	7	9	ne.	Benedictine Sisters
Portland	Ashley	122	34	56.2	−0.5	85	12	24	25	44	3.51	−1.66	1.55	0.0	4	13	8	10	sw-	W. E. Edmiston
Prescott	Nevada	318	52	57.6	+2.0	86	31	28	25	43	1.77	−2.73	0.72	0.0	6	17	4	10	w.	Craig Williams
Rock Springs †	Drew	....	5	......	......	......	......	......	......	......	3.89	......	2.50	......	5	......	......	......	......	Soil Conservation Ser.
Rogers (near) †	Benton	1300	50	49.2	+0.2	85	31	18	25	48	2.56	−0.84	0.87	2.0	5	14	7	10	sw.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6	......	......	......	......	......	......	......	2.01	......	0.84	0.0	5	17	6	8	n.	G. A. Maddox
Ross †	Drew	....	3	......	......	......	......	......	......	......	3.23	......	2.09	......	5	......	......	......	......	Soil Conservation Ser.
Russellville	Pope	526	28	52.8	+0.5	87	31	24	15	50	1.63	−3.25	0.48	0.0	9	21	0	10	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	52.6	......	81	31	24	25	41	2.94	......	0.60	0.0	10	19	4	8	w.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	4.02	−1.38	0.70	8.2	13	11	3	17	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	51.6	−0.6	84	31	24	15§	46	2.16	−1.90	0.70	0.0	10	16	3	12	ne.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	3.05	−1.34	1.33	0.0	5	12	2	17	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	1.61	−2.67	0.58	0.0	5	21	3	7	s.	S. C. Story
Stuttgart	Arkansas	214	53	53.6	−0.2	83	31	26	25	42	4.07	−0.92	1.07	0.0	9	20	5	6	se.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	5	51.5	......	79	31	26	25	41	3.62	......	0.64	0.0	9	......	......	......	......	Rice Experiment Sta.

Climatological Data for March, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	52.6	− 0.4	86	31	26	14§	44	1.95	−1.78	0.61	0 0	6	17	3	11	e.	New Subiaco Abbey
Texarkana	Miller	332	56	57.6	+ 1.4	86	31	29	14§	40	2.70	−1.56	1.05	0.0	5	17[a]	6[a]	7[a]	s.	H. S. Brashear
Thornburg	Perry	650	20	50.2	− 1 5	85	31	17	25	55	1.20	−2.66	0 38	0 0	7	13	10	8	s.	Edward E. Holmes
Turnpike †	Pope	2240	16	47.0	......	79	31	17	25	35	1.99	−2.50	0.66	0.4	7	12	10	9	ne.	U. S. Forest Service
Underwood †	Drew	....	3	....	......	.....	......	......	......	......	....	......	......	......	......	......	......	......	....	Soil Conservation Ser.
Waldron	Scott	675	21	52.9[a]	......	86[b]	31	24[a]	15	48[b]	1.26	−3.01	0.50	0.0	5	14[a]	7[a]	9[a]	se	Wilson Ferguson
Warren	Bradley	206	46	57 0	+ 1.0	82	18	27	25	42	3.42	−1.77	1.90	0.0	4	12	2	17	sw.	C. N. Turner
Whitecliffs	Little River	290	34	....	......	......	......	......	......	......	1.34	−2.85	0.79	0 0	3	17	5	9	......	L. M. Snead
White Rock †	Franklin	2285	4	48.1	......	81	31	18	14	36	1.01	......	0.34	T.	7	19	2	10	se.	U. S. Forest Service
Wilson	Mississippi	237	15	49.3	− 2.8	82	31	20	25	37	3.10	−2.31	0 89	1.5	6	15	3	13	n.	D. O. Anderson
Wynne	Cross	167	32	53.0	+ 1.4	82	31	22	25	44	2.16	−2.69	0.72	0.0	8	16	9	6	s.	B. M. Eddins
State Means				52.0	− 0.7	88	31	9	25	59	2.39	−2.27	3.25	0.7	7	14	7	10	s.	

Daily Precipitation for March, 1940

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser. †	Ouachita	T.						T.				T.	.46	.21									.21		.57			.19	.03	.02	.04		1.73
Amity	Ouachita																																....
Arkadelphia[2]	Ouachita												1.91	.71									.05		.01	.08			.51				3.27
Arkansas City[2]	Mississippi								T.			T.	1.02	3.25	.02									T.		.10			.18	T.	.87		5.44
Batesville Airway	White		T.					47	T.			.41	.59						.06					.49	.33			.16	.01	.87			3 39
Batesville River[2]	White							.14	.39			T.	.64	.72						.11					1.03				.25	.66	.11		4 05
Bee Branch	Arkansas							T.				.10	T	.50					T.				T.		.50			T.		.30			1.40
Benton[2]	Saline												.11	.48									.21		.40	.04			22		T.		1.46
Bentonville[1]‡	Arkansas	T.	T.					.23			.03	.25	.03						T					.48	.31				.39				1.72
Bethesda	White							.93				.16	.39						.22					.77				.07		.37			2.91
Big Lake Outlet †[2]	St. Francis			T.				.07	.23			T.	26	1.10					.14	.10	T.	T			.56	T.			.04	.34	.34		3.18
Black Rock[2]	White							.22	T.			.05	.15	.37						.16					.55					.41	T.		1.91
Blytheville[2]	St Francis							.36	.16			.13	.09	.92					.12	.30					.03					.38	.39		2 88
Booneville	Arkansas											.17	.39	.03					.03				.32		40			.03		.14			1.51
Boughton †[2]	Ouachita												1.98	.33									.05		.05	03			.66				3 10
Brinkley	White							.03	.05				.04	.58					T.				.20		.45				.17		.80		2.32
Calico Rock[2]	White							.20	.23			.20	.09	.19						.13					.80				.04	.10			1.98
Camden[2]	Ouachita												.97	.77									.01						.81	.02	.70		3 28
Clarendon[2]	White							.02	.04				.16	.56									15		.30	.05			.28	.08	.70		2.34
Clinton	White	T.						.22				.22	.08									.14			.29				.61				1.56
Conway	Arkansas							03	.03				.31	54									.59		.66			.09	.03	.12			2.50
Corning[2]	White							.40	.21			.09	.46	.29					.06	.05					.66				.01	.42			2 65
Cotter[2]	White							T.	.38			.32		.10										T.	.98					.55			2.33
Crossett [near]	Ouachita												.05	1.04														.47	.40	.54	75		3.25
Danville[2]	Arkansas								.03			.04	.02	39						T			.27	T.	.58				.08	.03			1.44
Dardanelle[2]	Arkansas											.07	06	32						.02			.55		48				.14	.19			1.83
De Queen	Red												.81										.07					.66					1 54
Des Arc[2]	White							T.	T.				10	.68								.31		.19	T.				09	.40	.38		2.15
Devils Knob †	Arkansas							.09	.02			.40	.54	.02									.09		.54				.03	.90			2 63
Dumas	Mississippi							T.	.02			T.	1.65	.60					T				T		.17			.35	T.	.34	.32		3.45
El Dorado[2]	Ouachita												.53	1.02															79		.50		2 84
England	Arkansas								T.				.70						T				20	50	25			T.	.28		.40		2.33
Eureka Springs	White							.63	05			.72	.03												1.08					.65			3.16
Fayetteville	White		T	T	T.			.25	T.		T.	.62	T	T					.01			T.	.01		.46					.23			1 58
Fayetteville Exp. S	White	T.	.01					.29	T.		T.	.43	T.	T.					.01				.01	T.	.54				T.	.51			1.80
Fordyce	Ouachita																																....
Fort Smith[1]‡	Arkansas							T.			.01	.15	.02									.32			.45			T.	.25				1.20
Fort Smith W. †[2]	Arkansas											.12	.01										.07		.51					.41			1.12
Fulton[2]	Red												.11	.93									.02		T				.72		.01		1 79
Georgetown[2]	White							T	.12				.05	1.20									.20		.45				.15	.20	30		2 67
Gilbert[2]	White							.09	09			.16	.04	.16						.13			.03		.98					.93			2 61
Glenwood[2]	Ouachita												.06	37									.15		.30				.58				1.46
Grannis	Red										T.	.05	.78										.20		.09			.65	.03	.16	T.		1.96
Gravette[2]	Arkansas			T					.47			.15	.11												.45								1.18
Green Mountain †	White							48	.05			.18	.05	.12					T.						.80			T.	.02	.22			1.90
Hankins †‡	Ouachita											.24	1.93								.50									.20	.12		2.99
Harrison	White							.32	.05			.64	.04		T.									.03	1.07					.33			2.48
Heber Springs	White							.10	.16			.24	.02	.54						.02			.06		.29				.09	.49	T.		2.01
Helena[2]	Mississippi			.08					.06				.25	.60	.04					.14			.12		.20	08			.80	.01	96		3.34
Higden	White	T.						21	.02			.13	.30	.09					.08						.39			T.	.02	.85			2.09
Highland	Ouachita												1.20										.13		.05			.78					2 16
Hope ‡‡[2]	Red												.14	1.03									.02						.83		.06		2 08
Hot Springs	Ouachita							.01					.19	.22									.25		.19			.34					1.20
Index †[2]	Red												T.	.90															.70				1.60
Irons Fork †‡‡[2]	Ouachita							.01				10	.02	.45									.27		.34				.15		.02		1.36
Jessieville	Ouachita							T.				T.	.63									.30			.35			.20	.08				1.56
Jonesboro[2]	White							.09	.28				.27	.58					.04	.14					.62				.17	.45	.20		2.84
Lead Hill	White		T.					.39	.05			.90	.02						T					T.	.72					.18			2 26
Little Rock[1]†	Arkansas		T.					.02				.04	.58	.02					T.			.01	09	.02	.29			.22	.01	.01	T.		1.31
LittleRock Air'y.[1]	Arkansas		T.					.01			T.	.07	.60	.03					T.			.01	.08	.04	.45			.22	T.	.01	T		1.52
Lutherville †	Arkansas	T.	T.					T.					.47	22					T.			.12			.68			.02	.06	.75			2 32
Madison[2]	St. Francis							.05	.05					.60						.25			.18		.27				45	.10	.60		2.55
Magnolia	Red												1.15	.20															1.48	1.02	.15		4.00
Mammoth Spg[2]	White							.24	.21			.36	.34	.16						.12					.70					.45			2 58
Marianna	St. Francis							.05	.03			.05	.15	65					.08				.11		T				.46	1.00	.42		3.00
Marked Tree[2]	St. Francis							.02	.49				.09	1.11						.25					.55				.20	.78	.57		4.06
Mena[2]	Ouachita							T.	T.			.07	.24	.41					T.	T			.21	T	.33	T.		T.	.21	T.	T		1.47
Monticello Airway	Ouachita							T.				T.	3.22	.67										T	.11			.38	.02	.67	T.		5.07
Monticello(near. †‡	Ouachita												2.95	.03														.18		.25	.16		3 57
Montongo †	Ouachita											.62	2.37								.61								.18	.27			4.05
Morrilton[2]	Arkansas							T.	T.			.02	.10	.70						T.			.27	T.	.43				.17	.10			1.79
Mountainburg	Arkansas							T.				.14	.02										.15		.44					.43			1.18
Mountain Home	White							.25				.45	.05						T.						.70					.40			1.85
Mountain Valley	Ouachita							.02				.01	.45	.04									.28		.56			.23	.02	.07			1.68
Mount Ida	Ouachita												.81										.27		.44			.17					1.69
Mount Ida CCC	Ouachita							T.				02	.52	.12									.22		.38			.18	T.	.02			1.46
Mulberry †[2]	Arkansas		.01									.17	.01	.11									.10		.42					.26			1.08
Nashville	Red												2.30										.08		.02			.70	.02	.01			3.08
Newport[2]	White							.03	.36			.01	.04	.59						.16				.01	.57				.12	.49	.26		2.64
Oden	Ouachita										.10											.33			35								0.78
Okay	Red											T.	.60	.60											.01			.72	.02	T.			1.95
Osceola[2]	Mississippi			.25				.05	.45			T.	.11	.55					T	.47					.79					.50	.46		3.63

Daily Precipitation for March, 1940 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Ozark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	.24	.09	.31	....	....	....	....	....	T	....	....	.09	....	.54	....	....	....	....	.24	....	....	1.51
Paragould	St. Francis	....	T.	....	....	....	....	.46	.01	....	....	.69	.04	.43	....	....	....	....	.24	....	....	....	....	....	.71	....	....	....	.10	.33	.16	....	3.17
Parkin[2]	St. Francis	....	....	....	....	....	....	....	.23	....	....	....	.07	.44	....	....	....	....	....	.35	....	....	.10	....	.25	....	....	....	.30	.10	.77	....	2.61
Pine Bluff[2]	Arkansas	....	....	....	....	....	....	....	T.	....	....	....	.42	.46	....	....	....	....	....	....	....	....	.12	T.	.06	.33	....	....	.26	.91	.56	....	3.12
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.18	....	....	....	....	....	....	....	....	.47	....	....	.81	....	....	....	....	....	....	....	1.46
Plantersville †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	.17	2.24	....	....	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	.11	.16	....	3.18
Pocahontas	White	....	....	....	....	....	....	.54	....	....	....	.63	....	.46	....	....	....	....	.15	....	....	....	....	....	.60	....	....	....	....	.35	....	....	2.73
Portland[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.42	1.55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	....	1.42	....	3.51
Prescott[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	49	.45	....	....	....	....	....	....	....	....	.07	....	.02	....	....	....	.72	....	.02	....	1.77
Rock Springs †	Ouachita	....	....	....	....	....	....	....	....	....	....	.14	2.50	....	....	....	....	....	....	....	.90	....	....	....	....	....	....	....	.14	.21	....	....	3.89
Rogers (near) †	White	....	....	....	....	....	....	.24	....	....	....	.62	.04	....	....	....	....	....	....	....	....	....	....	....	.79	....	....	....	....	.87	....	....	2.56
Rosebud †	Arkansas	....	....	....	....	....	....	....	....	....	....	T.	T.	.84	....	....	....	....	T.	....	....	....	.16	....	.57	....	....	.07	....	37	....	....	2.01
Ross †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	.54	2.09	....	....	....	....	....	....	....	30	....	....	....	....	....	....	....	....	.12	.18	....	3.23
Russellville ‡‡	Arkansas	....	....	....	....	....	....	....	....	....	....	.12	.25	.13	....	....	....	....	.04	....	....	....	.32	....	.48	....	....	.10	.02	.17	....	....	1.63
St. Charles[2]	White	....	....	....	....	....	....	T	.05	T.	....	....	.47	.57	.05	T.	....	....	T	T.	....	....	12	.24	.18	.20	....	....	.60	T.	.46	....	2.94
St. Francis[2]	St. Francis	....	....	....	....	....	....	.23	.52	....	....	.12	.70	.63	....	....	....	....	.09	.21	....	.02	T.	....	.64	.05	....	....	.15	.50	.16	....	4.02
Searcy	White	....	....	....	....	....	....	.03	.07	....	....	....	.03	.70	....	....	....	....	....	.22	....	....	.30	....	.39	....	....	....	.08	.21	.13	....	2.16
Spring Bank †[2]	Red	....	....	....	....	....	....	....	....	....	....	T.	25	1.33	T	....	....	....	....	....	....	....	.15	T	....	....	....	T.	.79	T.	.53	....	3.05
Story[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.58	....	....	....	....	....	....	....	....	.26	....	....	.38	....	....	.11	....	.28	....	....	1.61
Stuttgart[2]	Arkansas	....	....	....	....	....	....	....	.03	....	....	....	.33	.55	....	....	....	....	....	....	....	....	.17	53	.32	....	....	....	37	1.07	.70	....	4.07
Stuttgart ‡‡[2]	Arkansas	....	....	....	....	....	....	....	.02	....	....	....	.37	.60	....	....	....	....	....	T.	....	....	.13	.35	.47	....	....	....	.64	.44	.60	....	3.62
Subiaco	Arkansas	....	....	....	....	....	....	T	....	....	....	.12	38	T.	....	....	....	....	.13	....	....	....	29	....	.42	....	....	....	T.	.61	....	....	1.95
Texarkana[2]	Red	....	....	....	....	....	....	....	....	....	....	....	.40	1.05	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	.80	.30	....	....	2.70
Thornburg	Arkansas	....	....	....	....	....	....	T.	....	....	....	....	.37	.06	....	....	....	....	T	....	....	....	.17	....	.38	....	....	.11	.01	.10	....	....	1.20
Turnpike †	Arkansas	....	....	....	....	....	....	.06	.03	....	....	.27	.39	....	....	....	....	....	....	....	....	....	T.	....	.55	....	....	T.	.03	.66	....	....	1.99
Underwood †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Waldron	Arkansas	....	....	....	....	....	....	....	....	....	....	.10	.47	....	....	....	....	....	....	....	....	.07	.12	....	.50	....	....	....	....	....	....	....	1.26
Warren	Ouachita	....	....	....	....	....	....	....	....	....	....	....	1.90	.62	....	....	....	....	....	....	....	....	....	....	....	....	....	.65	....	.25	....	....	3.42
Whitecliffs[2]	Red	....	....	....	....	....	....	....	....	....	....	....	.10	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.79	....	T.	....	1.34
White Rock †	Arkansas	....	T.	T.	....	....	....	.04	T.	....	T.	.19	.09	T.	....	....	....	....	T.	....	....	....	.07	....	.24	....	....	....	.04	.34	....	....	1.01
Wilson[2]	Mississippi	....	....	....	51	....	....	....	.89	....	....	.35	.20	....	....	....	....	....	....	.40	....	....	....	....	.75	....	....	....	....	....	....	....	3.10
Wynne[2]	St. Francis	....	....	....	....	....	....	.10	....	....	....	T.	....	.46	....	....	....	....	.13	....	....	....	.20	....	23	....	....	.22	.10	....	.72	....	2.16

Daily Temperatures for March, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	75	74	72	59	62	67	64	64	64	63	59	62	61	45	70	71	69	69	68	69	76	67	58	55	44	64	63	73	73	80	80	65.8
	Minimum	45	44	39	43	28	36	38	35	27	43	46	45	32	27	25	49	45	43	31	33	39	41	39	27	24	27	49	55	57	46	52	39.0
Arkadelphia §§	Maximum	80	70	63	67	64	73	48	51	68	68	73	70	51	52	71	75	70	73	69	75	74	67	67	37	52	69	64	78	70	79	85	66.9
	Minimum	42	55	40	38	32	33	37	37	29	32	52	48	35	25	24	28	41	53	34	37	42	42	44	33	26	28	32	50	60	49	48	38.9
Batesville	Maximum	69	76	51	59	57	62	48	51	60	70	46	49	49	48	69	79	73	70	66	62	69	57	42	37	41	61	72	74	72	79	82	61.3
	Minimum	41	47	42	38	35	30	35	34	27	41	40	39	33	29	22	41	45	40	33	39	38	37	29	26	23	28	47	56	54	48	58	37.9
Bee Branch	Maximum	70	67	55	60	65	65	60	50	58	66	62	53	53	52	67	72	72	72	65	65	69	70	58	46	42	58	67	70	68	76	80	62.7
	Minimum	43	40	38	40	30	30	35	30	30	42	41	40	38	27	27	42	45	52	32	40	42	42	43	28	25	30	40	50	55	55	68	39 4
Benton §§	Maximum	79	72	61	65	63	70	48	56	65	64	58	71	50	50	71	74	74	75	69	67	76	60	59	34	45	66	67	75	69	80	86	65.1
	Minimum	33	51	40	40	28	29	30	35	24	26	50	45	35	24	22	27	37	41	30	30	33	34	40	29	24	27	31	51	55	47	42	35 2
Bentonville ***	Maximum	65	61	42	45	57	68	52	42	62	53	57	67	38	42	69	75	73	60	66	55	67	60	50	34	42	62	69	77	71	77	84	59.4
	Minimum	48	37	34	33	33	35	33	32	30	38	41	36	26	22	29	43	49	40	32	39	39	31	34	24	19	32	50	53	43	46	54	36.6
Blytheville	Maximum	67	78	59	57	56	61	55	50	58	62	50	60	54	47	63	74	73	62	64	59	69	57	47	36	37	64	74	75	68	75	82	61.1
	Minimum	45	55	43	40	37	30	33	33	28	39	41	41	40	27	26	41	40	43	35	39	40	33	33	22	19	28	47	55	57	52	53	38 5
Booneville	Maximum	75	77	49	56	63	73	68	55	70	64	60	66	54	49	74	79	72	68	71	68	74	67	65	50	47	67	66	79	75	82	86	65.7
	Minimum	50	47	38	40	26	32	39	35	28	44	45	45	30	22	22	38	41	49	29	35	41	45	42	31	25	30	48	58	48	42	50	38.5
Brinkley	Maximum	74	77	65	55	56	60	57	50	59	65	63	68	54	45	66	72	72	70	64	62	71	63	51	43	41	60	70	74	70	72	80	62.9
	Minimum	46	60	42	42	30	31	84	33	25	38	46	44	40	24	24	46	43	54	32	37	36	39	39	27	23	24	44	53	57	50	55	39 3
Camden	Maximum	79	75	64	64	66	73	73	56	68	73	76	75	65	53	70	73	72	76	69	68	80	74	72	72	52	68	67	77	76	77	83	70.5
	Minimum	55	57	38	34	34	32	45	39	27	44	57	55	36	28	26	39	44	57	35	39	38	48	45	32	24	28	41	52	58	50	48	41 5
Conway	Maximum	76	75	58	65	62	69	55	56	65	71	63	59	60	50	74	79	73	73	70	68	70	64	54	44	45	64	69	75	72	82	88	66.1
	Minimum	45	57	41	45	27	33	38	36	27	41	46	44	38	27	24	38	40	57	33	39	38	41	42	29	24	29	46	55	55	47	52	39.8
Corning	Maximum	70	79	66	60	52	59	55	51	57	57	49	49	52	48	62	72	75	67	67	64	68	66	50	38	38	58	75	71	70	80	84	61 6
	Minimum	41	56	42	41	35	28	33	32	27	35	39	39	39	30	25	44	48	50	32	44	40	33	32	25	19	26	46	55	54	51	59	38.7
Crossett	Maximum	77	82	70	65	66	72	62	56	66	75	73	85	72	53	73	76	73	78	70	75	81	69	76	62	50	69	75	77	74	79	85	71 5
	Minimum	57	64	38	33	36	30	46	38	25	43	52	53	38	25	23	38	35	55	33	38	37	45	45	35	25	29	42	52	61	52	46	40.9
Dardanelle	Maximum	71	69	55	61	62	70	65	56	66	68	63	54	54	48	75	80	74	71	69	68	74	72	60	50	45	67	69	78	75	82	88	66.4
	Minimum	45	54	41	45	30	32	42	36	29	41	45	44	34	27	25	37	41	55	32	39	40	41	43	31	25	32	51	56	54	45	54	40.2
De Queen	Maximum	74	70	63	68	67	75	68	59	68	66	78	70	61	54	72	75	70	69	69	74	78	70	71	64	55	63	62	79	77	79	84	69.4
	Minimum	50	52	41	33	30	33	44	33	31	44	59	55	31	27	26	32	41	61	34	38	43	48	47	39	29	31	49	60	61	49	50	42.0
Devils Knob	Maximum	65	60	44	52	58	61	56	45	56	60	51	54	53	40	63	70	64	61	61	58	67	61	52	38	41	53	62	67	68	73	79	57.8
	Minimum	51	40	31	35	26	42	31	28	30	47	41	46	23	27	29	46	49	42	38	41	38	31	38	21	18	25	47	52	42	51	55	37.5
Dumas	Maximum	80	81	64	60	62	70	56	57	67	74	73	82	63	52	71	77	76	77	67	74	80	67	63	45	48	70	77	80	71	77	85	69.2
	Minimum	52	62	42	38	33	35	40	37	27	44	54	55	37	30	31	37	47	57	36	42	40	47	45	31	25	27	48	57	58	52	52	42.5
El Dorado	Maximum	79	72	69	62	66	73	65	57	57	66	77	69	61	52	70	75	71	71	67	78	80	69	75	66	53	66	70	77	74	78	85	69.4
	Minimum	56	55	37	37	37	39	47	40	34	48	59	45	40	29	32	46	45	46	40	43	42	52	47	36	27	31	47	59	54	48	53	43.6
England	Maximum	78	81	80	56	56	70	57	55	70	76	62	..	73	60	71	74	75	75	67	67	64	67	58	48	45	65	72	71	70	75	84	67.4
	Minimum	49	56	40	41	29	34	38	34	29	40	47	..	36	28	27	45	45	50	32	40	36	42	39	28	25	27	42	50	53	49	49	39.3
Eureka Springs	Maximum	70	62	45	47	60	70	62	55	65	61	48	61	61	43	71	76	73	64	67	62	67	60	53	40	38	65	72	75	72	77	84	62.1
	Minimum	47	43	33	41	33	38	33	30	28	42	40	40	26	20	28	47	54	42	33	39	38	30	39	23	16	29	52	57	46	48	58	37.8
Fayetteville	Maximum	71	66	42	48	56	67	63	42	61	60	65	69	62	41	68	74	72	66	66	63	67	60	59	44	46	61	67	76	75	77	84	62.5
	Minimum	54	40	34	35	32	32	34	31	26	40	44	53	25	22	26	45	50	42	28	39	41	33	43	25	22	34	51	56	45	42	56	38.1
Fayetteville Exp. S	Maximum	71	64	42	48	58	66	62	43	60	60	65	67	61	42	68	73	70	66	65	62	67	61	59	41	45	61	67	75	75	74	83	62.0
	Minimum	48	40	34	35	33	33	34	32	28	39	43	51	26	22	28	44	52	42	29	37	42	32	41	25	22	33	51	57	46	42	55	37.9
Fordyce	Maximum	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Fort Smith ***	Maximum	70	67	49	55	58	73	47	52	68	61	56	57	44	48	73	76	73	63	69	67	72	63	60	42	48	69	66	79	72	79	86	63.3
	Minimum	53	41	40	36	32	39	38	35	33	49	47	41	31	25	29	48	45	43	34	41	45	42	42	33	29	34	52	58	53	48	54	41.0
Gilbert §§	Maximum	69	71	52	58	62	66	50	52	61	63	44	52	47	48	73	80	73	66	70	61	71	62	44	34	42	63	60	75	72	83	84	61.5
	Minimum	27	46	36	35	33	21	27	32	22	24	38	37	30	21	14	22	35	56	25	26	32	32	34	23	14	32	56	48	44	37	41	32.3
Grannis	Maximum	72	67	60	63	65	73	69	55	67	63	75	66	58	51	70	72	70	66	68	74	76	68	71	58	54	63	58	77	74	78	82	67.2
	Minimum	52	47	37	35	39	37	39	32	31	45	54	52	28	24	30	38	41	53	33	39	41	45	41	33	25	28	48	56	54	47	50	40.5
Gravette §§	Maximum	68	55	42	43	60	70	47	40	63	50	63	70	44	43	72	76	72	60	69	55	67	63	63	34	45	62	69	79	73	78	87	60.7
	Minimum	36	51	33	34	32	32	37	32	29	34	36	43	25	20	22	30	36	51	26	33	38	30	32	24	19	22	36	52	40	38	42	33.7
Green Mountain	Maximum	66	70	58	51	56	61	56	45	58	60	57	47	51	42	69	77	73	63	65	63	66	64	55	37	36	59	70	71	70	77	81	60.5
	Minimum	48	54	33	37	31	36	31	29	30	42	36	36	30	21	28	48	49	44	38	41	36	30	32	22	18	24	44	59	51	46	57	37.5
Harrison	Maximum	65	65	48	49	57	66	57	46	61	58	47	49	50	42	70	79	73	63	67	65	67	58	55	39	39	62	73	75	70	80	86	60.7
	Minimum	38	47	35	36	34	27	33	32	25	37	39	39	29	23	22	38	46	45	28	32	34	32	37	24	17	28	47	56	46	43	55	35.6
Helena	Maximum	75	78	67	55	56	63	60	51	60	70	66	76	71	45	65	73	74	70	64	63	73	67	57	44	43	63	75	75	72	72	80	65.3
	Minimum	53	61	42	41	33	33	38	32	29	42	47	46	37	25	27	44	45	53	34	43	39	39	38	29	20	27	47	54	57	50	52	40.5
Highland	Maximum	74	69	63	65	63	72	63	56	67	67	72	68	63	52	70	72	67	70	66	73	76	71	68	61	51	63	61	72	73	76	83	67.3
	Minimum	54	50	38	37	31	39	41	32	32	47	56	54	31	26	32	43	46	55	39	47	40	47	44	32	26	28	49	57	60	52	51	42.5
Hope §§ ‡‡	Maximum	77	66	64	64	64	73	48	57	67	69	78	71	50	52	70	73	70	73	68	74	78	68	72	39	53	65	62	78	67	78	84	66.8
	Minimum	43	57	37	40	35	34	35	35	30	31	53	54	36	28	29	31	45	52	36	40	41	43	46	36	27	29	35	54	61	51	54	40 6
Hot Springs	Maximum	77	72	59	62	63	69	70	55	65	69	62	65	65	53	70	74	66	69	69	70	75	74	81	57	68	67	70	75	72	79	84	68.6
	Minimum	54	56	40	37	32	34	43	36	31	45	53	48	34	28	29	50	47	60	36	40	40	44	42	30	32	55	48	59	55	46	52	43.1

Daily Temperatures for March, 1940. Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	72	60	53	56	63	71	39	51	65	60	67	68	44	48	69	74	67	63	68	70	74	65	66	33	49	65	62	74	70	78	83	62.8
	Minimum	43	54	35	37	24	25	37	31	23	37	52	50	26	23	20	37	48	51	26	31	38	42	38	31	22	28	36	53	53	37	33	36.2
Jonesboro	Maximum	66	79	66	58	54	63	54	50	59	64	53	53	52	46	65	77	73	68	66	61	67	63	47	38	37	62	74	72	69	78	83	61.8
	Minimum	42	53	40	40	31	28	31	32	27	35	39	39	37	26	25	44	47	50	34	42	38	34	34	24	21	26	44	53	54	50	56	37.9
Lead Hill...........	Maximum	66	66	51	45	59	60	59	42	60	56	47	48	48	39	63	66	66	66	66	62	63	55	53	42	35	62	63	70	70	68	81	58.0
	Minimum	32	41	35	34	33	21	31	30	21	27	37	37	29	22	16	27	29	43	21	29	31	28	35	24	9	27	29	56	40	38	46	30.9
Little Rock..***	Maximum	95	74	55	60	59	64	54	52	63	64	54	68	51	46	70	73	68	72	63	63	72	56	55	39	43	62	69	75	68	77	84	62.8
	Minimum	52	45	42	39	34	39	37	37	36	46	46	44	36	28	30	48	49	45	41	44	40	43	39	28	27	30	50	58	57	55	54	41.9
Little Rock.....*** [Airway]	Maximum	76	75	57	62	60	66	54	55	64	65	55	69	53	48	70	75	69	73	64	65	74	57	57	40	45	62	68	75	68	79	84	64.0
	Minimum	47	46	42	39	33	35	37	36	28	46	46	44	35	28	26	46	43	45	37	40	38	42	39	28	26	28	45	57	56	54	52	40.1
Lutherville.........	Maximum	68	65	52	61	57	64	60	53	63	64	62	53	55	41	70	76	70	69	66	71	70	65	53	41	40	60	66	76	71	74	85	62.6
	Minimum	51	46	38	40	27	35	38	32	28	42	45	44	31	22	27	45	44	47	31	41	38	38	37	26	21	30	46	55	51	47	52	38.5
Magnolia...........	Maximum	81	74	71	65	65	74	71	56	69	75	80	77	66	53	71	74	75	76	69	76	80	81	65	56	55	68	75	79	78	77	84	71.5
	Minimum	57	63	38	35	38	38	45	37	33	48	60	59	36	29	31	42	47	47	37	42	44	40	38	36	28	32	50	50	58	55	55	43.5
Mammoth Spring.	Maximum	65	74	66	56	55	62	53	48	57	59	45	49	49	43	68	76	75	65	68	62	68	58	52	40	39	58	75	72	73	79	85	61.1
	Minimum	37	61	38	40	34	25	33	32	23	30	38	37	36	27	19	33	36	48	27	39	39	31	34	25	16	28	45	50	48	45	44	35.4
Marianna...	Maximum	76	78	70	57	55	63	60	52	60	..	69	75	68	46	66	75	..	74	65	63	73	68	55	48	42	63	74	76	74	75	81	65.6
	Minimum	49	64	44	43	35	31	37	34	28	..	44	47	43	29	28	48	..	44	37	41	40	40	40	29	25	27	49	56	59	53	54	41.3
Marked Tree....§§	Maximum	72	77	48	45	50	61	44	49	57	70	46	64	45	45	65	76	73	67	62	61	68	53	45	34	40	62	75	71	65	75	81	59.5
	Minimum	35	48	42	40	34	27	38	31	27	35	42	40	40	26	21	37	43	45	33	40	37	34	36	25	21	26	35	50	54	50	52	36.9
Mena..............	Maximum	75	66	56	59	65	73	64	53	67	62	67	70	58	49	70	75	70	65	70	74	78	70	67	58	51	66	59	77	70	80	84	66.7
	Minimum	53	54	38	41	28	36	38	34	29	46	53	51	27	25	30	44	46	52	34	40	41	45	42	31	25	29	49	57	55	46	53	41.0
Monticello.	Maximum	76	80	65	60	63	..	66	54	65	72	73	79	62	50	69	74	72	77	66	74	78	71	66	58	50	[illegible]	72	77	72	77	83	69.0
	Minimum	57	64	40	39	36	39	42	37	31	46	58	54	36	28	30	44	45	56	38	42	44	48	46	31	26	30	50	57	59	53	50	43 7
Morrilton ....§§	Maximum	72	74	54	61	60	61	50	54	66	70	50	55	46	41	72	79	73	72	68	65	72	57	51	34	44	64	71	75	70	80	87	62.8
	Minimum	37	51	40	42	27	29	36	36	27	28	45	43	37	28	25	27	40	50	32	36	37	41	41	31	26	28	32	53	54	43	48	37.1
Mountain Home...	Maximum	64	72	48	50	59	65	55	48	62	58	48	47	48	44	72	81	78	64	70	60	69	60	51	38	41	63	77	78	72	79	82	61.4
	Minimum	44	46	36	37	34	29	32	30	25	33	37	37	30	22	20	39	42	43	28	37	36	30	28	24	16	26	46	56	46	44	50	34.9
Mt. Ida	Maximum	76	71	56	63	68	72	64	57	67	62	67	69	60	50	72	76	68	68	72	73	79	70	65	53	49	67	63	78	74	83	85	67.7
	Minimum	43	51	40	40	26	26	39	35	22	37	44	49	32	25	19	49	44	55	27	28	30	43	37	31	23	25	44	57	54	41	45	37.5
Nashville...........	Maximum	75	70	62	65	65	73	68	57	67	67	79	69	64	59	70	72	69	70	66	73	77	68	69	57	51	63	65	78	75	78	83	68.5
	Minimum	50	52	40	36	33	36	42	31	34	45	57	54	31	28	29	39	41	50	37	40	45	50	46	34	29	31	45	58	61	49	50	42 0
Newport...........	Maximum	72	78	62	61	55	62	59	52	60	69	59	51	51	47	67	77	73	71	65	63	69	64	51	42	40	61	73	75	72	77	83	63.3
	Minimum	41	59	43	42	36	27	34	34	26	40	42	41	38	26	23	44	40	55	31	37	39	37	38	27	24	27	44	57	56	50	55	39.1
Oden......... ..***	Maximum	75	66	54	59	65	72	58	54	67	61	67	69	45	49	71	76	68	67	70	72	76	67	67	38	51	68	65	78	70	80	84	65.5
	Minimum	58	42	39	40	29	31	38	33	26	44	54	51	34	26	23	50	49	40	31	38	39	44	39	31	24	28	52	60	57	46	47	40.1
		78	76	74	66	67	74	72	59	77	68	80	70	66	55	72	74	72	72	66	74	79	77	72	72	53	64	65	80	79	79	85	71.5
															26	26	35	47	61	34	38	43	50	47	37	28	32	48	59	64	68	73	43.5
																													79	77	80	87	65.1

Climatological Data: Arkansas Section

Corrections for December, 1939

Camden, greatest precipitation in 24 hours 1,74 inches. Conway, number of clear days 18, cloudy 9. Ft.
Smith, total snowfall 2.7 inches. Gravette, total precipitation, 2.21 inches; departure −0.20: total snow-
fall 3.0; days with 0.01 inch or more precipitation 5. High Peak, wind direction NW. Hot Springs, days
with 0.01 inch or more precipitation 9. Lutherville, mean temperature 45.5°; departure +4.1. Mammoth
Spring, total precipitation 2.06; departure −1.32; greatest precipitation in 24 hours 0.61 inch. Marked
Tree, no rainfall 31st, total precipitation for month 2.97 inches, departure −1.67; total snowfall T., days
with 0.01 or more precipitation 7. Mount Ida, greatest daily range 55°. Rosebud, rainy days 3. Russell-
ville, total precipitation 2.00 inches; departure −1.01.

Corrections for January, 1940

Devils Knob, highest temperature on 17th. Dumas, days with precipitation 0.01 inch or more 8. Gran-
nis, total snowfall 3.7 inches. Fort Smith, minimum on 1st, 23°; on 3d, 23°; on 22d 14°; mean minimum
18.5°; barometric pressure, highest, sea level, 30.76. Highland, total precipitation 1.06 inches, departure
−3.52. Mammoth Spring, lowest temperature on the 19th. Marianna, total snowfall 3.6 inches. Marked
Tree, total snowfall 5.5 inches. Pine Bluff, total snowfall 3.7 inches. Waldron, total snowfall 7.8 inches.
Warren, mean temperature 33.4°.

Corrections for February, 1940

Camden, monthly mean temperature 46.0, departure −1.2. Devils Knob, monthly mean temperature
36 4°. Gilbert, maximum temperature 29th, 74°; mean maximum 48.7°. Gravette, highest temperature
74° on 29th. Jonesboro, lowest temperature 20° on 3d. Mammoth Spring, total snowfall 3.0 inches.
Oden, number clear days 7^{b}, partly cloudy 6^{b}, cloudy 14^{b}; days with 0.01 inch or more precipitation, 11;
lowest temperature 18° on 14th. Rogers, mean monthly temperature 39.0°; departure −0.5. St. Charles,
highest temperature on 26§. Subiaco, lowest temperature on the 14§. Thornburg, lowest temperature
13° on the 14th.

Station	Data	Day of month																															Monthl
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.192	.100	.291	.151	.100	.120	.207	111	.112	.130	.069	.110	.179	.098	.142	.232	.218	.092	.216	.130	.153	.169	.179	....	....	.168	.140	*	218	.07[illegible]	.187	4.583
	Mean tem.	60	62	50	52	54	54	42	48	48	50	66	62	43	45	50	52	58	62	52	57	60	56	59	38	40	47	48	6[illegible]	64	64	69	53.7
	Wind move	40	92	152	59	36	26	113	103	43	45	40	51	70	67	64	99	58	91	82	23	29	55	56	87	103	76	36	47	7[illegible]	44	14	1971
Irons Fork,.. §§ Exp. Forest	Evap.	.126	.074	.129	.063	.068	.. .	.163	.037	.086	.114	.005	.002	.025	.071	.123	.146	.179	.087	.073	.099	.134	.135	.128	.145	.027	.102	.106	*	112	.086	.167	2.906
	Mean tem.	58	57	44	42	44	48	38	41	44	48	60	59	35	36	44	56	58	57	47	50	56	54	52	32	36	46	49	64	62	58	59	49.5
	Wind move	9	48	32	8	7	4	30	31	9	21	6	15	19	18	19	18	33	61	17	3	20	7	11	27	12	29	35	50	36	7	20	662
Russellville,... Ozark Nursery.	Evap.	.084	.144	.220	.098	.118	.130	.128	.104	.138	.074	.036	.022	.148	146	.122	.264	142	.124	.124	.164	.162	.180	.192	.148	.080	.136	.124	.054	.170	.202	.214	4.192
	Mean tem.	57	64	54	52	46	50	44	46	46	52	56	50	44	38	49	56	55	63	50	52	56	56	51	40	36	48	58	66	64	62	66	52.8
	Wind move	20	74	130	60	37	28	98	74	33	11	37	27	130	92	32	61	58	60	26	26	26	44	59	71	56	48	37	45	40	24	32	1596
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.096	.138	.266	.088	.065	.076	.151	.030	*	.214	.084	.018	....	*	*	.416	.184	.122	.070	.108	.155	....	157	.092	*	*	.227	.113	.095	.019	.142	3.342
	Mean tem.	58	63	50	52	42	49	46	44	45	53	54	61	43	36	48	54	56	63	50	52	56	50	48	32	35	46	53	64	62	63	66	51.5
	Wind move	36	58	294	68	39	30	105	163	34	79	55	59	103	118	104	100	74	143	81	11	56	62	77	151	66	96	51	93	106	64	39	2615

Daily Precipitation for March, 1940 Continued

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Ozark [2]	Arkansas	....	....	....	....	....	....	....	....	....	....	.24	.09	.31	....	....	....	....	....	T	....	....	.09	....	.54	....	....	....	....	.24	....	....	1.51
Paragould	St. Francis	....	T.	....	....	....	....	.46	.01	....	....	.69	.04	.43	....	....	....	....	.24	....	....	....	....	....	.71	....	....	....	.10	.33	.16	....	3.17
Parkin [2]	St. Francis	....	....	....	....	....	....	....	.23	....	....	....	.07	.44	....	....	....	....	....	.35	....	....	.10	....	.25	....	....	....	.30	.10	.77	....	2.61
Pine Bluff [2]	Arkansas	....	....	....	....	....	....	....	T.	....	....	....	.42	.46	....	....	....	....	....	....	....	....	.12	T.	.06	.33	....	....	.26	.91	.56	....	3.12
Pine Ridge [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.18	....	....	....	....	....	....	....	....	.47	....	....	.81	....	....	....	....	....	....	....	1.46
Plantersville †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	.17	2.24	....	....	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	.11	.16	....	3.18
Pocahontas	White	....	....	....	....	....	....	.54	....	....	....	.63	....	.46	....	....	....	....	.15	....	....	....	....	....	.60	....	....	....	....	.35	....	....	2.73
Portland [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.42	1.55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	....	1.42	....	3.51
Prescott [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	49	.45	....	....	....	....	....	....	....	....	.07	....	.02	....	....	....	.72	....	.02	....	1.77
Rock Springs †	Ouachita	....	....	....	....	....	....	....	....	....	....	.14	2.50	....	....	....	....	....	....	....	.90	....	....	....	....	....	....	....	.14	.21	....	....	3.89
Rogers (near) †	White	....	....	....	....	....	....	.24	....	....	....	.62	.04	....	....	....	....	....	....	....	....	....	....	....	.79	....	....	....	....	.87	....	....	2.56
Rosebud †	Arkansas	....	....	....	....	....	....	....	....	....	....	T.	T.	.84	....	....	....	....	T.	....	....	....	.16	....	.57	....	....	.07	....	37	....	....	2.01
Ross †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	.54	2.09	....	....	....	....	....	....	....	30	....	....	....	....	....	....	....	....	.12	.18	....	3.23
Russellville ‡‡	Arkansas	....	....	....	....	....	....	....	....	....	....	.12	.25	.13	....	....	....	....	.04	....	....	....	.32	....	.48	....	....	.10	.02	.17	....	....	1.63
St. Charles [2]	White	....	....	....	....	....	....	T	.05	T.	....	....	.47	.57	.05	T.	....	....	T	T.	....	....	12	.24	.18	.20	....	....	.60	T.	.46	....	2.94
St. Francis [2]	St. Francis	....	....	....	....	....	....	.23	.52	....	....	.12	.70	.63	....	....	....	....	.09	.21	....	.02	T.	....	.64	.05	....	....	.15	.50	.16	....	4.02
Searcy	White	....	....	....	....	....	....	.03	.07	....	....	....	.03	.70	....	....	....	....	....	.22	....	....	.30	....	.39	....	....	....	.08	.21	.13	....	2.16
Spring Bank †[2]	Red	....	....	....	....	....	....	....	....	....	....	T.	25	1.33	T	....	....	....	....	....	....	....	.15	T	....	....	....	T.	.79	T.	.53	....	3.05
Story [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	.58	....	....	....	....	....	....	....	....	.26	....	....	.38	....	....	.11	....	.28	....	....	1.61
Stuttgart [2]	Arkansas	....	....	....	....	....	....	....	.03	....	....	....	.33	.55	....	....	....	....	....	....	....	....	.17	53	.32	....	....	....	37	1.07	.70	....	4.07
Stuttgart ‡‡[2]	Arkansas	....	....	....	....	....	....	....	.02	....	....	....	.37	.60	....	....	....	....	....	T.	....	....	.13	.35	.47	....	....	....	.64	.44	.60	....	3.62
Subiaco	Arkansas	....	....	....	....	....	....	T.	....	....	....	.12	38	T.	....	....	....	....	.13	....	....	....	29	....	.42	....	....	....	T.	.61	....	....	1.95
Texarkana [2]	Red	....	....	....	....	....	....	....	....	....	....	....	.40	1.05	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	.80	.30	....	....	2.70
Thornburg	Arkansas	....	....	....	....	....	....	T.	....	....	....	....	.37	.06	....	....	....	....	T	....	....	....	.17	....	.38	....	....	.11	.01	.10	....	....	1.20
Turnpike †	Arkansas	....	....	....	....	....	....	.06	.03	....	....	.27	.39	....	....	....	....	....	....	....	....	....	T.	....	.55	....	....	T.	.03	.66	....	....	1.99
Underwood †‡	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Waldron	Arkansas	....	....	....	....	....	....	....	....	....	....	.10	.47	....	....	....	....	....	....	....	....	.07	.12	....	.50	....	....	....	....	....	....	....	1.26
Warren	Ouachita	....	....	....	....	....	....	....	....	....	....	....	1.90	.62	....	....	....	....	....	....	....	....	....	....	....	....	....	.65	....	.25	....	....	3.42
Whitecliffs [2]	Red	....	....	....	....	....	....	....	....	....	....	....	.10	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.79	....	T.	....	1.34
White Rock †	Arkansas	....	T.	T.	....	....	....	.04	T.	....	T.	.19	.09	T.	....	....	....	....	T.	....	....	....	.07	....	.24	....	....	....	.04	.34	....	....	1.01
Wilson [2]	Mississippi	....	....	....	.51	....	....	....	.89	....	....	.35	.20	....	....	....	....	....	....	.40	....	....	....	....	.75	....	....	....	....	....	....	....	3.10
Wynne [2]	St. Francis	....	....	....	....	....	....	.10	....	....	....	T.	....	.46	....	....	....	....	.13	....	....	....	.20	....	23	....	....	.22	.10	....	.72	....	2.16

Daily Temperatures for March, 1940

Fort Smith***	Maximum	70	67	49	55	58	73	47	52	68	61	56	57	44	48	73	76	73	63	69	67	72	63	60	42	48	69	66	79	72	79	86	63.3
	Minimum	53	41	40	36	32	39	38	35	33	49	47	41	31	25	29	48	45	43	34	41	45	42	42	33	29	34	52	58	53	48	54	41.0
Gilbert§§	Maximum	69	71	52	58	62	66	50	52	61	63	44	52	47	48	73	80	73	66	70	61	71	62	44	34	42	63	60	75	72	83	84	61.5
	Minimum	27	46	36	35	33	21	27	32	22	24	38	37	30	21	14	22	35	56	25	26	32	32	34	23	14	32	56	48	44	37	41	32.3
Grannis	Maximum	72	67	60	63	65	73	69	55	67	63	75	66	58	51	70	72	70	66	68	74	76	68	71	58	54	63	58	77	74	78	82	67.2
	Minimum	52	47	37	35	39	37	39	32	31	45	54	52	28	24	30	38	41	53	33	39	41	45	41	33	25	28	48	56	54	47	50	40.5
Gravette§§	Maximum	68	55	42	43	60	70	47	40	63	50	63	70	44	43	72	76	72	60	69	55	67	63	63	34	45	62	69	79	73	78	87	60.7
	Minimum	36	51	33	34	32	32	37	32	29	34	36	43	25	20	22	30	36	51	26	33	38	30	32	24	19	22	36	52	40	38	42	33.7
Green Mountain	Maximum	66	70	58	51	56	61	56	45	58	60	57	47	51	42	69	77	73	63	65	63	66	64	55	37	36	59	70	71	70	77	81	60.5
	Minimum	48	54	33	37	31	36	31	29	30	42	36	36	30	21	28	48	49	44	38	41	36	30	32	22	18	24	44	59	51	46	57	37.5
Harrison	Maximum	65	65	48	49	57	66	57	46	61	58	47	49	50	42	70	79	73	63	67	65	67	58	55	39	39	62	73	75	70	80	86	60.7
	Minimum	38	47	35	36	34	27	33	32	25	37	39	39	29	23	22	38	46	45	28	32	34	32	37	24	17	28	47	56	46	43	55	35.6
Helena	Maximum	75	78	67	55	56	63	60	51	60	70	66	76	71	45	65	73	74	70	64	63	73	67	57	44	43	63	75	75	72	72	80	65.3
	Minimum	53	61	42	41	33	33	38	32	29	42	47	46	37	25	27	44	45	53	34	43	39	39	38	29	20	27	47	54	57	50	52	40.5
Highland	Maximum	74	69	63	65	63	72	63	56	67	67	72	68	63	52	70	72	67	70	66	73	76	71	68	61	51	63	61	72	73	76	83	67.3
	Minimum	54	50	38	37	31	39	41	32	32	47	56	54	31	26	32	43	46	55	39	47	40	47	44	32	26	28	49	57	60	52	51	42.5
Hope §§ ‡‡	Maximum	77	66	64	64	64	73	48	57	67	69	78	71	50	52	70	73	70	73	68	74	78	68	72	39	53	65	62	78	67	78	84	66.8
	Minimum	43	57	37	40	35	34	35	35	30	31	53	54	36	28	29	31	45	52	36	40	41	43	46	36	27	29	35	54	61	51	54	40 6
Hot Springs	Maximum	77	72	59	62	63	69	70	55	65	69	62	65	65	53	70	74	66	69	69	70	75	74	81	57	68	67	70	75	72	79	84	68.6
	Minimum	54	56	40	37	32	34	43	36	31	45	53	48	34	28	29	50	47	60	36	40	40	44	42	30	32	55	48	59	55	46	52	43.1

Daily Temperatures for March, 1940. Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	72	60	53	56	63	71	39	51	65	60	67	68	44	48	69	74	67	63	68	70	74	65	66	33	49	65	62	74	70	78	83	62.8
	Minimum	43	54	35	37	24	25	37	31	23	37	52	50	26	23	20	37	48	51	26	31	38	42	38	31	22	28	36	53	53	37	33	36.2
Jonesboro	Maximum	66	79	66	58	54	63	54	50	59	64	53	53	52	46	65	77	73	68	66	61	67	63	47	38	37	62	74	72	69	78	83	61.8
	Minimum	42	53	40	40	31	28	31	32	27	35	39	39	37	26	25	44	47	50	34	42	38	34	34	24	21	26	44	53	54	50	56	37.9
Lead Hill..........	Maximum	66	66	51	45	59	60	59	42	60	56	47	48	48	39	63	66	66	66	66	62	63	55	53	42	35	62	63	70	70	68	81	58.0
	Minimum	32	41	35	34	33	21	31	30	21	27	37	37	29	22	16	27	29	43	21	29	31	28	35	24	9	27	29	56	40	38	46	30.9
Little Rock. .* **	Maximum	95	74	55	60	59	64	54	52	63	64	54	68	51	46	70	73	68	72	63	63	72	56	55	39	43	62	69	75	68	77	84	62.8
	Minimum	52	45	42	39	34	39	37	37	36	46	46	44	36	28	30	48	49	45	41	44	40	43	39	28	27	30	50	58	57	55	54	41.9
Little Rock.....*** [Airway]	Maximum	76	75	57	62	60	66	54	55	64	65	55	69	53	48	70	75	69	73	64	65	74	57	57	40	45	62	68	75	68	79	84	64.0
	Minimum	47	46	42	39	33	35	37	36	28	46	46	44	35	28	26	46	43	45	37	40	38	42	39	28	26	28	45	57	56	54	52	40.1
Lutherville........	Maximum	68	65	52	61	57	64	60	53	63	64	62	53	55	41	70	76	70	69	66	71	70	65	53	41	40	60	66	76	71	74	85	62.6
	Minimum	51	46	38	40	27	35	38	32	28	42	45	44	31	22	27	45	44	47	31	41	38	38	37	26	21	30	46	55	51	47	52	38.5
Magnolia..........	Maximum	81	74	71	65	65	74	71	56	69	75	80	77	66	53	71	74	75	76	69	76	80	81	65	56	55	68	75	79	78	77	84	71.5
	Minimum	57	63	38	35	38	38	45	37	33	48	60	59	36	29	31	42	47	47	37	42	44	40	38	36	28	32	50	50	58	55	55	43.5
Mammoth Spring.	Maximum	65	74	66	56	55	62	53	48	57	59	45	49	49	43	68	76	75	65	68	62	68	58	52	40	39	58	75	72	73	79	85	61.1
	Minimum	37	61	38	40	34	25	33	32	23	30	38	37	36	27	19	33	36	48	27	39	39	31	34	25	16	28	45	50	48	45	44	35.4
Marianna...	Maximum	76	78	70	57	55	63	60	52	60	..	69	75	68	46	66	75	..	74	65	63	73	68	55	48	42	63	74	76	74	75	81	65.6
	Minimum	49	64	44	43	35	31	37	34	28	..	44	47	43	29	28	48	..	44	37	41	40	40	40	29	25	27	49	56	59	53	54	41.3
Marked Tree....§§	Maximum	72	77	48	45	50	61	44	49	57	70	46	64	45	45	65	76	73	67	62	61	68	53	45	34	40	62	75	71	65	75	81	59.5
	Minimum	35	48	42	40	34	27	38	31	27	35	42	40	40	26	21	37	43	45	33	40	37	34	36	25	21	26	35	50	54	50	52	36.9
Mena..............	Maximum	75	66	56	59	65	73	64	53	67	62	67	70	58	49	70	75	70	65	70	74	78	70	67	58	51	66	59	77	70	80	84	66.7
	Minimum	53	54	38	41	28	36	38	34	29	46	53	51	27	25	30	44	46	52	34	40	41	45	42	31	25	29	49	57	55	46	53	41.0
Monticello.	Maximum	76	80	65	60	63	..	66	54	65	72	73	79	62	50	69	74	72	77	66	74	78	71	66	58	50	68	72	77	72	77	83	69.0
	Minimum	57	64	40	39	36	39	42	37	31	46	58	54	36	28	30	44	45	56	38	42	44	48	46	31	26	30	50	57	59	53	50	43.7
Morrilton ....§§	Maximum	72	74	54	61	60	61	50	54	66	70	50	55	46	41	72	79	73	72	68	65	72	57	51	34	44	64	71	75	70	80	87	62.8
	Minimum	37	51	40	42	27	29	36	36	27	28	45	43	37	28	25	27	40	50	32	36	37	41	41	31	26	28	32	53	54	43	48	37.1
Mountain Home...	Maximum	64	72	48	50	59	65	55	48	62	58	48	47	48	44	72	81	78	64	70	60	69	60	51	38	41	63	77	78	72	79	82	61.4
	Minimum	44	46	36	37	34	29	32	30	25	33	37	37	30	22	20	39	42	43	28	37	36	30	28	24	16	26	46	56	46	44	50	34.9
Mt. Ida	Maximum	76	71	56	63	68	72	64	57	67	62	67	69	60	50	72	76	68	68	72	73	79	70	65	53	49	67	63	78	74	83	85	67.7
	Minimum	43	51	40	40	26	26	39	35	22	37	44	49	32	25	19	49	44	55	27	28	30	43	37	31	23	25	44	57	54	41	45	37.5
Nashville..........	Maximum	75	70	62	65	65	73	68	57	67	67	79	69	64	59	70	72	69	70	66	73	77	68	69	57	51	63	65	78	75	78	83	68.5
	Minimum	50	52	40	36	33	36	42	31	34	45	57	54	31	28	29	39	41	50	37	40	45	50	46	34	29	31	45	58	61	49	50	42.0
Newport...........	Maximum	72	78	62	61	55	62	59	52	60	69	59	51	51	47	67	77	73	71	65	63	69	64	51	42	40	61	73	75	72	77	83	63.3
	Minimum	41	59	43	42	36	27	34	34	26	40	42	41	38	26	23	44	40	55	31	37	39	37	38	27	24	27	44	57	56	50	55	39.1
Oden......... ..***	Maximum	75	66	54	59	65	72	58	54	67	61	67	69	45	49	71	76	68	67	70	72	76	67	67	38	51	68	65	78	70	80	84	65.5
	Minimum	58	42	39	40	29	31	38	33	26	44	54	51	34	26	23	50	49	40	31	38	39	44	39	31	24	28	52	60	57	46	47	40.1
Okay.....	Maximum	78	76	74	66	67	74	72	59	77	68	80	70	66	55	72	74	72	72	66	74	79	77	72	72	53	64	65	80	79	79	85	71.5
	Minimum	56	40	35	35	29	33	44	30	30	51	59	55	35	26	26	35	47	61	34	38	43	50	47	37	28	32	48	59	64	68	73	43.5
Ozark..............	Maximum	67	68	50	56	60	68	62	52	67	63	62	57	56	48	72	77	75	66	68	67	72	68	65	52	47	64	66	79	77	80	87	65.1
	Minimum	55	46	38	30	26	32	41	37	31	41	47	47	40	27	25	37	38	52	31	37	44	39	44	32	24	32	47	58	49	40	44	39.1
Paragould....... .	Maximum	66	76	66	55	55	58	51	47	55	59	52	51	51	44	61	70	70	65	60	59	65	62	46	39	34	57	70	69	68	75	78	59.2
	Minimum	40	53	41	41	33	27	32	32	27	33	39	39	38	27	27	39	44	52	33	42	39	33	31	24	19	25	45	53	55	52	56	37.8
Pine Bluff.........	Maximum	80	79	64	62	61	69	59	56	67	70	64	74	63	52	71	75	72	76	67	70	78	68	61	46	47	67	74	78	72	78	85	67.9
	Minimum	50	57	43	42	35	39	40	38	33	48	51	50	39	28	30	49	49	57	38	43	41	46	42	31	28	29	47	59	57	54	54	43.5
Pocahontas.......	Maximum	65	77	70	60	54	60	58	50	55	60	54	49	49	45	63	73	74	67	64	61	68	65	51	41	39	58	71	70	71	79	82	61.4
	Minimum	41	54	40	41	34	27	31	32	25	32	37	37	26	27	21	37	41	48	29	40	39	32	32	24	18	25	37	54	53	47	57	36.1
Portland	Maximum	76	80	75	61	62	69	61	55	66	75	75	85	78	50	70	75	75	78	73	73	79	70	65	58	49	70	79	80	74	74	84	70.8
	Minimum	55	62	40	35	36	33	43	35	28	40	54	51	40	28	29	38	41	52	37	40	40	48	44	33	24	26	48	55	59	51	48	41.7
Prescott............	Maximum	77	73	65	65	65	75	72	57	68	70	79	75	66	53	73	75	73	74	69	76	80	78	71	67	53	68	66	79	76	78	86	71.0
	Minimum	56	61	39	41	36	36	45	36	31	50	59	55	36	29	30	42	47	60	41	43	41	49	46	34	28	30	48	57	63	51	52	44.3
Rogers	Maximum	70	64	41	48	60	68	62	42	65	60	57	65	61	43	70	74	74	65	68	62	69	60	57	40	42	64	71	78	73	78	85	62.5
	Minimum	43	40	34	34	33	28	33	32	26	35	41	43	26	22	22	37	51	42	26	36	40	32	40	24	18	33	52	57	41	39	52	35.9
Russellville......‡‡	Maximum	72	70	68	61	62	69	67	57	67	69	66	55	54	49	74	79	73	71	71	68	75	72	60	50	46	65	69	78	77	82	87	67.2
	Minimum	42	57	41	44	29	30	41	35	26	36	45	45	35	26	24	32	37	55	30	36	38	41	42	30	25	32	46	54	52	43	46	38.5
St. Charles ......§§	Maximum	77	79	57	60	57	70	53	53	64	68	65	76	47	48	68	73	73	73	65	66	74	57	59	34	44	65	75	77	65	75	81	64.5
	Minimum	40	59	43	38	33	35	39	34	28	36	49	49	42	29	27	38	48	55	34	46	40	40	39	32	24	28	38	54	59	52	54	40.7
Searcy	Maximum	76	77	56	63	61	62	55	54	63	70	54	55	55	50	70	77	72	75	68	65	71	64	52	41	43	65	71	75	72	78	84	64.3
	Minimum	42	56	42	43	32	31	35	34	27	36	43	41	40	27	24	36	39	54	34	38	40	40	38	27	24	27	42	55	57	50	48	38.8
Stuttgart	Maximum	77	80	60	60	59	65	55	54	63	70	63	74	62	49	70	75	73	76	66	67	75	65	54	44	44	65	73	76	70	76	83	65.9
	Minimum	49	58	43	44	32	35	38	36	31	43	50	47	39	27	28	44	45	56	37	41	39	44	40	29	26	28	41	51	57	52	52	41.4
Stuttgart . ....‡‡§§	Maximum	77	78	56	62	52	64	53	54	62	68	59	75	45	42	68	73	72	74	66	66	74	57	57	32	44	65	72	75	64	73	79	63.2
	Minimum	40	48	43	43	33	34	40	34	28	38	50	47	41	29	27	36	39	52	34	41	39	43	40	31	26	28	34	53	59	53	52	39.8
Subiaco	Maximum	70	70	50	55	56	70	67	52	66	64	63	54	54	45	71	77	74	66	69	68	71	67	60	51	47	65	66	80	78	78	86	64.8
	Minimum	48	49	40	42	31	33	41	37	31	42	45	45	32	26	27	52	42	51	35	41	40	40	42	30	26	31	49	58	53	53	52	40.8
Texarkana	Maximum	77	71	67	65	67	75	67	57	72	71	81	76	62	55	73	75	71	72	67	76	82	78	76	71	57	66	62	68	78	72	86	70.7
	Minimum	57	56	40	39	35	42	45	33	36	52	60	60	35	29	34	42	48	52	39	42	42	41	47	38	29	34	47	57	57	57	57	44.6
Thornburg	Maximum	75	70	54	57	61	68	58	53	63	67	58	63	55	47	73	77	68	70	69	66	75	61	58	43	46	64	66	75	75	80	85	64.5
	Minimum	40	51	37	42	22	24	36	33	19	41	43	43	31	24	18	48	41	50	25	28	29	38	40	27	17	27	42	55	50	36	53	35.8
Turnpike..........	Maximum	70	61	45	54	58	61	53	47	57	61	54	54	55	40	64	71	65	57	64	58	67	59	49	35	40	52	64	67	68	73	79	58.1
	Minimum	50	39	30	35	25	39	32	27	29	37	38	43	24	18	29	48	47	40	38	40	35	30	33	20	17	23	46	51	48	50	54	36.0
Waldron	Maximum	..	..	51	54	61	74	71	53	68	66	62	72	63	48	72	76	74	69	71	71	76	71	66	57	50	67	65	80	77	80	86	67.3
	Minimum	..	47	39	41	27	30	39	35	26	40	48	47	30	27	24	36	42	51	29	34	39	44	45	32	26	31	46	59	52	43	47	38.5
Warren	Maximum	78	79	65	61	60	62	71	55	75	78	78	77	62	51	70	75	71	82	68	75	80	75	67	60	51	69	73	77	73	77	80	70.2
	Minimum	57	62	40	38	40	45	35	37	38	53	54	51	37	28	28	42	46	56	37	40	40	48	41	34	27	29	48	57	60	52	54	43.7
White Rock	Maximum	60	60	42	51	55	62	56	46	58	57	55	57	53	40	65	70	65	57	60	62	66	62	58	49	43	54	58	71	70	74	81	58.6
	Minimum	52	37	30	34	26	42	30	27	31	49	44	47	22	18	21	46	50	41	40	40	38	34	39	22	19	26	47	51	49	52	55	37.6
Wilson	Maximum	63	59	60	58	59	63	58	48	58	62	59	67	63	44	63	63	69	60	61	59	58	56	49	45	42	62	68	73	74	71	82	60.5
	Minimum	44	40	38	36	34	28	32	32	34	36	43	48	36	27	27	34	48	45	34	40	40	38	34	26	20	25	48	56	54	52	53	38.1
Wynne	Maximum	78	80	70	57	53	64	61	53	60	71	66	71	66	50	67	77	74	72	66	69	72	67	53	42	40	64	74	74	74	77	82	65.9
	Minimum	47	62	42	39	33	29	34	33	25	35	45	43	43	24	23	42	43	55	32	40	37	37	35	25	22	26	45	54	57	50	51	40.0

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.192	.100	.291	.151	.100	.120	.207	111	.112	.130	.069	.110	.179	.098	.142	.232	.218	.092	.216	.130	.153	.169	.179	....	....	.168	.140	*	218	.073	.187	4.583
	Mean tem.	60	62	50	52	54	54	42	48	48	50	66	62	43	45	50	52	58	62	52	57	60	56	59	38	40	47	48	66	64	64	69	53.7
	Wind move	40	92	152	59	36	26	113	103	43	45	40	51	70	67	64	99	58	91	82	23	29	55	56	87	103	76	36	47	70	44	14	1971
Irons Fork,.. §§ Exp. Forest	Evap.	.126	.074	.129	.063	.068	.. .	.163	.037	.086	.114	.005	.002	.025	.071	.123	.146	.179	.087	.073	.099	.134	.135	.128	.145	.027	.102	.106	*	112	.086	.167	2.906
	Mean tem.	58	57	44	42	44	48	38	41	44	48	60	59	35	36	44	56	58	57	47	50	56	54	52	32	36	46	49	64	62	58	59	49.5
	Wind move	9	48	32	8	7	4	30	31	9	21	6	15	19	18	19	18	33	61	17	3	20	7	11	27	12	29	35	50	36	7	20	662
Russellville,... Ozark Nursery.	Evap.	.084	.144	.220	.098	.118	.130	.128	.104	.138	.074	.036	.022	.148	146	.122	.264	142	.124	.124	.164	.162	.180	.192	.148	.080	.136	.124	.054	.170	.202	.214	4.192
	Mean tem.	57	64	54	52	46	50	44	46	46	52	56	50	44	38	49	56	55	63	50	52	56	56	51	40	36	48	58	66	64	62	66	52.8
	Wind move	20	74	130	60	37	28	98	74	33	11	37	27	130	92	32	61	58	60	26	26	26	44	59	71	56	48	37	45	40	24	32	1596
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.096	.138	.266	.088	.065	.076	.151	.030	*	.214	.084	.018	....	*	*	.416	.184	.122	.070	.108	.155	....	157	.092	*	*	.227	.113	.095	.019	.142	3.342
	Mean tem.	58	63	50	52	42	49	46	44	45	53	54	61	43	36	48	54	56	63	50	52	56	50	48	32	35	46	53	64	62	63	66	51.5
	Wind move	36	58	294	68	39	30	105	163	34	79	55	59	103	118	104	100	74	143	81	11	56	62	77	151	66	96	51	93	106	64	39	2615

Daily Precipitation for March, 1940 Hydrologic Stations

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alicia	White		.02					.41				.39	.35	.13		.04			.04					.18	.76			.01		.76	.05		3.14
Antoine(near)	Ouachita																					.10				.65							
Beaty Lake(near)	St. Francis							.13					.54						.37			.21			.53			.52			.85		3.15
Beedeville	White							.04	.20				.01	.94						.41			.07		.43				.23	.29	.24		
Blue Mountain	Arkansas											.11		.40									.37		.40					.20			1.48
Briggsville	Arkansas										.07	.04	.42									.26	.09		.60			.08		.03			1.59
Cabot	Arkansas												.05	.70									.12			.30			.20	1.00			2.37
Carlisle	Arkansas								.01				.07	.70									.18		.23	.05			.18		.38		1.80
Carpenter Dam	Ouachita											.03	.33										.15		.32			.29					1.12
Centerville(near)	Arkansas												.95															1.50					2.45
Clarksville	Arkansas																												*	.51			
Clay	White							.08						.83										.46				.16		.52			2.05
Compton	White							.14	.07			.29												.05	.05				.38				0.98
Denmark	White						.05		.08				.03	.74						.41			.05		.45				.16	.61	.19		
Dermott	Mississippi																									.10			.27		2.20		
Elevenpoint	White								.54				.54	.67						.12					.41					.90			3.18
Enders(near)	Arkansas						.07						.99								.11			.03	.20	.12		.12		.22			1.86
Evening Shade	White							.13	.26			.23	.11	.31						.20				.03	.83				.02	.97			3.09
Foreman	Red																					.09						.65					
Forrest City	St. Francis							.04	.02				.47						.20			.02	.09		.20			.30		.30	.30		1.94
Greenbrier	Arkansas							.05					.75									.25	.05		.30	.08		.06		.16			1.70
Green Forest	White																																
Greenwood	Arkansas		.08									.25	.02	.37									.27		.42								1.41
Hardy	White							.34				.45		.12					.07			*	*	.07	.02				.35	.01			1.43
Harrisburg	St. Francis							.01	.39				.03	.72						.27					.62				.58	.28	.44		3.34
Huntsville	White								.08																.80					.45			
Jacksonville	Arkansas												.10	.80									.20	.04	.41				.13	.06			1.74
LaCrosse	White							.11	.30			.20	.05	.33						.27					.90				.02	.42			2.60
Lake City	St. Francis							*	.50			.28		.10						.09					.41					.41	.21		2.00
Marvell	Mississippi								.07				.29	.55	.02							.14			.17	.19			.56		.81		2.80
Mountain View	White																													1.32			
Newhope(near)	Ouachita																						.24	.23				.51					
Nimrod	Arkansas											.06	.09	.51									.31		.60				.11		.13		1.81
Odell (near)	Arkansas							.02			*	.04							.04			*	.04		.44					.20			0.78
Parthenon	White																			.15				.77						.42			
Pottsville	Arkansas											.50											.40		.50								1.40
Quitman	White						.07						.84	.04							.16			.06	.37	.10		.08		.37			2.09
St. Paul	White											.10	.08												.45					.58			1.21
Shirley	White							.05	.22			.09	.05	.24									.04		.46					.84			1.99
Solgahachie	Arkansas											.30	.65												.80			.30					2.05
Sparkman	Ouachita																						.01		.03	.02			.73		.12		
Tichnor	White																						.10	.12		.26			.50		.91		
Vick	Ouachita																																
Wheeling	White							.46				.46	.14						.15					.03	.54				.46				2.24
Winfrey	Arkansas											.14										.06	.02		.41				.36				0.99

Daily River Stages for March, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22																															
Van Buren	do	22	3.6	3.6	3.5	3.4	3.3	3.3	3.0	3.2	3.2	3.2	3.1	3.3	3.4	3.4	3.6	3.5	3.4	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.8	2.7	2.6	2.5
Mulberry	Mulberry	..	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.1	2.0
Danville	Petit Jean	20	4.4	4.2	4.0	3.9	3.7	3.5	3.4	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.3	3.3	3.3	3.6	3.7	3.7	3.7
Ozark	Arkansas	22	0.4	0.9	0.3	0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.1	0.0	0.0	-0.2	-0.3	-0.4	-0.4	-0.4	-0.5	-0.5	-0.6	-0.6	-0.6	-0.8	-0.8
Dardenelle	do	22	2.6	2.4	2.3	2.2	2.1	2.0	1.8	1.8	1.8	1.8	1.7	1.6	1.6	1.9	1.9	2.0	2.2	2.2	2.0	1.8	1.6	1.6	1.4	1.6	1.6	1.6	1.6	1.5	1.8	2.0	1.9
Morrilton	do	20	-1.6	-1.8	-1.9	-2.0	-2.2	-2.3	-2.4	-2.7	-2.6	-2.6	-2.7	-2.7	-2.7	-2.6	-2.6	-2.6	-2.4	-2.3	-2.3	-2.5	-2.7	-2.8	-2.9	-2.9	-3.0	-3.0	-2.9	-2.9	-2.9	-2.9	-2.6
Little Rock	do	23	0.5	0.4	0.3	0.2	0.1	0.0	-0.1	-0.3	-0.3	-0.4	-0.4	-0.4	-0.5	-0.4	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.4	-0.5	-0.5	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6
Pine Bluff	do	25	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.3	3.2	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.8	2.7	2.7	2.8	2.8	2.8
Gilbert	Buffalo	30	4.0	4.0	3.8	3.8	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.6	3.5	3.5	3.6	3.6	3.5	3.5	3.4	3.4	3.5	3.6	3.7	3.7	3.7	3.7	3.9	4.4
Doniphan, Mo.	Current	10	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.9	3.4	3.7	4.2	5.9	5.2	4.2	3.8	3.7	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.2
Black Rock	Black	14	2.8	2.7	2.6	2.5	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.8	3.6	5.6	7.0	7.3	7.0	6.5	6.0	5.7	5.5	5.5	5.6	5.7	5.7	5.7	5.6	5.5	5.8	6.5	6.1
Heber Springs	Little Red	30	4.8	4.7	4.5	4.4	4.3	4.1	4.1	4.0	4.1	4.4	4.4	4.4	4.5	4.6	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.9	4.1	4.6	4.6	5.9	6.6
OzarkBeachMo	White	30	1.0	0.8	0.6	2.4	1.2	0.5	0.1	-0.6	1.4	0.3	1.4	1.2	3.2	4.6	1.4	1.2	1.3	3.8	1.4	0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	1.0	2.2
Cotter	do	21	4.2	4.2	4.2	4.0	4.0	3.8	3.8	3.5	3.5	3.7	3.7	4.7	4.9	4.8	5.8	5.5	5.0	4.4	4.2	4.2	4.2	3.8	3.8	3.8	3.0	2.6	3.6	4.0	4.3	4.3	4.6
Calico Rock	do	18	1.8	1.7	1.6	1.3	1.3	1.2	1.3	1.1	1.0	0.9	1.3	1.5	3.0	3.7	3.8	3.7	3.0	2.2	2.0	2.5	2.0	1.5	1.2	1.1	1.1	0.8	0.7	1.1	1.6	2.0	2.5
Batesville	do	23	7.5	7.5	7.5	7.4	6.8	6.7	7.3	6.8	6.5	6.3	6.3	7.0	7.4	8.8	9.3	9.5	9.1	8.5	8.2	7.4	8.1	7.8	7.1	6.7	6.5	6.4	6.2	6.0	7.4	7.9	8.4
Newport	do	26	3.5	3.4	3.3	3.2	3.0	2.8	2.6	2.9	2.6	2.3	2.1	2.2	2.9	3.9	5.5	6.5	7.1	6.9	6.3	5.8	5.2	5.2	5.0	4.6	4.4	4.3	4.1	4.0	4.0	5.4	6.1
Georgetown	do	21	5.8	5.7	5.6	5.6	5.4	5.2	4.8	4.6	4.5	4.3	4.2	4.0	4.1	4.4	5.1	6.4	7.6	8.4	8.8	8.6	8.2	7.8	7.5	7.2	6.9	6.7	6.3	6.2	6.0	6.2	7.0
Des Arc	do	24	8.8	8.6	8.5	8.4	8.3	8.1	7.7	7.3	7.2	7.0	6.8	6.7	6.7	6.9	7.3	8.3	9.4	10.4	11.0	11.2	11.0	10.7	10.2	10.0	9.8	9.4	9.0	8.9	8.8	8.7	8.7
Clarendon	do	26	15.2	15.1	15.0	14.8	14.6	14.4	14.1	13.8	13.4	13.2	12.9	12.7	12.6	12.5	12.5	12.8	13.5	14.3	15.1	15.6	15.7	15.7	15.5	15.2	15.0	14.7	14.4	14.2	14.0	14.0	13.9
St. Charles	do	25	15.5	15.4	15.2	15.0	14.8	14.5	14.2	13.9	13.6	13.3	13.3	13.1	13.1	13.1	13.2	13.3	13.7	14.2	14.9	15.5	15.8	15.9	15.8	15.5	15.3	14.9	14.5	14.3	14.0	13.9	13.8
Glenwood	Caddo	..	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.2	5.2	5.2
Arkadelphia	Ouachita	17	4.9	4.8	4.7	4.5	5.1	4.8	4.8	6.0	5.2	4.2	4.3	5.9	5.8	5.6	5.6	4.7	4.3	4.4	4.9	4.5	5.1	5.0	4.7	4.3	5.0	4.3	4.4	5.1	5.5	5.3	4.9
Boughton	Little Mo.	20	5.2	5.0	4.9	4.7	4.6	4.5	4.4	4.2	4.2	4.1	4.0	6.2	8.0	9.0	8.5	6.6	5.5	5.0	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.1	4.4	4.5	4.8	4.8
Camden	Ouachita	26	6.6	6.2	5.8	5.4	5.0	4.0	5.1	5.1	5.3	5.7	5.4	5.0	6.4	10.0	11.9	12.5	11.5	9.3	7.3	6.3	5.9	5.7	5.7	5.5	5.1	4.8	5.1	4.9	5.0	6.5	7.1
Benton	Saline	20	5.4	5.3	5.1	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.7	4.8	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.6	4.5	4.6	4.7	4.9	5.1	5.2	5.3	5.3	5.3
Whitecliffs	Little River	25	3.6	3.6	3.0	2.8	2.5	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.1	3.8	3.9	3.8	3.7	3.5	3.2	3.0	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0
Jndex	Red	25	6.7	6.7	6.6	6.6	6.6	6.6	6.4	6.2	6.2	6.2	6.2	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.2	6.2	6.0	6.0	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.8	6.0
Fulton	do	25	5.4	5.3	5.0	4.9	4.8	4.6	4.5	4.2	4.0	3.9	3.8	3.7	4.1	4.5	4.5	4.9	4.9	4.8	4.7	4.6	4.4	4.1	4.0	3.8	3.7	3.6	3.6	3.6	3.7	3.7	4.4
Big Lake Outlet	St. Francis	10	9.0	8.7	8.4	8.1	7.9	7.6	7.4	7.3	7.0	6.8	6.7	6.6	6.8	7.0	7.5	8.1	8.5	8.7	8.8	8.8	8.7	8.6	8.4	8.3	8.2	8.0	7.7	7.5	7.4	7.4	7.3
S. Francis	do	18	7.4	7.2	7.2	7.8	7.9	7.7	7.4	7.1	6.8	6.6	6.4	7.9	12.7	14.4	15.3	16.0	16.6	17.0	17.4	17.7	17.8	17.4	16.9	16.0	14.6	12.8	11.4	10.6	10.3	10.5	10.4
St. Francis L.L.	do	..																															
Marked Tree	do	17	5.4	5.4	5.3	5.4	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.3	5.3	5.3	5.3	5.4	5.5	5.6	5.6
Parkin	do	28	6.9	6.9	7.0	7.0	7.1	7.2	7.2	7.2	7.1	7.0	6.9	6.8	6.8	7.1	7.5	7.2	7.0	6.9	6.8	6.8	6.8	6.7	6.5	6.4	6.4	6.5	6.6	6.8	7.0	7.5	8.1
Madison	do	32	8.7	8.6	8.3	8.1	8.0	8.0	8.0	8.0	8.0	8.2	8.7	9.3	9.8	10.2	10.6	10.7	10.8	11.0	11.0	11.0	10.7	10.1	9.3	8.6	8.0	7.6	7.6	7.6	7.8	8.2	8.8
Helena	Mississippi	42	26.5	25.7	24.6	23.3	22.0	21.1	20.8	21.1	22.3	24.4	26.6	28.0	29.0	29.4	29.6	29.9	30.3	30.7	30.8	30.6	30.0	28.8	27.5	26.0	24.6	23.3	22.1	20.9	19.7	18.9	18.4
Arkansas City	do	42	19.6	19.4	18.8	18.2	17.5	16.7	15.9	15.4	15.5	16.2	17.4	19.0	20.1	20.8	21.2	21.5	21.8	22.0	22.3	22.3	22.4	21.9	21.3	20.5	19.7	18.7	17.8	17.0	16.1	15.3	14.5

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 1 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1] Weather Bureau Station; precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation is measured in the morning; amount then recorded is for the preceding 24 hours ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla, Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Irons Fork Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; Mulberry, R 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office, Little Rock, Ark. 4-27-40-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3 ARKANSAS SECTION

WALTER C. HICKMON

ol. XLV   Littlf Rock, Ark., April, 1940   No. 4

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

The mean temperature for April was 59.9°, which is 1.5° elow the 50-year average. This was the fourth consecutive ionth with temperatures below normal. The monthly means inged from 55.0° at Lead Hill to 64.7° at Texarkana and El orado. The highest temperature during the month was 95° t Mountain Home on the 1st, while the lowest was 18° at evils Knob and White Rock on the 12th. The minimum mperatures on the 12th and 13th were the lowest for April nce 1926. The greatest daily range was 57° at Gilbert on the 4th.

The average precipitation for 112 stations was 6.93 inches, hich was 2.04 inches above the 50-year average. This was ie first month with rainfall above normal since June, 1939. he greatest monthly total was 10.74 inches at Portland, while ie least was 4.28 inches at Black Rock. All stations with 35-ear normals, except Clarendon and Wilson, showed positive epartures. Precipitation periods were frequent during the ionth with an average of 10 days with 0.01 or more rainfall. he greatest amount for any 24-hour period was 4.65 inches at ortland on the 7th.

The cool, wet weather delayed farm activity throughout the tate. The freezing weather the middle of the month was unsual for so late in the season. Moderate frost damage was istained by peaches and apples. Cotton that was up, tomaes and all tender vegetation were killed and replanting was ecessary. At the end of the month potatoes made rapid revery from the freezing weather, strawberries were blooming ut ripening slowly, and oats, meadows and pastures made ood progress. Wells and reservoirs were replenished by the equent rains.

The White and Black rivers were high during the month. n the White all stations below Cotter, except Newport, report- one or more days with flood stages. Estimates on flood loss were as follows: On the Black River $1,000. Upper White 10,000. Lower White River $500.

Heavy Hail: Fayetteville, 30th, 2:45 p. m. moved SE, idth of path 2 miles, loss $50.

Straight-line Wind: Reyburn, 30th, 5:55 p. m., moved E, idth of path 100 yds., property damaged, loss $450.

Tornado: Near Saline-Grant County line, Tull to Ico, 30th, p. m., moved E 15 miles, 440 yds. wide, 4 houses destroyed d other property damage. Killed 6, injured 9, crop loss 00, property loss $8000.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Aver. hourly veloc.	Max veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville	29.96	30.71	12	29.52	17	9.1	27	nw.	30	..	..	..	59
Fort Smith	29.94	30.67	12	29.50	15	10.0	33	w.	30	71	49	51	68
Little Rock	29.94	30.57	12	29.56	15	10.1	32	nw.	30	82	60	63	56
Memphis	29.96	30.55	12	29.60	19	10.2	31	nw.	30	79	56	60	47

Miscellaneous Phenomena

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense Fog	.	.	.	.	.	1	.	.	.	1	1	.	.	.	.	1	.	.	1	.	.	1	1		.	.	.	1	1	2	.
Light Hail	.	1	2	.	.	1	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		.	1	8	..
Moderate Hail	.	.	.	.	.		.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.		.	.	.	..	4	..
Thunderstorm	..	3	4	1	.	10	3	.	.	8	14	.	..	.	..	7	8	1	2	..		2	2	..	.	6	.	4	7	16	..

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly Cloudy	Cloudy
1891	62.8	93	22	2.75		8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	3.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.53	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5.54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	95	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0.0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59.3	91	19	7.13	T.	8	13	8	9
1940	59.9	95	18	6.93	T	10	11	7	12
Period	61.4	99	17	4.89	T.	8	13	8	9

Climatological Data for April, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	60.8		89	1	27	13	45	7.27		1.92	0.0	12	9	9	12	e.	L. R. Water Works
Amity	Clark	500	45																	J. W. Campbell
Arkadelphia	Clark	200	45	60.8		90	3	29	13	47	7.26	+2.39	1.70	0.0	13	9	12	9	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56								9.22	+4.02	4.10	0.0	8	11	5	14		Herbert Neff
Batesville Airway	Independence	363	4	59.0	+ 0.2	90	1	28	13	44	6.30		1.36	0.0	11	7	4	19	sw.	Airway Observer
Batesville	Independence	277	41								5.83	+1.08	1.52	0.0	13	11	5	14		Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	60.4	- 0.6	87	2	25	12	34	7.70	+2.85	1.90	0.0	10	13	5	12	w.	J. E. Scanlan
Benton	Saline	285	5	59.1		90	1	25	13	47	5.99		1.35	0.0	11	15	5	10	ne.	S. A. Burks
Bentonville	Benton	1295	35	56.8	- 0.8	87	1	24	12	37	6.89	+2.54	2.80	T.	10	9	8	13	e.	U. S. Weather Bureau
Bethesda	Independence		1								5.87		1.54	0.0	9					Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10								4.92		1.37	0.0	9	12	5	13		C. J. Brooks
Black Rock	Lawrence	259	39								4.28	+0.74	0.96	0.0	8	15	3	12	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	59.2	- 2.4	89	1	30	13	44	5.37	+0.81	1.36	T.	10	16	2	12	s.	Samuel Norris
Booneville	Logan	465	26	60.3	- 1.9	90	1	27	13	49	6.33	+2.03	1.74	0.0	13	10	9	11	e.	F. H. Randolph
Boughton †	Clark	235	5								8.90		1.60	0.0	12	14	3	13		Harry J. Buie
Brinkley	Monroe	205	49	58.8	- 3.2	86	3	26	13	42	7.17	+1.71	1.70	0.0	10	14	4	12	ne.	R. J. Torry
Calico Rock	Izard	361	36								6.71	+2.35	1.65	0.0	11	9	6	15		William Jones
Camden	Ouachita	116	55	62.8	- 0.6	87	1§	29	13	38	5.03	+0.25	1.30	0.0	9	11	2	17	se.	J. M. Knight
Clarendon	Monroe	172	36								4.63	-0.68	1.25	0.0	8	9	6	15	s.	R. M. Wheatley
Clinton	Van Buren	516	19								7.48	+3.02	1.89	0.0	9	9	8	13	n.	A. L. Stephens
Conway	Faulkner	309	57	61.4	- 0.7	94	1	29	13	50	9.37	+4.32	2.34	0.0	11	12	9	9	s.	E. E. Cordrey
Corning	Clay	293	47	59.4	- 0.6	90	1	29	12	44	6.05	+0.95	2.35	0.0	9	12	6	12	s.	Winfred D. Polk
Cotter	Baxter	440	13								7.26	+3.45	2.90	0.0	7	11	8	11		O. B. McSpadden
Crossett	Ashley	175	28	62.5	- 2.3	87	1§	24	13	41	9.79	+4.10	3.10	0.0	11	13	4	13	s.	U. S. Forest Service
Danville	Yell	327	24								5.75	+1.38	1.57	0.0	11	8	13	9		J. M. Patterson
Dardanelle	Yell	330	54	61.6	- 0.7	93	1	30	12§	46	6.40	+2.25	1.70	0.0	12	8	10	12	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	62.2		89	3	27	13	44	9.28		2.72	0.0	11	14	3	13	s.	E. B. Smith
Des Arc	Prairie	204	2								7.14		2.00	0.0	9	11	1	18		Z. R. Glenn
Devils Knob †	Johnson	2350	4	55.1ᵉ		83ᵉ	1	18	12	32ᵉ	9.21		1.94	0.0	13	11	1	18	se.	U. S. Forest Service
Dumas	Desha	162	35	62.3	- 1.3	90	1	30	13	43	6.36	+1.56	2.20	0.0	7	6	16	8	n.	Ben Johnson
El Dorado	Union	270	40	64.6	- 0.2	87	1§	31	13	32	6.21	+0.98	1.80	0.0	8	14	5	11	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	59.9ᵃ	- 2.9	93ᵃ	3	30ᵃ	13	41ᵃ	7.35	+1.78	1.80	0.0	8	11	13	6	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	58.0	- 1.0	88	1§	22	12	38	6.37	+1.45	2.15	0.0	12	14	7	9	n.	Geo. W. Nichoalds
Fayetteville	Washington		3	58.0		87	1	23	12	40	5.81		1.48	T.	13	6	8	16	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	57.4	- 1.0	87	1	24	12	39	6.57	+1.97	2.06	T.	14	11	9	10	sw.	University of Arkansas
Fordyce	Dallas	275	12																	
Fort Smith	Sebastian	448	59	59.8	- 2.0	90	1	30	12	37	5.85	+1.91	1.63	0.0	11	8	11	11	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford		3								7.72		3.02	0.0	12	11	2	17		Ft. Smith Water Plant
Fulton	Hempstead	260	55								7.92	+3.25	2.00	0.0	11	11	5	14		T. J. Logan
Georgetown	Woodruff	200	28								6.79	+1.58	1.79	0.0	10	16	3	11		C. G. Long
Gilbert	Searcy	600	15	56.6		92	1	20	13	57	7.04	+1.93	1.62	0.0	10	13	1	16		F. E. King
Glenwood	Pike	547	5								8.44		1.81	0.0	12	16	4	10		C. A. Price
Grannis	Polk	950	21	60.1	- 0.3	86	3	27	12§	40	8.59	+2.29	2.60	0.0	11	10	8	12	w.	W. E. McVay
Gravette	Benton	1250	43	55.2	- 2.0	89	1	23	12	52	7.53	+2.97	2.52	0.0	8	8	17	5	sw.	Max W. Schmidt
Hankins †	Drew		3								5.71		1.90		9					Soil Conservation Ser.
Harrison	Boone	1052	40	57.9	+ 0.4	92	1	25	12	48	8.87	+3.93	2.65	0.0	12	8	5	17	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne		11								5.46		1.65	0.0	10	10	8	12		Lester B. Logan
Helena	Phillips	300	68	60.2	- 2.5	85	1§	27	13	37	6.93	+1.83	1.61	0.0	10	9	6	15	s.	James A. Burnett
Higden	Cleburne	445	21								7.37	+2.47	1.45	0.0	12	11	9	10	s.	Austin E. Cartwright
Highland	Pike	491	21	61.2		87	3	28	13	37	7.90	+3.76	2.55	0.0	11	10	14	6	se.	J. O. Cooley
Hope ‡‡	Hempstead	375	70	61.1	- 2.9	88	3	30	13	47	8.31	+3.32	1.92	0.0	9	10	9	11	sw.	Experiment Farm
Hot Springs	Garland	600	49	63.0	+ 0.2	88	1§	26	13	38	7.74	+1.75	3.10	0.0	14	9	14	7	s.	National Park Service
Index †	Little River	275	23								6.95	+2.77	2.10	0.0	8	15	0	15		W. E. McDowell
Irons Fork †‡‡	Polk		2	57.0		86	1§	19	13	48	7.31		2.04	0.0	11	9	13	8	sw-	U. S. Forest Service
Jessieville	Garland	750	14								8.11	+2.45	1.54	0.0	9	11	7	12	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	59.0	- 2.4	90	1	29	12	41	5.30	+0.51	1.23	0.0	10	6	8	16	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	55.0	- 4.4	94	1	23	13	46	7.82	+3.88	2.82	0.0	11	10	8	12	w.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	60.4	- 1.7	90	1	31	13	36	5.58	+0.39	1.85	0.0	11	10	7	13	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	59.8		90	1	30	13	39	6.28		2.07	0.0	11	9	9	12	nw.	W. B. Airport Station
Lutherville †	Johnson	775	42	58.8	- 1.5	90	1	25	12	39	8.57	+3.73	2.20	0.0	12	11	5	14	se.	H. G. Lenhardt
Madison	St. Francis	209	10								6.26		1.65	0.0	9	6	3	21		J. W. Eppes
Magnolia	Columbia	315	24	64.4ᵃ	- 0.2	88ᵃ	4	29ᵃ	13	37ᵃ	6.74	+1.90	1.81	0.0	9	6ᵃ	13ᵃ	10ᵃ	s.	State Agri. School
Mammoth Spring	Fulton	600	36	57.8	- 1.4	93	1	25	13	51	8.07	+3.21	2.35	0.0	10	12ᵃ	8ᵃ	9ᵃ	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	60.9ᵇ	- 1.4	88ᵇ	3	31ᵇ	13	38ᵇ	4.55	0.0	1.70	0.0	10	11ᵇ	9ᵇ	8ᵇ	s.	C. N. Houck
Marked Tree	Poinsett	229	36	57.8	- 3.4	88	3	29	12	49	5.72	+0.74	1.52	0.0	10	13	7	10	s.	Charles Walton
Mena	Polk	1207	52	60.4	- 1.1	89	16	27	12§	42	6.80	+1.09	1.89	0.0	9	12	9	9	sw.	E. W. St. John
Monticello Airway	Drew	273	4	61.4		87	1§	28	13	41	7.68		1.76	0.0	11	8	9	13	e.	Airway Observer
Monticello †	Drew	273	5								6.12		1.40		10					Soil Conservation Ser.
Montongo †	Drew		5								7.12		2.09	0.0	9					Soil Conservation Ser.
Morrilton	Conway	315	21	59.3	- 2.9	93	1	30	12	46	5.17	+0.95	1.96	0.0	12	11	13	6	nw.	Mrs. Nova Berry
Mountainburg	Crawford	2010	3								8.09		2.60	0.0	13	15	4	11	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	58.0	- 0.9	95	1	25	12	46	8.50	+3.81	3.65	0.0	9	11	3	16	w.	H. N. Halbert
Mountain Valley	Garland	273	3								8.58		2.45	0.0	12	16	4	10	s.	J. G. Scott
Mount Ida	Montgomery	702	41	60.2	- 1.0	90	1	23	13	48	7.75	+1.86	2.10	0.0	12	10	10	10	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery		1								7.93		2.04	0.0	14	15	8	7	se.	U. S. Forest Service
Mulberry †	Franklin		2								6.73		1.57	0.0	10	9	4	17		Clifton Ward
Nashville	Howard	350	2	62.2		89	3	29	13	42	9.05		2.59	0.0	11	16	6	8	s.	H. B. Carruth
Newport	Jackson	231	57	60.2	- 1.8	90	1	27	13	34	7.31	+2.33	1.98	0.0	10	16	0	14	s.	J. D. Henderson
Oden	Montgomery	800	13	59.8		88	1§	25	13	43	7.92		2.58	0.0	11	10	11	9	sw.	U. S. Forest Service
Okay	Howard	288	12	63.9		89	3	29	13	40	6.94		2.41	0.0	11	11	10	9	s.	Charles R. Jackson
Osceola	Mississippi	250	40								4.52		1.18	0.0	9	13	9	8		G. H. Banks
Ozark	Franklin	396	45	59.8	- 2.2	91	1	28	12§	43	6.84	+2.76	1.81	0.0	11	11	4	15	e.	Orkney O. Milton
Paragould	Greene	275	17	57.8		85	1	30	12§	41	5.00	+0.28	0.97	0.0	13	13	11	6	sw.	J. E. Garrett
Parkin	Cross	222	10								5.90		1.60	0.0	9	13	0	17		Carroll King
Pine Bluff	Jefferson	215	53	62.4	- 1.2	90	1	31	13	41	6.28	+0.77	1.87	0.0	11	8	14	8	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16								7.26	+1.80	2.31	0.0	8	8	12	10	w.	J. R. Huddleston
Plantersville †	Drew		3								5.40		1.60		8					Soil Conservation Ser.
Pocahontas	Randolph	300	47	58.6	- 1.6	89	1	27	12	45	6.41	+1.56	1.20	0.0	12	13	7	10	s.	Benedictine Sisters
Portland	Ashley	122	34	62.4	- 2.2	88	1§	29	13	40	10.74	+6.01	4.65	0.0	9	9	9	12	nw.	W. E. Edmiston
Prescott	Nevada	318	52	64.1	+ 0.6	90	3	30	13	39	8.02	+3.10	1.57	0.0	13	11	8	11	s.	Craig Williams
Rock Springs †	Drew		5								6.10		1.65		9					Soil Conservation Ser.
Rogers(near) †	Benton	1300	50	67.8	- 0.7	89	16	23	12	50	5.32	+0.88	1.45	0.0	11	14	5	11	sw,	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6								6.87		1.24	0.0	10	12	9	9	n.	G. A. Maddox
Ross †	Drew		3								5.68		1.55		9					Soil Conservation Ser.
Russellville	Pope	526	28	62.4	+ 1.4	92	1	28	13	39	6.54	+2.54	1.56	0.0	12	16	0	14	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	60.8		87	1	29	13	47	6.31		1.43	0.0	9	11	11	8	ne.	U. S. Biological Survey
St. Francis	Clay	290	13								6.87	+2.81	1.90	0.0	11	15	2	13		A. Boyce Boyd, Jr.
Searcy	White	245	30	59.9	- 1.8	91	1	28	13	46	6.18	+1.85	1.85	0.0	11	9	6	15	sw.	Walter A. Smith
Springbank †	Miller	240	31								8.57	+3.32	1.75	0.0	10	12	3	15		Henry Field
Story	Montgomery	650	16								7.40	+1.24	2.45	0.0	7	15	8	7	s.	S. C. Story
Stuttgart	Arkansas	214	53	61.2	- 1.2	89	3	29	13	41	6.43	+1.36	1.68	0.0	8	17	3	10	se.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	5	59.5		84	1	30	13	42	6.10		1.44	0.0	9					Rice Experiment Sta.

Climatological Data for April, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	60.3	− 1.5	91	1	29	12	40	7.07	+2.49	1.38	0.0	12	10	7	13	sw.	New Subiaco Abbey
Texarkana	Miller	332	56	64.5	+ 0.3	91	3	30	13	41	8.35	+3.39	2.83	0.0	10	13	8	9	s.	H. S. Brashear
Thornburg	Perry	650	20	58.5	− 1.7	89	1§	23	13	56	6.50	+1.24	2.00	0.0	12	9	9	12	s.	Edward E. Holmes
Turnpike†	Pope	2240	16	54.6		85	1	19	12	32	7.07	+1.81	1.64	0.0	12	12	2	16	ne.	U. S. Forest Service
Underwood†	Drew		3								6.01		1.75'		9					Soil Conservation Ser.
Waldron	Scott	675	21	61.0^{b}		90^{b}	1	26^{b}	13	48^{b}	6.21	+0.45	1.74	0.0	10	7^{b}	13^{b}	8^{b}	nw.	Wilson Ferguson
Warren	Bradley	206	46	62.6	− 1.0	89	2	28	13	37	5.71	+0.54	1.46	0.0	7	7	1	22	sw.	C. N. Turner
Whitecliffs	Little River	290	34								7.55	+2.51	2.55	0.0	6	12	0	18		L. M. Snead
White Rock†	Franklin	2285	4	55.3		85	1	18	12	43	7.76		1.96	0.0	12	14	4	12	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	59.6	− 1.4	89	3	30	12	31	4.70	−0.59	1.13	0.0	11	14	3	13	s.	D. O. Anderson
Wynne	Cross	167	32	60.2	− 1.2	89	3	28	13	41	9.55	+4.33	2.30	0.0	11	9	8	13	s.	B. M. Eddins
State Means				59.9	− 1.5	95	1	18	12	57	6.93	+2.05	4.65	T.	10	11	7	12	s.	

Daily Precipitation for April, 1940

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser.†	Ouachita.						1.92	.80			.02	1.00					T.	.44	.18	.60			T.	.97			.01		.02	1.27	.04		7.27
Amity	Ouachita..																																
Arkadelphia^{2}	Ouachita..						1.19	1.70				.36	.19					.06	.62	.94	.05		.01	.62				.18		1.21	.13		7.26
Arkansas City^{2}	Mississippi						T.	4.10				T	1.51						1.25	1.28	.05			.15						.75	.13		9.22
Batesville Airway†	White			.21			1.02	.28			.64	.40					T.	.26	1.36	65			.01	T.			T.	T.	.62		.85		6.30
Batesville River^{2}	White			.22			T.	1.32		.02		69	.41					.05	.39	1.52	.42			.03				.02		.69	.05		5.83
Bee Branch	Arkansas..			.20			1.25	.95			1.90	.50						.20	.10	1.00										1.10	.50		7.70
Benton^{2}	Saline						.91	1.35				T.	.47					.18	.60	.59	.21			.11				.02		1.02	.53		5.99
Bentonville^{1}‡	Arkansas..		.51				.86		T.	T.	1.43	1.73					.01	.03					.06				.53		1.88		.35		6.89
Bethesda	White.			.20			.66	49			.25	.67							25	1.54										.56	1.25		5.87
Big Lake Outlet †^{2}	St. Francis			.29				.67				.18	.38					T	1.37	1.23	.37			.11						.32			4.92
Black Rock^{2}	White							.96				.90	.25					T	.35	.59	.36		T.	.06						.81			4.28
Blytheville^{2}	St Francis			.45				.73				.29	.31					.05	1.30	1.36	.36			.18						.34			5.37
Booneville	Arkansas..			.18	.01		1.47	.18			.15	.70					T.	.19	.01	1.20			.04				.35			1.74	.11		6.33
Boughton †^{2}	Ouachita..						1.60	1.34				43	.22					.02	1.06	1.02	.04			.92				.69		1.28	.28		8.90
Brinkley	White						.25	.99			.02	.35						1.00	1.70	1.34	T			.24						.72	56		7.17
Calico Rock^{2}	White			.15				1.55			.02	1.16	.30						.52	1.65	.27			.08						.78	.23		6.71
Camden^{2}	Ouachita..						.34	1.28				.02	1.18					.01	.66	.15				.09						1.30			5.03
Clarendon^{2}	White							1.12					.34					T	.82	1.25	.10			.20						.79	.01		4.63
Clinton	White		.22				1.89				54	.56						1.07	.92	.04							T.		1.25		.99		7.48
Conway	Arkansas..						2.34	.91			.33	.90						.68	1.83	.82				.21			.09		.01	1.22			9.37
Corning^{2}	White							.87				2.35	.78					.04	.23	1.00	.32			.14						.32			6.05
Cotter^{2}	White							1.30			T.	2.90	T.						.30	1.52	.15			T						.80	.29		7.26
Crossett ..[near]..	Ouachita..							3.10				1.92	.04					.06	2.68	.04			.09	.07		.12				1.30	37		9.79
Danville^{2}	Arkansas..			.12			T.	1.56			.07	.39	.01					T	.29	1.48	.02			.04				.23		1.57			5.75
Dardanelle^{2}	Arkansas..			23			.23	1.70				.85	.09					.04	.15	1.20	.02			.05				.34		1.50			6.40
De Queen	Red					.42	2.72	.11			.92							23	.55	1.26				.46			T.		1.33	1.23	.05		9.28
Des Arc^{2}	White.			.58				1.60				T						T.	2.00	1.60	.18			.27				T.		.72	.12		7.14
Devils Knob †	Arkansas..			.59			.95	.35			.56	1.23						1.94		1.01			.01	.10			.37		.03	1.72	35		9.21
Dumas	Mississippi						T	1.80				1.30					T.	.05	2.20	.13			T.	.18					T.	.70			6.36
El Dorado^{2}	Ouachita..						.11	1.80				.20	1.35						70	.23			T	.20						1.62			6.21
England	Arkansas..						.65	1.32				.60						1.15	1.80	.40			T							.78	.65		7.35
Eureka Springs	White			.12			.72	.15			.45	2.15						.20					.05	.12			1.04		.30	.80	.27		6.37
Fayetteville	White		.01	.13			82	.09			.55	1.48					T.	.40	T.				.04	.02			.62	T.	.65	.34	.66		5.81
Fayetteville Exp. S	White.		.18	.01			79	.09			.59	2.06						.28	.01				.02	.04			65	T.	.21	.88	.76		6.57
Fordyce	Ouachita..																																
Fort Smith^{1}‡	Arkansas..		.37			T.	1.63	T			.74	.69					.02	.57	.01	.02			.02				.43		1.35		T.		5.85
Fort Smith W. †^{2}	Arkansas			.98			.10	1.00			33	3.02	T.					.29	.63	.01				.02				.42		1.36	.46		7.72
Fulton^{2}	Red						2.00	1.12				.91	.13					.03	1.02	.95	03		.17	.08						1.53	T.		7.92
Georgetown^{2}	White							1.55				.20	.20					20	1.73	1.79	.22			.30						.60			6.79
Gilbert^{2}	White			41				1.32				1.62	04					T.	.68	1.62	.02			.03						.96	.34		7.04
Glenwood^{2}	Ouachita..						1.69	1.73				.81	.13					.17	.25	1.22			.09	.30				.05		1.81	.19		8.44
Grannis	Red				08	.36	2.60	.11			T.	1.05					T		.35	.88			T	.22			.06		1.68	1.20			8.59
Gravette^{2}	Arkansas..			2.52				1.00			.40	1.53						04										.64		1.35	.05		7.53
Green Mountain †	White			.31			.58	.99			.44	.51						.70	.13	1.90				10			.01			.69	.12		6.48
Hankins †‡	Ouachita.						1.22	.20				1.00							1.90				.09	.09					57	.37	.27		5.71
Harrison	White			.01			1.15	.15			.70	2.65						.94		1.06			T.	.05			.40		1.00	.18	.58		8.87
Heber Springs^{2}	White.			.13				1.65		T.	.03	.93	.17					T.	.12	.98	.11			T						.87	.47		5.46
Helena^{2}	Mississippi							1.61				.02	.78					.01	1.55	1.30	.22			.29						.45	.70		6.93
Higden	White			.23			1.45	.60	T.		.45	.48					.08	.76	.08	1.36				.02					T.	.95	.91		7.37
Highland	Ouachita..					.31	2.55	.25				.59						.21	.50	.99				.70			.08			1.50	.22		7.90
Hope ‡‡^{2}	Red						1.92	1.45				.83	.15						1.12	1.00	.07			.31						1.46			8.31
Hot Springs	Ouachita..			.01		.09	3.10	.07			.02	.52					T	.28	.32	.78				.21			.08		.33	1.04	.89		7.74
Index †^{2}	Red						2.10	90				1.00	T.					.10	.05	1.10				T						1.60	.10		6.95
Irons Fork †‡‡^{2}	Ouachita..			.01			1.36	.96				.06						.18	.17	1.52				.16				.45		2.04			6.91
Jessieville	Ouachita..						1.48	1.15				1.39						.31		1.17				.32			.26		1.54		.49		8.11
Jonesboro^{2}	White			.43				1.12				.35	.35					.09	.94	1.23	.28		T.	.10						.41	T		5.30
Lead Hill	White			T.			.90	.17			.55	2.82						.53	T.	1.10			T.	.05			.13	T	.09	.78	.70		7.82
Little Rock^{1}†	Arkansas..					T.	1.68	.17			.03	.38					T.	.75	.64	.23			.41	T			T		.58	.21	.50		5.58
LittleRock Air'y^{1}‡	Arkansas..					T.	2.07	.26			.03	.41					T.	.99	.83	.25			.20	T.			T		.62	.07	.55		6.28
Lutherville †	Arkansas..						2.20	.20			.67	.73					T.	.35	.06	1.18				.05			.23		.15	1.80	.95		8.57
Madison^{2}	St. Francis							1.65				.10	.46					T.	.83	1.59	.30			.13						.45	.75		6.26
Magnolia	Red						.87	1.08				.97						.52	1.81	.10			.12						.31	.96			6.74
Mammoth Spg^{2}	White			.16				.90				2.35	.58						.22	1.60	.24			.06						.58	1.38		8.07
Marianna	St. Francis							1.33				.37	.04					.16	1.70	.35	03			.10						.27	.20		4.55
Marked Tree^{2}	St. Francis			.03				1.52				.37	.43					.09	1.05	1.35	.36			15						.37			5.72
Mena^{2}	Ouachita..			T.		T.	1.60	1.06	T		T.	.68						.12	.15	.96				.15	T			.19		1.89			6.80
Monticello Air ‡	Ouachita.				T.	T.	1.54	.05				1.76					T.	.49	1.72	.05			.11	.13		T.			.48	.56	.79		7.68
Monticello(near. †‡	Ouachita..						1.40	.06				1.35						.15	1.20				.10	.10					.43	.48	.85		6.12
Montongo †	Ouachita..						1.12	.30				1.82							2.09				.20	.17					.53	.34	.55		7.12
Morrilton^{2}	Arkansas..			.18			.27	1.96			.05	.57	63					.01	.33	.89	.02			T.		T.		.19		.67	T.		5.17
Mountainburg	Arkansas..			.11			95	.22			62	2.60					.02	1.11		.03			T.	.04			42		1.10	.31	.56		8.09
Mountain Home	White			.10			.15	.97			T	3.65						.55	.10	1.55									T	.60	.85		8.50
Mountain Valley	Ouachita..				T.	T.	2.45	.52			.06	.93						.52	.26	.37			T.	.08			.08		.04	1.65	1.62		8.58
Mount Ida	Ouachita..						2.10	.10			06	.78						.11	.65	1.03			05	.33			.42		.64	1.48			7.75
Mount Ida CCC	Ouachita..			.02		.07	2.04	.52			.01	.64						.10	.02	1.50			T	.40			.70		.24	1.61	.03		7.93
Mulberry †^{2}	Arkansas..			.30	T.		.45	.75			.48	1.20	T.					T.	.70	.20				T				.40		1.57	.68		6.73
Nashville	Red					33	2.59	09				.57						.22	.50	1.09				.50					.62	1.20	1.34		9.05
Newport^{2}	White			.35				1.72			.01	.31	40					.06	1.17	1.98	.58									.73			7.31
Oden	Ouachita..						2.58	.05			.05	.71						.10	.02	1.15			T.	1.52			.08		.39	1.27			7.92
Okay	Red				.04	29	2.41	.40				.66						.19	.30	1.03			T	17					.55	.90			6.94
Osceola^{2}	Mississippi			.02				.76	T.			.22	.22					T	1.18	1.14	.28			.35						.35			4.52

Daily Precipitation for April, 1940 Continued

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Ozark [2]	Arkansas	....	....	.49	....	....	.31	.84	....	....	.81	.74	....	....	....	....	....	....	.16	.85	....	....	....	.07	....	....	....	.40	....	1.81	.36	....	6.84
Paragould	St. Francis	....	....	.43	....	....	.24	.55	....	....	.14	.71	....	....	....	....	....	.50	.51	.97	.21	....	.04	.11	....	....	T	....	....	.36	.23	....	5.00
Parkin [2]	St. Francis	....	....	.11	....	....	....	1.60	....	....	....	.15	.35	....	....	....	....	....	1.35	1.25	.21	....	....	.45	....	....	....	....	....	.43	....	....	5.90
Pine Bluff [2]	Arkansas	....	....	....	....	....	.41	1.87	....	....	....	.01	.70	....	....	....	....	.12	1.05	.65	.13	....	T.	.44	....	....	....	T.	....	.86	.04	....	6.28
Pine Ridge [2]	Ouachita	....	....	....	....	....	....	2.31	....	....	....	.71	....	....	....	.31	....	....	....	.81	....	....	....	.91	....	....	.29	....	....	1.89	.03	....	7.26
Plantersville †‡	Ouachita	....	....	....	....	....	1.12	.13	....	....	....	1.25	....	....	....	....	....	....	1.60	....	....	....	....	.10	....	....	....	....	.58	.40	.22	....	5.40
Pocahontas	White	....	....	.02	....	....	.25	.58	....	....	.19	1.20	....	....	....	....	....	.71	.29	.93	.30	....	....	.06	....	....	....	....	....	.76	1.12	....	6.41
Portland [2]	Ouachita	....	....	....	....	....	....	4.65	....	....	....	10	1.30	....	....	....	....	.01	2.08	1.25	....	....	....	.11	....	....	....	....	....	.92	.32	....	10.74
Prescott [2]	Ouachita	....	....	....	....	....	1.57	1.32	....	....	....	.62	15	....	....	....	....	.01	1.45	.77	.09	....	.01	.39	....	....	....	39	....	1.22	.03	....	8.02
Rock Springs †	Ouachita	....	....	....	....	....	1.15	.29	....	....	....	1.24	....	....	....	....	....	....	1.65	....	....	....	.08	.20	....	....	....	....	.66	46	.37	....	6.10
Rogers (near) †	White	....	T.	.12	....	....	.75	.23	....	....	.53	1.45	....	....	....	....	....	.13	....	....	....	....	....	.05	....	....	.62	....	.58	.63	.23	....	5.32
Rosebud †	Arkansas	....	....	.18	....	....	1.20	.81	....	....	.35	.68	....	....	....	....	....	1.24	.32	.53	....	....	....	....	....	....	....	....	....	.92	.64	....	6.87
Ross †‡	Ouachita	....	....	....	....	....	1.23	.10	....	....	....	1.44	....	....	....	....	....	....	1.55	....	....	....	.06	.10	....	....	....	....	.38	.42	.40	....	5.68
Russellville ‡‡	Arkansas	....	....	.40	....	....	1.11	.81	.01	....	.46	.30	....	....	....	....	....	.22	....	1.21	....	....	....	.06	....	....	.29	....	.11	1.56	....	....	6.54
St. Charles [2]	White	....	....	....	T.	....	....	1.43	....	....	....	.20	.95	....	....	....	....	....	1.28	1.40	12	....	....	.17	....	....	....	....	....	.72	.04	....	6.31
St. Francis [2]	St. Francis	....	....	.26	....	....	....	.90	....	....	....	1.90	.52	....	....	....	....	.03	.87	1.00	.67	....	....	.29	....	....	....	.03	....	.40	....	....	6.87
Searcy [2]	White	....	....	.15	....	....	....	1.85	....	....	.04	.31	.89	....	....	....	....	....	.65	1.36	.22	....	....	.15	....	....	....	....	....	.54	.02	....	6.18
Spring Bank †[2]	Red	....	....	T.	....	....	1.75	.85	....	....	....	T.	.91	....	....	....	....	T.	1.75	.92	.03	....	T.	1.00	....	T	.05	....	T.	1.25	.06	....	8.57
Story [2]	Ouachita	....	....	....	....	....	2.45	....	....	....	....	.70	T.	....	....	....	....	....	1.30	T	....	....	....	.66	....	....	....	.24	....	1.85	.20	....	7.40
Stuttgart [2]	Arkansas	....	....	....	....	....	.10	1.68	....	....	....	....	.57	....	....	....	....	T.	1.22	1.25	....	....	....	.33	....	....	....	....	....	.93	.35	....	6.43
Stuttgart ‡‡[2]	Arkansas	....	....	....	....	....	....	1.21	....	....	....	.05	.64	....	....	....	....	....	1.44	1.33	.08	....	....	.27	....	....	....	....	....	.67	.41	....	6.10
Subiaco	Arkansas	....	....	.77	....	T	1.20	.25	....	....	.35	.48	....	....	....	....	....	.41	....	1.09	....	....	T.	.07	....	....	.66	....	.23	1.38	.18	....	7.07
Texarkana [2]	Red	....	....	....	....	....	2.83	1.05	....	....	....	1.00	....	....	....	....	....	.20	.52	1.03	....	....	.05	.30	....	T.	....	....	....	1.30	.07	....	8.35
Thornburg	Arkansas	....	....	T.	....	....	2.00	.32	....	....	.09	.77	....	....	....	....	T	.52	.19	1.00	....	....	T	.23	....	....	.07	....	.12	.71	.48	....	6.50
Turnpike †	Arkansas	....	....	.20	....	....	1.64	.14	....	....	.77	.80	....	....	....	....	....	.31	T	.71	....	....	....	.05	....	....	.30	....	.13	1.35	.67	....	7.07
Underwood †‡	Ouachita	....	....	....	....	....	1.15	.21	....	....	....	1.22	....	....	....	....	....	....	1.75	....	....	....	.10	.10	....	....	....	....	.45	.41	.62	....	6.01
Waldron	Arkansas	....	....	.80	....	.01	1.74	T.	....	....	....	.58	....	....	....	....	....	.20	.34	.87	....	....	....	....	....	....	.21	....	1.46	....	....	....	6.21
Warren	Ouachita	....	....	....	....	....	.90	.85	....	....	....	1.46	....	....	....	....	....	.10	1.10	.15	....	....	T.	....	....	....	....	....	....	1.15	....	....	5.71
Whitecliffs [2]	Red	....	....	....	....	....	2.55	.90	....	....	....	.51	T.	....	....	....	....	T.	.25	1.55	....	....	....	T.	....	....	....	....	....	1.79	....	....	7.55
White Rock †	Arkansas	....	T.	.10	....	....	.97	.23	....	....	.74	1.96	....	....	....	....	T.	.82	T.	.12	....	....	T.	.05	....	....	.85	....	.34	1.33	.25	....	7.76
Wilson [2]	Mississippi	....	....	.10	07	....	....	.93	....	....	....	37	.30	....	....	....	....	.11	.66	1.13	.20	....	....	.45	....	....	....	....	....	.38	....	....	4.70
Wynne [2]	St. Francis	....	....	.48	....	....	.32	1.92	....	....	.15	.33	....	....	....	....	....	....	2.30	1.90	.40	....	....	.42	....	....	....	....	....	.48	.85	....	9.55

Daily Temperatures for April, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	89	82	88	82	75	54	57	56	70	75	71	66	66	84	79	84	76	75	62	70	69	65	62	69	74	74	78	75	79	80		72.9
	Minimum	63	56	68	58	51	39	45	43	34	45	42	29	27	39	52	65	65	42	42	45	39	49	52	45	45	49	57	55	57	59		48.6
Arkadelphia §§	Maximum	89	80	90	85	61	56	61	66	70	81	66	52	67	84	81	86	79	49	60	74	73	71	71	71	77	76	81	71	83	84		73.2
	Minimum	55	54	63	67	51	43	42	41	35	39	52	32	29	37	49	55	67	48	43	37	40	53	53	44	47	50	55	57	58	59		48.5
Batesville ***	Maximum	90	80	87	80	57	50	58	54	69	70	60	47	65	85	79	82	72	47	48	69	68	72	67	67	75	68	72	80	82	77		69.2
	Minimum	65	62	60	52	49	42	45	45	36	48	51	29	28	41	60	64	66	42	41	40	38	49	53	49	43	46	54	48	60	59		48.8
Bee Branch	Maximum	85	87	84	84	80	55	50	54	65	65	59	46	64	75	78	80	79	70	62	67	69	69	65	65	74	72	71	75	80	80		70.3
	Minimum	60	60	60	60	50	45	48	48	40	48	46	25	30	45	55	60	65	47	48	50	51	56	50	49	45	47	56	55	58	58		50.5
Benton §§	Maximum	90	80	89	83	59	54	61	62	68	79	69	50	65	83	81	86	77	47	56	72	69	70	70	65	75	76	79	79	82	83		72.0
	Minimum	57	51	59	51	51	41	40	43	32	40	51	31	25	36	53	57	65	45	41	34	36	51	52	39	40	45	45	56	59	59		46.2
Bentonville ***	Maximum	87	74	76	68	54	48	48	48	67	68	56	42	64	83	81	86	74	53	64	68	72	71	53	68	76	73	77	75	74	77		67.5
	Minimum	66	57	59	50	39	39	38	41	33	49	29	24	32	46	58	58	40	38	42	39	47	52	45	41	50	53	57	58	59	45		46.1
Blytheville	Maximum	89	87	88	78	69	53	66	55	67	68	60	47	62	81	80	77	72	65	48	59	66	72	68	68	75	66	73	83	79	78		70.0
	Minimum	57	53	64	53	45	44	48	43	40	46	39	31	30	37	54	61	60	42	43	39	47	50	51	48	45	49	54	53	61	61		48.3
Booneville	Maximum	90	85	85	80	75	54	51	59	72	65	61	48	69	88	83	87	81	57	68	76	72	69	63	67	76	72	79	75	86	85		72.6
	Minimum	61	62	58	48	50	40	43	42	32	49	42	28	27	39	58	64	54	44	42	38	43	53	49	42	47	53	56	59	57	60		48.0
Brinkley	Maximum	85	82	86	79	74	53	60	56	64	70	64	47	58	80	78	81	75	70	44	65	65	65	68	61	71	78	74	73	79	78		69.4
	Minimum	59	55	70	54	48	42	46	45	35	44	42	30	26	38	56	63	65	41	41	41	37	50	53	46	45	37	56	54	54	62		48.2
Camden	Maximum	87	81	87	87	80	63	61	67	71	81	74	53	64	83	81	84	78	76	59	73	76	76	71	71	72	80	82	81	82	84		75.3
	Minimum	54	53	70	65	56	44	47	45	35	44	51	33	29	45	53	67	64	42	42	48	38	52	57	44	51	48	54	57	58	64		50.3
Conway	Maximum	94	85	91	85	73	54	59	59	69	69	68	54	69	89	83	88	78	74	53	74	71	71	69	67	75	72	74	76	84	82		73.6
	Minimum	62	58	61	52	51	41	42	44	34	48	44	31	29	39	57	66	67	45	43	39	38	52	53	48	47	51	59	55	61	63		49.3
Corning	Maximum	90	86	87	85	68	55	62	56	69	67	65	48	65	81	82	80	76	71	45	67	67	69	65	66	73	67	72	84	80	78		70.9
	Minimum	60	62	63	52	44	32	46	46	39	49	40	29	31	37	59	63	63	43	42	39	36	50	51	46	43	50	54	52	63	53		47.9
Crossett	Maximum	87	85	87	84	76	72	72	68	72	81	74	54	63	83	79	81	77	68	51	71	74	80	78	74	71	79	79	80	82	83		75.5
	Minimum	52	55	70	65	51	50	49	41	32	43	52	33	24	42	52	66	66	45	43	37	36	50	60	44	51	47	54	53	59	62		49.5
Dardanelle	Maximum	93	86	86	83	79	58	53	57	68	68	63	49	69	87	84	88	82	69	68	76	74	69	64	66	76	75	78	75	83	83		73.6
	Minimum	61	62	60	53	52	41	46	45	34	49	43	30	30	41	54	63	64	45	43	42	42	53	52	49	47	51	56	59	58	64		49.6
De Queen	Maximum	86	80	89	87	69	55	58	67	70	75	74	51	68	84	80	87	83	73	69	77	72	68	70	69	79	80	82	75	83	85		74.8
	Minimum	53	59	68	58	48	44	43	39	35	51	44	31	27	40	45	65	66	45	44	40	46	56	52	44	51	57	61	62	58	52		49.5
Devils Knob	Maximum	83	75	77	73	64	45	45	45	60	59	55	41	60	81	75	80	72	66	60	65	63	..	..	..	..	..	72	65	72	71		65.0
	Minimum	61	58	54	56	39	35	38	38	36	44	31	18	28	49	55	58	55	34	36	39	46	50	45	41	47	52	53	55	54	52		45.2
Dumas	Maximum	90	87	88	86	70	67	66	63	68	79	69	50	66	83	79	85	72	70	48	68	72	73	77	70	72	79	82	78	85	83		74.2
	Minimum	55	56	70	68	52	47	51	46	38	46	42	32	30	40	54	64	68	43	42	40	39	50	54	50	51	49	55	56	62	63		50.4
El Dorado	Maximum	87	83	87	87	80	66	64	66	76	82	75	52	63	82	82	84	84	71	57	71	75	75	74	71	72	77	82	75	81	83		75.5
	Minimum	57	61	72	78	54	51	49	46	40	49	52	34	31	49	54	68	70	45	44	42	47	54	60	48	53	56	58	64	60	64		53.7
England	Maximum	89	83	93	90	71	57	67	62	65	79	74	48	65	85	..	84	75	73	66	66	66	65	68	64	67	75	72	74	81	81		72.6
	Minimum	57	52	56	50	50	40	45	40	36	45	41	32	30	44	..	44	64	60	40	37	40	51	47	43	46	48	52	54	67	58		47.2
Eureka Springs	Maximum	88	82	78	72	62	52	46	48	70	70	58	44	64	84	84	88	80	62	65	65	74	73	57	66	75	70	75	77	74	78		69.4
	Minimum	68	65	62	51	40	39	39	40	34	46	31	22	32	46	61	60	45	37	42	38	46	51	44	41	47	51	54	57	57	53		46.6
Fayetteville	Maximum	87	81	77	72	64	52	50	48	68	66	57	44	65	83	82	86	76	52	64	69	74	68	56	71	76	75	77	73	75	79		68.9
	Minimum	65	64	61	53	41	39	39	41	31	47	31	23	31	43	59	62	48	37	41	40	46	55	45	41	49	53	58	58	58	55		47.1
Fayetteville Exp. S	Maximum	87	82	76	71	62	52	46	48	70	65	56	41	63	80	79	85	78	51	60	67	71	68	56	68	75	78	75	73	73	78		67.8
	Minimum	65	64	62	48	41	39	39	41	31	48	32	24	31	42	61	60	50	38	42	38	45	52	45	42	46	53	59	59	58	54		47.0
Fordyce	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Fort Smith***	Maximum	90	76	80	81	62	52	51	57	67	60	59	46	67	83	83	87	75	54	68	74	72	63	57	67	74	70	76	75	76	84		69.5
	Minimum	66	59	59	56	50	40	44	44	38	51	36	30	34	46	60	63	48	44	47	46	52	55	50	47	52	57	59	60	59	53		50.2
Gilbert§§	Maximum	92	76	85	79	55	51	53	52	56	72	57	58	68	88	86	86	77	51	59	70	70	71	58	68	77	69	74	75	89	76		69.9
	Minimum	66	61	57	40	43	41	38	41	28	36	44	24	20	31	47	54	65	39	38	29	31	49	45	43	38	41	53	43	58	55		43.3
Grannis	Maximum	85	78	86	85	73	54	55	63	68	72	70	49	67	82	78	85	80	60	68	75	75	65	69	70	76	75	75	72	79	84		72.4
	Minimum	57	57	65	57	45	41	40	38	35	47	39	27	27	42	47	62	58	41	42	41	52	53	45	40	46	58	57	59	52	64		47.8
Gravette§§	Maximum	89	79	76	67	54	48	46	49	67	69	47	43	65	85	81	86	76	50	65	70	74	72	54	69	76	75	78	77	77	87		65.5
	Minimum	60	62	57	52	40	42	38	40	27	31	40	23	25	33	55	57	60	37	38	40	40	50	45	40	42	48	53	57	56	59		44.9
Green Mountain	Maximum	88	85	84	78	70	49	54	49	66	67	58	42	63	85	83	82	79	65	46	66	66	70	63	63	71	69	68	74	87	78		68.9
	Minimum	65	59	57	55	42	37	41	40	36	44	35	23	30	47	57	60	59	38	38	40	45	48	48	43	47	52	52	51	65	55		47.0
Harrison	Maximum	92	79	81	74	64	51	51	50	69	72	58	45	63	86	84	89	79	55	62	69	71	71	58	66	74	71	70	76	80	79		69.6
	Minimum	67	63	63	46	42	40	43	41	31	46	33	25	29	38	58	55	55	39	40	37	37	50	49	44	45	50	54	53	58	55		46.2
Helena	Maximum	85	81	85	83	78	61	71	59	63	73	70	46	58	79	75	80	78	71	58	64	66	64	70	65	74	78	76	77	79	77		71.5
	Minimum	54	57	67	63	50	42	46	44	37	45	44	30	27	42	52	60	66	42	41	39	37	49	54	44	50	50	58	58	61	61		49.0
Highland	Maximum	84	76	87	84	77	51	57	64	68	75	73	51	65	82	78	82	80	74	68	75	72	67	69	68	75	75	80	75	80	83		73.2
	Minimum	57	55	67	60	45	41	43	40	37	47	53	29	28	47	51	63	64	44	42	53	49	53	51	44	48	52	56	61	56	61		49.2
Hope §§ ‡‡	Maximum	86	78	88	86	60	54	57	65	70	79	63	51	65	81	79	83	80	48	67	75	72	72	71	69	77	78	80	69	83	83		72.3
	Minimum	56	57	62	65	58	43	44	44	36	39	54	33	30	34	53	55	67	48	43	42	44	54	55	45	50	52	58	58	58	60		49.9
Hot Springs	Maximum	88	83	88	83	75	57	60	60	69	77	68	52	64	83	80	85	76	73	65	71	70	67	65	67	75	73	79	77	79	81		73.0
	Minimum	62	55	69	59	38	48	48	45	35	46	44	35	26	57	65	69	66	46	34	57	55	53	55	53	60	58	64	58	64	64		52.9

Daily Temperatures for April, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	86	73	86	83	59	48	50	58	69	68	56	45	65	83	80	85	78	43	65	70	71	60	60	67	75	71	80	68	79	81		68.7
	Minimum	58	59	61	47	52	39	39	32	27	43	53	25	19	35	54	58	62	41	39	40	37	51	48	34	40	45	55	61	56	60		45.7
Jonesboro	Maximum	90	82	88	82	74	52	62	54	67	68	64	46	62	81	81	81	77	71	45	67	66	68	66	65	75	69	72	81	81	78		70.5
	Minimum	61	59	60	55	44	41	44	44	39	46	39	29	30	40	57	62	62	40	40	39	38	46	48	46	47	50	53	51	51	60		47.4
Lead Hill..........	Maximum	94	82	81	66	63	53	50	49	63	72	62	39	68	79	86	85	81	52	62	55	68	64	61	67	69	69	64	64	75	78		67.4
	Minimum	59	56	61	38	41	39	42	41	27	46	32	24	23	33	49	52	49	39	39	29	32	46	47	41	40	45	53	46	57	51		42.6
Little Rock..***	Maximum	90	80	87	80	64	56	60	56	66	72	67	47	62	82	80	84	75	56	49	69	65	67	66	62	72	73	74	75	81	81		69.9
	Minimum	63	61	71	63	49	40	49	46	38	51	35	32	31	46	58	67	56	43	42	45	47	54	53	48	50	54	59	59	61	55		50.9
Little Rock.....*** [Airway]	Maximum	90	81	89	81	62	56	62	58	65	73	68	49	64	84	80	84	76	57	50	70	66	67	68	63	73	74	74	75	81	82		70.7
	Minimum	59	55	68	54	49	42	48	41	35	46	36	32	30	45	58	66	57	43	43	43	39	53	51	48	49	49	56	56	62	56		49.0
Lutherville........	Maximum	90	79	83	80	70	50	47	53	65	61	60	47	64	82	79	83	77	74	68	72	70	64	61	67	73	69	74	72	79	80		69.8
	Minimum	60	63	55	59	48	39	43	40	31	47	37	25	28	43	56	63	60	40	41	42	44	53	48	45	46	51	58	58	57	57		47.9
Magnolia..........	Maximum	85	85	86	88	85	66	62	66	72	80	80	53	65	81	82	83	80	75	65	74	76	78	76	71	75	82	..	83	82	85		76.6
	Minimum	56	61	70	66	55	46	46	44	39	51	53	34	29	44	53	67	64	45	44	62	44	39	59	47	54	56	..	59	59	65		52.1
Mammoth Spring.	Maximum	93	87	85	73	68	51	60	50	68	68	62	45	67	86	84	83	83	75	47	67	67	70	63	68	75	69	69	79	79	79		70.7
	Minimum	53	61	59	46	47	43	43	43	33	43	37	27	25	35	47	60	72	45	41	40	33	43	47	40	40	41	43	53	54	54		44.9
Marianna...	Maximum	85	82	88	83	78	59	66	60	65	72	71	47	60	..	81	80	78	74	49	68	68	69	72	66	74	77	78	..	80	79		71.8
	Minimum	56	59	70	60	51	45	48	46	38	45	44	32	31	..	43	63	68	43	44	42	40	52	55	47	49	50	60	..	59	61		50.0
Marked Tree....§§	Maximum	86	82	88	65	60	58	63	54	65	67	61	44	62	79	80	80	73	45	50	65	67	70	68	68	75	73	75	80	80	78		68.7
	Minimum	57	55	63	57	45	44	42	42	39	45	49	29	30	30	40	61	64	42	41	38	40	45	50	47	46	49	53	51	57	60		47.0
Mena..............	Maximum	87	77	87	85	72	52	53	59	72	69	60	45	69	84	82	89	80	63	67	73	76	65	62	69	79	73	81	71	83	83		72.2
	Minimum	59	60	64	54	48	40	42	39	34	50	39	27	27	46	53	64	63	42	41	42	45	51	50	41	45	51	56	62	58	64		48.6
Monticello......***	Maximum	87	84	87	86	57	68	64	67	69	79	68	50	63	82	78	81	76	62	48	69	72	73	75	68	75	78	79	73	82	80		72.7
	Minimum	56	60	69	67	50	49	46	44	44	48	40	32	28	41	53	65	60	42	42	40	41	49	51	44	51	51	58	63	61	59		50.1
Morrilton ....§§	Maximum	93	82	88	82	59	51	55	58	66	68	65	49	68	81	81	86	80	49	64	72	68	62	65	65	74	71	75	71	81	84		70.4
	Minimum	59	60	59	51	54	43	40	45	35	38	49	30	31	35	44	59	66	45	43	42	40	51	53	49	46	49	56	53	59	63		48.2
Mountain Home...	Maximum	95	80	82	78	60	60	55	50	70	75	65	45	69	85	84	85	79	56	58	70	67	72	62	68	74	66	68	78	80	76		70.4
	Minimum	60	62	58	48	42	40	38	38	34	40	39	25	27	39	58	57	53	40	40	37	38	50	49	41	43	51	54	51	59	55		45.5
Mt. Ida	Maximum	90	80	89	86	75	53	55	62	73	74	70	50	69	86	81	88	81	64	68	74	71	63	65	68	77	74	80	70	82	84		73.4
	Minimum	66	59	64	48	51	41	40	38	28	45	42	29	23	38	58	67	63	43	43	33	34	49	51	36	41	44	51	56	64	63		46.9
Nashville..........	Maximum	86	80	89	85	80	52	57	62	68	77	75	50	66	83	79	83	81	70	68	75	71	70	70	66	75	76	80	77	81	80		73.7
	Minimum	54	65	69	61	48	43	43	42	51	50	46	32	29	41	48	66	61	49	44	42	47	54	55	45	51	52	52	64	59	59		50.7
Newport...........	Maximum	90	82	87	80	73	53	59	54	66	66	62	48	61	83	79	83	78	72	46	69	67	70	67	66	75	71	74	80	80	76		70.6
	Minimum	64	61	62	51	49	47	46	46	36	45	42	31	27	49	58	63	65	42	42	42	39	54	52	50	46	49	56	49	62	69		49.8
Oden......... ..***	Maximum	88	75	88	84	61	48	53	61	73	72	69	47	68	84	82	88	81	50	67	73	71	60	64	70	78	74	79	69	83	85		71.5
	Minimum	70	62	61	53	45	41	41	40	23	51	35	29	25	46	56	66	50	43	43	47	40	50	45	41	45	49	54	58	68	56		48.1
Okay....	Maximum	87	86	89	88	82	54	58	67	69	77	76	53	67	82	82	83	82	80	70	76	77	72	73	70	75	78	81	81	83	85		76.1
	Minimum	57	61	69	63	49	44	43	43	36	51	52	33	29	42	53	66	66	46	44	40	48	59	56	46	53	56	59	59	60	67		51.7
Ozark.............	Maximum	91	81	83	82	78	55	50	55	65	65	61	48	65	83	83	86	78	62	69	77	72	65	61	66	74	71	75	76	78	84		71.3
	Minimum	56	60	55	49	51	41	42	45	33	50	41	28	28	40	46	62	61	44	43	42	44	56	50	43	51	54	60	60	57	58		48.3
Paragould....... .	Maximum	85	79	83	76	71	52	60	54	63	67	63	43	59	77	77	77	73	70	45	65	63	67	65	64	71	66	69	81	79	76		68.0
	Minimum	54	55	61	55	45	43	45	44	37	44	39	30	30	36	55	61	64	41	41	40	39	50	49	48	45	49	54	48	62	60		47.5
Pine Bluff.........	Maximum	90	83	89	83	76	59	64	62	69	80	74	49	64	85	80	84	76	62	48	69	68	70	74	65	73	75	79	74	82	82		72.9
	Minimum	62	61	72	67	52	41	49	45	39	50	44	34	31	44	57	67	67	45	43	39	42	57	56	46	52	52	57	60	60	65		52.0
Pocahontas.......	Maximum	89	86	88	86	74	55	62	55	66	67	69	51	65	80	79	79	75	70	45	68	67	67	64	67	74	71	71	79	79	78		70.9
	Minimum	55	56	60	52	44	41	44	44	37	44	39	27	28	35	52	61	61	41	40	39	37	47	49	47	44	49	52	47	61	56		46.3
Portland	Maximum	88	88	86	83	77	72	71	68	68	80	73	55	64	81	79	83	78	69	50	68	70	77	76	70	70	77	80	78	81	80		74.7
	Minimum	51	57	68	64	55	48	49	44	38	44	55	32	29	41	48	62	65	45	41	39	40	49	61	45	51	49	55	59	58	59		50.0
Prescott...........	Maximum	88	86	90	88	83	56	58	67	71	80	77	53	68	84	82	85	81	80	65	77	74	72	73	73	78	79	83	78	85	86		76.6
	Minimum	58	57	70	66	49	44	45	44	38	49	52	33	30	45	53	65	68	46	44	40	46	55	56	46	52	53	57	62	59	65		51.6
Rogers	Maximum	88	83	77	70	60	51	44	47	78	68	67	44	66	85	83	89	79	54	63	69	73	70	56	68	78	72	78	75	75	79		69.6
	Minimum	66	65	61	45	41	39	39	41	28	47	32	23	28	39	59	58	45	38	42	38	41	53	45	42	48	51	56	58	58	55		46.0
Russellville......‡‡	Maximum	92	90	85	84	80	58	52	58	67	67	62	50	67	87	83	88	84	79	68	75	70	67	64	66	75	75	76	74	83	83		73.6
	Minimum	55	77	56	49	51	41	41	46	33	48	42	29	28	61	59	62	64	45	44	62	49	54	51	47	46	48	59	63	59	63		51.1
St. Charles ......§§	Maximum	87	83	86	83	61	63	64	56	66	77	62	49	61	82	77	83	73	49	50	68	69	70	71	64	77	79	71	77	82	78		70.6
	Minimum	59	60	67	65	55	48	44	46	37	46	56	32	29	35	51	59	67	47	42	42	40	48	54	47	52	51	57	64	62	64		51.1
Searcy	Maximum	91	82	89	81	75	53	60	55	68	63	64	50	64	85	78	85	77	71	48	70	71	73	71	66	76	76	77	76	82	79		71.9
	Minimum	56	56	60	53	48	41	46	43	37	45	42	31	28	39	50	64	66	42	41	38	37	51	53	48	45	48	57	52	60	59		47.9
Stuttgart	Maximum	87	84	89	84	75	60	65	59	67	76	69	49	63	83	78	84	75	72	48	69	68	70	72	63	75	77	76	74	82	79		72.4
	Minimum	57	58	70	62	52	44	48	45	37	45	42	32	29	42	55	64	67	42	42	38	39	51	53	47	49	51	56	56	62	63		49.9
Stuttgart . ....‡‡§§	Maximum	84	82	82	82	57	61	63	56	65	75	64	42	61	80	71	83	74	47	49	67	67	69	69	63	74	77	76	74	80	78		69.1
	Minimum	55	58	64	61	51	46	43	45	36	44	54	33	30	38	53	58	66	47	43	40	39	50	54	47	51	50	57	59	62	63		49.9
Subiaco	Maximum	91	83	81	80	72	52	50	55	67	63	59	46	65	83	83	89	80	59	68	74	72	64	61	67	77	72	74	71	82	85		70.8
	Minimum	62	63	57	58	50	41	44	45	35	48	40	29	32	43	63	62	59	44	43	46	47	53	50	45	48	52	57	58	58	61		49.8
Texarkana	Maximum	87	79	91	88	78	56	62	67	72	82	76	52	69	85	82	85	85	73	69	79	75	78	73	71	78	82	82	72	85	87		76.7
	Minimum	58	61	62	68	50	44	44	43	39	52	48	33	30	43	53	65	68	44	44	47	50	59	55	48	53	58	63	62	60	66		52.3
Thornburg	Maximum	89	79	89	82	69	54	52	58	72	75	62	47	63	88	80	84	77	61	61	71	70	65	64	66	76	76	78	73	81	81		71.4
	Minimum	60	58	62	42	49	38	44	38	28	46	40	28	23	32	57	65	59	41	40	45	30	47	48	39	38	45	56	52	59	59		45.6
Turnpike..........	Maximum	85	74	79	73	62	46	46	46	61	60	58	43	59	80	75	80	72	60	58	60	65	65	57	64	71	67	70	68	73	70		64.9
	Minimum	61	58	63	55	39	34	36	36	34	42	29	19	27	49	54	59	55	34	35	37	37	48	45	40	45	51	52	55	53	50		44.4
Waldron	Maximum	90	87	85	83	78	58	53	58	72	70	70	46	69	..	87	88	83	68	67	..	73	66	63	70	78	79	83	78	83	85		73.9
	Minimum	60	62	66	49	53	41	44	42	31	49	40	29	26	..	39	64	64	44	42	..	40	54	52	39	44	49	56	60	55	56		48.2
Warren	Maximum	85	89	89	86	81	75	67	70	72	81	78	51	63	70	82	81	77	72	50	70	68	75	76	69	76	79	81	77	82	83		75.2
	Minimum	59	60	65	67	55	50	46	46	36	45	46	32	28	35	45	66	68	42	42	41	36	41	57	45	50	49	55	67	59	63		49.9
White Rock	Maximum	85	81	78	75	68	49	46	46	61	57	59	41	62	80	77	81	73	61	61	67	65	60	54	62	69	67	71	68	71	76		65.7
	Minimum	54	58	55	57	40	35	36	37	36	45	28	18	19	50	52	59	55	34	37	43	48	50	43	40	48	53	55	55	54	54		44.9
Wilson	Maximum	87	82	89	84	75	53	65	59	64	70	65	44	60	70	80	81	76	71	48	63	65	72	67	67	75	72	74	82	80	79		70.6
	Minimum	60	58	66	55	45	45	47	43	38	43	40	30	31	39	55	61	65	42	43	38	37	49	50	47	44	49	54	60	61	60		48.5
Wynne	Maximum	86	85	89	87	78	54	63	59	66	69	67	47	61	81	80	82	80	73	47	76	68	69	72	64	75	72	74	78	85	80		72.2
	Minimum	55	58	67	53	48	47	46	43	35	45	45	30	28	40	53	62	65	43	43	35	36	52	52	45	45	47	56	53	61	60		48.7

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.263	.291	.259	.289	.313	....	.. .	....	.218	.168	.322	.138	.181	.222	.298	.231	.152	.236	.102	.100	.198	.194	.129	.288	.161	.191	....	.152	.278	.199		6.430
	Mean tem.	71	68	75	76	59	48	52	54	53	59	58	42	48	58	66	69	74	48	55	58	58	53	53	57	64	65	69	64	70	72		61.1
	Wind move	65	52	81	50	60	113	83	92	65	22	74	111	79	75	83	85	68	60	72	50	30	58	50	66	34	23	36	36	76	81		1930
Irons Fork,.. §§ Exp. Forest	Evap.	.211	.278	.110	.243	.222	.089	.048	.070	.085	.147	.071	*	.072	.136	.219	.200	.130	.196	.025	.116	.200	.159	.023	.118	.124	.150	.091	.165	116	.170		3.984
	Mean tem.	72	66	74	65	56	44	44	45	48	56	60	35	42	59	67	72	70	42	52	55	52	56	54	50	58	58	68	64	68	70		57.0
	Wind move	48	69	51	13	13	29	25	25	20	18	32	40	21	19	36	56	37	35	21	23	19	36	10	19	8	8	14	27	54	31		857
Russellville.... Ozark Nursery.	Evap.	.274	.192	.206	.218	.262	.130	.088	.120	.106	.112	.106	.158	.140	.114	.334	.158	.183	.245	052	.214	.200	.158	.160	.200	.172	.130	.150	096	.294	.126		5.098
	Mean tem.	74	84	70	62	66	50	46	52	55	58	52	40	48	74	71	75	74	62	56	68	60	60	58	56	60	62	68	68	71	73		62.4
	Wind move	45	42	43	19	28	125	76	109	30	25	56	110	40	19	47	34	47	107	58	50	20	47	67	54	20	18	53	44	109	37		1579
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.309	.221	.154	.237	.288	.128	.039	.126	.091	.117	.100	*	*	.365	.200	.207	.173	.085	.088	.033	.171	.163	.070	.243	.125	.143	.142	.185	.103	.207		4.413
	Mean tem.	70	70	73	72	54	54	53	50	50	60	59	38	46	59	62	70	75	47	46	54	53	60	62	55	62	64	66	66	71	70		59.5
	Wind move	100	75	150	80	76	139	165	162	100	26	100	119	64	72	90	151	131	116	107	58	47	36	60	99	34	15	31	78	116	142		2739

Daily Precipitation for April, 1940 Hydrologic Stations

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Alicia[1]	White			.33			.67	.38			.27	.30						.65	1.35	.60			.05						.77	.08	.69	6.14
Antoine(near)[2]	Ouachita						1.90	1.22				.70									.01			.60		*	*	.15				......
Beaty Lake(near)	St. Francis						.90	.66			.10	.41					.09	.43	1.70	.47				.17					.55	.11		5.59
Beedeville[2]	White		.14					1.44				.13	.60					.02	1.49	1.81	.46			.04					.44			6.57
Blue Mountain[2]	Arkansas			1.30			.83	.62			.10	.60							1.00	1.20								.33		1.20		7.18
Briggsville[1]	Arkansas		.18	.07			2.11	.02			.03	.49				*	*	*	*	*	*	*	1.53				.16		1.47		.40	6.46
Cabot[2]	Arkansas						1.80				.03	.47						.70		.80			.40							.06	.06	4.32
Carlisle[2]	Arkansas			.18				1.87					.50						1.58	1.03	.17			.35						.44	.02	6.14
Carpenter Dam[1]	Ouachita					.18	2.35				.03	.37						.36	.52	.08			.52				.10		.85	.02	1.22	6.60
Centerville(near)[3]	Arkansas						3.00					.65							1.86					.20						1.49		7.20
Clarksville[1]	Arkansas		.64	.01			1.41				.51	.37						.25	.49	.41							.49		1.74		.93	7.25
Clay	White			.34				1.57			.26	.78							1.51											.71	1.10	6.27
Compton[1]	White						.84	.09			1.14	1.60						.83	.25	.68							.40		1.40		.83	8.06
Denmark[2]	White			.34				1.87				.95	.09				.04		.78	1.12	.33									1.00		6.52
Dermott[2]	Mississippi							3.50				.34	1.32						1.60	1.00	.04		.04	.10						.80	.87	9.61
Eleven Point[2]	White							.98					1.55	.26					.58	.91	.45									.70		5.43
Enders(near)[2]	Arkansas			.24				2.13			.35	.46					.01	.27	.85		.09									1.03	.67	6.10
Evening Shade[2]	White			.15				.90			.05	1.09	.03					.02	.42	1.36	.41			.11						.51	.27	5.32
Foreman[1]	Red											.45						.20	1.77	.25									1.65			......
Forrest City[1]	St. Francis						*	1.50			.02	.48						.32	2.00	.40	.03		.01	.04					.30	.60	.21	5.91
Greenbrier[1]	Arkansas			.30			2.08	.18			.55	.40						1.44	.47	.22							.05		.80		.43	6.92
Green Forest[2]	White			.70			.90	.50			*	.50	2.00						.70	.30								.50	*	1.30		7.40
Greenwood[2]	Arkansas			.95			.74	1.06			.20	1.01						.25		.20				.01				.42		1.72		6.56
Hardy[1]	White						.62	.20			1.01	1.23						.56	.95	.36	.05								.50	.08	.79	6.35
Harrisburg[2]	St. Francis			.31				1.59				.19	.44					.04	.85	1.47	.31			.06						.38		5.64
Huntsville[2]	White			.01				.91	.02		.62	1.46						.41	.11					.12				.54		1.03	.27	5.50
Jacksonville[2]	Arkansas			.01			1.85				.05	.46						.03	.65	.17			.27							.52	.42	4.43
LaCrosse[2]	White			.11				1.05				1.00	.11						.64	1.84	*	.28		.11						.61		5.75
Lake City[2]	St. Francis			.45				1.67			.04	.49		.10				1.49	.54	1.80	.35			.10						.30		7.33
Marvell[2]	White							1.76					.79						1.28		2.06			.31						.46	.61	7.27
Mountain View[2]	White			.05				1.71				.71	.30						.33	2.05			.02					.04		1.06		6.27
Newhope(near)[2]	Ouachita						1.94	1.26			1.03							.14		1.19				1.13						1.83	.02	8.54
Nimrod[2]	Arkansas			.07			.96	1.26			.05	.70						.05	.12	1.53					.05				.11		1.32	6.22
Odell (near)	Arkansas		*	.19			1.23				*	2.66						.57					.05				.44		*	1.75	.63	7.52
Parthenon[2]	White			.35				1.00				2.00								.60	1.17								.42		1.83	7.37
Pottsville[s]	Arkansas						1.90					.80					.15	.23									.40		1.45			4.93
Quitman[2]	Arkansas																															......
St. Paul[2]	White			.06			.25	.95			.55	2.50						.66		.33				.04				.48		1.74	.16	7.72
Shirley[2]	White			.26				2.00				.97							1.06	1.12	.09									1.05		6.55
Solgahachie[2]	Arkansas						2.03				1.20								1.38										1.14		.45	6.20
Sparkman[2]	Ouachita						.78	1.08				.60		.24				.12	.60	.59		.04		.36						1.25	.01	5.67
Tichnor[2]	White						.02	1.60				.02	1.37						1.07	1.63	.06			.09						.90	.10	6.86
Vick[2]	Ouachita							2.00				*	1.95						1.30	.20										1.20	.30	......
Wheeling[1]	White			.32			.87	.25			1.30	1.32						.24	.99	.52									.68	.60	1.58	......
Winfrey[1]	Arkansas		.03				.93	.02			1.86	1.08						.71	.02				.03				.46		1.43	.04	.28	6.89

Daily River Stages for April, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	....	....	....	....	....	....	....	6.4	7.6	7.8	7.3	9.7	12.5	12.4	11.3	9.3	8.3	8.0	7.5	7.0	6.6	6.9	8.2	7.8	7.2	6.8	6.3	5.8	6.4	10.0
Van Buren	do	22	2.5	2.4	2.5	2.6	3.1	3.3	3.8	5.2	6.6	6.9	6.8	9.3	12.0	12.0	11.2	8.9	7.4	7.2	6.7	6.2	5.6	5.8	7.2	7.0	6.3	6.0	5.3	4.0	6.0	9.1
Mulberry	Mulberry	..	2.0	1.9	1.9	2.0	1.9	1.8	2.4	3.4	2.9	2.6	6.0	6.2	4.6	3.8	3.3	2.9	2.7	4.4	3.6	4.2	3.6	3.1	2.9	2.6	2.4	2.2	2.4	2.3	7.9	5.6
Danville	Petit Jean	20	3.7	3.6	3.5	4.2	4.3	4.3	10.3	17.8	17.7	13.8	9.8	10.3	13.4	11.4	9.1	7.6	6.6	5.8	7.3	14.5	17.6	14.6	10.5	8.1	6.8	6.0	5.7	5.2	10.5	18.8
Ozark	Arkansas	22	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	0.3	1.1	2.0	2.9	3.0	6.3	7.3	8.0	7.3	6.1	4.3	4.0	3.7	3.3	2.6	2.2	2.0	3.3	2.9	2.5	2.1	1.7	2.4	4.6
Dardenelle	do.	22	1.9	1.7	1.7	1.8	1.8	1.7	3.9	5.3	5.4	6.0	7.0	9.0	10.1	11.4	11.3	10.4	9.0	7.6	7.7	7.0	7.2	6.4	5.8	6.3	6.8	6.1	5.8	5.4	6.1	8.4
Morrilton	do.	20	-2.5	-2.5	-2.7	-2.7	-2.6	-2.7	-1.9	1.1	1.8	2.2	3.1	4.0	6.6	7.4	8.2	7.6	6.6	5.0	4.5	5.1	4.1	5.0	3.2	2.9	3.5	3.2	2.4	2.0	1.6	4.5
Little Rock	do.	23	-0.4	-0.3	-0.3	-0.4	-0.4	-0.4	0.2	1.1	3.5	3.9	4.0	4.6	6.1	7.5	8.3	8.5	7.7	6.8	5.7	5.7	6.3	6.0	5.4	4.7	4.5	4.7	3.3	3.7	3.4	3.5
Pine Bluff	do.	25	2.8	2.8	3.0	3.0	3.0	2.9	3.2	3.4	3.8	7.1	7.4	7.7	8.4	10.4	11.3	12.2	11.9	11.3	10.8	9.2	9.5	9.9	9.2	8.7	8.1	7.9	7.9	7.4	6.9	6.6
Gilbert	Buffalo	30	4.3	4.1	4.1	4.1	4.2	4.0	5.7	6.3	5.5	5.0	5.6	9.5	6.6	5.9	5.5	5.1	4.8	5.5	7.4	7.9	6.5	5.9	5.5	5.1	4.9	4.7	4.6	4.6	5.3	7.4
Doniphan, Mo.	Current	10	3.3	3.3	3.8	3.3	3.2	3.2	3.4	3.3	3.3	3.4	3.4	3.6	4.2	4.8	6.0	6.5	7.2	8.2	9.5	9.0	8.7	7.2	6.6	6.0	5.6	5.1	4.8	4.3	4.1	4.0
Black Rock	Black	14	5.8	5.5	5.3	5.0	4.6	4.2	4.4	4.9	5.0	4.9	5.1	14.6	17.5	15.9	14.9	14.2	13.4	12.7	13.0	16.6	17.8	17.5	17.4	17.3	17.1	16.8	16.4	15.9	15.6	15.2
Heber Springs	Little Red	30	6.1	5.7	5.4	5.2	5.0	4.8	7.1	13.6	10.4	8.7	8.7	11.3	10.5	9.1	8.2	7.5	7.0	7.6	9.7	15.4	11.7	9.8	8.7	7.9	7.3	6.6	6.2	5.9	6.0	11.6
OzarkBeachMo	White	30	3.6	1.2	-0.6	1.3	2.6	1.0	3.1	2.4	1.6	3.4	6.0	15.2	14.0	12.2	8.4	6.8	5.8	5.5	5.1	5.0	4.6	4.9	4.6	4.5	4.2	1.6	0.4	1.0	4.5	4.8
Cotter	do	21	4.9	4.8	4.5	3.9	4.2	4.4	4.2	5.8	4.8	4.5	11.5	15.8	16.4	14.4	12.4	9.3	7.8	7.2	7.4	7.9	7.0	6.6	6.2	6.0	5.7	5.2	4.5	4.3	4.3	5.7
Calico Rock	do	18	3.1	2.8	3.2	2.1	1.7	1.9	3.1	3.5	4.4	4.2	8.1	20.9	18.5	14.7	12.9	9.7	7.5	6.0	9.5	10.6	8.6	7.0	6.5	5.6	5.1	4.6	4.2	3.6	3.8	4.7
Batesville	do	23	8.6	8.9	8.6	8.7	7.9	7.5	8.7	9.5	11.1	10.2	10.3	23.3	26.2	24.0	21.3	18.9	15.5	13.9	15.2	19.0	17.1	15.0	13.1	12.1	12.0	11.0	10.6	10.0	9.7	9.7
Newport	do	26	6.3	6.3	6.3	6.1	5.7	5.0	4.9	6.4	7.0	8.2	8.0	12.0	20.8	23.9	24.4	24.3	23.3	22.0	20.9	21.7	22.4	22.1	21.3	20.4	19.4	18.6	17.9	17.1	16.4	15.8
Georgetown	do	21	8.0	8.6	8.8	8.8	8.7	8.2	8.1	9.0	11.4	12.2	12.4	12.9	15.4	17.4	18.1	18.6	19.2	20.5	21.2	22.2	22.6	22.7	22.7	22.7	22.5	22.3	22.0	21.7	21.5	21.2
Des Arc	do	24	9.8	10.8	11.1	11.3	11.3	11.1	11.1	11.7	13.1	14.4	14.9	15.3	16.2	18.0	18.8	19.4	20.0	20.8	21.7	22.5	23.2	23.7	24.3	24.9	24.9	24.9	24.6	24.4	24.0	23.6
Clarendon	do	26	14.1	14.7	15.3	15.6	15.7	15.7	15.9	16.2	16.7	17.6	18.5	19.0	19.5	20.1	20.8	21.5	22.0	22.7	23.7	24.5	25.2	25.7	26.2	26.7	27.2	27.5	27.7	27.7	27.8	27.8
St. Charles	do	25	13.8	14.0	14.5	14.9	15.2	15.3	15.4	15.7	16.0	16.6	17.4	18.1	18.7	19.1	19.6	20.2	20.7	21.1	21.8	22.4	22.8	23.2	23.7	24.1	24.5	24.8	25.1	25.5	25.8	26.0
Glenwood	Caddo	..	5.2	5.2	5.2	5.2	5.2	5.4	8.3	6.8	6.2	6.0	5.9	6.8	6.3	6.1	5.9	5.8	5.7	5.7	6.8	6.4	6.1	6.0	6.0	5.8	5.8	5.7	5.6	5.6	9.6	7.2
Arkadelphia	Ouachita	17	4.6	4.5	5.1	6.5	5.0	5.3	13.0	11.5	9.5	7.6	7.6	9.5	9.1	8.5	9.0	8.2	8.1	8.4	9.8	9.7	8.4	7.9	9.0	8.5	8.2	8.0	8.2	7.8	9.6	13.7
Boughton	Little Mo.	20	4.6	4.6	4.4	4.4	4.2	4.8	10.7	15.5	16.3	16.3	12.4	10.4	11.8	11.7	9.5	8.2	7.4	7.2	8.4	11.8	12.6	11.6	10.0	11.8	11.9	9.5	8.3	7.8	9.4	13.3
Camden	Ouachita	26	7.2	6.8	5.9	5.5	5.6	6.3	6.2	12.4	18.5	20.1	18.5	17.3	17.5	18.8	18.4	17.0	15.3	13.8	13.2	14.5	14.5	16.8	17.2	16.6	16.8	15.9	15.0	14.0	13.3	13.8
Benton	Saline	20	5.4	5.5	5.3	5.1	5.0	4.9	13.9	12.2	8.8	7.7	7.1	8.9	8.2	7.4	6.9	6.6	6.4	6.3	7.1	8.9	7.8	7.2	6.8	7.4	6.9	6.4	6.2	6.0	6.2	10.4
Whitecliffs	Little River	25	3.2	3.2	3.0	2.9	2.8	2.8	7.2	16.1	20.3	22.0	21.8	20.0	18.5	17.0	17.0	15.0	12.2	10.1	7.8	11.2	12.0	11.4	7.4	7.8	8.1	7.5	6.2	5.6	5.5	15.5
Index	Red	25	6.2	6.6	6.6	6.4	6.1	6.2	8.6	12.8	18.2	17.1	15.8	14.6	14.1	14.4	14.1	13.0	12.2	11.4	10.7	10.6	10.5	10.2	10.0	9.8	8.0	8.8	8.6	8.5	8.4	9.0
Fulton	do	25	4.8	4.8	4.9	4.6	4.4	4.4	6.6	10.6	19.0	19.8	18.4	17.7	16.9	16.6	16.6	15.4	13.9	12.2	11.0	10.8	11.1	11.3	10.7	9.9	9.5	9.0	8.3	7.8	7.8	9.5
Big Lake Outlet	St. Francis	10	7.2	7.1	7.1	7.1	7.0	6.8	6.8	6.7	6.6	6.6	6.6	6.9	7.2	8.2	9.2	9.7	10.0	10.4	10.7	11.1	11.6	12.3	12.8	13.1	13.2	13.2	13.1	12.9	12.7	12.6
S. Francis	do	18	10.1	10.0	10.1	10.0	9.7	9.2	8.8	8.4	8.1	8.1	10.2	13.3	15.3	16.1	16.8	17.4	18.0	19.2	19.9	20.0	20.0	20.3	20.6	20.8	20.9	20.8	20.5	20.0	19.6	19.2
St. Francis L.L.	do	..	22.7	22.6	22.5	22.6	22.4	22.2	22.2	22.0	21.8	21.7	21.6	21.6	21.5	21.5	21.6	21.7	21.9	22.2	22.5	22.7	23.0	23.2	23.6	23.8	24.1	24.3	24.4	24.5	24.7	24.9
Marked Tree	do	17	5.6	5.6	5.5	3.7	5.0	5.3	5.6	5.6	6.6	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.6	6.8	7.4	7.8	7.8	7.4	7.3	6.8	6.6	6.5	6.5	6.4	6.4
Parkin	do	28	8.5	8.4	8.3	8.2	7.6	7.3	8.1	8.8	9.0	8.9	8.5	8.1	8.0	7.8	7.5	7.3	7.1	7.6	10.3	12.7	13.7	13.7	13.3	12.6	12.3	12.1	12.2	12.6	13.1	13.6
Madison	do	32	9.2	9.4	9.3	9.3	9.1	8.6	9.3	9.8	10.2	10.4	10.6	10.6	10.9	11.0	10.9	10.8	10.5	10.6	12.5	13.9	15.0	15.3	15.5	15.6	16.0	16.5	17.1	17.7	18.4	19.0
Helena	Mississippi	42	18.3	18.3	18.4	18.9	19.5	20.1	21.1	22.5	24.2	26.0	27.4	28.7	29.4	29.6	29.7	29.6	29.2	29.0	29.0	28.9	29.2	29.8	31.0	32.6	33.9	35.0	35.9	36.5	37.1	37.5
Arkansas City	do	42	14.0	13.8	13.7	13.7	13.7	14.4	15.1	15.7	16.6	17.8	19.3	20.5	21.6	22.3	22.7	23.1	23.3	23.3	23.2	23.0	22.9	23.0	23.4	24.0	25.0	25.8	26.5	27.0	27.4	27.8

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1] Precipitation is for the 24-hour period, midnight to midnight. [2] Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3] Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Hankins, Monticello, Montongo, Plantersville, Rock Springs, Ross and Underwood, Soil Conservation Service, Monticello; Mulberry, R 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office, Little Rock, Ark. 5-23-40-1150

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLV LITTLE ROCK, ARK., MAY, 1940 No. 5

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GENERAL SUMMARY

The mean temperature for May was 66.6°, which is 2.5° below the 50-year average. This was the fifth consecutive month with temperatures below the average. The monthly means ranged from 60.6° at Lead Hill to 70.2° at Magnolia and Prescott, a difference of 9.6° between the Ozarks and southern sections of the State. The highest temperature during the month was 94°, recorded at two stations on the 6th and 8th, while the lowest was 33°, recorded at two stations on the 2d. These extremes are well within the limits established by previous records. The greatest daily range was 51° at Ozark on the 5th.

The average precipitation, based on the reports of 105 stations, was 3.62 inches, which is 1.33 inches below the 50-year average. The monthly amounts ranged from 0.63 inch at Lead Hill to 11.51 inches at Grannis. Of the 75 stations for which 35-year normals have been computed, only 12 showed positive departures. These 12 stations were scattered over the southwestern, the south-central, and a few eastern counties. Most of the rain fell in the form of scattered showers during the period from the 9th to the 29th. There was an average of 9 days with 0.01 inch or more rainfall. The greatest amount recorded for any 24-hour period was 4.45 inches at Grannis on the 18th.

Farm work and the progress of crops were generally retarded the first part of the month, but conditions improved the latter part. The night temperatures were too low for cotton and the stand was about two weeks later than usual. Cotton planting was about completed in all areas at the close of the month. Corn, oats and wheat made fair progress. At the close of the month wheat was heading well and near normal advancement. The crop needed additional moisture in north-central counties. Early oats was maturing and harvesting was about to begin in southern counties, but the crop was developing slowly in central and northern sections. Corn was generally late and stands were spotted. Rice planting progressed rapidly the latter part of the month and was nearly completed n some southern areas. Truck and garden crops made fair to good progress.

Flood stages continuing from April, were reported on the Ouachita, Black and the White River below Newport the first part of the month. The Little River was at flood stage during he last week of the month and the Red at Fulton rose to near flood stage at end of the month. The upper St. Franis was at flood stage the first week.

Tornado, 18th, at 6 p. m., rural area, 4 miles northwest of Bee Branch in Van Buren County, moved NE about 5 miles, width 1-4 mile. Several buildings were destroyed or badly amaged, and a forest observation tower blown over. No one was killed or injured. Loss was estimated at $5,000. Lighting caused a fire which destroyed an eight room brick consolidated school building at Roland, Pulaski County, at p. m., May 22, 1940. Loss estimated at $25,000.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville..	29.97	30.21	11	29.64	18	6.4	21	w.	1	..	..	..	79
Fort Smith..	29.96	30.18	11	29.64	18	7.7	26	nw.	5	74	47	46	71
Little Rock..	29.96	30.20	6	29.66	18	8.2	27	nw.	28	36	54	57	75
Memphis	29.94	30.21	6	29.63	25	7.8	24	sw.	19	78	48	51	73

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog									1	5												1		1				3	1		
Light hail	2																	2						1	1						
Moderate hail																								1							
Thunderstorm	5				2				4	1				12		4	3	23	3	9	16	18	10	15	8		4	2	1		

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67.8	95	36	9.52	0.0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0.0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70.8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67.6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0.0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1986	70.9	96	35	2.50	0.0	7	16	9	6
1987	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4.85	0.0	10	13	9	9
1940	66.6	94	33	3.62	0.0	9	17	8	6
Period	69.1	107	24	4.95	T.	8	13	10	8

Corrections

February: Fort Smith, rainfall on 3d, 0.29 inch; total precipitation 1.93; departure from normal −0.71.

March: Jonesboro, greatest precipitation in 24 hours, 0.62. Marvell, drainage basin, White. Memphis, relative humidity 12 noon, 61. Oden, prevailing wind direction, W. Okay, mean monthly temperature, 57.5. Quitman, drainage basin, Arkansas. Subiaco, mean monthly temperature 52.8.

April: Highland, prevailing wind direction, S. Irons Fork, mean monthly temperature, 57.2; rainfall on 12th, 0.40; total for month 7.31 inches. Morrilton, prevailing wind direction NE. State, departure from normal precipitation, page 21, +2.04.

Climatological Data for May, 1940

				Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days					
Stations	Counties	Elevation, feet	Length of record years	Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Alum Fork †	Saline	755	4	66.9		88	6	44	1	37	3.33		1.10	0.0	9	13	13	5	e.	L. R. Water Works
Amity	Clark	500	45																	J. W. Campbell
Arkadelphia	Clark	200	45	67.7		94	6	46	2	36	4.10	-1.03	0.86	0.0	13	18	10	3	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56								5.25	+0.28	1.95	0.0	7	20	1	10		Herbert Neff
Batesville Airway	Independence	363	4	66.2	-0.8	89	6§	41	2	38	1.93		0.55	0.0	8	5	9	17	nw.	Airway Observer
Batesville	Independence	277	41								3.48	-1.51	0.98	0.0	10	20	6	5		Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	66.7	-1.6	88	5§	43	1	38	3.45	-1.61	1.00	0.0	9	17	8	6	w.	J. E. Scanlan
Benton	Saline	285	5	64.6		89	5	35	2§	43	4.88		1.29	0.0	10	21	4	6	nw.	S. A. Burks
Bentonville	Benton	1295	35	64.2	-0.8	87	6	41	2	32	1.59	-3.62	0.80	0.0	7	13	10	8	s.	U. S. Weather Bureau
Bethesda	Independence	....	1								1.52		0.66	0.0	6					Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10								4.68		1.58	0.0	7	21	3	7		C. J. Brooks
Black Rock	Lawrence	259	39								2.35	-2.38	1.12	0.0	7	26	0	5		Vernon C. Howe
Blytheville	Mississippi	252	15	66.8	-3.4	92	8	38	4	41	4.38	+0.46	1.44	0.0	9	24	2	5	sw.	Samuel Norris
Booneville	Logan	465	26	67.0	-2.8	90	6	41	2	37	3.10	-2.58	1.27	0.0	9	18	8	5	w.	F. H. Randolph
Boughton †	Clark	235	5								5.30		1.21	0.0	12	21	1	9		Harry J. Buie
Brinkley	Monroe	205	49	65.2	-4.8	85	6§	39	3	35	2.62	-2.77	0.98	0.0	8	21	4	6	sw.	R. J. Torry
Calico Rock	Izard	361	36								1.19	-3.46	0.57	0.0	8	17	5	9		William Jones
Camden	Ouachita	116	55	67.7	-3.1	89	6	45	2	36	3.40	-1.32	1.34	0.0	14	16	4	11	s.	J. M. Knight
Clarendon	Monroe	172	36								3.91	-0.65	1.81	0.0	12	17	7	7	n.	R. M. Wheatley
Clinton	Van Buren	516	19								1.79	-3.04	0.72	0.0	7	10	18	3	sw.	A. L. Stephens
Conway	Faulkner	309	57	68.0	-2.0	91	6	44	1§	38	3.77	-1.29	1.69	0.0	9	18	9	4	s.	E. E. Cordrey
Corning	Clay	293	47	67.1	-0.9	91	6§	39	4	41	4.48	-0.25	1.78	0.0	8	22	4	5	s.	Winfred D. Polk
Cotter	Baxter	440	13								1.19	-3.70	0.51	0.0	6	18	9	4		O. B. McSpadden
Crossett	Ashley	175	28	67.6	-4.2	90	21	41	2	43	2.71	-1.94	1.43	0.0	8	20	3	8	n.	U. S. Forest Service
Danville	Yell	327	24								2.60	-3.19	0.93	0.0	10	12	14	5		J. M. Patterson
Dardanelle	Yell	330	54	68.8	-1.0	92	6	44	1	35	3.50	-1.69	1.61	0.0	8	9	16	6	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	68.7		88	6	45	2	33	8.00		1.61	0.0	10	18	3	10	s.	E. B. Smith
Des Arc	Prairie	204	2								3.40		0.90	0.0	11	16	4	11		Z. R. Glenn
Devils Knob †	Johnson	2350	4	63.2		83	6	39	1	28	2.46		0.65	0.0	8	20	0	11	se.	U. S. Forest Service
Dumas	Desha	162	35	68.7	-2.5	92	17§	44	2	39	3.09	-0.38	0.96	0.0	11	9	17	5	s.	Ben Johnson
El Dorado	Union	270	40	70.6	-0.8	90	21	51	2	33	4.07	+0.59	1.06	0.0	14	20	5	6	w.	Mrs. E. W. Gaston
England	Lonoke	229	34	68.0^{c}	-0.9	89^{c}	5§	41^{c}	3	44^{c}	3.34	-1.15	0.74	0.0	8	16^{b}	7^{b}	6^{b}	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	65.1	-1.3	88	6	40	1§	34	1.49	-4.10	0.57	0.0	8	20	6	5	n.	Geo. W. Nichoalds
Fayetteville	Washington	....	3	65.5		87	5§	41	1§	36	1.71		0.56	0.0	8	4	18	9	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	64.7	-1.5	85	5§	40	2	36	1.55	-3.74	0.64	0.0	8	13	15	3	s.	University of Arkansas
Fordyce	Dallas	275	12																	
Fort Smith	Sebastian	448	59	68.5	-1.1	90	6	47	2	30	2.70	-2.12	1.36	0.0	9	16	17	8	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	....	3								1.46		0.53	0.0	8	17	3	11		Ft. Smith Water Plant
Fulton	Hempstead	260	55								5.25	+0.60	0.87	0.0	13	17	5	9		T. J. Logan
Georgetown	Woodruff	200	28								3.00	-1.75	1.15	0.0	9	24	3	4		C. G. Long
Gilbert	Searcy	600	15	63.0		90	6	33	2	46	1.71	-2.73	0.51	0.0	8	24	3	4		F. E. King
Glenwood	Pike	547	5								7.69		1.72	0.0	14	22	2	7		C. A. Price
Grannis	Polk	950	21	65.7	-1.3	85	5	43	1	36	11.51	+5.08	4.45	0.0	10	14	11	6	s.	W. E. McVay
Gravette	Benton	1250	43	64.2	-1.2	89	5	38	2	40	4.04	-1.38	1.90	0.0	9	16	13	2	sw.	Max W. Schmidt
Green Mountain	Stone	1100	3	65.6		88	6	40	2	33	1.12		0.41	0.0	7	21	7	3	s.	U. S. Forest Service
Harrison	Boone	1052	40	65.6	-0.2	92	6	42	1§	40	1.07	-4.14	0.35	0.0	7	19	7	5	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	....	11								4.61		1.47	0.0	9	16	11	4		Lester B. Logan
Helena	Phillips	300	68	66.0	-4.8	89	22	39	2	32	1.84	-2.85	0.52	0.0	9	18	5	8	nw.	James A. Burnett
Higden	Cleburne	445	21								2.27	-3.05	0.56	0.0	8	19	8	4	s.	Austin E. Cartwright
Highland	Pike	491	21	67.5		86	21	47	1	32	7.11	+1.99	1.50	0.0	9	16	9	6	se.	J. O. Cooley
Hope ††	Hempstead	375	70	68.0	-3.0	88	21	47	2	38	5.30	+0.10	1.28	0.0	11	16	10	5	sw.	Experiment Farm
Hot Springs	Garland	600	49	66.2	-3.6	88	5§	36	2	38	4.37	-1.64	1.05	0.0	10	18	7	6	s.	National Park Service
Index †	Little River	275	23								4.65	+0.23	0.95	0.0	11	23	0	8		W. E. McDowell
Irons Fork †††	Polk	....	2	63.0		88	6	39	3§	45	5.30		1.00	0.0	14	15	11	5	sw.	U. S. Forest Service
Jessieville	Garland	750	14								4.48	-1.56	1.14	0.0	8	5	20	6	sw-	U. S. Forest Service
Jonesboro	Craighead	345	45	66.6	-2.9	89	7	40	4	37	3.35	-0.84	1.52	0.0	10	12	14	5	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	60.6	-6.8	86	31	33	2	37	0.63	-4.20	0.20	0.0	7	20	7	4	w.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	67.5	-2.8	88	5§	48	1	30	3.10	-1.65	0.81	0.0	8	15	8	8	nw.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	66.6		88	5§	43	2	34	3.28		0.81	0.0	8	15	8	8	nw.	W. B. Airport Station
Lutherville †	Johnson	775	42	65.9	-2.1	88	5§	41	3	40	3.47	-1.80	1.36	0.0	9	14	13	4	e.	H. G. Lenhardt
Madison	St. Francis	209	10								3.89		1.15	0.0	9	9	5	17		J. W. Eppes
Magnolia	Columbia	315	24	70.2^{a}	-1.2	89^{a}	21	45^{a}	2	38^{a}	2.79	1.68	0.65	0.0	9	6^{a}	18^{a}	6^{a}	s.	State Agri. School
Mammoth Spring	Fulton	600	36	64.6	-1.4	91	6§	38	4	43	2.43	-2.16	0.74	0.0	8	17	11	3	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	68.4	-1.8	88	8§	44	2	34	4.09	-0.19	2.68	0.0	9	21	5	5	s.	C. N. Houck
Marked Tree	Poinsett	229	36	65.8	-3.2	90	8	36	12	47	4.12	-0.58	1.67	0.0	9	17	9	5	s.	Charles Walton
Mena	Polk	1207	52	66.6	-2.0	89	6	45	1	38	7.79	+1.55	1.68	0.0	12	16	6	9	sw.	E. W. St. John
Monticello Airway	Drew	273	4	68.7		89	17§	46	2§	36	3.60		2.10	0.0	10	11	10	10	sw.	Airway Observer
Morrilton	Conway	315	21	67.2	-1.8	94	8	42	1	39	2.51	-2.40	0.60	0.0	11	19	6	6	nw.	Mrs. Nova Berry
Mountainburg	Crawford	2010	3								1.68		0.58	0.0	8	26	1	4	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	64.8	-1.3	92	6	39	2	41	0.89	-4.12	0.35	0.0	6	23	0	8	w.	H. N. Halbert
Mountain Valley	Garland	273	3								4.66		1.12	0.0	9	21	3	7	se.	J. G. Scott
Mount Ida	Montgomery	702	41	65.2	-2.8	89	5§	38	2	44	5.28	-0.65	1.36	0.0	8	16	8	7	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	....	1								5.37		1.04	0.0	11	22	5	4	sw.	U. S. Forest Service
Mulberry †	Franklin	....	2								1.72		0.42	0.0	8	12	10	9		Clifton Ward
Nashville	Howard	350	2	68.5^{i}		87	5	48^{i}	3	33^{i}	6.22		1.64	0.0	8	20	4	7	s.	H. B. Carruth
Newport	Jackson	231	57	67.6	-2.2	88	5§	42	4	36	4.80	+0.44	1.70	0.0	9	17	10	4	n.	J. D. Henderson
Oden	Montgomery	800	13	66.4		88	5§	45	16	39	4.58		1.04	0.0	9	13	12	6	sw.	U. S. Forest Service
Okay	Howard	288	12	68.4		88	5§	46	2§	39	7.63		1.63	0.0	12	16	9	6	sw.	Charles R. Jackson
Osceola	Mississippi	250	40								1.86		0.65	0.0	7	12	16	3		G. H. Banks
Ozark	Franklin	396	45	67.4	-2.2	90	6	38	5	51	2.90	-1.89	1.10	0.0	10	17	6	8	w.	Orkney O. Milton
Paragould	Greene	275	17	65.6		87	8	42	2	34	3.63	-1.17	1.28	0.0	11	23	7	1	sw	J. E. Garrett
Parkin	Cross	222	10								3.87		2.00	0.0	8	18	4	9		Carroll King
Pine Bluff	Jefferson	215	53	68.6	-2.8	88	5	45	2	30	4.15	-0.52	1.11	0.0	11	14	11	6	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16								5.78	+0.51	1.68	0.0	7	13	8	10	w.	J. R. Huddleston
Pocahontas	Randolph	300	47	65.4	-2.9	88	6§	39	2§	38	3.00	-1.88	1.11	0.0	12	20	5	5	nw.	Benedictine Sisters
Portland	Ashley	122	34	68.0	-3.6	90	17§	45	2	36	4.13	-1.22	2.18	0.0	9	15	11	5	nw.	W. E. Edmiston
Prescott	Nevada	318	52	70.2	-0.2	89	5§	47	2	38	5.40	-0.35	1.06	0.0	13	13	10	8	s.	Craig Williams
Rogers (near) †	Benton	1300	50	64.6	-1.2	89	6	39	2	38	1.68	-3.38	0.57	0.0	7	23	4	4	sw.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6								2.61		1.04	0.0	7	14	14	3	w.	G. A. Maddox
Russellville	Pope	526	28	69.0^{b}	-0.6	92	6	39^{b}	2	40^{b}	4.92	-0.67	2.01	0.0	10	26	0	5	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	67.6		88	17§	42	2	33	2.88		0.74	0.0	8	15	11	5	w.	U. S. Biological Survey
St. Francis	Clay	290	13								3.10	-0.85	0.96	0.0	9	24	0	7		A. Boyce Boyd, Jr.
Searcy	White	245	30	67.1	-1.4	89	5§	40	2	37	3.05	-1.39	0.81	0.0	12	19	6	6	s.	Walter A. Smith
Springbank †	Miller	240	31								3.60	-0.93	1.00	0.0	11	13	7	11		Henry Field
Story	Montgomery	650	16								3.29	-1.68	0.82	0.0	6	23	4	4	ne.	S. C. Story
Stuttgart	Arkansas	214	53	67.4	-2.5	89	17	42	2	33	4.14	-0.71	1.67	0.0	9	23	2	6	s.	Mrs. B. E. Swim
Stuttgart ††	Arkansas	210	5	66.9		88	7§	42	2	34	3.42		0.85	0.0	8					Rice Experiment Sta.

Climatological Data for May, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	43	68.4	−1.5	91	6	46	1	38	2.34	−2.93	0.76	0.0	6	18	7	6	w.	New Subiaco Abbey
Texarkana	Miller	332	56	69.8	−1.6	89	5	49	2	37	6.41	+1.81	1.12	0.0	12	20	4	7	s.	H. S. Brashear
Thornburg	Perry	650	20	65.5	−1.9	89	5	39	16	43	2.95	−2.79	1.00	0.0	8	16	10	5	s	Edward E. Holmes
Turnpike †	Pope	2210	16	62.6	......	84	6	40	1§	30	1.68	−4.04	0.85	0.0	6	19	6	6	sw.	U. S. Forest Service
Waldron	Scott	675	21	66.3[d]	......	91[d]	7	42[d]	2	39[d]	3.74	−2.26	1.42	0.0	8	7[d]	18[d]	2[d]	nw.	Wilson Ferguson
Warren	Bradley	206	46	68.6	−2.8	90	5	45	2	37	3.30	−1.40	0.97	0.0	8	8	7	16	sw	C. N. Turner
Whitecliffs	Little River	290	34	....	......	......	......	......	......	......	8.79	+4.41	1.70	0.0	11	20	3	8	......	L. M. Snead
White Rock †	Franklin	2285	4	64.3	......	83	5§	40	1	27	2.08	......	0.70	0.0	7	19	8	4	nw.	U. S. Forest Service
Wilson	Mississippi	237	15	67.1	−2.3	92	8	37	4	36	2.41	−2.59	1.05	0.0	6	23	1	7	s.	D. O. Anderson
Wynne	Cross	167	32	66.5	−2.8	87	6§	41	2	36	2.31	+2.41	0.60	0.0	7	14	7	10	s.	B. M. Eddins
State Means	......	..	....	66.6	−2.5	~~96~~	~~5~~	33	2	51	3.62	−1.33	4.45	0.0	9	17	8	6	s.	

Daily Precipitation for May, 1940

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser. †	Ouachita	.62								1.10					.12					.06			.40	.36	.24	.25		.18	T.				3.33
Amity	Ouachita																																....
Arkadelphia[2]	Ouachita	.34								.25	.13					.18		.37	.30	.50				.15	.86	.39	.04	T.	.43	.16			4.10
Arkansas City[2]	Mississippi	1.28														.25		T.	T				T.	1.95	.56	.05		T.	1.05	.11	T.		5.25
Batesville Airway+	White									.14					.16				.55		.04	.01	.21	.37	.45								1.93
Batesville River[2]	White	.98								.15	.04					.23				.91		.08	.01	.28	.40	.40							3.48
Bee Branch	Arkansas	.50								.05					T.	.10			.40	1.00		.10	.55	.15	T.	60							3.45
Benton[2]	Saline	.51								.25	.13					.06			.03	1.29			T	.60	.95	.39			.67	T.			4.88
Bentonville[1]‡	Arkansas					T.			T	T.					.05			.04	.80		T	.19	.04	.28	19								1.59
Bethesda	White									T.									.06	.66		.05	.15	.40	.20	T.				T.			1.52
Big Lake Outlet †[2]	St. Francis	.51	T							T.	T.					.18				1.58		T.	.40	1.46	.41	.14							4.68
Black Rock[2]	White	1.12								.03						.31							.25	.35	.27	.02							2.35
Blytheville[2]	St Francis	1.08								T.	.02					.24			T.	.83		.09	.14	1.44	.42	.12							4.38
Booneville	Arkansas									35					.02		.02		1.27			.01	.15	.87		.18		.23					3.10
Boughton †[2]	Ouachita	.06								.68	.21							.41	.29	.08				.44	1.21	.64		.03	1.08	17			5.30
Brinkley	White	.39								.23									.57	T.			.98	.13	.23	01		.08					2.62
Calico Rock[2]	White	.57								.02						.25				.04			.10	.05	.10	.06							1.19
Camden[2]	Ouachita									.36	32					.05		.03	.12	.07			.09	.05	.27	.31	.02	.01	1.34	.36			3.40
Clarendon[2]	White	.93									.23					.13		T.	.03	.18		T.	06	1.81	.32	.10			.12				3.91
Clinton	White									.15					.07				.72	.06			.15	.38	.26								1.79
Conway	Arkansas									.62					.09				.58	.05			1.69	.25	.18	.26		.05					3.77
Corning[2]	White	1.78								T.						.34		T		.12			.03	1.55	.10	.51	.05						4.48
Cotter[2]	White	.28														.10				.51		T.		.10	.12	.08							1.19
Crossett [near]	Ouachita	.28								T	.06								.11					1.43			.26	.14	.32	.11			2.71
Danville[2]	Arkansas									.26	.06					.01			.18	.44			.93	.04	.40	.16			.12				2.60
Dardanelle[2]	Arkansas															.02			.13	1.61		.09	.86	.01	.41	.37							3.50
De Queen	Red									1.61							.98		1.31		.02	.37	.17	1.39		.29		1.28	.58				8.00
Des Arc[2]	White	.82								T.	.40					.22			.03	.41		T.	.18	.90	.30	.10			.04				3.40
Devils Knob †	Arkansas									.12					.29				.65	.02		.45	.57	.18		.18							2.46
Dumas	Mississippi	95								T.					.09	.23	.08		.08				.10	.96		.13	.02	.40	05				3.09
El Dorado[2]	Ouachita	.30								.12	.12					.15		.07	.30			.11		.36	.80	.07	.15	.04	42	1.06	T.		4.07
England	Arkansas	.74								.25					.05				.60	.20			.55	60		.35			T.				3.34
Eureka Springs	White								.10						.10				.57			.20	08	.33	.08		03						1.49
Fayetteville	White					T.			T.	02					.20			T.	.56	T.	T.	.40	.09	.36	.04	.04			T.				1.71
Fayetteville Exp. S	White									.02					.19				.64	T.		.12	.08	.37	.06	.07		T.					1.55
Fordyce	Ouachita																																....
Fort Smith[1]‡	Arkansas					T.			.09	.07					.03		T.	.01	.84		.01	T.	1.13	.40	.07			T.					2.70
Fort Smith W. †[2]	Arkansas	.02								06						.01			.31	.28			T.	.12	.53	.13							1.46
Fulton[2]	Red	T.								.87	.14					T.		.84	.53			.25	.05	.20	.53	.33	.03	.33	.77	.38			5.25
Georgetown	White	.40							T	.15	.20				T.	.05				.60		.05	.05	1.15	35								3.00
Gilbert[2]	White	.51								02						.51				.25			.12	.05	.11	.14							1.71
Glenwood[2]	Ouachita	.21								.79	.13					.04		.32	1.03	1.72			.24	.07	1.39	.87	.04		.77	.07			7.69
Grannis	Red								T	1.53					T.		.53		4.45			.12	1.71	.83		.88	.05	1.13	.28				11.51
Gravette[2]	Arkansas	.25								1.90						.05			.12	.92			.14	.15	.19	.32							4.04
Green Mountain †	White	.41								.03					.25				.08				.07	.24	.04								1.12
Harrison	White														.10				.24	.10			.35	.14	.13	.01	T.						1.07
Heber Springs[2]	White	1.08								.11						.78			.02	1.67		T.	.01	.36	.43	.15		T.					4.61
Helena[2]	Mississippi	.40									.23					.17			.03	.04				.18	.52	.03			.24				1.84
Higden	White									.14					.45				.20	.56		.02	.23	.41	.26								2 27
Highland	Ouachita	.17								1.50					.04		.40		1.50					.90		.95		1.23	.42				7.11
Hope ‡†[2]	Red									1.28	.33							.30	.50			.13		30	.50	.41		.24	94	.37			5.30
Hot Springs	Ouachita									.65					.22		.10		.99	.03			.40	1.05	.15	.32		.46	T.				4.37
Index †[2]	Red	.05								.35	.65							.30				.35	T.		.30	.30	.10	.50	.80	.95			4.65
Irons Fork †‡‡[2]	Ouachita	.02								.72	.01					.04	.03	.26	.97	.42			.03	.30	1.00	.86	T.	.10	.54				5.30
Jessieville	Ouachita									69					.12				1.14				.95	.75		.40		.38	.05				4.48
Jonesboro[2]	White	.44	T.							.13	.03					.36				.41		.01	.04	1.52	.30	.11							3.35
Lead Hill	White									T					.10				.20	.04		.05	.13	.05	.06								0.63
Little Rock[1]‡	Arkansas									41					.02		T.	T.	.67			T	.66	.81	.41	.01		.11	T.				3.10
LittleRock Air'y[1]‡	Arkansas									.54					.02			T	.81			T	.77	.73	.33	.01		.07	T				3.28
Lutherville †	Arkansas									.21					.10				.55		.43	.05	1.36	.46	.06	.25							3.47
Madison[2]	St. Francis	.29								T.	.32					.42				.05			.65	1.15	.65	.26	T.		.10				3.89
Magnolia	Red									.25									.27			.22	.01	.29		.38	.07	.65	.65				2.79
Mammoth Spg[2]	White	.74							T.	.06						.49				.30			.30	.20	.05	.29							2.43
Marianna	St. Francis	.23								.29						.07			.03			.05	2.68	.45	.21			.08					4.09
Marked Tree[2]	St. Francis	.68									.17									.43		.02	.35	1.67	.38	.37					.05		4.12
Mena[2]	Ouachita	T.								.91	T.					.02	T.	.21	.93	1.68			.12	.64	1.41	.70	.01	.15	1.01	T.			7.79
Monticello Air ‡	Ouachita									T					.05		.12	T.	.07		T.	.04	2 10	.38	.04	.08	T.	.46	.26	T.			3.60
Morrilton[2]	Arkansas	.60								.25						.10			.12	.40		.03	.29	.04	.45	.21			.02				2.51
Mountainburg	Arkansas									.09					.08			.10	.54			.05	.14	.58	.10								1.68
Mountain Home	White														.20				.20	.35			.06	.05	.03								0.89
Mountain Valley	Ouachita	.08								.84					.14		T		1.12				.57	86	.08	.33		.64	T.				4.66
Mount Ida	Ouachita									1.04					.36		.33		1.36				.10	.65		.64		.80					5.28
Mount Ida CCC	Ouachita									1.04					.31		33		.80	.32		T.	.07	.95	.10	.70		.73	.02	T.			5.37
Mulberry †[2]	Arkansas	.20								.13									.25	.42		14	T	.10	.40	.08							1.72
Nashville	Red									1.32							.37		1.64				.04	.54		.22		1.55	.54				6.22
Newport[2]	White	1.05								.20	.09					.62				.57		.01		1.70	.37	.19							4.80
Oden	Ouachita									1.04					.13		.23		1.00				.01	.80	.06	.71		.60					4.58
Okay	Red									1.63					.08		1.02		.80		.03	.20	.04	.40		.58		1.62	1.18	.05			7.63
Osceola[2]	Mississippi	.16	T.								.02					.26				.20		T.		.65	.49	.08							1.86
Ozark[2]	Arkansas	.17								.10						.16			.29	1.10		.25	.26	.12	.31	.14			T				2.90

Daily Precipitation for May, 1940 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Paragould	St. Francis	.59	....	....	....	....	....	....	....	18	....	....	....	....	.14	.18	....	....	.14	.24	....	.18	1.28	.32	.29	.09	....	....	....	....	....	....	3.63
Parkin²	St. Francis	.53	....	....	....	....	....	....	....	T	.13	....	....	....	....	.17	....	....	....	18	....	T.	.19	2.00	.40	.27	....	....	....	....	....	....	3.87
Pine Bluff²	Arkansas	1.11	....	....	....	....	....	....	....	.03	.06	....	....	....	....	.29	....	T.	.09	.20	....	....	....	.66	.82	.24	T.	....	.64	.01	....	....	4.15
Pine Ridge²	Ouachita	....	....	....	....	....	....	....	....	1.15	....	....	....	....	....	.11	....	....	1.27	....	.06	....	.. .	....	1.68	.69	....	*	.82	..	....	....	5.78
Pocahontas	White	.68	....	....	....	....	....	....	....	.02	....	....	....	....	.35	.06	....	.02	.15	.09	....	.11	.05	1.11	.21	.15	....	....	....	....	....	....	3.00
Portland²	Ouachita	.85	....	...	....	....	....	....	....	T.	.02	....	....	....	....	....	....	T.	T.	....	....	....	.08	.65	2.08	.04	....	.05	.26	.10	....	....	4.13
Prescott²	Ouachita	01	....	....	....	....	....	....	....	.89	.36	....	....	....	....	....	....	.32	.32	.06	....	.02	....	.62	1.06	.43	....	.10	.96	.25	....	....	5.40
Rogers (near)†	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.07	....	....	T.	.57	.01	....	.19	.42	.34	08	....	....	....	....	....	....	....	1.68
Rosebud†	Arkansas	....	....	....	....	....	....	....	....	.15	....	....	....	....	.15	....	....	....	1.04	....	....	.16	.48	.42	....	.21	....	....	....	....	....	....	2.61
Russellville ‡‡	Arkansas	.36	....	....	....	....	....	....	....	15	....	....	....	....	.14	....	....	....	.26	2.01	....	.30	1.11	.17	.21	.21	....	T	....	....	....	....	4.92
St. Charles²	White	.48	....	....	....	....	....	....	....	....	.05	....	....	....	....	.21	....	....	....	.03	....	....	T.	.62	.60	.15	....	....	.74	T.	....	..	2.88
St. Francis²	St. Francis	.67	.08	....	....	....	....	....	....	T.	.07	....	....	....	....	.20	....	T.	T	.26	....	....	T	.96	.28	.42	.16	....	....	....	....	....	3.10
Searcy²	White	.73	....	....	....	....	....	....	....	.31	.02	....	....	....	....	.10	....	....	.03	.81	....	.02	.17	.15	.41	.27	....	T.	.03	T.	....	....	3.05
Spring Bank†²	Red	....	....	....	....	....	....	....	....	.17	.40	....	....	....	....	.37	....	T	.35	T.	....	.20	T.	02	.12	.15	.52	T	.30	1.00	....	....	3.60
Story²	Ouachita	....	....	....	....	....	....	....	.82	....	....	....	....	....	.18	....	....	....	.67	....	....	....	....	.77	.47	....	....	.48	....	....	....	....	3.39
Stuttgart²	Arkansas	.73	....	....	....	....	....	....	....	10	.23	....	....	....	....	.34	....	....	.05	.15	....	....	....	1.67	.20	....	....	....	.67	....	....	....	4.14
Stuttgart ‡‡²	Arkansas	.60	....	....	....	....	....	....	....	....	.16	....	....	....	....	.23	....	....	T.	.09	....	....	....	.85	.57	.14	....	T.	.78	....	....	....	3.42
Subiaco	Arkansas	....	....	....	....	....	....	....	....	.12	....	....	....	....	.17	....	....	....	.37	....	....	T.	.76	65	T.	.27	....	T.	....	....	....	....	2.34
Texarkana²	Red	....	....	....	....	....	....	....	....	.43	.20	....	....	....	....	.10	....	.70	.50	....	....	.25	....	1.12	.50	.55	....	.44	1.10	.52	....	....	6.41
Thornburg	Arkansas	....	....	....	....	....	....	....	....	.61	....	....	..	....	.21	....	....	....	.37	.02	T.	T.	.22	1.00	....	....	.40	.12	T.	....	....	....	2.95
Turnpike†	Arkansas	....	....	....	....	....	....	....	....	.16	....	....	....	....	.03	....	....	....	.85	....	....	.12	.31	.21	T.	....	....	....	....	....	....	....	1.68
Waldron	Arkansas	....	....	....	....	....	....	....	....	.47	....	....	....	....	....	....	....	....	.59	....	....	....	.13	1.42	.59	.03	....	.45	.06	....	....	....	3.74
Warren	Ouachita	.65	....	....	....	....	....	....	....	....	....	....	....	....	.15	....	.20	....	T	....	....	....	20	.45	....	.18	....	.50	.97	....	....	....	3.30
Whitecliffs²	Red	....	....	....	....	....	....	....	....	1.33	....	....	....	....	....	....	1.05	.35	.60	....	....	.30	.10	....	1.40	.47	....	.87	1.70	.62	....	....	8.79
White Rock†	Arkansas	....	....	....	....	....	....	....	....	.10	....	....	....	....	.22	....	....	....	.70	....	....	.33	.11	.44	T.	.18	....	....	....	....	....	....	2.08
Wilson²	Mississippi	.35	....	....	....	....	....	....	....	..	.10	....	....	....	....	.20	....	....	....	.16	....	....	....	1.05	.55	....	....	....	....	....	....	....	2.41
Wynne²	St. Francis	....	....	....	....	....	....	....	....	...	.43	....	....	....	....	.18	....	....	....	.27	....	.03	.35	.60	.45	....	....	....	T.	....	....	....	2.31

Daily Temperatures for May, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	77	70	81	78	87	88	84	84	78	77	78	81	84	82	71	77	85	82	75	83	87	81	71	77	71	75	75	77	80	81	83	79.4
	Minimum	44	48	47	48	50	64	61	58	61	51	58	48	59	56	52	47	56	60	55	48	61	65	58	52	54	53	53	55	55	52	56	54.4
Arkadelphia §§	Maximum	71	75	84	79	89	94	91	86	69	78	82	83	85	84	79	79	88	81	79	84	86	79	77	80	78	78	66	68	82	83	83	80.6
	Minimum	48	46	48	53	54	58	57	55	58	55	52	55	53	57	51	49	54	58	54	51	56	64	65	52	52	55	59	59	60	55	56	54.8
Batesville ***	Maximum	67	70	77	71	88	89	87	89	70	79	80	83	88	84	72	79	87	75	79	84	86	82	70	79	73	74	76	82	81	83	85	79.6
	Minimum	45	41	44	43	52	64	63	59	58	50	51	45	55	55	49	45	55	64	56	50	61	65	55	49	52	48	51	50	56	51	57	52.9
Bee Branch	Maximum	78	70	80	78	88	88	86	85	80	80	78	75	80	80	75	75	85	80	75	75	87	81	70	76	75	76	70	75	80	84	85	79.0
	Minimum	43	44	48	45	50	60	62	65	65	55	50	50	50	50	52	52	58	60	53	55	51	60	60	50	55	50	55	55	60	60	63	54.4
Benton §§	Maximum	69	73	83	77	89	88	85	85	72	77	78	83	85	86	78	74	87	79	80	84	88	82	66	80	76	78	66	71	83	83	85	79.7
	Minimum	46	35	35	44	49	61	54	54	54	50	49	45	45	49	47	43	44	53	56	46	46	61	64	46	47	51	54	56	53	51	51	49.6
Bentonville ***	Maximum	59	67	76	77	86	87	85	81	74	80	76	82	85	73	66	78	82	71	75	82	80	68	60	76	66	71	72	77	76	79	82	75.8
	Minimum	42	41	49	52	60	64	61	60	56	48	50	51	62	53	44	46	62	55	48	55	59	60	53	51	49	46	53	50	51	49	55	52.7
Blytheville	Maximum	64	68	73	71	85	91	90	92	85	78	76	85	89	85	71	72	88	80	80	86	82	86	75	78	74	75	76	83	81	80	84	80.1
	Minimum	48	44	48	38	52	63	60	59	52	47	51	44	53	58	52	46	54	63	59	52	62	60	61	55	56	50	52	54	58	53	59	53.6
Booneville	Maximum	68	74	82	80	89	90	87	86	77	84	81	84	87	80	75	82	87	82	77	84	84	81	72	80	73	76	72	75	83	83	85	80.6
	Minimum	42	41	45	53	56	61	61	58	62	48	52	54	60	56	46	45	57	61	50	47	63	65	53	46	54	51	55	55	52	51	53	53.3
Brinkley	Maximum	72	69	67	75	84	85	83	85	77	74	74	80	83	80	71	77	85	80	77	80	85	84	66	74	73	74	70	74	80	80	83	77.5
	Minimum	47	40	39	43	53	65	60	56	61	49	49	45	51	55	50	44	53	62	60	48	61	65	58	50	53	50	51	57	56	53	55	52.9
Camden	Maximum	80	77	87	83	88	89	86	87	67	78	83	83	84	80	80	78	82	83	82	82	88	81	77	77	77	77	73	69	78	78	78	80.4
	Minimum	50	45	50	54	54	57	56	58	62	53	51	49	52	59	50	49	54	63	57	50	63	66	56	49	53	55	58	60	61	55	55	55.0
Conway	Maximum	79	75	83	79	90	91	87	88	77	80	81	84	88	84	76	74	89	78	80	86	89	81	71	81	76	76	70	76	86	83	87	81.5
	Minimum	44	44	45	48	55	62	58	59	63	54	53	49	56	56	49	47	57	64	57	50	57	65	56	50	54	50	55	59	57	54	60	54.4
Corning	Maximum	75	70	75	73	85	91	91	90	84	81	77	84	90	86	81	80	88	82	80	87	82	83	70	78	72	75	80	84	81	82	85	81.4
	Minimum	46	41	44	39	52	64	60	59	60	46	51	43	56	58	48	43	53	61	59	52	60	61	60	51	56	48	52	53	54	51	56	52.8
Crossett	Maximum	79	78	85	78	88	87	85	86	77	77	81	84	85	83	80	80	88	88	81	85	90	86	78	80	82	76	70	68	82	84	86	81.8
	Minimum	53	41	42	53	54	53	53	56	56	52	46	44	47	53	54	45	53	63	62	48	60	63	57	53	53	55	59	60	63	52	51	53.4
Dardanelle	Maximum	76	77	82	82	90	92	87	86	81	80	83	85	88	84	75	80	88	86	78	86	87	86	72	79	76	76	71	74	85	84	86	82.0
	Minimum	44	45	48	52	56	62	60	62	64	52	57	54	62	59	51	47	58	62	55	51	62	66	55	49	54	51	55	57	55	62	57	55.6
De Queen	Maximum	78	77	87	82	87	88	84	81	72	82	83	83	83	81	80	77	84	83	81	79	85	85	71	80	79	76	71	68	83	85	85	80.6
	Minimum	58	45	47	58	57	55	58	68	62	54	57	58	57	58	51	53	57	64	53	52	63	63	57	48	53	57	57	62	67	56	57	56.8
Devils Knob	Maximum	59	66	77	68	82	83	79	79	72	77	74	76	80	71	67	72	78	73	71	76	75	73	61	70	65	68	64	77	76	77	78	73.0
	Minimum	39	40	52	46	54	64	62	63	54	53	55	53	61	57	42	51	58	55	46	56	58	61	48	48	49	46	54	53	58	56	63	53.4
Dumas	Maximum	75	74	81	77	90	89	89	90	79	77	81	80	85	89	80	74	92	83	81	89	92	87	71	81	80	80	65	70	84	82	86	81.7
	Minimum	52	44	46	50	56	60	60	67	63	52	50	47	51	59	55	48	55	62	62	50	63	65	56	54	55	56	57	60	62	54	56	55.7
El Dorado	Maximum	79	79	86	83	89	89	85	86	76	77	82	86	86	84	79	77	89	84	85	86	90	84	77	78	79	74	69	68	84	84	85	81.9
	Minimum	55	51	53	56	59	61	60	63	65	55	55	58	57	62	55	55	60	63	60	59	67	70	62	58	56	56	63	61	64	59	60	59.3
England	Maximum	76	75	80	73	89	88	80	89	79	80	80	83	87	83	85	77	89	82	79	..	..	89	79	89	76	85	..	75	78	82	88	82.0
	Minimum	46	46	41	46	54	61	61	58	59	60	61	46	54	58	56	44	57	64	58	..	..	52	58	48	52	54	..	57	54	53	57	54.1
Eureka Springs	Maximum	60	67	75	81	86	88	87	83	79	79	78	80	84	78	68	79	87	77	77	81	80	75	63	75	69	72	75	79	78	81	82	77.3
	Minimum	40	40	50	50	56	59	64	54	56	49	52	55	63	59	44	45	58	60	48	59	57	62	53	50	48	45	52	51	51	50	55	52.7
Fayetteville	Maximum	61	68	78	79	87	87	85	81	76	79	78	82	86	79	69	80	85	79	75	82	82	76	65	77	69	71	70	78	78	81	82	77.6
	Minimum	41	41	49	54	62	66	62	60	57	47	55	57	62	58	44	44	62	60	48	55	60	62	53	49	49	45	51	48	51	49	53	53.4
Fayetteville Exp. S	Maximum	59	65	76	76	85	85	84	80	77	79	77	81	85	81	67	80	85	81	73	80	80	78	65	76	67	71	72	80	80	80	83	77.0
	Minimum	41	40	46	52	60	65	63	59	57	46	50	53	62	58	43	44	58	60	48	54	59	63	54	48	48	43	51	48	50	49	52	52.4
Fordyce	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Fort Smith***	Maximum	66	72	83	79	88	90	87	81	80	80	81	84	85	74	73	80	85	84	76	84	84	74	66	79	70	73	69	80	82	[illegible]	85	79.3
	Minimum	48	47	53	56	58	71	68	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.7
Gilbert§§	Maximum	64	69	78	74	89	90	88	87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.8
	Minimum	37	33	36	37	51	56	54	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.1
Grannis	Maximum	69	75	84	77	85	80	81	81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.3
	Minimum	43	44	48	54	54	55	59	62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.1
Gravette§§	Maximum	62	72	77	79	89	88	87	84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.1
	Minimum	43	38	44	52	54	61	58	58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.3
Green Mountain	Maximum	70	66	73	72	86	88	84	84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.5
	Minimum	41	40	48	43	55	65	66	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.7
Harrison	Maximum	61	67	77	75	89	92	90	87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6
	Minimum	42	43	50	45	53	63	63	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.7
Helena	Maximum	75	66	72	71	84	85	83	86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.3
	Minimum	48	39	43	43	55	63	61	62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.8
Highland	Maximum	74	76	84	79	85	85	83	83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6
	Minimum	47	48	52	54	56	59	59	61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.4
Hope §§ ‡‡	Maximum	72	77	86	79	87	87	85	85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.7
	Minimum	51	47	48	54	57	60	59	62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.3
Hot Springs	Maximum	66	70	82	78	88	88	82	84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.2
	Minimum	51	36	46	54	51	66	69	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.0

Daily Temperatures for May, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork §§‡‡	Maximum	66	71	84	76	86	88	83	80	73	77	80	80	82	78	72	75	82	77	75	82	82	68	62	76	71	73	70	70	79	79	80	76.7
	Minimum	42	48	39	52	55	64	61	56	58	42	46	49	50	51	40	40	50	59	45	41	57	59	57	39	49	41	47	50	46	46	45	49.2
Jonesboro	Maximum	73	69	73	72	86	88	89	88	83	78	74	82	87	83	70	78	88	83	79	85	80	82	69	77	74	74	76	82	80	80	83	79.5
	Minimum	45	42	45	40	51	64	62	62	59	49	54	45	58	58	49	47	53	62	58	55	62	61	59	50	53	49	52	53	56	52	59	53.7
Lead Hill	Maximum	54	62	66	68	83	85	84	77	72	73	80	75	81	84	70	68	83	79	69	75	82	76	67	72	64	72	76	81	81	71	86	74.7
	Minimum	41	33	37	38	48	51	51	52	57	40	44	42	52	54	42	37	52	61	48	42	52	59	53	40	44	44	45	45	45	42	49	46.5
Little Rock •••	Maximum	66	70	78	70	88	88	84	85	75	75	75	80	83	80	73	74	87	78	75	83	85	78	66	78	73	75	65	70	80	80	82	77.4
	Minimum	48	49	52	51	58	66	62	63	60	55	57	56	58	60	56	53	60	60	59	54	67	65	54	51	55	57	60	59	60	60	62	57.6
Little Rock ••• [Airway]	Maximum	68	72	79	71	88	88	85	86	70	76	77	82	85	81	75	74	88	79	78	83	86	80	67	79	76	75	65	71	82	81	83	78.4
	Minimum	48	43	47	48	54	62	61	59	58	55	51	48	57	58	52	47	56	60	56	52	64	65	54	49	55	56	55	58	59	55	59	54.9
Lutherville	Maximum	65	70	81	73	88	88	85	84	76	80	80	82	86	79	73	76	86	79	75	81	84	75	68	75	72	72	71	76	80	82	84	78.3
	Minimum	42	43	41	49	55	65	61	60	61	51	57	51	51	58	46	46	57	60	45	50	60	65	54	54	51	50	54	54	57	54	57	53.5
Magnolia	Maximum	82	76	86	85	88	88	87	87	83	79	85	85	84	84	80	81	87	84	83	83	89	88	75	80	81	79	74	68	83	84	..	82.6
	Minimum	53	45	48	58	62	61	60	61	64	55	53	55	59	65	52	54	60	64	57	55	65	69	58	50	55	55	62	61	58	58	..	57.7
Mammoth Spring	Maximum	59	67	68	72	89	91	91	89	81	80	78	84	90	84	69	79	85	78	80	85	83	78	69	75	70	75	84	85	79	84	83	79.5
	Minimum	43	41	41	38	59	61	60	53	49	44	47	41	50	51	49	40	53	58	55	49	55	61	53	45	49	47	47	50	51	47	52	49.6
Marianna	Maximum	77	72	78	73	85	87	85	88	82	77	77	80	85	82	78	79	88	84	83	86	85	87	69	76	76	77	68	75	82	81	83	80.2
	Minimum	51	44	46	48	58	67	62	62	62	52	54	51	56	58	56	49	55	65	63	52	63	65	58	55	57	55	55	59	61	55	60	56.6
Marked Tree §§	Maximum	65	68	73	71	86	87	88	90	65	77	89	83	87	84	71	78	89	77	77	85	83	85	70	77	74	74	73	80	80	80	84	79.0
	Minimum	46	44	48	40	50	59	59	58	50	50	55	36	45	56	51	48	53	61	59	51	61	59	60	51	53	50	53	53	59	54	59	52.6
Mena	Maximum	67	72	88	81	87	89	85	81	72	78	80	84	84	80	75	81	85	82	80	84	85	77	67	80	73	72	73	67	80	82	84	79.2
	Minimum	45	46	50	53	61	62	60	62	60	47	53	52	55	58	47	48	55	60	51	50	64	61	53	47	52	49	55	57	52	53	53	53.9
Monticello •••	Maximum	70	75	82	74	87	87	85	87	71	78	82	84	86	84	80	73	89	86	80	86	89	84	70	79	79	76	65	69	83	81	85	80.2
	Minimum	52	46	46	53	59	62	62	63	60	56	53	55	58	61	53	50	60	67	56	51	66	67	55	52	55	57	59	60	63	60	57	57.2
Morrilton §§	Maximum	61	72	82	72	92	91	82	94	73	80	81	84	83	85	75	78	89	78	78	86	88	81	67	79	74	76	68	76	84	83	86	79.9
	Minimum	42	48	47	50	53	63	59	60	63	55	53	49	56	52	52	45	54	63	56	49	61	66	64	49	54	50	54	58	55	51	59	54.5
Mountain Home	Maximum	61	68	76	72	90	92	89	87	80	81	79	86	89	81	68	79	86	76	77	85	83	73	76	76	74	73	78	82	80	84	87	79.6
	Minimum	40	39	48	41	49	60	56	56	58	46	52	45	52	51	46	40	56	52	51	46	55	63	53	50	50	49	50	48	51	46	52	50.0
Mt. Ida	Maximum	69	74	86	77	89	89	85	85	74	78	81	82	84	82	76	74	86	81	79	83	88	78	68	79	75	78	70	71	81	84	84	79.7
	Minimum	41	38	42	46	50	65	62	54	61	50	48	45	50	52	45	43	51	61	53	43	60	64	53	44	52	46	54	50	51	48	49	50.7
Nashville	Maximum	77	77	84	80	87	85	84	82	75	78	81	81	82	82	79	80	84	82	79	81	85	78	69	79	76	75	68	66	82	81	82	79.4
	Minimum	50	54	48	56	55	62	56	60	62	56	57	61	62	64	60	..	..	..	..	..	..	..	..	..	53	56	59	60	59	58	59	57.6
Newport	Maximum	74	70	78	78	88	88	87	88	81	78	78	82	87	83	72	78	88	79	78	84	84	84	68	78	74	75	73	80	84	84	86	80.3
	Minimum	47	43	46	42	53	67	60	59	62	51	52	46	57	57	52	46	55	64	58	50	64	68	62	51	53	49	65	56	57	53	57	54.9
Oden •••	Maximum	67	72	86	78	88	88	84	81	76	80	81	82	83	80	75	78	83	78	77	83	85	74	67	78	72	78	72	71	80	81	82	78.7
	Minimum	53	51	47	49	57	67	62	58	60	50	50	49	55	58	51	45	53	60	54	48	62	65	52	48	54	49	53	57	55	53	52	54.1
Okay	Maximum	74	80	85	85	88	88	86	83	80	79	82	81	83	82	80	79	84	84	80	78	85	85	73	78	79	79	75	69	83	82	83	81.0
	Minimum	53	46	46	56	56	57	57	59	62	53	56	54	55	60	50	52	56	62	55	53	63	66	56	49	54	57	60	51	59	58	59	55.8
Ozark	Maximum	66	72	82	78	89	90	87	82	78	80	82	83	88	82	72	77	87	81	82	83	82	82	71	79	75	75	71	79	84	85	85	80.2
	Minimum	44	47	45	53	38	60	58	61	62	57	56	57	57	56	49	47	62	61	63	50	64	65	56	47	52	47	57	54	55	52	56	54.5
Paragould	Maximum	73	67	72	69	83	85	85	87	80	76	73	80	84	81	68	76	85	79	78	82	80	82	70	75	72	74	76	80	78	80	82	77.8
	Minimum	47	42	46	48	50	63	58	57	59	48	53	48	56	55	51	44	51	59	60	51	61	60	61	52	56	48	53	52	56	53	58	53.4
Pine Bluff	Maximum	79	72	78	72	88	87	84	86	76	77	79	80	84	81	73	70	87	82	80	83	86	81	69	77	76	75	72	70	80	79	82	78.9
	Minimum	50	45	51	51	58	65	63	63	64	56	54	51	61	62	54	52	58	65	61	54	66	67	56	51	55	58	60	61	63	68	61	58.2
Pocahontas	Maximum	74	68	73	71	85	88	87	88	84	79	78	81	86	83	68	78	84	82	79	84	80	82	75	78	72	75	78	81	80	81	83	79.5
	Minimum	44	39	41	39	49	63	55	56	59	51	53	43	51	53	48	42	52	58	57	48	57	61	60	47	54	45	50	49	55	53	55	51.2
Portland	Maximum	78	74	81	77	88	87	84	86	80	75	80	82	85	84	79	80	90	88	85	85	90	87	75	77	80	75	72	71	81	79	84	81.3
	Minimum	51	45	46	50	55	55	56	59	60	53	50	47	49	54	55	49	54	63	61	50	61	63	64	52	53	56	58	58	61	56	55	54.8
Prescott	Maximum	82	79	88	85	89	89	88	87	84	79	82	85	85	85	81	79	87	84	82	83	88	85	77	81	80	77	72	70	85	85	85	82.8
	Minimum	52	47	50	55	56	59	58	61	63	55	59	58	57	63	55	53	55	64	55	55	65	68	56	50	54	56	60	62	61	59	60	57.5
Rogers	Maximum	61	68	78	78	88	89	87	83	77	81	79	83	87	77	68	79	86	76	75	83	81	75	64	77	68	71	74	79	79	80	81	77.8
	Minimum	40	39	46	52	60	63	60	56	58	45	49	50	59	58	45	41	56	56	48	50	57	62	54	46	47	45	54	48	49	46	52	51.3
Russellville ‡‡	Maximum	80	73	85	84	91	92	90	87	82	80	80	85	86	85	74	78	88	86	77	86	91	90	87	80	76	76	75	77	84	82	86	83.0
	Minimum	45	39	45	51	53	62	56	59	64	51	54	49	59	57	50	46	56	67	65	68	..	..	58	54	54	49	54	55	55	53	66	55.0
St. Charles §§	Maximum	67	70	78	72	87	87	85	87	69	76	79	82	85	81	75	74	88	82	79	84	86	88	67	77	76	77	65	74	83	82	84	78.9
	Minimum	50	42	46	50	54	64	62	60	66	53	53	51	56	61	55	50	57	64	61	51	63	66	64	52	55	54	55	59	61	55	58	56.4
Searcy	Maximum	76	72	80	74	89	88	87	89	81	79	78	82	86	84	75	79	88	79	79	83	87	84	71	78	75	75	69	79	83	84	86	80.6
	Minimum	45	40	43	45	52	65	57	58	61	51	52	46	52	55	52	45	55	62	58	50	62	66	55	49	53	50	54	58	57	54	59	53.6
Stuttgart	Maximum	75	71	74	71	88	87	86	88	76	77	79	81	85	82	77	75	89	82	79	85	88	87	67	79	77	78	66	74	83	82	84	79.7
	Minimum	49	42	46	48	55	62	60	59	63	53	52	48	53	56	51	48	56	56	61	51	63	66	64	51	54	54	56	58	63	56	57	55.2
Stuttgart ‡‡§§	Maximum	66	68	77	71	86	85	84	81	67	76	78	81	84	82	75	74	88	82	77	83	88	86	86	78	75	75	64	74	82	81	83	78.6
	Minimum	50	42	45	48	52	60	60	59	65	53	51	49	54	58	52	46	55	57	62	49	63	66	65	52	55	54	55	59	61	55	58	55.2
Subiaco	Maximum	65	72	84	76	90	91	86	86	79	81	83	85	88	80	73	80	82	80	87	88	86	81	71	79	73	74	72	79	84	84	87	80.8
	Minimum	46	47	54	51	55	67	66	62	63	52	59	55	59	64	50	48	58	61	53	50	62	65	55	51	54	50	55	55	57	54	58	56.0
Texarkana	Maximum	76	76	87	82	89	88	85	82	78	78	84	85	85	85	80	81	86	86	81	83	87	78	68	81	80	73	71	65	84	83	83	81.0
	Minimum	52	49	50	60	60	62	60	65	64	58	56	59	60	62	52	58	60	64	55	55	63	65	58	50	56	57	62	61	61	59	60	58.5
Thornburg	Maximum	67	71	81	73	89	87	83	83	73	87	79	81	84	81	73	80	84	78	77	83	88	78	73	79	73	81	80	74	83	86	84	79.8
	Minimum	41	40	42	52	54	55	56	56	60	44	45	41	61	52	45	39	56	60	62	40	64	63	53	47	50	52	58	53	47	46	52	51.2
Turnpike	Maximum	70	65	76	68	78	84	79	79	71	75	74	76	81	72	67	71	78	72	71	76	76	73	67	70	65	67	69	76	74	75	76	73.3
	Minimum	40	40	53	43	58	54	60	62	53	51	53	52	58	57	43	51	57	54	46	55	59	60	47	47	49	46	44	51	51	55	60	51.9
Waldron	Maximum	73	72	83	..	89	..	91	84	78	80	82	84	86	82	74	80	87	..	83	85	86	84	72	80	78	75	..	76	82	81	83	81.1
	Minimum	45	42	44	..	54	..	60	58	62	47	51	50	55	65	47	46	55	..	52	46	61	64	55	44	54	47	..	55	55	51	52	52.5
Warren	Maximum	79	75	83	77	90	89	88	87	81	74	82	84	85	82	79	75	89	87	85	86	89	85	75	79	80	77	71	68	83	81	85	81.6
	Minimum	50	45	49	52	63	61	60	62	64	54	49	47	54	56	54	49	55	65	51	52	64	67	55	50	49	57	58	59	62	57	56	55.7
White Rock	Maximum	59	66	79	75	83	83	80	80	72	75	75	76	80	74	66	72	79	75	72	76	76	73	64	73	68	69	67	76	75	73	80	73.9
	Minimum	40	43	55	48	56	63	60	63	55	52	57	55	61	58	42	53	69	56	47	56	59	63	49	50	51	47	55	53	59	56	64	54.7
Wilson	Maximum	76	69	76	71	86	89	89	92	82	76	77	79	82	84	78	79	79	84	78	82	84	84	78	76	73	74	72	82	81	82	84	79.9
	Minimum	47	40	44	37	50	63	64	61	62	45	50	51	56	59	50	48	55	64	60	54	62	63	61	53	55	54	53	53	57	53	58	54.3
Wynne	Maximum	75	70	73	74	85	87	85	87	85	76	76	80	85	82	78	78	87	86	78	84	83	82	68	78	75	75	74	77	81	81	85	79.7
	Minimum	47	41	43	42	54	63	61	58	63	48	48	53	54	46	50	45	54	63	60	51	60	65	61	51	52	50	51	57	55	51	56	53.3

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, §§ Exp. Farm	Evap.	.221	.323	.417	.141	.252	.318	.272	.246	.260	.032	.208	.224	.238	.279	.242	.281	.106	.252	.199	.151	.227	.144	.088	....	.292	.230	.118	.191	050	.221	.249	6.688
	Mean tem.	62	62	67	66	72	74	72	74	65	66	68	68	70	72	66	66	69	71	69	67	74	70	67	64	66	66	63	64	71	70	68	68.0
	Wind move	64	79	70	35	43	63	38	33	35	39	25	20	32	34	51	57	26	65	63	56	41	29	32	60	49	43	27	34	20	30	22	1315
Irons Fork, §§ Exp. Forest	Evap.	.126	.199	.206	.225	.210	.277	.366	.191	.121	.083	.168	.104	.259	.216	.123	.176	.070	.158	.101	.151	.178	.156	.009	.022	.112	.190	.134	.047	063	.138	.175	4.754
	Mean tem.	54	60	62	64	70	76	72	68	66	60	63	64	66	64	56	58	66	61	60	62	70	64	60	58	60	57	58	60	62	62	62	63.0
	Wind move	49	54	14	18	54	55	35	11	6	5	3	6	7	9	4	10	4	17	24	2	8	5	11	3	7	11	4	3	1	6	1	447
Russellville, Ozark Nursery	Evap.	.468	.266	.174	.344	.228	.264	.278	.244	.168	.218	.250	.300	.258	.280	.306	.136	.208	.148	474	.210	.400	.368	.081	.023	.452	.210	.128	070	.222	.262	.186	7.624
	Mean tem.	62	56	65	68	72	77	73	73	73	66	67	67	72	71	62	62	72	76	71	77	....	....	72	67	65	62	64	66	70	68	76	69.0
	Wind move	39	83	25	42	32	32	22	13	33	10	28	18	26	47	79	16	18	28	108	15	16	19	30	49	53	23	13	12	19	24	15	987
Stuttgart, §§ Rice Exp. Farm	Evap.	.141	.252	.230	.343	.205	.283	.349	.136	.208	.016	.204	.223	.204	.283	.211	.250	.107	.234	.085	.180	.244	.186	.115	036	.206	.228	.188	.001	.071	.215	.196	5.830
	Mean tem.	58	55	61	69	69	72	72	70	66	64	64	65	69	70	64	60	72	70	70	66	76	76	76	65	65	64	60	66	72	68	70	66.9
	Wind move	136	145	102	50	69	112	50	46	33	39	29	36	13	73	45	135	32	68	157	18	33	43	41	54	84	74	23	4	16	17	13	1790

Daily Precipitation for May, 1940 Hydrologic Stations

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alicia [1]	White									.08					.69				.41	.03		.42	.72	.23	.09								2.
Antoine(near) [2]	Ouachita					.10			.15	.10							.50		.55	.10	.70				1.50		1.70	1.30					6.
Beaty Lake(near)	St. Francis	1.02								.50					.16				.17			.68	1.42	.57	.30	.04							4.
Beedeville [2]	White	.75								.09	.02					.13				1.03				.33	.38	.44							3.
Blue Mountain [2]	Arkansas									.50									*	.63				.40	.63	.27							2.4
Briggsville [1]	Arkansas								.01	.39					.10				.48				1.97	.48	.13	.08		.30					3.9
Cabot [2]	Arkansas	.36								.60									.60			.70		.70									2.9
Carlisle [2]	Arkansas	.55								T.	.50					.23			.02	.48			.15	1.23	.28	.13			.10				3.6
Carpenter Dam [1]	Ouachita									.50					.05		.13		.96				.36	1.00	.22	.05		.50					3.7
Centerville(near) [3]	Arkansas									2.00	.20							*	*	*	.45			.21		.96		1.08	.42				5.
Clarksville [1]	Arkansas									.12					.12				1.19		.18	.07	.79	.30	.17								2.9
Clay	White									.19									.45	.24			1.10	.40	.06	.08							2.5
Compton [1]	White														.30				.80				.70	.19	.09								2.0
Denmark [2]	White	1.02							.23							.42				.54		T.	.01	1.72	.34	.13							4.4
Dermott [2]	Mississippi	.87														.43		.03	.03	T.			.04	1.12	.32		.04			.16	.12		3.1
Eleven Point [2]	White	1.30														.32		.09		.11	.25			.59	.25								2.9
Enders(near) [2]	Arkansas									.11						1.00					.80	.03	.10	1.48	.43	.20							4.1
Evening Shade [2]	White	.64								.03	.02					.31			T.	.16		.05	.10	.09	.22	.09							1.7
Foreman [1]	Red																																
Forrest City [1]	St. Francis									.32					.38				.10			.20	.52	.66	.19				.05				2.4
Greenbrier [1]	Arkansas									.15					.04			1.08				.28	.76	.33	.20								2.8
Green Forest [2]	White																																
Greenwood [2]	Arkansas	.14								.65						.29	T.		1.01	.39				.14	.50	.17			.12				3.4
Hardy [1]	White														.28				.22		.01	.01	.08	.19									0.7
Harrisburg [2]	St. Francis	.92									.17					.11				1.05		.13		.67	.29	.07							3.4
Huntsville [2]	White	.53								T.						.15			.50	.58			.15	.14	.15								2.2
Jacksonville [2]	Arkansas	.43							.51	.13					.03				.64			.52	.21	.62	.25								3.3
LaCrosse [2]	White	.99													.37					.26	.76		1.45	.11	.19								4.1
Lake City [2]	St. Francis	.44							T.		T.					.28				.46		T.	T.	1.76	.26	.14							3.3
Marvell [2]	White	.55									.22					.19									.58	T.			.25				1.7
Mountain View [2]	White	1.25								.09						.43			T.	.85		.03	.39	.08	.24	.18							3.5
Newhope(near) [2]	Ouachita									1.09					.14		.29		3.89	.14					1.20	.69			.73	29			8.4
Nimrod [2]	Arkansas																																
Odell (near)	Arkansas														.11				.27	1.01	.40	.07	.09	.41	.21								2.5
Parthenon [2]	White		.80							T.							.20				.24	T.	T.		.56	.19	.18						2.1
Pottsville [3]	Arkansas																		2.00				.50		.40								2.9
Quitman [2]	Arkansas									.11						.18			.72			.30	.12	.48	.46								2.3
St. Paul [2]	White	.38								T.						.20			.08	.54		.33	.12	.07	.20	.16							2.0
Shirley [2]	White	.85								T.						.63			T	.95		.07	.50	.14	.35	.29		T.					3.7
Solgahachie [2]	Arkansas								.22					.18					.62		.58	.80	.02	.28									2.8
Sparkman [2]	Ouachita		.07								.20					.04		.43	.19	.06					1.26	.34			.02	.74	.20		3.5
Tichnor [2]	White	.32									.03					.32			.01	.08			T.		.13	.49	.08		.02	.48	.03		1.9
Vick [2]	Ouachita																T.							T	.02	T.		T	.50	T			0.5
Wheeling [1]	White														.25				.12			.13		.05									0.5
Winfrey [1]	Arkansas								.02	.05					.07			.28	.42		.78	.17	.12	.47	.07								2.4

Daily River Stages for May, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	13.4	12.2	10.8	9.8	8.8	8.2	7.7	7.2	6.6	6.2	6.2	6.2	6.0	6.2	6.3	6.3	6.4	6.2	6.6	6.4	6.6	8.8	8.7	8.2	9.6	9.5	8.8	8.3	7.7	7.2	6.8
Van Buren	do	22	13.2	13.0	10.6	9.4	8.2	7.4	6.8	6.3	5.6	5.2	5.2	5.1	4.9	5.0	5.3	5.0	5.3	5.1	5.5	5.3	5.5	7.8	7.9	7.4	8.7	8.9	8.0	7.4	6.8	6.2	5.8
Mulberry	Mulberry	..	5.2	4.2	3.6	3.1	2.8	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3
Danville	Petit Jean	20	19.3	16.5	11.7	8.4	6.6	5.9	5.2	4.7	4.4	4.2	4.4	3.8	3.7	3.5	3.4	3.2	3.2	3.2	3.2	3.1	3.1	4.0	3.7	3.3	3.2	3.2	3.2	4.4	3.9	3.7	3.5
Ozark	Arkansas	22	7.8	9.3	7.2	6.8	4.8	4.1	3.3	2.8	2.2	1.8	1.5	1.5	1.3	1.2	1.5	1.3	1.4	1.5	1.6	1.7	1.6	2.3	3.8	3.7	3.6	4.9	4.4	3.7	3.1	2.6	2.1
Dardenelle	do.	22	10.1	12.6	12.5	10 4	9.3	8.2	7.3	6.6	6.0	5.4	4.8	4.4	4.3	4.0	4.0	4.0	4.0	4.0	4.5	4.2	4.4	4.4	5.6	7.0	6.8	6.8	7.8	7.2	6.6	6.0	5.4
Morrilton	do.	20	6.0	8.6	9.9	8.5	6.8	5.7	4.5	3.4	2.6	1.9	1.2	0.6	0.2	0.2	-0.1	-0.3	1.0	-0.8	0.2	0.1	0.5	0.4	1.1	2.1	3.3	3.9	3.9	4.0	3.4	2.6	1.8
Little Rock	do.	23	6.1	7.8	9.7	9.9	8.2	7.0	6.0	5.0	4.4	3.4	3.1	2.6	2.2	1.9	1.8	1.5	1.4	1.6	1.4	1.7	2.0	2.0	2.1	2.7	3.9	4.1	3.9	4.5	4.6	4.0	3.5
Pine Bluff	do.	25	6.9	9.9	12.3	13.9	13.3	11.7	10.5	9.3	8.6	7.8	6.9	6.4	6.0	5.6	5.4	5.2	5.0	4.9	4.9	4.9	5.1	5.3	5.3	5.5	6.3	6.9	7.2	7.0	7.7	7.3	6.9
Gilbert	Buffalo	30	8.3	7.2	6.2	5.7	5.4	5.0	4.8	4.5	4.4	4.2	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.6	3.5	3.5	3.6	3.6	3.5	3.5	3.4	3.4	3.3
Doniphan, Mo.	Current	10	4.0	4.7	5.5	5.2	4.6	4.5	4.3	4.1	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.6	3.6	3.6	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5
Black Rock	Black	14	17.8	18.0	17.3	16.4	15.6	14.6	13.5	12.3	11.1	10.1	9.2	8.4	8.0	7.4	6.9	6.4	5.8	5.4	5.3	5.4	4.8	4.2	4.6	4.5	4.3	4.1	3.9	3.7	3.6	3.5	3.4
Heber Springs	Little Red	30	15.7	13.8	10.7	9.2	8.1	7.4	6.7	6.2	5.7	5.4	5.2	4.9	4.6	4.4	4.3	4.1	4.0	3.9	4.8	4.4	4.0	3.9	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.4
Ozark Beach Mo	White	30	6.8	8.0	8.2	6.8	5.3	5.0	4.6	4.4	2.2	4.5	2.2	1.0	0.9	0.6	0.4	-0.6	-0.6	-0.6	-0.6	0.6	-0.6	-0.6	0.0	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
Cotter	do	21	6.3	8.0	8.8	8.7	8.2	6.5	5.4	5.5	5.5	4.5	5.2	5.2	4.2	3.7	4.1	3.9	3.4	3.4	3.1	3.1	2.8	3.0	3.3	3.3	3.3	3.1	3.0	2.0	2.7	2.9	2.8
Calico Rock	do	18	6.7	8.2	8.5	8.2	7.2	6.2	5.2	4.6	4.1	3.9	3.5	3.7	3.3	2.4	2.1	1.9	2.0	1.8	1.6	1.6	1.6	1.8	1.6	1.6	1.5	1.5	1.3	1.0	0.7	1.1	1.1
Batesville	do	23	14.2	14.5	15.6	15.4	14.7	13.2	12.0	11.1	10.4	9.9	9.4	9.7	9.2	8.9	7.7	8.1	7.7	7.3	7.0	6.7	6.6	6.6	6.7	6.7	6.6	6.5	6.4	6.2	5.9	5.6	5.9
Newport	do	26	16.1	17.8	18.8	19.5	19.6	19.3	18.6	17.6	16.4	15.1	13.7	12.0	11.0	10.0	9.0	7.6	7.1	6.4	5.9	5.2	4.8	4.3	4.4	4.6	4.4	4.2	4.0	3.8	3.4	3.0	2.8
Georgetown	do	21	21.1	21.1	21.3	21.3	21.1	21.0	21.0	20.9	20.8	20.7	20.5	19.9	19.3	18.3	17.2	15.9	14.5	13.2	12.0	10.9	10.0	9.1	8.4	7.9	7.6	7.4	7.1	6.8	6.4	6.0	5.5
Des Arc	do	24	23.5	23.3	23.1	23.1	23.1	23.1	22.9	22.7	22.5	22.5	22.5	22.2	22.0	21.5	20.7	19.7	18.7	17.4	16.4	15.3	14.2	13.4	12.3	11.7	11.1	10.7	10.3	9.9	9.7	9.3	8.8
Clarendon	do	26	27.7	27.6	27.4	27.3	27.1	27.0	26.9	26.8	26.7	26.6	26.5	26.4	26.2	26.0	25.8	25.6	25.2	24.8	24.2	23.6	22.8	21.9	21.1	20.2	19.2	18.1	17.2	16.4	15.6	14.8	14.1
St. Charles	do	25	26.1	26.1	26.1	26.0	25.9	25.8	25.7	25.6	25.6	25.6	25.5	25.4	25.3	25.2	25.2	25.1	25.0	24.9	24.7	24.5	24.2	23.9	23.5	23.0	22.2	21.3	19.9	18.7	17.4	16.0	15.0
Glenwood	Caddo	..	6.5	6.2	6.0	5.8	5.7	5.6	5.6	5.5	5.6	5.6	5.6	5.5	5.4	5.4	5.4	5.4	5.4	5.4	7.3	6.4	6.0	5.9	5.9	6.6	7.3	6.5	6.2	6.5	6.3	6.1	5.9
Arkadelphia	Ouachita	17	17.2	14.8	10.3	8.5	8.1	7.6	7.9	7.8	7.7	7.8	6.2	5.2	4.7	5.1	5.6	5.7	5.9	6.4	9.9	7.6	7.1	7.2	8.9	11.1	9.7	10.0	8.0	11.3	9.4	8.7	8.4
Boughton	Little Mo.	20	15.4	17.1	15.1	11.0	8.4	7.4	6.8	6.2	5.9	6.0	7.0	7.0	6.1	5.6	5.3	5.1	5.0	5.0	9.1	13.5	15.9	15.2	11.4	10.0	13.6	15.6	15.4	15.4	15.7	16.0	15.3
Camden	Ouachita	26	17.8	21.3	24.0	24.4	22.5	20.2	19.0	14.6	12.3	10.8	9.8	8.5	8.5	7.9	6.8	6.4	6.5	6.3	6.4	8.5	12.0	11.4	11.9	13.0	15.4	17.0	17.0	16.7	17.8	18.6	18.8
Benton	Saline	20	10.1	9.3	7.9	7.2	6.6	6.4	6.1	5.9	5.6	5.7	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.7	5.1	5.0	5.0	4.9	8.1	8.3	7.9	7.2	6.6	6.4	6.4	6.2	5.8
Whitecliffs	Little River	25	21.0	23.6	23.7	21.9	18.0	14.9	11.4	9.0	5.9	6.5	12.8	15.5	14.8	12.9	10.1	7.0	6.4	5.0	11.5	19.9	24.0	25.0	24.7	24.1	24.3	24.8	25.0	25.2	25.5	25.7	25.7
Index	Red	25	11.3	14.1	13.9	12.9	12.3	11.3	10.4	9.2	8.8	8.8	14.0	14.0	13.9	12.2	11.0	9.9	9.4	8.6	8.9	9.8	9.4	12.3	14.6	15.7	18.4	19.6	19.1	18.0	18.9	19.8	19.6
Fulton	do	25	11.7	15.0	16.1	15.8	15.3	14.4	12.8	10.6	8.8	8.3	11.2	14.4	14.5	13.4	11.7	10.1	9.0	8.3	8.1	10.5	12.0	13.9	16.3	18.3	21.0	22.9	23.0	22.2	23.0	24.3	24.6
Big Lake Outlet	St. Francis	10	12.4	12.2	12.2	12.1	12.0	11.9	11.7	11.5	11.3	11.1	10.8	10.5	10.2	9.8	9.5	9.1	8.7	8.2	8.1	7.8	7.4	7.2	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.5
S. Francis	do	18	18.9	18.4	18.2	18.1	18.0	18.1	18.2	18.2	17.7	16.8	15.2	13.0	11.6	10.3	9.3	8.9	8.2	7.8	7.4	6.9	6.7	6.5	7.5	7.2	6.6	6.4	6.2	6.0	5.7	5.5	5.4
St. Francis L.L.	do	..	25.0	25.1	25.0	25.0	25.0	24.9	24.8	24.7	24.6	24.5	24.4	24.2	24.0	23.8	23.6	23.6	23.5	23.3	23.2	22.9	22.6	22.2	22.1	21.8	21.6	21.4	21.2	21.0	20.9	20.7	20.5
Marked Tree	do	17	6.5	6.5	7.9	8.0	8.0	8.0	7.2	6.4	6.0	6.2	6.1	6.0	7.3	7.7	7.7	6.3	6.0	5.8	5.7	7.1	7.2	7.3	7.4	7.4	7.5	7.4	7.4	7.3	7.1	7.0	7.0
Parkin	do.	28	14.3	14.9	15.4	16.1	16.4	16.6	16.9	16.9	16.8	16.7	16.6	16.4	16.0	15.5	15.0	14.3	13.1	12.0	11.2	10.7	10.6	10.6	10.8	10.8	10.5	10.0	9.5	8.9	8.5	8.1	7.8
Madison	do	32	19.7	20.2	20.7	21.2	21.6	22.0	22.2	22.4	22.5	22.5	22.3	21.8	21.1	19.9	18.5	17.0	15.5	14.2	13.1	12.4	12.0	11.8	11.9	11.9	11.6	11.1	10.4	9.8	9.1	8.6	8.1
Helena	Mississippi	42	37.9	38.4	38.8	39.2	39.6	39.9	40.2	40.4	40.5	40.4	39.9	38.7	36.5	33.3	29.6	25.9	22.8	20.2	17.9	15.9	14.5	13.6	12.9	12.6	12.4	12.3	12.3	12.7	13.3	13.7	14.0
Arkansas City	do	42	28.1	28.3	28.8	29.3	29.9	30.3	30.5	30.7	30.8	30.8	30.8	30.5	30.0	29.0	27.4	25.4	23.2	21.0	19.0	17.1	15.4	13.9	13.0	12.3	11.7	11.3	11.0	11.0	11.1	11.3	11.5

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a,b,c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:--Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Mulberry, R 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station

Weather Bureau Office, Little Rock, Ark. 6-18-40-1150

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLV Little Rock, Ark., June, 1940 No. 6

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

The mean temperature for the month of June, based on the ecords of 72 stations, was 75.2°, which is 1.9° below the 50-ear average. This was the coldest June, for the State as a vhole, since 1935. At most southern stations it was the coldest June since 1928 and at Pine Bluff and Portland the coldest ince 1912. Monthly means ranged from 78.0° at El Dorado o 70.4° at Irons Fork, a difference of 7.6° between the Ouachita Mountain area and extreme southern sections of the State. Prescott's monthly mean was 77.7°; Magnolia's 77.6° nd Devils Knob's 70.9°. The highest temperature for the nonth was 98° at Harrison on the 27th. Blytheville, Dumas, England and Lead Hill reported 97° on either the 5th or the 7th. The lowest temperature recorded was 45° at Gilbert and ead Hill on the 1st. Irons Fork recorded 46° on the 25th. The greatest daily range was 42° at Gilbert on the 4th and at ead Hill on the 1st, Gilbert's range being from 50° to 92° nd Lead Hill's from 45° to 87°.

The average precipitation for 104 stations was 4.35 inches, vhich is 0.28 inch above the 50-year average. Monthly totals anged from 9.66 inches at Grannis in Polk County to 1.12 nches at Wilson in Mississippi County. De Queen's total, .55 inches, closely approximates that at Grannis. These stations are not more than 15 miles apart. Waldron, Scott Co., pproximately 50 miles north of Grannis had only 1.28 inches. This is another instance where Grannis, located on the windward side of the mountains, received copious rains while Waldron, on the leeward side, received a relatively light amount. The departure at Grannis was +4.64, at Waldron −3.34 inches. Rain was reported nearly every day during the period from the 5th to the 21st. Heavy amounts were reported in west-central portions on the 11th and in extreme southwestern portions on the 16th and 18th, slightly more than six inches being measured at De Queen and Grannis during the two days. Two or three inches fell at a number of southern stations on the 28th and 29th. The greatest amount for any 24-hour period was 4.16 inches at Russellville on the 11th. El Dorado reported 3.98 inches on the 29th.

The continued cool weather retarded advancement of most crops one to three weeks. Warm weather the first week of the month was very beneficial for cotton, while the cloudy, showery weather and cool nights the second and third weeks retarded growth and delayed cultivation. The heavy rains that occurred in a number of southern counties seriously damaged cotton and other crops. Corn made satisfactory growth during the month. Rains the latter part of the month interferred with the harvesting of wheat, oats, tomatoes and potatoes, but were beneficial for pastures, meadows, rice, truck and garden crops, except those areas where excessively heavy amounts occurred. The first shipment of early peaches was made about the middle of the month.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmostpheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville..	29.94	30.17	29	29.66	26	5.5	24	w.	8	..	..	..	72
Fort Smith..	29.95	30.17	29	29.73	23	7.4	26	nw.	8	32	54	55	70
Little Rock..	29.96	30.20	30	29.75	23	7.1	24	n.	28	91	61	67	64
Memphis	29.96	30.17	30	29.76	23	7.2	30	sw.	7	84	57	63	60

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog.	..	..	..	..	..	..	5	..	.	1	3	4	2	3	2	1	2	1	2	1	..	..	..	.	..	..	..	3	..	..
Light hail	..	..	.	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Moderate hail .	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm .	..	..	..	1	1	20	7	19	23	19	9	2	..	1	5	8	10	13	15	22	..	3	3	3	..	..	.	23	..	..

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891............	77.9	103	56	3.71	0	17	11	11	8
1892............	76.9	103	40	3.87	0	8	16	10	4
1893............	76.3	99	49	5.20	0	9	12	12	6
1894............	76.6	106	42	1.39	0	4	17	10	3
1895............	76.9	100	47	5.94	0	10	12	10	8
1896............	77.7	103	48	1.91	0	5	14	10	6
1897............	78.0	106	41	3.46	0	6	12	13	5
1898............	78.7	100	60	4.86	0	11	8	14	8
1899............	77.3	102	50	2.74	0	6	13	12	5
1900............	76.6	100	43	7.10	0	13	7	14	9
1901............	79.4	110	41	1.44	0	4	16	12	2
1902............	77.5	105	42	5.27	0	6	16	9	5
1903............	70.5	99	37	2.53	0	7	13	10	7
1904............	75.3	99	50	7.14	0	10	11	13	6
1905............	77.9	104	44	5.90	0	10	12	10	8
1906............	76.2	101	44	4.60	0	8	14	11	5
1907............	75.2	103	39	4.48	0	8	14	11	5
1908............	76.0	98	46	3.85	0	8	13	11	6
1909............	76.9	104	49	4.08	0	10	12	12	6
1910............	74.1	99	44	4.85	0	10	12	13	5
1911............	80.9	106	47	2.53	0	6	16	11	3
1912............	73.1	97	42	5.83	0	9	11	12	7
1913............	77.0	103	39	1.68	0	4	16	11	3
1914............	82.3	109	52	1.00	0	2	19	10	1
1915............	76.0	106	45	4.92	0	9	12	9	9
1916............	75.4	99	43	5.15	0	8	12	10	8
1917............	75.2	105	37	4.87	0	6	18	7	5
1918............	80.5	110	49	3.55	0	7	15	9	6
1919............	76.9	101	45	5.11	0	10	11	10	9
1920............	74.7	101	42	3.41	0	6	19	6	5
1921............	78.5	103	46	4.84	0	11	12	10	8
1922............	78.6	104	44	2.64	0	7	16	8	6
1923............	76.7	99	46	5.20	0	9	13	11	6
1924............	78.5	105	42	3.64	0	8	15	6	9
1925............	82.3	108	46	2.08	0	4	17	9	4
1926............	76.6	104	42	2.60	0	6	17	8	5
1927............	76.3	104	43	6.50	0	9	18	8	9
1928............	73.5	100	40	9.44	0	13	8	9	13
1929............	76.2	102	41	3.68	0	7	17	8	5
1930............	76.4	107	39	0.87	0	2	22	6	2
1931............	78.3	107	35	2.60	0	6	19	8	3
1932............	78.9	103	50	4.86	0	10	12	11	7
1933............	78.4	107	40	1.30	0	3	22	6	2
1934............	81.1	108	49	2.88	0	5	19	8	3
1935............	74.3	98	36	8.38	0	13	10	10	10
1936............	80.0	113	44	1.26	0	3	23	5	2
1937............	78.8	106	45	4.95	0	9	14	10	6
1938............	75.8	101	48	4.34	0	9	13	9	8
1939............	77.9	100	49	4.50	0	11	9	13	8
1940............	75.2	98	45	4.35	0	10	12	9	9
Period.......	77.1	113	35	4.07	0	8	14	10	6

Corrections

Corrections for March: Fort Smith, maximum temperature on the 7th, 56°. Mean maximum 63.6°, monthly mean 52.3°, departure from normal temperature −0.3°. Relative humidity, 12 noon, 49.

Correction for April: Fort Smith, maximum temperature on 22d, 64°.

Corrections for May: Arkadelphia, prevailing wind direction, NW. Devils Knob, prevailing wind direction, NE. Fort Smith, precipitation on 8th, 0.08, on 9th, 0.08 inch, greatest 24-hour 1.48 inches. Portland, greatest 24-hour precipitation 2.08 inches.

Climatological Data for June, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	74.6	......	91	5§	51	30	37	5.26	......	1.81	0.0	10	6	13	11	e.	L. R. Water Works
Amity	Clark	500	45	......	......	......	......	......	......	......	....	......	....	....	......	......	......	......	......	J. W. Campbell
Arkadelphia	Clark	200	45	75.9	......	94	5§	55	25§	36	3.02	−1.59	1.39	0.0	10	10	14	6	se.	Mrs. Ted R. Carpente
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	3.21	−0.41	1.09	0.0	10	15	1	14	......	Herbert Neff
Batesville Airway	Independence	363	4	76.1	+ 0.7	96	26	54	1	39	1.92	......	0.93	0.0	7	3	8	19	se.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	2.58	−1.34	0.88	0.0	10	18	6	6	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	75.8	− 1.1	93	8	50	2	37	2.65	−1.84	1.25	0.0	8	13	10	7	w.	J. E. Scanlan
Benton	Saline	285	5	73.3	......	92	4§	53	1§	36	4.69	......	1.33	0.0	14	16	7	7	se.	S. A. Burks
Bentonville	Benton	1295	35	73.0	− 0.4	92	27	53	1	31	5.86	+1.64	2.19	0.0	11	9	13	8	s.	U. S. Weather Burea
Bethesda	Independence	....	1	......	......	......	......	......	......	......	3.67	......	1.78	0.0	7	......	......	......	......	Soil Conservation Se
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	3.08	......	0.97	0.0	10	18	2	10	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	3.86	+0.11	1.56	0.0	8	22	0	8	......	Vernon C. Howe
Blytheville	Mississippi	252	15	77.2	− 0.6	97	5§	55	1	35	4.36	+0.30	1.80	0.0	10	16	9	5	s.	Samuel Norris
Booneville	Logan	465	26	75.4	− 0.8	93	8§	53	1	36	3.92	−0.28	1.53	0.0	7	6	20	4	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	2.74	......	0.77	0.0	9	13	2	14	......	Harry J. Buie
Brinkley	Monroe	205	49	74.0	− 3.8	90	5§	52	30	31	3.30	−0.43	1.16	0.0	11	10	8	12	se.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	4.73	+1.15	1.30	0.0	10	10	7	13	......	William Jones
Camden	Ouachita	116	55	73.7	− 4.7	90	6§	55	1§	32	5.00	+0.79	2.30	0.0	10	9	3	18	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	4.21	+0.62	0.79	0.0	13	10	10	10	s.	R. M. Wheatley
Conway	Faulkner	309	57	75.8	− 2.5	94	8§	57	25§	34	4.45	+0.57	1.42	0.0	8	14	9	7	s.	E. E. Cordrey
Corning	Clay	293	47	76.8	+ 0.8	96	5§	52	21	37	3.24	−0.83	1.63	0.0	6	16	5	9	s.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	3.88	−1.07	1.53	0.0	7	18	7	5	......	O. B. McSpadden
Crossett	Ashley	175	28	75.4	− 4.0	95	22	53	30	36	5.70	+1.78	1.27	0.0	13	12	5	13	s.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	5.52	+1.23	2.03	0.0	10	6	18	6	......	J. M. Patterson
Dardanelle	Yell	330	54	76.9	− 1.3	94	5§	57	25	33	7.99	+4.31	3.74	0.0	10	3	18	9	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	76.3	......	93	5§	56	25	30	9.55	......	3.88	0.0	7	15	4	11	s.	E. B. Smith
Des Arc	Prairie	204	2	......	......	......	......	......	......	......	3.85	......	1.32	0.0	10	13	3	14	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	70.9	......	86	19	53	24	25	5.00	......	1.13	0.0	11	14	4	12	se.	U. S. Forest Service
Dumas	Desha	162	35	77.1	− 2.3	97	27	57	2§	33	4.61	+0.80	1.45	0.0	13	6	14	10	s.	Ben Johnson
El Dorado	Union	270	40	78.0	− 1.6	96	22	60	12	27	7.53	+3.84	3.98	0.0	12	13	6	11	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	76.6	− 1.4	97	5	53	30	40	3.31	−0.52	0.85	0.0	10	11	12	7	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	74.4	0.0	94	19	53	1	32	3.99	−1.39	2.20	0.0	9	17	8	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	3	73.6	......	93	27	51	1	35	6.99	......	3.05	0.0	11	2	20	8	se.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	73.1	− 1.3	91	27	50	1	36	6.01	+1.27	1.76	0.0	12	10	15	5	s.	University of Arkans
Fordyce	Dallas	275	12	......	......	......	......	......	......	......	....	......	....	...	......	......	......	......	......	......
Fort Smith	Sebastian	448	59	76.8	− 0.7	95	27	59	12	30	4.01	+0.29	1.29	0.0	10	6	16	8	e.	U. S. Weather Burea
Fort Smith Wtr.P. †	Crawford	....	3	......	......	......	......	......	......	......	3.00	......	0.75	0.0	9	15	5	10	......	Ft. Smith Water Pla
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	4.23	+0.07	1.18	0.0	9	12	11	7	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	3.05	−1.44	0.95	0.0	9	20	0	10	......	C. G. Long
Gilbert	Searcy	600	15	72.0	......	94	27	45	1	42	4.37	+0.54	1.16	0.0	8	25	0	5	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	6.50	......	1.11	0.0	10	17	9	4	......	C. A. Price
Grannis	Polk	950	21	73.6	− 1.8	90	5§	54	25	36	9.66	+4.64	3.76	0.0	8	10	14	6	s.	W. E. McVay
Gravette	Benton	1250	43	73.7	0.0	96	8	50	25	38	4.10	−1.45	1.33	0.0	7	16	13	1	sw.	Max W. Schmidt
Green Mountain	Stone	1100	3	74.5	......	91	5§	52	1§	33	4.58	......	2.11	0.0	8	15	8	7	s.	U. S. Forest Service
Harrison	Boone	1052	40	74.3	+ 0.9	98	27	50	1	37	4.17	−0.23	1.50	0.0	10	16	10	4	s.	Louis R. Keck
Heber Spgs. (near)	Cleburne	....	11	......	......	......	......	......	......	......	2.57	......	0.97	0.0	10	12	11	7	......	Lester B. Logan
Helena	Phillips	300	68	75.0	− 3.4	91	5	54	30	28	4.46	+1.10	2.83	0.0	10	8	8	14	s.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	3.09	−0.88	1.22	0.0	6	15	11	4	s.	Austin E. Cartwright
Highland	Pike	491	21	75.0	......	91	5§	56	30	31	5.99	+1.89	2.10	0.0	8	15	11	4	s.	J. O. Cooley
Hope ‡‡	Hempstead	375	70	75.8	− 3.2	92	4§	57	25§	32	4.88	+1.36	1.45	0.0	9	8	19	3	sw.	Experiment Farm
Hot Springs	Garland	600	49	74.2	− 4.0	91	26§	55	1§	30	5.94	+1.29	1.55	0.0	13	10	15	5	s.	National Park Servic
Index †	Little River	275	23	......	......	......	......	......	......	......	5.05	+2.17	2.20	0.0	7	21	2	7	......	W. E. McDowell
Irons Fork †‡‡	Polk	....	2	70.4	......	90	8	46	25	40	2.97	......	1.19	0.0	7	15	12	3	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	6.95	+2.81	2.05	0.0	9	8	18	4	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	74.5	− 3.2	95	5	55	1	35	1.97	−1.97	0.79	0.0	12	8	11	11	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	73.5	− 1.9	97	27	45	1	42	4.68	−0.57	3.27	0.0	7	15	11	4	sw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	76.0	− 1.4	91	5	60	12	27	2.26	−1.50	0.93	0.0	12	4	11	15	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	75.6	......	93	5	56	30	32	2.33	......	0.89	0.0	13	4	11	15	se.	W. B. Airport Station
Lutherville †	Johnson	775	42	74.6	− 1.5	92	19§	56	30	30	6.79	+2.29	3.14	0.0	9	8	16	6	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	2.24	......	0.60	0.0	8	2	8	20	......	J. W. Eppes
Magnolia	Columbia	315	24	77.6	− 1.8	95	4	57	25	30	4.61	+0.79	1.11	0.0	11	3	16	11	sw.	State Agri. School
Mammoth Spring	Fulton	600	36	75.7	+ 1.3	95	5§	50	1	37	3.50	−0.82	1.46	0.0	9	14	9	7	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	76.4	− 2.2	92	5§	56	30	30	2.00	−1.47	0.38	0.0	12	14	6	10	s.	C. N. Houck
Marked Tree	Poinsett	229	36	76.4	− 1.6	94	5	55	1§	35	3.60	+0.38	1.48	0.0	9	13	10	7	s.	Charles Walton
Mena	Polk	1207	52	74.6	− 2.0	92	5§	54	25	36	7.78	+2.78	2.68	0.0	13	16	5	9	sw.	E. W. St. John
Monticello, Airway	Drew	273	4	76.6	......	94	27	58	30	28	4.57	......	2.04	0.0	12	5	10	15	sw.	Airway Observer
Morrilton	Conway	315	21	76.1	− 2.5	95	26	55	1§	37	3.79	−0.01	0.98	0.0	9	6	18	6	sw.	Mrs. Nova Berry
Mountainburg	Crawford	2010	3	......	......	......	......	......	......	......	4.49	......	1.13	0.0	10	14	9	7	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	73.9	− 1.1	96	27	50	1§	40	2.50	−1.94	0.95	0.0	7	11	14	5	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	6.43	......	2.61	0.0	11	13	7	10	s.	J. G. Scott
Mount Ida	Montgomery	702	41	73.4	− 2.6	93	20§	49	1§	40	3.05	−1.24	0.89	0.0	10	6	18	6	sw-	G. A. Whittington
Mt. Ida CCC	Montgomery	....	1	......	......	......	......	......	......	......	2.74	......	0.89	0.0	14	18	6	6	s.	U. S. Forest Service
Mulberry †	Franklin	....	2	......	......	......	......	......	......	......	4.52	......	1.88	0.0	9	9	14	7	......	Clifton Ward
Nashville	Howard	350	2	75.8	......	91	5	53	3	35	7.54	......	3.02	0.0	11	14	6	10	e.	H. B. Carruth
Newport	Jackson	231	57	76.5	− 1.4	94	4§	54	25§	36	2.09	−1.83	1.40	0.0	8	13	12	5	n.	J. D. Henderson
Oden	Montgomery	800	13	73.9	......	90	8§	53	30	35	3.35	......	1.08	0.0	8	2	20	8	se.	U. S. Forest Service
Okay	Howard	288	12	76.3	......	92	20§	50	25	39	5.93	......	1.30	0.0	10	13	9	8	se.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	1.81	......	0.72	0.0	9	17	6	7	......	G. H. Banks
Ozark	Franklin	396	45	75.8	− 2.1	95	27	56	1§	34	4.09	......	1.30	0.0	11	16	8	6	se.	Orkney O. Milton
Paragould	Greene	275	17	76.0	......	94	5	54	1	35	2.31	−1.75	1.30	0.0	5	17	12	1	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	1.75	......	0.35	0.0	8	16	4	10	......	Carroll King
Pine Bluff	Jefferson	215	53	76.5	− 2.7	92	27	59	25	26	3.57	−0.35	0.70	0.0	11	9	8	13	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	5.83	+1.34	2.85	0.0	6	3	17	10	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	75.5	− 1.1	95	5§	52	1	39	3.88	−0.48	1.95	0.0	11	16	5	9	sw.	Benedictine Sisters
Portland	Ashley	122	34	75.6	− 3.8	93	27	55	30	31	4.59	+1.12	1.75	0.0	12	8	5	17	sw.	W. E. Edmiston
Prescott	Nevada	318	52	77.7	− 1.1	95	28	59	1§	30	3.51	−0.74	1.35	0.0	8	14	4	12	s.	Craig Williams
Rogers (near) †	Benton	1300	50	73.0	− 0.6	92	27	50	1	35	5.04	−0.08	2.12	0.0	9	12	12	6	sw.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6	......	......	......	......	......	......	......	2.74	......	1.06	0.0	8	10	16	4	e.	G. A. Maddox
Russellville	Pope	526	28	77.7^{d}	+ 0.1	94	5§	58^{h}	1	28^{h}	7.51	+3.43	4.16	0.0	11	21	0	9	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	76.2^{b}	......	93^{b}	4§	57^{b}	30	32^{c}	5.07	......	2.28	0.0	11	10^{b}	9^{b}	9^{b}	s.	U. S. Biological Surve
St. Francis	Clay	290	13	......	......	......	......	......	......	...	5.17	+1.19	1.49	0.0	12	19	3	8	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	76.8	− 0.5	94	4§	55	25§	35	3.49	−0.51	2.00	0.0	12	15	4	11	sw.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	8.08	+4.42	3.30	0.0	11	12	0	18	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	2.24	−1.39	0.95	0.0	4	17	7	6	s.	S. C. Story
Stuttgart	Arkansas	214	53	76.7	− 1.3	94	27	57	25§	32	3.55	−0.20	1.03	0.0	11	16	10	4	s.	Mrs. B. E. Swim
Stuttgart ‡‡	Arkansas	210	5	76.2^{a}	......	94^{a}	27	57^{a}	25§	29^{a}	3.07	......	1.34	0.0	12	......	......	......	......	Rice Experiment Sta.

Climatological Data for June, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	76.6	−1.2	95	5§	57	1	32	5.63	+1.60	1.63	0.0	12	16	8	6	se.	New Subiaco Abbey
Texarkana	Miller	332	56	77.2	−1.9	93	4§	58	25	29	6.17	+2.31	2.45	0.0	8	14	7	9	s.	H. S. Brashear
Thornburg	Perry	650	20	73.3[a]	+2.9	92[a]	6§	47[b]	1	38[b]	5.88	+0.98	1.58	0.0	11	9	15	6	s.	Edward E. Holmes
Turnpike†	Pope	2240	16	71.2	......	86	27	55	12	24	5.51	+0.61	2.55	0.0	9	6	13	11	sw.	U. S. Forest Service
Waldron	Scott	675	21	75.1[b]	......	95[b]	23	52[e]	25	38[e]	1.28	−3.34	0.59	0.0	5	7[b]	19[b]	2[b]	sw.	Wilson Ferguson
Warren	Bradley	206	46	76.0	−3.3	93	22§	57	1	31	6.23	+2.51	1.15	0.0	15	3	4	23	sw.	C. N. Turner
Whitecliffs	Little River	290	34	....	......	......	......	......	....	......	4.82	+1.26	1.55	0.0	5	18	4	8	......	L. M. Snead
White Rock†	Franklin	2285	4	74.4	......	86	19	54	12	24	4.01	......	0.97	0.0	12	8	17	5	se.	U. S. Forest Service
Wilson	Mississippi	237	15	76.7	−0.2	94	5§	54	1§	34	1.12	−2.19	0.25	0.0	5	15	5	10	s.	D. O. Anderson
Wynne	Cross	167	32	75.9	−1.9	92	4§	51	30	35	2.73	−1.17	1.40	0.0	6	10	9	11	s.	B. M. Eddins
State Means		....	....	75.2	−1.9	98	27	45	1	42	4.35	+0.28	4.16	0.0	10	12	9	9	s.	

Daily Precipitation for June, 1940

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.†	Ouachita						.85			.12	.27	.40					.04	.25	1.38		1.81								.11		.03		5.26
Amity	Ouachita																																....
Arkadelphia [2]	Ouachita							.50			.19	.16				.08	.02	1.39	.16	T.	T.	07		14						.31			3.02
Arkansas City [2]	Mississippi								.46		.10	T	.06		.25	.18	T.	.25	.31		T.	.30				.21				1.09			3.21
Batesville Airway†	White							T.	T.	T.	.27	.93			.18		.04	.10	.24										.16				1.92
Batesville River [2]	White									T	.01	.88	.44		.25	.09	.06	.14	.28	.25										.18			2.58
Bee Branch	Arkansas							.10	.35		.30	.25				T.		.15	1.25		T.	.10							.15				2.65
Benton [2]	Saline							.39	.03	.74	.25	.21	.06				.04	.10	.69		.45	1.33		.09		.08				.23			4.69
Bentonville [1]‡	Arkansas						.03		.52	.31	1.96	.30	T.		.21		T.	T.	.74		.10			.25	.01				1.43				5.86
Bethesda	White							.30	.08		.20	1.78				T.	T.	.24	.71										.36				3.67
Big Lake Outlet †[2]	St. Francis								.17	.53	.26		.15		.10	.06		T.	.38	.07						.39				97			3.08
Black Rock [2]	White									.44		.76	.04		.03	.11				.78		.14								1.56			3.86
Blytheville [2]	St Francis								.48	.80	.02	.17			.13			.02	.32	.09					T.	.53				1.80			4.36
Booneville	Arkansas						.06			1.13	.12							T.	.25		1.53				.22				.61				3.92
Boughton †[2]	Ouachita							.14			.03	.19				.70	.50	.15	.06			.20								.77			2.74
Brinkley	White							.39		.59		.08			.02		.01	.17	.58	1.16	.09				07				.14				3.30
Calico Rock [2]	White							.08		.60	.54	1.30	.10		T.			.81	.05	.47		.01								.77			4.73
Camden [2]	Ouachita										.20	.03	.01			.02	.24	.93	.81	.08		.38								2.30			5.00
Clarendon [2]	White								.79		62	.06	.07		.03	.05		.18	.48	.03	.62	.03			T.	.47				.78			4.21
Clinton	White																																....
Conway	Arkansas						.19				.96	.41				.11		.71	1.42		.36								.29				4.45
Corning [2]	White											.17			.05			.01		1.63		.28								1.10			3.24
Cotter [2]	White									.40	.46	1.53	.12			.32			T.	.40										.65			3.88
Crossett [near]	Ouachita									.07	.48	.90			.06	.17	.27	.72	.06	1.27		1.14			.11	.11			.34				5.70
Danville [2]	Arkansas							2.03			.21	1.30	.11				.02	22	.28	.08		.58			T					.69			5.52
Dardanelle [2]	Arkansas							.17		.12	.84	3.74	.63				.05		.92	.05		.96								.51			7.99
De Queen	Red						.04			.40	1.00						3.88	T.	2.84										1.33	.06			9.55
Des Arc [2]	White								.32	1.32	.68	.42	T.		.06			.15	.24	T.	.09					.25				.82			3.85
Devils Knob †	Arkansas						.22		.16	.16	.04	1.04				.10	.08	.12	1.13		.85								1.10				5.00
Dumas	Mississippi						T.			T.	.97	.80		.03	.02	.03	.09	.12	.21	.22	.30	.10			.27				1.45				4.61
El Dorado [2]	Ouachita							.14			.50	.03				.25	.79	.04	1.15	.15	.05	.17				.28				3.98			7.53
England	Arkansas						T.	.85		.45	.15	.44				T	.05	.35	.50	.12	.18								.22				3.31
Eureka Springs	White						.11		.12		.38	.20						.26	.03		.40				.30				2.20				3.99
Fayetteville	White							T.	1.43	.15	.15	.27	.01	T.		T.	.27	.73	.01		.34				.58				3.05				6.99
Fayetteville Exp. S	White						T.		1.68	06	.21	.22	.01			.08	.27	.23	.22	T.	.89	T.			.38				1.76				6.01
Fordyce	Ouachita																																....
Fort Smith [1]‡	Arkansas						T.		.51	1.29	.69	T.				T	.42	.14	.42		.03			.31	.05				.15				4.01
Fort Smith W. †[2]	Arkansas									.75	.01	.29				.28		.06	.02		.42			.44						.73			3.00
Fulton [2]	Red							.21			.46	1.18					.04	.35	.95	.28	T.	.02								.74			4.23
Georgetown	White								.35	.52	.95	.05			.15	.20		.20	.60			.03											3.05
Gilbert [2]	White							.28		.94	T.	1.08	.35					.05	.22			.29								1.16			4.37
Glenwood [2]	Ouachita								1.11		.33	2.50	.54				.13		.14	.87		.29	.07							.52			6.50
Grannis	Red						T.			1.03	.77	T		T.			2.75	.05	3.76	.88	.02								.40		T.		9.66
Gravette [2]	Arkansas									.50		1.33	.10							.18		.06			.75					1.18			4.10
Green Mountain †	White							06	.33		2.11	.93	.02					.16	.21		T.								.76				4.58
Harrison	White						T.		.87	.17	.28	1.50	T.				.06	.03	.10		.31				.21				.64				4.17
Heber Springs [2]	White								.04	.21	.18	.97	.19				.01	.33	.25	.21										.18			2.57
Helena [2]	Mississippi								.08		01		.10		.50	.11		.09	.21	.18						.35				2.83			4.46
Higden	White						T.		T.	.21	.77	.48					T.	.07	1.22	T.	T.								.34				3.09
Highland	Ouachita						.28			2.10	.74						.58	.07	.77	.69									.76				5.99
Hope ‡‡[2]	Red							.21			.30	.60			T	T	.35	.71	.31	.03	T.	.92				T.				1.45			4.88
Hot Springs	Ouachita						1.19			1.55	.27	.16	T.		T.	.20	.14	.03	.23	.61	.27				.05				1.22	.02			5.94
Index †[2]	Red							.25			.25	1.10	T.				.45	.20	2.20											.60			5.05
Irons Fork †‡‡[2]	Ouachita										.23	.35				.19	T.	T.	.52	.08		.41								1.19			2.97
Jessieville	Ouachita						1.34		.42	1.80	.45					T	.13	.02	.42		2.05				T.				.32				6.95
Jonesboro [2]	White								.31	.04	.02	.01	.01		.05	.02		.03	.56	.05						.08				.79			1.97
Lead Hill	White								.25	.05	.23	3.27	T.				T		.07		T.				.28				.53				4.68
Little Rock [1]†	Arkansas						.28	T.	.03	.01	.73	.20			T.	T.	.01	.25	.15		.23		.07		.13				.17				2.26
LittleRock Air'y [1]‡	Arkansas						.26	.01	.01	.05	.18	.21			T.		.09	.23	.04		.89		.02		.21				.13				2.33
Lutherville †	Arkansas						T.		.35	.16	.30	3.14					.10	.56	1.06		.40								.72				6.79
Madison [2]	St. Francis								.60		.25	T.				T		.43	.12	.13	.36					.25				.10			2.24
Magnolia	Red						.11			.28	.09	.19					.35	.84	.99		.07			.25					.33	1.11			4.61
Mammoth Spg [2]	White									.61	07	30	1.46					.08	.16	.25		.30								.27			3.50
Marianna	St. Francis							.37		.05				.07	.17	05	.02	.03	.29	.23					.31				.38	.03			2.00
Marked Tree [2]	St. Francis								1.48	.01	.78		.05		.12				.54	.12						.32				.18			3.60
Mena [2]	Ouachita									.01	.66	.28				.02	1.24	.09	2.68	.01	.03	1.17	.01		.01					1.57			7.78
Monticello Air ‡	Ouachita						T.	.09		.29	.07	.31	T	T.	.41	.09	T.	.34	.07	.22	.48	T.			.16				2.04				4.57
Morrilton [2]	Arkansas							.98			.42	.48	.04			.03			.53	.55		.49								.27			3.79
Mountainburg	Arkansas								.76	.22	T	.41				.38	.02		.24	.21	1.13				.48				.64				4.49
Mountain Home	White						T.			.10	.20	.60					T	.20	.25						.20				.95				2.50
Mountain Valley	Ouachita						.89			2.61	.13	.14					.14	.15	.10	.22	1.26				T.				.65	.14			6.43
Mount Ida	Ouachita						.08			16	.26	.89					.06		.23	.14	.64				.04				.55				3.05
Mount Ida CCC	Ouachita						.11			.04	.25	.89				.03	.03	.10	.20	.02	.48	.04			.03				.23	.29			2.74
Mulberry †[2]	Arkansas						T.	.28	T.	1.88	T.	.36					.83		.11	.26	T.	.13			.13				T	.54			4.52
Nashville	Red						.15			1.90	.66	.13					.81	.09	.75	.01	.01	.01	T.						3.02				7.54
Newport [2]	White								.02			.37	.06		.06	.02		.09	1.40							T.				.07			2.09
Oden	Ouachita									T	.07	.49						.10	.52	1.08	.50								.41	.18			3.35
Okay	Red						.13			1.30	.91	.82			T.		.86	.02	.95		.07			.03						.84			5.93
Osceola [2]	Mississippi								.72		.17		.04		.15	.09		.01	T.	.05		T			.30					.28			1.81
Ozark [2]	Arkansas							T.		1.30	.44	.51	.02				.18	.03	.19	.06		.06		.63						.67			4.09

Daily Precipitation for June, 1940 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Paragould	St. Francis	....	....	....	....	....	....	T	....	.20	T.	.01	....	....	.06	....	T.	....	.14	....	.74	....	....	....	....	....	....	....	1.30	....	....	2.45
Parkin[2]	St. Francis	....	....	....	....	....	....	....	.35	....	.20	....	....	....	.25	.23	....	....	.11	.14	....	....	....	....	....	.35	....	....	....	.12	....	1.75
Pine Bluff[2]	Arkansas	....	....	....	....	....	....	....	.62	....	.03	.41	.05	....	....	T.	....	.05	.62	.63	.12	.33	....	....	T.	.01	....	....	....	.70	....	3.57
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	....	....	....	.26	.29	....	....	....	.15	....	....	....	2.85	1.74	....	....	....	....	....	....	....	.54	....	....	5.83
Pocahontas	White	....	....	....	....	....	....	.04	.07	.32	.09	.08	....	....	.05	....	.07	....	1.11	.05	.05	....	....	....	....	....	....	....	1.95	..	....	3.88
Portland[2]	Ouachita	....	...	....	....	....	....	....	.60	....	.46	.21	.03	....	.15	.15	....	.04	.50	....	.01	1.75	....	....	....	.24	....	....	....	.45	....	4.59
Prescott[2]	Ouachita	....	....	....	....	....	....	.32	....	....	.11	.46	....	....	....	....	.08	.27	.23	....	....	.69	....	....	....	....	....	....	....	1.35	....	3.51
Rogers (near) †	White	....	....	....	....	....	....	....	11	.54	.36	.11	....	....	....	....	....	.12	.01	....	1.43	....	....	....	.24	....	....	....	2.12	....	....	5.04
Rosebud †	Arkansas	....	....	....	....	....	....	....	.07	.08	.14	1.06	....	....	....	....	....	.45	.78	....	.07	....	....	....	T.	....	....	....	.09	....	....	2.74
Russellville ‡‡	Arkansas	....	....	....	....	....	.06	....	....	.90	.53	4.16	....	....	....	....	.01	.15	.50	....	.60	.06	....	....	....	....	....	....	.50	.04	....	7.51
St. Charles[2]	White	....	....	....	....	....	....	....	....	....	1.15	.08	T.	....	.06	....	.07	.20	.30	.20	.07	.64	....	....	....	.02	....	....	....	2.28	....	5.07
St. Francis[2]	St. Francis	....	....	....	....	....	....	.04	T	....	.45	.58	.46	T.	.28	.08	....	.10	.55	.70	.12	.32	....	....	....	....	....	....	....	1.49	....	5.17
Searcy[2]	White	....	....	....	....	....	....	....	.02	....	.09	2.00	.30	....	.12	T.	.11	.17	.30	.05	....	.03	....	....	T.	.05	....	....	....	.25	....	3.49
Spring Bank †[2]	Red	....	....	....	....	....	....	.78	....	....	.37	1 08	T	....	....	T	.10	.42	1.38	.27	.06	.20	....	T.	T	.12	....	....	....	3.30	....	8.08
Story[2]	Ouachita	....	....	....	....	....	....	....	....	....	.82	....	..	....	....	....	....	....	.21	....	....	.26	....	....	....	....	....	....	....	.95	....	2.24
Stuttgart[2]	Arkansas	....	....	....	....	....	....	....	.45	....	.23	1.05	.06	....	.08	.12	....	.07	.26	....	....	.18	....	....	....	.10	.. .	....	....	.95	....	3.55
Stuttgart ‡‡[2]	Arkansas	....	....	....	....	....	....	....	.18	....	.39	.21	....	....	.05	....	.02	.02	.23	.15	.21	.15	....	....	....	.12	....	....	....	1.34	....	3.07
Subiaco	Arkansas	....	....	....	....	....	.17	....	.36	1.24	.04	.45	.02	....	....	....	.49	.19	.51	....	....	1.63	....	....	....	.13	....	....	.40	....	....	5.63
Texarkana[2]	Red	....	....	....	....	....	....	.10	....	....	.53	1.10	....	....	....	....	....	.10	2.45	.83	....	.10	....	....	....	....	....	....	.96	....	....	6.17
Thornburg	Arkansas	....	....	....	....	....	1.58	....	....	.79	.10	.13	.12	....	T	....	.12	.41	1.02	....	.93	....	....	....	.14	....	....	....	.54	....	....	5.88
Turupike †	Arkansas	....	....	....	....	....	....	....	.20	T.	T.	2.55	.03	....	....	.07	.04	.07	.94	....	.81	....	....	....	....	....	....	....	.80	....	....	5.51
Waldron	Arkansas	....	....	....	....	....	....	....	..	....	....	.14	....	....	....	....	....	....	.38	....	.13	....	....	....	.59	....	....	....	....	.04	....	1.28
Warren	Ouachita	....	....	....	....	....	.15	.53	....	.45	.25	.22	....	....	.25	.10	20	.60	.11	....	1.15	.22	.. .	....	.30	....	....	....	.98	.72	. ..	6.23
Whitecliffs[2]	Red	....	....	....	....	....	....	....	....	....	1.33	1.14	....	....	....	....	....	....	1.55	....	.10	....	....	....	....	....	....	....	....	.70	. ..	4.82
White Rock †	Arkansas	....	....	....	....	....	.34	....	.16	.22	.20	.23	.03	....	....	.16	.05	....	.71	....	.78	....	....	....	.16	....	....	....	.97	....	....	4.01
Wilson[2]	Mississippi	....	....	....	....	....	....	....	.23	....	.25	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	.24	....	....	....	.15	....	1.12
Wynne[2]	St. Francis	....	....	....	....	....	....	....	.58	1.40	....	.08	....	....	T	....	.10	....	20	. ..	....	....	....	.. .	.37	....	....	....	....	T.	....	2.73

Daily Temperatures for June, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	85	85	87	90	91	87	87	90	87	79	73	78	80	84	80	84	80	85	89	91	83	89	90	85	85	90	91	86	80	88	85.3
	Minimum	55	59	59	60	63	69	66	64	63	67	65	59	60	62	66	69	70	70	69	70	61	63	71	68	56	63	66	69	65	51	63.9
Arkadelphia §§	Maximum	88	88	90	91	94	91	89	91	89	78	77	81	81	81	86	86	77	84	91	92	86	92	91	81	91	91	94	89	84	87	87.0
	Minimum	58	59	60	63	65	70	68	65	67	68	67	58	61	60	61	70	69	71	69	70	64	67	71	71	55	62	64	68	67	55	64.8
Batesville ***	Maximum	86	88	91	93	95	94	93	95	89	86	83	78	83	84	86	86	82	88	93	86	85	92	94	79	90	96	94	87	83	88	88.2
	Minimum	54	56	57	58	62	69	67	69	67	67	69	66	60	67	72	69	71	69	70	64	60	60	74	60	55	57	67	69	60	55	64.0
Bee Branch	Maximum	87	87	89	90	90	90	90	93	90	88	85	79	80	84	82	86	78	85	90	90	83	88	90	85	80	88	90	90	80	80	86.2
	Minimum	60	50	60	65	65	70	65	70	65	65	60	70	70	71	71	68	65	65	70	75	63	65	67	63	58	65	68	70	60	60	65.3
Benton §§	Maximum	86	88	88	92	91	88	88	90	85	81	75	78	79	83	83	83	77	86	88	92	84	90	90	80	89	90	91	83	86	85	85.6
	Minimum	53	54	54	56	60	60	64	61	62	66	66	56	57	59	63	64	69	69	66	66	60	63	63	69	53	55	56	60	63	64	61.0
Bentonville ***	Maximum	84	85	86	87	88	90	90	90	80	76	65	76	82	86	85	82	85	83	90	87	85	86	88	78	85	91	92	79	78	84	84.1
	Minimum	53	58	61	62	63	69	64	65	62	62	59	59	56	58	64	66	67	67	67	63	60	63	67	58	56	62	70	60	55	57	61.8
Blytheville	Maximum	87	89	91	94	97	97	92	91	89	87	84	82	85	84	86	83	85	90	93	83	83	95	94	82	87	93	95	89	81	86	88.5
	Minimum	55	52	58	59	65	70	72	68	68	68	72	66	61	69	70	69	72	73	71	70	59	60	65	72	58	60	70	78	63	56	65.8
Booneville	Maximum	85	87	88	91	92	90	90	93	84	85	73	83	84	86	85	86	86	88	93	90	86	89	91	86	90	93	93	90	83	86	87.5
	Minimum	53	57	58	60	61	68	68	64	70	65	61	54	61	57	69	68	70	69	67	68	63	67	72	66	54	58	62	69	61	56	63.2
Brinkley	Maximum	85	86	87	89	90	89	85	89	83	81	78	75	77	80	84	80	76	83	87	86	83	89	90	84	84	88	90	87	79	81	84.2
	Minimum	55	55	57	60	61	63	67	67	67	75	68	58	55	67	66	70	71	78	69	69	61	62	73	61	54	57	66	70	64	52	63.9
Camden	Maximum	87	86	85	89	89	90	83	83	89	76	78	80	79	75	75	80	80	79	83	83	83	83	89	90	79	78	85	86	86	79	82.9
	Minimum	55	58	58	62	69	63	67	67	67	66	66	57	58	59	68	69	68	71	68	69	65	66	72	72	55	69	65	64	66	56	64.5
Conway	Maximum	88	90	90	93	93	87	90	94	80	82	79	79	80	83	84	84	79	86	94	83	84	91	91	88	89	93	94	84	81	84	86.6
	Minimum	58	60	60	63	64	69	66	58	66	68	67	59	62	66	67	68	71	72	69	68	62	65	73	68	57	59	64	71	64	57	65.0
Corning	Maximum	88	91	92	94	96	96	94	95	90	86	89	87	87	82	90	90	86	85	94	82	82	92	92	84	88	95	96	90	84	86	89.4
	Minimum	54	59	58	59	63	69	72	69	67	69	65	63	59	68	66	71	72	69	71	63	52	60	73	68	56	58	70	70	59	56	64.3
Crossett	Maximum	86	88	89	91	91	89	91	90	88	81	75	79	78	83	84	85	78	90	89	92	88	95	92	85	87	91	94	88	83	89	87.0
	Minimum	54	55	56	63	63	67	68	71	65	66	67	55	57	65	66	68	69	72	68	66	61	61	68	71	57	58	61	75	68	53	63.8
Dardanelle	Maximum	88	90	90	93	94	91	92	94	90	81	76	80	82	87	86	85	83	87	93	92	86	91	93	86	90	93	94	93	84	88	88.4
	Minimum	58	60	61	62	65	69	66	67	66	67	64	59	64	62	70	72	71	72	71	68	63	67	74	70	57	60	67	69	64	58	65.4
De Queen	Maximum	88	86	89	90	93	88	90	91	87	73	73	82	83	86	85	85	83	89	89	89	87	90	90	85	90	91	93	89	87	84	86.8
	Minimum	58	60	62	63	64	72	68	67	69	67	64	59	62	60	69	67	71	69	70	72	68	70	74	71	56	62	64	70	67	58	65.8
Devils Knob	Maximum	80	80	80	83	85	84	82	84	81	75	67	71	76	79	82	73	74	79	86	84	79	80	83	78	83	80	81	80	75	77	79.4
	Minimum	65	64	65	65	69	67	65	61	61	62	61	55	60	61	62	66	66	65	61	60	59	65	69	53	58	66	61	63	58	62	62.4
Dumas	Maximum	88	90	92	95	95	94	91	95	93	86	80	77	78	85	85	80	77	93	85	91	86	90	95	87	90	94	97	89	83	89	88.3
	Minimum	58	57	59	62	66	67	69	69	70	66	68	60	59	68	68	69	71	73	75	62	66	66	75	69	58	68	65	71	65	57	65.9
El Dorado	Maximum	87	88	90	93	91	88	91	91	88	79	76	81	80	81	83	85	82	88	88	91	88	96	95	91	88	90	93	89	82	86	87.3
	Minimum	63	62	66	68	69	73	71	72	69	63	66	60	62	65	69	73	72	73	71	72	68	71	73	74	61	66	68	78	69	72	68.6
England	Maximum	96	93	92	96	97	92	90	91	87	85	82	79	84	87	87	85	80	89	83	96	85	93	95	85	83	90	84	93	84	85	88.3
	Minimum	56	56	59	61	62	70	64	67	67	67	68	58	61	67	67	69	73	71	78	62	67	65	71	67	61	64	66	64	66	53	64.9
Eureka Springs	Maximum	85	85	87	88	91	90	89	91	85	77	69	75	83	86	89	88	85	87	94	89	87	88	90	86	88	90	93	85	81	85	86.2
	Minimum	53	62	62	63	65	68	65	64	62	62	61	58	56	58	64	65	66	66	66	64	60	64	74	57	58	67	71	65	56	58	62.7
Fayetteville	Maximum	86	86	89	87	92	91	90	90	79	74	70	77	80	85	84	84	84	81	90	86	86	86	89	84	86	90	93	86	80	84	85.0
	Minimum	51	55	58	64	60	68	68	60	63	65	61	58	57	57	64	65	68	66	66	64	60	66	73	58	54	64	70	67	58	55	62.1
Fayetteville Exp. S	Maximum	86	85	84	87	89	90	89	90	80	75	72	75	81	85	85	81	83	85	90	87	83	84	87	84	85	89	91	87	79	80	84.3
	Minimum	50	55	58	65	60	66	66	60	60	66	61	59	57	58	58	66	67	67	66	64	60	65	75	58	54	65	72	67	56	57	61.9
Fordyce	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	...	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	....
Fort Smith***	Maximum	87	87	90	92	93	92	92	93	82	78	69	79	84	85	87	85	87	87	92	88	86	91	92	80	90	93	95	85	85	88	87.1
	Minimum	60	63	64	66	68	72	69	67	66	66	62	59	63	64	71	71	71	70	72	67	65	70	71	66	60	65	68	70	64	62	66.4
Gilbert§§	Maximum	86	87	88	92	92	92	91	92	88	83	76	76	81	85	85	84	82	90	91	86	84	88	90	80	87	90	94	85	80	84	86.3
	Minimum	45	47	49	50	54	58	62	57	57	62	63	56	53	57	61	63	64	64	64	66	56	58	67	62	47	49	60	76	54	50	57.7
Grannis	Maximum	87	84	86	87	90	87	87	87	83	71	72	80	81	83	79	82	82	87	88	88	85	88	88	78	90	88	86	80	84	82	84.0
	Minimum	55	59	58	60	63	68	66	63	64	64	59	55	67	65	66	67	67	66	66	67	63	66	70	65	54	61	65	66	64	55	63.2
Gravette§§	Maximum	88	87	88	87	90	94	92	96	82	78	65	77	85	85	87	86	88	85	92	89	90	90	92	80	86	92	95	82	84	87	86.6
	Minimum	53	58	59	60	60	65	65	64	60	64	59	58	56	57	59	64	65	65	65	67	59	63	67	56	50	54	67	72	55	58	60.8
Green Mountain	Maximum	85	85	88	89	91	90	90	90	87	81	77	76	78	82	82	81	80	81	89	89	79	86	88	85	84	89	91	87	88	82	85.0
	Minimum	52	59	67	66	69	70	67	66	62	62	65	64	59	63	69	65	68	66	68	64	59	64	74	62	52	65	68	67	59	59	64.0
Harrison	Maximum	87	90	91	92	94	92	95	95	86	80	74	78	80	84	84	83	82	84	91	85	84	89	93	80	87	94	98	89	80	88	87.0
	Minimum	50	52	55	55	60	64	65	64	68	64	65	61	56	59	67	67	68	69	66	63	60	64	70	62	54	57	68	68	57	55	61.6
Helena	Maximum	83	85	87	89	91	89	86	87	84	85	81	75	78	79	82	81	78	85	89	90	83	90	90	86	83	89	90	87	78	81	84.7
	Minimum	59	57	62	66	68	68	68	68	67	65	70	61	57	67	66	68	71	71	69	69	63	66	73	63	55	61	68	69	68	54	65.2
Highland	Maximum	87	86	88	89	91	88	87	90	86	74	72	80	82	83	82	83	82	85	88	89	85	90	88	86	89	89	91	87	84	84	85.5
	Minimum	59	60	61	65	65	68	65	66	65	65	62	58	59	60	67	69	68	69	69	70	63	67	70	70	58	63	64	67	65	56	64.4
Hope §§ ‡‡	Maximum	88	88	91	92	91	88	89	92	88	76	70	82	82	83	83	87	79	86	89	88	87	92	89	82	88	90	92	92	84	87	86.5
	Minimum	58	59	59	64	63	69	66	65	69	67	63	59	59	60	63	69	67	70	70	70	66	67	70	73	57	65	67	71	67	57	65.0
Hot Springs	Maximum	85	85	87	88	90	89	88	90	85	78	73	77	78	84	79	81	77	84	87	89	83	89	90	84	87	91	91	86	81	84	84.7
	Minimum	55	58	60	62	62	67	65	64	65	66	63	57	57	60	68	70	69	70	68	68	62	63	71	70	55	61	68	67	62	56	63.6

Daily Temperatures for June, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork §§‡‡	Maximum	84	83	85	87	88	86	87	90	80	74	64	77	80	84	82	81	81	82	89	86	82	87	88	76	86	88	89	80	82	82		83.0
	Minimum	48	50	50	57	55	66	59	56	61	64	58	47	52	50	62	63	67	67	62	65	57	64	58	62	46	52	59	71	60	47		57.8
Jonesboro	Maximum	86	88	90	93	95	93	91	92	88	86	83	80	84	83	87	87	84	89	92	89	85	94	93	89	88	94	94	89	81	86		85.1
	Minimum	55	61	58	58	62	68	69	67	66	66	69	61	57	66	65	68	71	69	70	67	60	60	73	62	56	59	68	67	61	57		63.9
Lead Hill	Maximum	87	88	89	91	92	92	94	92	91	83	78	76	82	86	86	85	83	88	93	83	85	90	93	82	87	94	97	86	83	86		87.4
	Minimum	45	47	53	51	56	61	61	62	60	63	64	60	54	58	64	66	67	69	66	68	58	61	72	63	50	54	59	70	53	53		59.6
Little Rock •••	Maximum	83	87	88	90	91	89	88	90	84	81	75	78	78	82	83	80	76	85	86	89	82	90	90	78	86	90	91	85	80	84		84.6
	Minimum	65	66	66	70	70	72	69	69	68	69	67	60	64	68	69	71	72	72	72	66	64	69	73	66	62	63	65	69	67	60		67.4
Little Rock ••• [Airway]	Maximum	86	88	89	91	93	90	89	91	86	82	78	78	81	84	85	83	77	86	90	91	84	90	91	81	89	91	92	87	82	84		86.3
	Minimum	60	59	59	64	64	70	69	67	66	68	66	58	60	69	68	71	72	72	69	65	63	65	74	63	57	62	63	68	61	56		64.9
Lutherville	Maximum	84	86	87	90	91	88	89	91	88	80	72	80	81	84	87	83	79	85	92	88	82	87	89	80	87	90	92	83	82	83		85.3
	Minimum	58	62	61	62	66	69	67	64	63	66	62	59	61	60	69	68	70	69	68	65	60	66	73	66	57	61	65	67	59	56		64.0
Magnolia	Maximum	90	90	94	95	94	90	90	91	85	77	76	82	84	85	88	86	80	86	86	91	92	94	91	90	87	90	92	94	85	88		88.1
	Minimum	60	61	66	68	65	73	70	70	70	66	64	58	62	62	63	67	70	71	71	70	68	70	75	74	57	69	69	72	69	60		67.0
Mammoth Spring	Maximum	87	88	90	92	95	95	94	95	91	85	82	76	89	86	87	86	81	84	92	84	83	90	94	83	86	95	95	90	81	86		88.1
	Minimum	50	53	53	55	68	65	70	70	63	63	68	62	63	68	69	70	72	70	68	61	57	58	70	66	51	63	65	72	54	62		63.3
Marianna	Maximum	87	87	89	91	92	90	88	89	86	84	81	77	79	79	83	83	80	87	89	87	85	90	91	86	87	91	92	90	82	82		86.1
	Minimum	58	58	59	62	65	72	71	70	65	69	73	63	59	69	69	71	74	73	71	72	64	64	73	65	60	62	70	73	68	56		66.6
Marked Tree §§	Maximum	90	89	90	93	94	92	91	91	88	86	93	80	84	80	88	85	85	89	92	88	87	93	93	76	85	92	93	89	81	85		88.1
	Minimum	55	58	59	59	63	69	70	66	69	67	70	63	59	67	66	69	70	69	69	71	60	60	70	73	55	59	66	74	63	56		64.8
Mena	Maximum	85	87	89	90	92	91	89	92	84	74	70	81	82	86	82	81	82	88	88	87	85	90	90	80	90	90	91	85	86	85		85.7
	Minimum	56	56	58	61	62	69	65	66	64	65	60	55	59	57	68	66	69	68	69	68	63	66	72	66	54	63	66	75	64	55		63.5
Monticello •••	Maximum	87	89	91	92	90	87	91	91	90	83	76	77	79	83	82	84	76	90	90	91	86	92	91	80	87	91	94	90	82	86		86.6
	Minimum	59	61	64	65	69	70	70	70	69	67	68	59	61	67	68	68	71	72	71	72	67	69	72	69	60	63	69	67	64	58		66.6
Morrilton §§	Maximum	87	89	90	92	94	90	90	91	90	81	76	80	82	86	84	85	80	88	92	93	83	91	92	83	91	95	94	82	83	87		87.4
	Minimum	55	57	57	60	61	68	66	66	66	66	68	59	62	64	67	71	72	70	71	71	64	66	73	70	56	58	64	77	64	55		64.8
Mountain Home	Maximum	88	86	90	91	94	93	93	92	91	90	79	76	82	88	88	86	80	85	94	81	84	90	93	84	90	94	96	86	83	87		87.8
	Minimum	50	52	55	56	60	64	64	63	60	60	65	58	56	54	58	66	70	67	67	62	57	60	71	63	50	54	60	68	55	54		60.0
Mt. Ida	Maximum	89	88	88	91	91	87	89	92	87	87	74	82	82	85	83	82	81	88	92	93	85	91	90	81	91	91	93	85	84	85		86.6
	Minimum	49	53	53	51	58	65	62	60	62	64	61	53	54	54	65	68	68	69	64	67	60	63	71	69	51	54	63	67	60	49		60.2
Nashville	Maximum	89	82	88	90	91	85	88	90	85	75	72	80	82	81	82	83	79	90	89	85	88	90	90	84	88	90	89	88	82	84		85.3
	Minimum	69	69	53	64	67	71	66	67	66	68	65	60	62	65	68	68	70	70	71	70	65	70	74	71	58	61	65	69	69	59		66.3
Newport	Maximum	87	88	91	94	94	93	91	94	87	86	81	77	82	85	89	85	80	88	93	89	85	92	93	84	89	94	93	87	83	87		88.0
	Minimum	55	57	59	58	62	70	71	68	70	67	70	62	58	69	67	69	72	71	72	70	61	62	73	67	54	58	67	73	63	54		65.0
Oden •••	Maximum	87	86	86	89	89	85	88	90	83	76	71	80	82	85	82	85	82	86	89	87	84	88	89	80	89	89	90	83	84	84		84.9
	Minimum	65	57	57	61	62	69	67	62	64	65	60	56	59	56	67	69	70	70	69	68	62	66	71	61	54	60	64	66	58	53		62.9
Okay	Maximum	86	86	88	90	91	90	88	91	91	85	75	82	82	83	83	85	80	85	88	92	88	91	92	87	89	90	92	92	88	85		87.2
	Minimum	58	61	62	65	65	70	66	60	62	68	63	58	62	60	67	70	70	71	69	70	67	70	74	72	50	60	66	77	69	59		65.4
Ozark	Maximum	87	87	89	92	93	90	93	94	87	79	73	79	83	86	87	84	85	87	92	89	84	89	92	87	89	94	95	91	82	85		87.5
	Minimum	56	60	61	67	64	69	80	65	63	67	63	58	63	61	62	61	61	70	69	70	61	69	72	67	56	60	64	70	58	57		64.1
Paragould	Maximum	85	87	88	91	94	93	90	92	89	87	85	81	85	83	86	88	85	88	93	88	82	93	92	85	87	91	92	87	82	85		87.8
	Minimum	54	59	57	58	62	66	70	67	75	68	71	62	58	67	65	68	72	70	72	64	57	59	71	69	56	56	67	69	62	55		64.2
Pine Bluff	Maximum	84	87	89	90	91	89	86	90	87	83	76	77	79	82	84	82	77	85	89	89	83	90	90	82	86	90	92	88	80	78		85.2
	Minimum	61	62	63	65	68	72	70	72	69	69	69	60	63	69	70	71	72	73	72	70	67	68	73	75	59	65	70	70	68	59		67.8
Pocahontas	Maximum	85	87	90	92	95	93	92	92	88	84	82	80	84	83	89	88	86	82	93	91	83	92	94	89	86	95	94	91	82	85		88.2
	Minimum	52	60	56	56	60	64	70	67	63	68	68	62	56	64	65	67	70	69	68	63	57	58	71	67	57	56	67	68	60	54		62.8
Portland	Maximum	85	89	90	92	90	87	92	89	90	81	78	77	78	82	82	82	78	89	89	92	84	92	92	87	85	90	93	91	81	85		86.4
	Minimum	59	59	60	63	66	67	69	68	66	65	65	58	60	65	65	66	69	69	69	68	65	66	69	70	59	60	62	72	67	55		64.7
Prescott	Maximum	89	89	91	94	93	90	91	94	91	77	76	84	84	84	82	85	84	85	93	93	88	94	92	88	90	93	94	95	87	89		88.6
	Minimum	59	61	63	66	66	71	68	67	70	67	65	59	61	62	67	70	70	72	70	71	66	69	75	74	60	64	66	77	68	59		66.8
Rogers	Maximum	85	83	87	87	88	91	91	89	88	76	69	76	81	84	84	86	85	84	90	88	85	86	88	81	86	90	92	86	79	85		85.0
	Minimum	50	53	57	59	59	64	65	63	62	64	62	59	54	56	63	64	66	66	66	63	59	65	74	59	52	61	70	67	54	54		61.0
Russellville ‡‡	Maximum	86	88	90	93	94	90	92	94	75	82	76	80	82	86	87	85	84	87	92	93	85	91	93	91	89	93	94	93	84	87		87.9
	Minimum	58	65	..	..	..	71	65	68	67	68	65	64	66	70	72	72	72	70	73	68	63	69	69	..	..	..	..	..	62	68		67.5
St. Charles §§	Maximum	88	89	90	93	93	89	90	91	85	82	81	78	80	82	84	79	79	88	90	92	..	..	91	80	88	90	93	90	83	84		86.5
	Minimum	58	58	60	61	64	70	70	70	68	66	69	60	59	68	67	69	69	72	71	71	64	..	..	68	58	64	68	76	66	57		65.8
Searcy	Maximum	88	90	92	94	94	93	89	93	87	86	80	77	83	85	88	84	80	89	94	90	86	92	93	85	89	93	93	89	83	86		88.2
	Minimum	56	57	60	61	63	69	67	68	66	68	69	61	60	68	68	71	72	71	72	73	63	63	73	68	55	58	66	74	64	55		65.3
Stuttgart	Maximum	87	88	89	93	91	89	90	92	86	85	81	76	80	83	86	82	77	87	92	92	85	92	93	80	89	92	94	91	83	85		87.0
	Minimum	62	59	61	63	67	71	69	69	68	67	69	61	60	68	67	70	73	72	70	70	64	65	73	66	57	62	67	77	67	57		66.4
Stuttgart ‡‡§§	Maximum	86	87	88	91	92	89	90	92	85	81	79	75	79	82	85	81	78	87	90	92	85	..	92	78	87	91	94	90	81	83		85.9
	Minimum	60	58	61	64	65	72	71	70	70	67	70	61	58	67	68	71	73	73	71	72	65	60	..	73	57	62	67	75	68	57		66.4
Subiaco	Maximum	88	90	90	92	95	92	92	94	88	83	71	81	84	87	86	85	84	87	93	90	86	90	92	86	90	93	95	89	84	88		88.2
	Minimum	57	60	61	66	65	71	67	65	64	67	62	59	62	61	70	69	70	69	70	68	62	68	75	67	60	61	67	69	62	59		65.1
Texarkana	Maximum	88	90	91	93	93	88	90	93	90	93	90	76	72	83	84	84	83	86	80	92	84	93	90	88	87	91	93	93	84	86		87.1
	Minimum	62	62	65	67	67	73	67	70	70	68	62	59	63	63	69	70	70	70	70	70	69	70	74	73	58	63	69	72	69	62		67.2
Thornburg	Maximum	85	86	87	90	91	92	87	90	87	77	74	79	80	85	87	84	76	86	92	91	87	89	90	85	86	91	..	84	83	83		85.7
	Minimum	47	52	52	55	62	66	60	58	62	65	63	53	57	55	67	66	69	69	65	66	58	69	65	63	50	62	..	67	62	..		60.9
Turnpike	Maximum	78	78	80	83	84	83	83	85	82	78	67	71	76	80	80	77	74	79	85	83	79	82	85	81	83	85	86	81	74	79		80.0
	Minimum	58	63	66	65	67	65	65	61	61	61	60	55	59	61	66	65	65	64	72	59	56	64	68	57	59	66	64	63	57	62		62.5
Waldron	Maximum	86	..	89	92	93	92	94	89	..	78	74	83	85	87	87	86	87	86	92	90	87	90	95	81	90	93	94	92	87	88		88.1
	Minimum	54	..	55	59	61	66	64	64	..	65	61	55	58	56	67	70	67	69	68	70	61	65	..	65	52	56	63	69	63	55		62.1
Warren	Maximum	86	88	90	92	92	90	89	89	87	81	76	78	79	82	83	82	75	89	90	92	87	93	90	88	88	89	93	90	82	86		86.5
	Minimum	57	59	59	66	61	70	67	70	70	66	68	59	61	60	68	66	68	72	71	69	65	68	74	70	59	63	68	68	67	60		65.6
White Rock	Maximum	79	79	81	84	84	85	83	84	81	72	69	73	77	79	81	79	79	75	86	85	84	81	83	81	82	83	85	83	81	79		80.6
	Minimum	61	63	63	65	68	68	65	63	62	62	59	54	59	66	65	66	67	65	66	74	74	66	75	57	60	75	68	69	69	65		65.3
Wilson	Maximum	84	86	89	92	94	93	90	90	89	90	83	80	84	82	83	84	85	85	92	86	86	90	94	87	86	94	93	90	87	86		87.8
	Minimum	54	56	58	60	63	70	71	68	72	68	70	64	57	67	67	70	70	72	70	70	69	60	72	73	56	60	69	73	64	54		65.6
Wynne	Maximum	86	87	89	92	92	90	91	91	89	84	83	81	82	82	85	85	83	88	91	86	87	91	92	89	88	91	92	90	82	85		87.5
	Minimum	53	60	57	64	62	67	67	68	67	67	68	61	57	66	66	69	71	70	68	70	61	62	72	73	53	58	67	71	63	51		64.3

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for June, 1940

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Hope, §§ Exp. Farm	Evap.	.172	.260	.238	.258	.291	.290	.160	.270	.302	.191	.070	.089	.168	.203	.118	.170	.190	.088	.121	.180	.259	.231	.242	.308	.191	.320	.359	.291	.318	.222		6.679
	Mean tem.	73	74	75	78	77	78	78	78	78	72	66	70	70	72	73	78	73	78	80	79	76	80	80	78	72	78	80	82	76	72		75.8
	Wind move	22	16	18	18	29	35	27	22	39	36	34	47	26	21	11	35	36	35	18	47	31	26	34	55	40	48	56	67	64	30		1023
Irons Fork, §§ Exp. Forest	Evap.	.145	.166	.066	.271	.219	.182	.165	.196	.196	.047	.015	.067	.087	.144	.128	.109	.085	.091	.082	.107	.042	.146	.160	.199	.146	.207	.234	.160	.038	.223		4.123
	Mean tem.	66	66	68	72	72	76	73	73	70	69	61	62	66	67	72	71	74	74	76	76	70	76	73	69	66	70	74	76	71	64		70.4
	Wind move	1	1	1	13	1	10	14	7	12	2	4	8	3	5	4	6	10	18	4	3	7	15	18	28	12	11	34	36	12	10		310
Russellville, Ozark Nursery	Evap.	.210	.330	.196	.188	.264	.150	.242	.245	.297	.452	....	.142	.210	.206	.294	.126	092	.144	.214	.312	.170	.266	.312	.250	.299	.304	.298	272	.252	.220		7.197
	Mean tem.	72	76	..	..	..	80	78	81	71	75	70	72	74	78	80	78	78	78	82	80	74	80	81	..	..	..	..	..	73	76		77.7
	Wind move	18	20	17	25	21	20	28	33	13	33	39	35	11	10	35	7	16	19	11	21	19	11	45	48	92	14	17	37	27	26		768
Stuttgart, §§ Rice Exp. Farm	Evap.	.174	.221	.226	.239	.224	.242	.202	.143	.255	.126	.124	.119	.070	.096	.116	.162	.076	.010	.181	.151	.220	.196	•	.519	.098	.269	.318	.313	.212	.238		5.540
	Mean tem.	73	72	74	78	78	80	80	82	78	74	74	68	68	74	76	76	76	80	80	82	75	....	....	76	72	76	80	82	74	70		76.2
	Wind move	34	15	11	19	15	38	36	41	59	41	54	78	15	18	36	36	37	73	64	23	42	21	•	140	31	46	87	136	87	31		1364

Daily Precipitation for June, 1940 Hydrologic Stations

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Alicia[1]	White											.27	.07						.19										.72			1.25
Antoine(near)[2]	Ouachita																															
Beaty Lake(near)	St. Francis							.71		.09	.12				.15		.15	.28	.11	.27					.50				.15			2.53
Beedeville[2]	White								.12		.04		.02			T.		.11	1.85	.05						.13				.04		2.36
Blue Mountain[2]	Arkansas							.15			.70	.30						1.20	.19			.94								1.60		5.08
Briggsville[1]	Arkansas						.04			.40	.25	.45					.13		.03		1.20								.88			3.38
Cabot[2]	Arkansas							.02		.20		.05						1.10	.40		1.32				.15				.26			3.50
Carlisle[2]	Arkansas								.20		.50	1.85	.07						.39	.12		.15				.22				.02		3.52
Carpenter Dam[1]	Ouachita						1.52		.53	.53	.24	.10					.11		.09		.13								.66			3.91
Centerville(near)[3]	Arkansas						.23			.35	.76						.27	.26											.95			2.82
Clarksville[1]	Arkansas								.42	1.10	.15	.38				.04	.03	.30	.34		1.00								.95			4.71
Clay	White											2.75			.10		.20		1.38													4.43
Compton[1]	White						.21		1.15	.46	.44	.75			.04				.32		.84			.14	.05				1.55			5.95
Denmark[2]	White								T.		T.	.74	.37	.14		.01		.27	1.06	.04				.03						.26		2.92
Dermott[2]	Mississippi								.35	.07	.44	.40			.03	.22		T.	.24			.55				.25				93		3.48
Eleven Point[2]	White									.25	.22		.21		.25		.09			.09	1.23	.07									1.27	3.68
Enders(near)[2]	Arkansas										2.25	.45	.05					.13	1.00	.08										.11		4.07
Evening Shade[2]	White									.15	.23	1.40	.66	.01	.03	.67	T	.02	.16	.57										.64		4.54
Foreman[1]	Red																															
Forrest City[1]	St. Francis							.80		.18		.11					.12	.12	.10						.24				.14			1.81
Greenbrier[1]	Arkansas																															
Green Forest[2]	White									.10	.40	1.00	.30							.35					.32				2.40			4.87
Greenwood[2]	Arkansas									.49	.21	.19	T.				.09		.66	.19		.14			.27					.09		2.33
Hardy[1]	White																															
Harrisburg[2]	St. Francis								.24		.01	.02	.01		.07					.10						.23				.52		1.20
Huntsville[2]	White									.42	.09	.24	.05						.25	.07		2.61			.69					4.35		8.77
Jacksonville[2]	Arkansas									.04	.20	.07			.02		.08	1.97			1.27				.21				.38			4.24
LaCrosse[2]	White						T.		.23	*	.90	.84	.69		T.			.05		.85	.02									.83		4.41
Lake City[2]	St. Francis									.14	.06				.10			T.	.32	T.					T.	.19				.28		1.09
Marvell[2]	White																															
Mountain View[2]	White							.20		T.	.29	.77	.06				.29	.72		.81										.61		3.75
Newhope(near)[2]	Ouachita									.65	.45	1.20			.42			.80				.50								1.09	.92	6.03
Nimrod[2]	Arkansas						1.60		.02	.73	.90	.91					.15	.02			.44								.40			5.17
Odell (near)	Arkansas						.03			.20							.06	.12	.13		.50				1.10				1.34			3.48
Parthenon[2]	White								T			.94	1.40	.14				.17		T			1.81		T.						3.48	7 94
Pottsville[3]	Arkansas								.35	.22					5.05						.35								.48			6.45
Quitman[2]	Arkansas										.55	.82	.15					.29	.95											.28		3.04
St. Paul[2]	White							.18		.74		.37					.35		.35	.58		.10			.54					1.94		5.15
Shirley[2]	White							.14	T.	.69	.66	.63	.09					T.	.39	.33										.52		3.45
Solgahachie[2]	Arkansas						1.40			.50	.27	.35							1.60		.31								.23			4.66
Sparkman[2]	Ouachita							.38			T.	.11	.09			T.	.09		.60	.73		.12								.23		2.35
Tichnor[2]	White										1.80	.16	T.		.03	.27		.18	.20	.04	.06	.20				.54				1.33		4.81
Vick[2]	Ouachita																															
Wheeling[1]	White																															
Winfrey[1]	Arkansas						.45		1.19	.06	.11	.19				.16	.03		.08		NR			.22	.13				2.56			

Daily River Stages for June, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	6.6	6.1	5.8	5.4	5.2	5.0	....	....	5.0	6.0	6.7	7.4	7.5	9.2	9.6	8.8	7.8	7.3	8.0	8.3	7.7	7.2	6.8	6.4	6.2	6.2	6.2	6.4	6.3	6.5
Van Buren	do	22	5.5	5.0	4.6	4.2	4.0	3.8	3.6	3.6	3.8	4.8	5.6	6.4	6.5	8.0	8.5	7.9	6.8	6.3	6.7	7.2	6.7	6.0	5.5	5.4	5.0	4.9	4.9	5.2	5.2	5.0
Mulberry	Mulberry	..	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.2
Danville	Petit Jean	20	3.4	3.3	3.2	3.0	3.0	3.0	3.1	3.0	2.9	2.9	3.0	3.5	3.2	3.1	3.0	2.9	2.9	3.0	3.0	2.9	4.3	8.8	4.3	3.9	3.1	3.0	3.0	2.9	2.9	2.9
Ozark	Arkansas	22	1.9	1.5	1.1	0.9	0.5	0.4	0.2	0.1	0.2	0.3	1.0	1.9	2.4	2.6	4.4	4.3	3.3	2.7	2.3	3.0	3.1	2.5	1.9	1.7	1.3	1.2	1.1	1.1	1.4	1.4
Dardanelle	do	22	4.9	4.5	4.2	3.6	3.2	2.9	2.7	2.4	2.4	2.7	4.0	4.5	5.0	5.5	5.8	7.6	7.3	6.4	5.7	5.4	6.4	6.2	5.5	5.0	4.5	4.1	3.9	3.6	3.8	4.0
Morrilton	do	20	1.2	0.6	0.2	-0.9	-0.7	-1.2	-1.4	-1.6	-1.8	-1.3	-1.0	1.6	1.1	1.9	1.1	2.9	3.8	3.2	2.6	1.9	2.6	3.4	2.7	1.7	0.8	0.4	-0.9	-0.4	-0.5	-0.4
Little Rock	do	23	3.0	2.5	2.1	1.7	1.4	1.0	0.9	0.7	0.4	0.2	0.4	0.9	3.3	3.3	3.1	2.9	3.6	4.4	4.1	3.6	3.4	4.0	4.4	3.7	2.8	2.2	1.7	1.3	1.0	1.1
Pine Bluff	do	25	6.5	6.2	5.8	5.4	5.0	4.8	4.5	4.3	4.1	3.9	3.8	3.9	4.5	6.6	6.5	6.2	6.1	6.9	7.4	7.0	6.8	6.5	7.1	7.3	6.9	5.9	5.3	4.9	4.7	4.2
Gilbert	Buffalo	30	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	6.1	5.6	4.8	4.3	4.0	3.9	3.8	3.7	3.6	3.7	4.6	4.4	4.0	3.8	3.6	3.5	3.4	3.4	6.1	5.8
Doniphan, Mo.	Current	10	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	3.4	3.5
Black Rock	Black	14	3.3	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.8	3.0	3.0	3.0	3.0	3.0	2.8	2.7	3.1	2.9	2.7	2.6	2.4	2.3	2.3	2.3	2.2	2.1	5.1	3.1
Heber Springs	Little Red	30	3.3	3.1	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.8	2.9	3.7	4.3	4.5	4.4	4.0	3.8	3.7	3.8	5.3	4.9	4.6	5.1	4.5	4.2	3.9	3.6	3.4	3.3	3.1
OzarkBeachMo	White	30	-0.6	0.6	0.6	0.6	0.6	0.0	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.5	0.2	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.6
Cotter	do	21	2.8	2.0	2.0	1.9	1.9	2.0	1.8	2.2	2.2	2.0	1.9	4.2	3.8	3.5	4.0	3.8	3.2	2.5	2.5	2.9	2.8	2.6	1.9	1.8	1.7	1.6	2.4	2.2	2.1	2.1
Calico Rock	do	18	1.1	0.7	0.7	0.6	0.4	0.6	0.5	0.4	0.9	0.6	1.1	4.4	3.5	2.6	2.0	1.8	1.2	1.1	0.9	1.2	1.3	1.3	1.2	1.0	0.6	0.5	0.3	1.0	1.1	0.9
Batesville	do	23	5.9	5.9	5.6	5.5	5.4	5.3	5.3	5.3	5.3	5.8	5.6	6.4	9.9	8.7	7.7	7.2	7.0	6.7	6.8	5.9	6.1	6.0	6.1	6.0	5.7	5.3	5.2	5.1	5.7	5.8
Newport	do	26	2.7	2.6	2.4	2.1	2.0	1.9	1.7	1.6	1.6	1.6	1.8	2.1	3.0	5.3	4.7	3.6	3.6	3.3	3.0	2.9	2.6	2.4	2.1	2.1	1.9	1.7	1.4	1.2	1.1	2.0
Georgetown	do	21	5.0	4.8	4.5	4.3	4.0	3.8	3.5	3.3	3.1	2.9	2.9	3.1	3.3	3.8	5.3	6.0	6.0	5.7	5.5	5.0	4.7	4.5	4.2	4.0	3.8	3.6	3.3	3.0	2.8	2.7
Des Arc	do	24	8.4	7.8	7.7	7.5	7.3	6.9	6.7	6.5	6.2	....	7.5	7.5	7.8	8.0	8.9	10.0	10.3	10.2	9.9	9.6	9.3	9.2	9.1	8.8	8.6	8.3	8.0	7.7	7.3	7.0
Clarendon	do	26	13.5	12.9	12.5	12.1	11.8	11.5	11.2	11.0	10.7	10.5	10.4	10.2	10.2	10.4	10.5	11.2	12.1	12.5	12.5	12.4	12.1	11.9	11.8	11.6	11.4	11.1	10.8	10.5	10.2	9.8
St. Charles	do	25	14.2	13.5	12.9	12.6	12.3	12.0	11.7	11.5	11.2	11.0	10.8	10.6	10.5	10.6	10.7	11.0	11.7	12.2	12.4	12.4	12.3	12.1	11.9	11.8	11.6	11.4	11.1	10.9	10.8	10.4
Glenwood	Caddo	..	5.8	5.7	5.7	5.6	5.5	5.5	5.5	5.4	5.5	5.6	5.8	5.8	5.7	5.6	5.5	5.5	5.4	5.5	5.5	5.6	5.7	5.6	5.5	5.4	5.4	5.3	5.3	5.4	5.4	5.3
Arkadelphia	Ouachita	17	8.1	7.6	7.1	6.1	5.9	6.6	7.6	7.0	5.5	5.2	6.1	8.1	9.0	7.8	7.6	6.5	5.1	6.6	6.0	6.0	5.5	7.4	7.2	4.8	6.8	5.2	4.8	4.5	4.5	4.4
Boughton	Little Mo.	20	9.9	8.8	6.6	6.8	6.3	5.9	5.6	6.5	6.0	6.2	9.7	10.7	10.9	8.9	7.2	6.5	6.3	6.9	7.3	9.0	9.9	9.0	8.0	6.8	6.1	5.6	5.3	5.0	5.0	6.4
Camden	Ouachita	26	18.8	17.9	16.9	16.0	12.1	8.7	7.6	9.6	10.1	8.6	7.2	7.9	9.5	18.8	12.2	11.4	9.8	9.8	8.8	8.8	9.0	8.9	9.8	10.2	9.1	6.9	6.8	6.0	6.5	7.1
Benton	Saline	20	5.6	5.3	5.1	4.9	4.8	4.6	4.6	4.4	4.7	4.7	8.1	7.0	6.6	6.2	5.9	5.7	5.6	5.5	11.6	8.4	12.5	12.0	8.7	7.7	7.0	6.5	6.1	5.8	5.6	5.4
Whitecliffs	Little River	25	25.3	24.1	22.2	19.5	17.4	15.7	13.3	11.0	7.1	4.8	4.8	4.8	6.2	5.0	5.1	5.0	5.2	9.5	16.1	20.2	21.3	19.0	16.0	13.0	10.1	7.9	5.9	5.9	3.0	3.0
Index	Red	25	18.7	17.6	17.0	15.5	14.4	12.9	11.9	10.8	10.3	10.0	9.8	9.5	12.9	15.0	15.2	14.0	13.2	13.1	13.5	15.0	15.4	14.8	14.0	13.6	12.9	12.3	11.9	10.3	10.6	11.2
Fulton	do	25	24.2	23.1	22.6	21.1	20.4	17.5	15.6	13.6	11.4	10.2	10.2	9.9	10.3	13.8	14.8	14.1	13.0	12.9	14.0	15.9	17.0	17.2	16.6	15.6	14.4	12.4	10.9	9.6	9.2	10.4
Big Lake Outlet	St. Francis	10	6.4	6.2	6.0	5.8	5.5	5.3	5.3	5.4	5.3	5.3	5.4	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.8	5.0	4.9
St. Francis	do	18	5.3	5.1	4.8	4.7	4.6	4.6	4.4	4.3	4.2	4.2	5.6	5.0	4.5	4.1	3.9	3.8	3.7	3.7	6.9	7.3	6.0	4.5	4.2	3.9	3.7	3.6	3.6	3.5	6.4	8.1
St. Francis L.L.	do	..	20.3	20.1	19.9	19.7	19.6	19.4	19.3	19.2	19.1	19.1	19.0	19.0	18.9	18.9	19.3	19.1	19.0	19.0	18.9	19.1	18.9	18.8	18.7	19.6	19.9	19.1	18.9	18.7	18.5	18.2
Marked Tree	do	17	7.0	6.8	6.7	6.7	6.5	6.5	6.4	6.4	6.3	6.4	6.4	6.3	6.3	6.2	5.2	5.9	6.0	6.2	6.1	5.5	6.0	6.0	6.0	2.8	2.0	6.3	6.2	5.9	5.9	5.8
Parkin	do	28	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.2	6.1	6.0	6.0	5.9	5.9	5.7	5.5	5.3	5.6	5.7	5.6	5.4	5.4	5.4	5.3	4.2	3.2	4.9	5.5	5.5	5.4
Madison	do	32	7.6	7.4	7.1	6.8	6.5	6.2	6.0	5.7	5.5	5.4	5.2	5.0	4.9	4.8	4.7	4.4	4.0	4.0	4.2	4.3	4.2	3.9	3.9	3.9	3.6	2.9	2.5	3.3	4.0	3.9
Helena	Mississippi	42	14.5	14.9	15.0	15.4	15.9	16.5	16.8	17.3	17.7	18.1	18.5	18.8	18.8	18.6	18.1	17.5	17.3	17.6	18.0	18.1	17.9	17.7	17.6	17.5	17.3	17.1	16.8	16.3	15.9	15.8
Arkansas City	do	42	11.6	11.8	11.9	12.0	12.0	12.2	12.6	13.0	13.2	13.4	13.6	13.9	14.1	14.3	14.3	14.1	13.9	13.6	13.6	14.0	14.4	14.3	14.1	13.9	13.9	13.8	13.6	13.4	12.9	12.5

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 1 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year perioc for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a,b,c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹Precipitation is for the 24-hour period, midnight to midnight. ²Precipitation measured in morning; amoun recorded is for the preceding 24 hours. ³Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation les than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Devil Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Rout 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass. Mulberry, R 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No recorc

Weather Bureau Office, Little Rock, Ark. 7-26-40-1150

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3 ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLV Little Rock, Ark., July, 1940 No. 7

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GENERAL SUMMARY

The mean temperature for the month of July, 1940, as determined from the records of 75 stations, was 78.4° which is 2.1° below the 50-year average. This was the lowest July mean since July, 1915, and is among the lowest of the last 50 years. July, 1915, with a monthly mean of 77.1°, July, 1904, with 77.9°, July, 1905 and July 1906, with 76.7°, and July, 1891, with 76.5° are the only cooler Julys on record in Arkansas. Monthly means ranged from 73.4° at Turnpike, northern Pope County, to 81.8° at Dardanelle, Yell County. All stations for which normals have been computed showed negative departures except Harrison and Gravette. Both of these stations had light rainfall. Extremes ranged from 103° at Harrison on the 29th and Subiaco on the 31st to 48° at Lead Hill on the 4th. The lowest occurred in most sections early in the month and the highest near the close of the month. Daily means were almost uniformly below normal during the first 21 days of the month, above the last decade. The greatest daily range was 39° at Thornburg on the 11th, from 57° to 96°.

The average precipitation for 107 stations was 4.14 inches which is 0.34 inch above the 50-year average. Monthly totals ranged from 14.79 inches at Warren to 0.35 inch at Cotter. Texarkana measured 14.41 inches, Index 13.95 inches, Fulton 12.71 inches. Monthly totals of ten inches or more occurred at ten stations, six in southwestern Arkansas, four in southeastern Arkansas. Monthly totals were less than an inch at fifteen stations, 14 in northern counties and at Waldron. This month Grannis, on the windward side of the mountains, had 10.75 inches while Waldron, 50 miles to the northward, but on the leeward side of the mountains, had only 0.92 inch. Mena, only 25 miles south of Waldron, had 7.00 inches. Torrential rains fell at several stations in southern and southwestern sections of the State on the 1st and 2d, Texarkana having 4.60 inches on the 1st, and 6.60 inches on the 2d, a total of 11.20 inches in less than 48 hours. Prescott, El Dorado, Camden, Monticello and Portland reported heavy totals these two days. While these totals are heavy, they do not establish a record, Arkadelphia having had 12.00 inches on June 28, 1905.

Showers were reported in the State every day during the first three weeks and temperatures being below normal, the weather was rather unfavorable for cotton. Fields became grassy, especially in southern sections of the State, and the crop suffered for lack of sunshine and warm weather. The last ten days were warm and dry, fields were cleaned, the crop made quick recovery and the close of the month found cotton blooming and fruiting satisfactorily. Boll weevil activity the first of the month was checked and by the close of the month the cotton crop was in good condition. Corn suffered from the dry weather in many localities in northern sections of the State, but in the remainder of the State corn made satisfactory progress and was generally in good condition at the close of the month. The heavy rains in the southern counties caused serious damage to truck crops and the quality of watermelons, tomatoes and cucumbers was impaired. A fair crop of peaches was harvested during the month.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmostpheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville..	30.01	30.24	5	29.76	25	5 7	15	e.	18	..	..	..	77
Fort Smith..	30.02	30.26	5	29.85	26	6 3	21	s.	18	32	55	52	71
Little Rock..	30.03	30.20	5	29.88	2	7 2	19	ne.	4	92	67	69	59
Memphis	30.03	30.20	5	29.87	3	6.5	25	n.	16	88	64	69	42

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog	3	2	..	..	..	..	1	2	3	.	..	.	..	..	3	1	.	2	2	2	2	1	..	1	..	..	..	..	..	..	.
Light hail	.	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Moderate hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	.
Thunderstorm	5	8	2	.	1	..	..	..	..	4	17	6	3	..	4	14	3	17	18	18	17	7	9	1	..	..	..	..	4	11	4

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	5	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79.6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2.32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3.34	0	7	19	8	4
1940	78.4	103	48	4.14	0	8	13	9	9
Period	80.5	116	40	3.80	0	7	15	11	5

Corrections

Corrections for June: Jonesboro, mean monthly temperature 76.2°, departure from normal −1.5°. Paragould, total precipitation 2.45 inches, departure from normal −1.61 inches, number days with 0.01 inch or more 6. Stuttgart, greatest 24-hour precipitation 1.05 inches. White Rock, clear days 9a, partly cloudy 15a, cloudy 5a. White Rock, mean monthly temperature 73.0°.

Climatological Data for July, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork .... †	Saline	755	4	78.0	......	96	30	60	13	26	4.92	......	1.25	0.0	13	0	20	11	n.	L. R. Water Works
Amity	Clark	500	45	......	......	......	......	......	......	......	......	......	....	......	......	......	......	......	......	J. W. Campbell
Arkadelphia	Clark	200	45	79.0	......	98	29	62	14	27	5.14	+1.45	1.50	0.0	10	16	11	4	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	6.05	+2.41	2.01	0.0	14	10	6	15	......	Herbert Neff
Batesville Airway	Independence	363	4	78.8	- 1.0	101	30	55	5	29	3.19	......	1.45	0.0	7	4	9	18	ne.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	2.81	-1.01	0.80	0.0	8	17	6	8	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	79.6	- 1.0	99	30	60	1§	27	4.65	+1.24	2.10	0.0	6	12	9	10	w.	J. E. Scanlan
Benton	Saline	285	5	76.4	......	96	29	53	1	29	2.34	......	0.90	0.0	11	15	7	9	se.	S. A. Burks
Bentonville	Benton	1295	35	77.0	- 0.4	96	30	52	5	29	1.09	-3.25	0.57	0.0	5	14	9	8	s.	U. S. Weather Bureau
Bethesda	Independence	....	1	......	......	......	......	......	......	......	4.22	......	1.25	0.0	5	......	......	......	......	Soil Conservation Ser.
Big Lake Outlet .. †	Mississippi	239	10	......	......	......	......	......	......	......	2.14	......	1.11	0.0	6	17	5	9	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	0.36	-3.38	0.30	0.0	2	22	1	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	79.2	- 2.8	100	28§	57	5	27	1.41	- 1.81	0.20	0.0	10	18	8	5	s.	Samuel Norris
Booneville	Logan	465	26	78.7	- 3.3	100	30	54	5	31	4.92	+1.37	1.04	0.0	9	2	22	7	e.	F. H. Randolph
Boughton .... †	Clark	235	5	......	......	......	......	......	......	......	6.08	......	1.55	0.0	8	19	0	12	......	Harry J. Buie
Brinkley	Monroe	205	49	76.8	- 4.3	96	29§	57	5	26	1.65	-2.63	0.36	0.0	8	11	10	10	ne.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	0.74	-2.20	0.35	0.0	8	12	3	16	......	William Jones
Camden	Ouachita	116	55	79.8	- 1.4	102	29	61	5	29	9.91	+5.90	6.50	0.0	10	10	8	13	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	4.37	+0.78	1.67	0.0	11	11	4	16	sw.	R. M. Wheatley
Clover Bend	Lawrence	....	..	79.2	......	100	11	58	5	33	3.94	......	1.37	0.0	4	10	17	4	s.	G. E. Tanner
Conway	Faulkner	309	57	79.4	- 2.6	100	29	58	5	27	6.55	+3.01	3.84	0.0	7	15	7	9	s.	E. E. Cordrey
Corning	Clay	293	47	78.8	- 1.0	102	29§	55	4§	34	1.98	-1.42	1.82	0.0	3	20	6	5	s.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	0.35	-2.75	0.25	0.0	2	14	7	10	......	O. B. McSpadden
Crossett	Ashley	175	28	78.9	- 3.5	97	23§	65	4§	30	10.14	+5.69	2.30	0.0	15	8	9	14	s.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	2.38	-1.08	0.82	0.0	11	12	11	8	......	J. M. Patterson
Dardanelle	Yell	330	54	81.8	- 0.2	100	30	57	5	31	3.20	+0.11	2.26	0.0	8	8	16	7	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	79.7	......	96	29§	60	5	26	10.73	......	5.70	0.0	6	20	4	7	s.	E. B. Smith
Des Arc	Prairie	204	2	......	......	......	......	......	......	......	2.38	......	0.82	0.0	9	14	1	16	......	Z. R. Glenn
Devils Knob ..... †	Johnson	2350	4	74.4	......	91	30§	57	4§	22	3.64	......	2.30	0.0	8	13	11	7	se.	U. S. Forest Service
Dumas	Desha	162	35	79.8	- 2.5	100	28	63	4§	25	8.77	+4.16	3.15	0.0	17	0	21	10	sw.	Ben Johnson
El Dorado	Union	270	40	81.0	- 1.4	97	27§	66	4§	24	7.27	+3.23	2.12	0.0	12	18	4	9	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	79.4	-- 2.2	99	23§	59	4	29	2.44	-0 85	0.62	0.0	10	3	22	6	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	77.2	- 1.4	95	13§	53	13	32	6.24	+1.94	2.50	0.0	7	17	8	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	....	3	77.8	......	99	28§	53	5	29	0.69	......	0.37	0.0	5	3	18	10	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	77.3	- 1.1	96	28§	53	4	31	0.90	-3.01	0.44	0.0	7	12	18	1	sw.	University of Arkansas
Fordyce	Dallas	275	12	......	......	......	......	......	......	......	......	......	....	...	......	......	......	......	......	......
Fort Smith	Sebastian	448	59	81.0	- 0.5	101	29	61	5	26	2.54	-0.83	0.85	0.0	10	5	19	7	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	....	3	......	......	......	......	......	......	......	0.90	......	0.63	0 0	3	14	7	10	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	12.71	+8.96	5.06	0.0	9	16	4	11	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	1.93	-1.43	0.50	0.0	10	18	2	11	......	C. G. Long
Gilbert	Searcy	600	15	75.2	......	101	30§	49	4§	35	0.88	-2.61	0.44	0.0	5	21	0	10	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	3.98	......	1.90	0.0	7	16	5	10	......	C. A. Price
Grannis	Polk	950	21	76.6	- 2.8	94	30	57	5	28	10.79	+4.54	5.57	0.0	8	12	10	9	s.	W. E. McVay
Gravette	Benton	1250	43	78.6	+ 0.8	102	30	52	5	35	1.27	-2.90	0.68	0.0	3	14	17	0	sw-	Max W. Schmidt
Green Mountain	Stone	1100	3	78.0	......	99	29§	58	4	29	0.67	......	0.13	0.0	10	20	6	5	s.	U. S. Forest Service
Harrison	Boone	1052	40	78.2	+ 0.8	103	29	52	5	35	0.89	-3.22	0.24	0.0	8	14	11	6	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	....	11	......	......	......	......	......	......	......	3.00	......	0.89	0.0	9	11	14	6	......	Lester B. Logan
Helena	Phillips	300	68	77.2	- 4.4	96	30	60	7	22	6.02	+2.32	1.72	0.0	12	5	10	16	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	2.85	-0.60	1.09	0.0	7	13^{e}	9^{e}	4^{e}	s.	Austin E. Cartwright
Highland	Pike	491	21	78.8	......	95	29	60	4§	25	4.42	+0 56	1.63	0.0	4	14	14	3	sw.	J. O. Cooley
Hope .... ‡‡	Hempstead	375	70	79.0	-- 2.8	98	29	62	4§	26	12.77	+8.41	4.86	0.0	8	13	11	7	sw.	Experiment Farm
Hot Springs	Garland	600	49	77.7	- 4.1	96	9§	59	5§	31	3.73	-0.87	1.42	0.0	12	9	18	4	s.	National Park Service
Index .... †	Little River	275	23	......	......	......	......	......	......	......	13.95	†10.61	6.00	0.0	6	20	1	10	......	W. E. McDowell
Irons Fork ..... †‡‡	Polk	....	2	74 .6	......	95	30	51	4§	33	5.24	......	1 45	0.0	10	16	4	11	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	2.97	-0.47	0.98	0.0	8	6	16	9	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	78.8	- 1.8	101	31	58	4	30	0.79	-2.50	0.41	0.0	7	3	15	13	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	76.9	- 3.3	100	31	48	4	36	2.90	-0.55	0.92	0.0	7	18	9	4	sw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	78.8	- 2.1	96	29	64	13	21	1.60	-1.90	0.47	0.0	12	6	9	16	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	79.0	......	98	30	62	5	25	1 19	......	0.27	0.0	11	6	9	16	ne.	W. B. Airport Station
Lutherville .... †	Johnson	775	42	78.4	- 1.7	100	30	58	5	27	1.67	-2.08	0.51	0.0	7	14	9	8	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	2.66	......	1.00	0.0	7	7	3	21	......	J. W. Eppes
Magnolia	Columbia	315	24	81.0	- 1.6	99	29	65	4§	27	5.68	+2.22	2.90	0.0	6	5	22	4	sw.	State Agri. School
Mammoth Spring	Fulton	600	36	77.4	-- 1.2	100	30§	51	5	35	1.07	-2.75	0.50	0.0	4	11	15	5	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	78.7	- 2.5	96	28§	61	4§	23	6.28	+2.81	2.48	0.0	11	13	12	6	s.	C. N. Houck
Marked Tree	Poinsett	229	36	77.3	- 3.8	99	30	52	18	38	2.90	-0.60	1.66	0.0	8	10	13	8	s.	Charles Walton
Mena	Polk	1207	52	77.8	- 2.4	98	30	57	5	29	7.00	+3.20	2.21	0.0	10	12	12	7	sw.	E. W. St. John
Monticello, Airway	Drew	273	4	78.8	......	97	28	64	5	25	10.30	......	4.21	0.0	15	7	11	13	s.	Airway Observer
Morrilton	Conway	315	21	79.2	- 3.7	99	29§	55	4	30	1.64	-1.06	0.81	0.0	7	14	10	7	ne.	Mrs. Nova Berry
Mountainburg	Crawford	2010	3	......	......	......	......	......	......	......	1.25	......	0.60	0.0	5	23	5	3	s.	C. A. Lovell
Mountain Home	Baxter	800	28	78.2	- 1.0	102	29§	55	4	34	1.35	- 2.49	0.80	0.0	6	18	1	12	sw.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	1.96	......	1.14	0.0	9	15	10	6	s.	J. G. Scott
Mount Ida	Montgomery	702	41	77.5	- 2.5	99	29	52	4§	34	2.26	-1.47	0.73	0.0	9	9	13	9	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	....	1	......	......	......	......	......	......	......	2.42	......	0.73	0.0	10	20	7	4	s.	U. S. Forest Service
Mulberry .... †	Franklin	....	2	......	......	......	......	......	......	......	3.97	......	3.54	0.0	7	13	14	4	......	Clifton Ward
Nashville	Howard	350	2	79.2	......	96	29	61	3	24	6.37	......	2.72	0.0	8	17	6	8	s.	H. B. Carruth
Newport	Jackson	231	57	79.1	- 2.2	100	30	58	5	30	5.79	+2.70	2.66	0.0	8	9	15	7	n.	J. D. Henderson
Oden	Montgomery	800	13	77.6	......	98	30	58	5	28	3.64	......	1.11	0.0	7	3	20	8	sw.	U. S. Forest Service
Okay	Howard	288	12	80.0	......	96	29§	61	5	26	4.60	......	2.36	0.0	4	15	8	8	sw.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	1.77	......	0.84	0.0	7	18	11	2	......	G. H. Banks
Ozark	Franklin	396	45	80.2	- 1.9	100	30	57	5	29	1.80	......	1.34	0.0	6	13	10	8	se.	Orkney O. Milton
Paragould	Greene	275	17	78.4^{e}	......	99	30	58^{e}	5	31^{e}	0.93	-2.15	0.56	0.0	6	22	7	2	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	1.38	......	0.50	0.0	4	14	3	14	......	Carroll King
Pine Bluff	Jefferson	215	53	79.2	- 3.2	97	29	62	4	22	4.57	+1.01	2.05	0.0	12	6	13	12	sw	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	5.19	+1.56	1.48	0.0	7	14	8	9	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	78.4	- 2.0	100	29§	57	4§	33	1.42	-2.69	0.51	0.0	9	12	11	8	n.	Benedictine Sisters
Portland	Ashley	122	34	77.8	- 4.0	97	28	62	4	26	11.00	+6.90	3.11	0.0	17	6	10	15	sw.	W. E. Edmiston
Prescott	Nevada	318	52	81.0	- 1.1	99	29	63	4§	27	9.01	+5.02	3.20	0.0	11	14	3	14	s.	Craig Williams
Rogers(near) ..... †	Benton	1300	50	76.2	- 1.4	96	17§	51	5	31	2.27	-2.17	1.12	0.0	6	18	7	6	ne.	Mrs. Carl A. Starck
Rosebud .... †	Faulkner	680	6	......	......	......	......	......	......	......	1.73	......	0.91	0.0	6	5	17	9	s.	G. A. Maddox
Russellville	Pope	526	28	79.2^{a}	- 2.0	98^{a}	29	57	5	28^{a}	8.76	-0.51	1.15	0.0	9	21	0	10	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	78.3	......	97	30	60	4§	27	7.91	......	4.10	0.0	11	13	6	12	......	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	...	4.59	+0.29	1.60	0.0	6	21	2	8	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	79.8	- 1.2	101	30	60	5	28	1.66	-1.25	0.51	0.0	9	13	4	14	sw.	Walter A. Smith
Springbank ...... †	Miller	240	31	......	......	......	......	......	......	......	6.59	+2.39	4.33	0.0	9	13	3	15	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	4.45	+0.85	1.61	0.0	8	16	8	7	s.	S. C. Story
Stuttgart	Arkansas	214	53	79.0	- 2.2	98	30	61	4§	25	4.31	+0.87	1.28	0.0	13	17	8	6	s.	Mrs. B. E. Swim
Stuttgart .... ‡‡	Arkansas	210	5	78.6	......	95	29§	61	4	23	5.16	......	2.06	0.0	11	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	43	80.6	- 1.4	103	31	59	4§	31	1.90	-1.47	0.75	0.0	8	16	10	5	w.	New Subiaco Abbey

Climatological Data for July, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Texarkana	Miller	332	56	80.3	− 2.2	96	11§	62	5	25	14.41	+10.25	6.60	0.0	6	16	10	5	s.	H. S. Brashear
Thornburg	Perry	650	20	76.4	− 3.4	98	29§	49	4§	39	2.85	−1.46	0.81	0.0	9	10	15	6	s.	Edward E. Holmes
Turnpike†	Pope	2240	16	73.4	......	92	30	55	4	21	0.99	−2.74	0.21	0.0	7	9	10	12	ne.	U. S. Forest Service
Wabash	Phillips	....	..	79.0	......	97	29	61	5	25	5.32	......	1.60	0.0	16	8	13	10	....	Ben Rives
Waldron	Scott	675	21	79.8	......	100^{i}	29§	53^{b}	5	32	0.92	−2.76	0.35	0.0	6	17^{c}	7^{c}	2^{c}	se.	Wilson Ferguson
Warren	Bradley	206	46	79.2	− 3.2	97	29	60	4	25	14.79	+11.02	6.38	0.0	13	0	5	26	sw.	C. N. Turner
Whitecliffs	Little River	290	34	....	......	....	....	....	....	....	7.06	+4.01	3.60	0.0	5	21	2	10	.....	L. M. Snead
White Rock†	Franklin	2285	4	75.6^{a}	......	94^{a}	30	58^{a}	4	21^{a}	0.92	......	0.45	0.0	6	23	2	6	sw	U. S. Forest Service
Wilson	Mississippi	237	15	78.2	− 0.3	99	30	58	4§	29	0.43	−3.59	0.32	0.0	5	20	4	7	s.	D. O. Anderson
Wright	Jefferson	....	..	79.2	......	98	29§	58	6	24	2.23	......	0.49	0.0	8	14	11	6	s.	J. S. Martin
Wynne	Cross	167	32	78.7	− 2.1	99	15§	60	1§	28	3.57	−0.15	1.83	0.0	8	10	12	9	s.	B. M. Eddins
State Means				78.4	− 2.1	103	29§	48	4§	39	4.14	+0.34	6.60	0.0	8	13	9	9	s.	

Daily Precipitation for July, 1940

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser.†	Ouachita.	.07	.83	.33			T.	T.	T.				1.25	.04	.02	.68			.14	.02	.55	.95	.02						.02				4.92
Amity	Ouachita..																																....
Arkadelphia ²	Ouachita..	.55	1.00	.44	T.				.01					.02						.02	.01	1.50	1.11	.48									5.14
Arkansas City ²	Mississippi		2.01	.61	.08		.05	.80	.85	T.		T.	.12	.66	.22	.06	.01		T	.16	.06	T.	.36										6.05
Batesville Airway†	White	.09	1.45					T.					.20				.37		T.		.31	.71		.06									3.19
Batesville River ²	White		.22	.80				T.									.26	.29	T		.01	.40	.77		.06								2.81
Bee Branch	Arkansas..	.10	.35										T.				1.25	.40		T	2.10	.45									T.		4.65
Benton ²	Saline	.06	.25	.32	T.			.03	T				.04	.07				.06	.05	.36		.20	.90	T	T.								2.34
Bentonville ¹‡	Arkansas..	T.										.03								.57		.22	.20	.07									1.09
Bethesda	White	.10	.92										.39						.60		.96	1.25											4.22
Big Lake Outlet †²	St. Francis		.03	T.					.08				.32	.30			.30	1.11			T.	T.		T.								T	2.14
Black Rock ²	White			.06				T.																	.30								0.36
Blytheville ²	St Francis		.04	.02				.01	.14	.10			.08	T.				.20			.02										.65	.15	1.41
Booneville	Arkansas..	.42	.40										.72			.41		.03	1.01	.84		.05		1.04	T								4.92
Boughton †²	Ouachita..	1.09	1.34	1.55	.05			.01	T					.17								1.39	.48										6.08
Brinkley	White	.26	.32	.06			.12	.36	T.				T.			.05	.24				.24	T.											1.65
Calico Rock ²	White		.20	.05														.02		.02		.03	.05	.02	.35								0.74
Camden ²	Ouachita..	.45	6.50	.30	.01			.02	.27					.27	.01	.17				1.91													9.91
Clarendon ²	White		.58	1.67	T.			.10	.29	.02				1.12	.02	.01		.50	.03			.03											4.37
Clover Bend	White			.79				T.					1.37							1.28				.50								T.	3.94
Conway	Arkansas..	.27	.06					T.					.58							.71	3.84	.78	.31										6.55
Corning ²	White													.06									1.82	.10									1.98
Cotter ²	White		.10	.25														T				T.		T.	T								0.35
Crossett ..[near]	Ouachita..	1.18	1.70	.64			.04	1.14	.56				.12	2.30	.24	.21		.31		1.19	.06	.07								.38			10.14
Danville ²	Arkansas..	.02	.02	.65				.01						.13						.10	.03	.08	.40	.12		.82							2.38
Dardanelle ²	Arkansas..		.10	.09									.20						.16	.14		2.26	.18	.07	T.								3.20
De Queen	Red	5.70	.55																	3.44	.48	.55	.01										10.73
Des Arc ²	White		.15	.05				T.	.24					.82				.13	.54			.07	T.		.33							.05	2.38
Devils Knob †	Arkansas..	.12	.09																2.30	.66	.20	.02	.13	.12									3.64
Dumas	Mississippi	1.80	3.15			.02	.40	.82	.01		T.	T.	.55	.18	.25	.02	.02	.01	.20		.45	.73	.05								.11	T.	8.77
El Dorado ²	Ouachita..	.45	1.75	1.60	.04			.03	.07	.05				2.12	.25	.09				.10		.72											7.27
England	Arkansas..	.34	.48				T.	.30	T			.05	.30	T.		.03	T.		.12	.02	.62	.18											2.44
Eureka Springs	White	.02															.92		.38	2.50		.45	1.10	.87									6.24
Fayetteville	White	T.	.09	T.									T.				T		.02	.37	T	T	.17	.04									0.69
Fayetteville Exp. S	White	T.	T.										.01				.02		.02	.44	.01	T.	.22	.18								T.	0.90
Fordyce	Ouachita..																																....
Fort Smith ¹‡	Arkansas..	.54	.85	.07								.03	.01	T.					T.	.54	.18	.01	.18	.13						T.			2.54
Fort Smith W. †²	Arkansas			.16																	.11											.63	0.90
Fulton ²	Red	4.07	5.06	.35				.03												.63	.15	1.80	.37								.25		12.71
Georgetown	White		.10	.18				.10		.25			.05	.50				T	.30			.25	.20		.20							T.	2.13
Gilbert ²	White			.24														T.			.07	.44	.06	.07									0.88
Glenwood ²	Ouachita..	.41	.42	.36										.06						.11	.72		1.90										3.98
Grannis	Red	5.57	2.00					T					.04	.03	.02					1.18	T	.65	1.30										10.79
Gravette ²	Arkansas..												.04								.55			.68									1.27
Green Mountain †	White	.06	.12											.05			.10			.02	.02	.05	.09	.03							.13		0.67
Harrison	White	.10	.24										T.				T.		.01	.14	.24			.07	.01						.08		0.89
Heber Springs ²	White		.29	.89				T.						.17				.43	.01	.33	.16	.60	.12		T								3.00
Helena ²	Mississippi		1.19	1.71			.10	.18	.37	.03	T.	.07	.02	1.72	.01			.32				.30											6.02
Higden	White	.20	.22										.17				.95				1.09	.15									.07		2.85
Highland	Ouachita..	1.02	.80																	.97	1.63												4.42
Hope ‡‡²	Red	1.75	4.86	1.06	.03			T.	T.					T.	T.					T.	1.69	1.67	1.64								.07		12.77
Hot Springs	Ouachita..	.41	.13	.02							.06					.15	.43	.09	.82	.14	.04	1.42	.02										3.73
Index ‡²	Red	6.00	5.00	.50																.90	.95	.60											13.95
Irons Fork †‡‡²	Ouachita..	.46	.09	.07				.01					.84						.01	.07	1.45	.84	1.40										5.24
Jessieville	Ouachita..	.18	.52										.03	.06		.20			.70		.30	.98											2.97
Jonesboro ²	White		.04	.03					.02					.41				.05				.08	.16	T									0.79
Lead Hill	White	T.		.23									.02				.75			.48	.92		.03	.47									2.90
Little Rock ¹†	Arkansas..	.44	.17	.01			T.	.08	T.	T			.13	T.		T.	.06		.07	.45	.01	.15	.02	T.	.01								1.60
LittleRock Air'y ¹‡	Arkansas..	.26	.27				.02	.11	T.	T.			.12	.01			.04		T.	.06	.03	.14	T	.13									1.19
Lutherville †	Arkansas..	.11	.51																.34	.37	.06	.19			.09								1.67
Madison ²	St. Francis		1.00	.15	.05			.10	.35		T.			T		T.		.56				.45	T.										2.66
Magnolia	Red	2.90	.22					.50	.17						.17						1.72												5.68
Mammoth Spg ²	White			T										T.				.23		.06	.50	.28											1.07
Marianna	St. Francis	.06	2.48	.16			.10	1.35	1.05		.09						.62	.29			.03											.05	6.28
Marked Tree ²	St. Francis		T					.08	.05					.12		1.66	.17	.53				.04	.25	T.									2.90
Mena ²	Ouachita..	1.05	1.01	.18									.03	.17	.01			.03	2.21	1.18	1.13												7.00
Monticello Air ‡	Ouachita.	2.02	4.21	.03		T.	.09	1.20	.01				.57	.04	.43			.01	.46	.15	.61	.02								.45	T.	T.	10.30
Morrilton ²	Arkansas..		.16	.81				T.					.09	T.					T.	.19	.02	.08	.29										1.64
Mountainburg	Arkansas..	.06	.34										T.							.23		.02									.60		1.25
Mountain Home	White	.12	.08																		.80	.10	.10	.15									1.35
Mountain Valley	Ouachita..	.17	.12	.04			.04	T.					T.	.07	T.	.09	T	T.	.11		.13	1.14											1.96
Mount Ida	Ouachita..	.50	.11										.30	.06	T.			.20	.08	.15		.73	.13										2.26
Mount Ida CCC	Ouachita..	.54	.04	.01				T.					.09	.07					.57	.07	.23	.73	.07										2.42
Mulberry †²	Arkansas..		.12	.06															.10	.02	3.54		.12		.01								3.97
Nashville	Red	1.19	.81	.03										.01						2.72	.46	1.14	.01							T.			6.37
Newport ²	White		.21	.09					.13					1.53			.21	2.66						.14							.82		5.79
Oden	Ouachita..	.86	.06	T.										.52					.07	.62		.40	1.11										3.64
Okay	Red	2.36	1.50	.04																.60													4.50
Osceola ²	Mississippi		.02						.11	.04			.23	.14			.84	.39															1.77
Ozark ²	Arkansas..			.04									T				T.			.03	1.34	.16	.09		.14	T.							1.80

Daily Precipitation for July, 1940 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota
Paragould	St. Francis	.01	T.	.01	....	....	....	.01	....	....	....	....	T.	.11	....	....	....	....	....	....	T	.56	....	....	T.	....	....	....	....	....	.23	....	0.9
Parkin [2]	St. Francis	....	....	....	....	....	....	....	.45	....	....	....	....	.18	....	....	....	.25	....	....	....	.50	....	....	....	....	....	....	....	....	....	....	1.3
Pine Bluff [2]	Arkansas	.02	2.05	.98	.05	....	T	.15	.19	.01	....	....	.02	.32	.02	....	....	....	....	.58	....	.18	....	....	T.	....	....	....	....	....	....	....	4.5
Pine Ridge [2]	Ouachita	.90	.10	....	....	....	....	....	....	....	....	....	....	.68	....	....	....	.19	....	.87	....	.97	1.48	....	....	....	....	....	....	....	....	....	5.1
Pocahontas	White	....	.06	.09	....	....	....	....	....	....	....	....	.07	....	....	....	....	....	....	.14	....	.51	.05	.25	.04	....	....	....	....	....	.21	....	1.4
Portland [2]	Ouachita	.22	3.11	2.45	.02	....	.04	.54	.86	.10	....	.04	....	1.18	.40	.18	.06	....	1.38	....	.12	....	.26	....	....	....	....	....	....	....	.04	....	11.0
Prescott [2]	Ouachita	.98	3.20	.89	....	....	....	.01	.03	T.	....	....	....	.28	....	....	....	....	....	.01	.10	2.40	1.10	.01	....	....	....	....	....	....	....	....	9.0
Rogers (near) †	White	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	.34	1.12	.21	....	.34	.25	....	....	....	....	....	....	....	....	2.2
Rosebud †	Arkansas	.15	.21	....	....	....	....	....	....	....	....	....	.26	....	....	....	T	....	....	....	.91	.13	....	.07	....	....	....	....	....	....	....	....	1.7
Russellville ‡‡	Arkansas	.03	.28	T	....	....	....	....	....	....	....	....	.24	....	....	....	....	....	....	.31	1.15	.70	.21	.41	.43	....	....	....	....	....	....	....	3.7
St. Charles [2]	White	....	4.10	.50	....	....	.13	.25	.14	T.	.08	....	.50	.99	.37	....	....	.12	....	....	....	....	.73	....	....	....	....	....	....	....	....	....	7.9
St. Francis [2]	St. Francis	....	....	.06	....	....	....	T	....	.12	....	....	1.60	1.39	....	....	....	....	....	....	T.	....	1.31	.11	....	....	....	....	....	....	....	....	4.5
Searcy [2]	White	....	.07	.05	....	....	....	....	.11	....	....	....	....	.09	....	....	....	.35	.41	....	.03	.04	....	T.	.51	....	....	....	....	....	....	....	1.6
Spring Bank †[2]	Red	.61	4.33	.31	T	....	....	.12	T.	T.	....	....	....	....	T.	T.	....	....	.23	.12	.12	.65	T	T.	....	....	.10	....	....	....	T.	....	6.5
Story [2]	Ouachita	.48	.85	....	....	....	....	....	....	....	....	....	1.61	....	....	....	.10	....	.65	....	....	.12	....	.11	....	....	....	....	....	....	.63	....	4.4
Stuttgart [2]	Arkansas	.03	1.13	1.28	.04	....	.03	.21	.15	....	....	....	....	.12	20	.10	....	....	.80	.12	....	.10	....	....	....	....	....	....	....	....	....	....	4.3
Stuttgart ‡‡[2]	Arkansas	....	1.00	2.06	.06	....	T.	.46	16	T	....	.02	....	1.19	T.	....	....	.06	.12	....	....	.01	.02	....	....	....	....	....	....	....	....	....	5.1
Subiaco	Arkansas	T	.29	.02	....	....	....	....	....	....	....	....	75	T.	T.	....	....	....	.10	33	.30	....	.07	.04	T.	....	....	....	....	....	....	....	1.9
Texarkana [2]	Red	4.60	6.60	....	....	....	....	.05	....	....	....	....	....	T	....	....	....	....	....	.78	.35	2.03	....	....	....	....	....	....	....	....	....	....	14.4
Thornburg	Arkansas	.07	.81	.11	....	....	....	....	....	....	....	....	.68	.16	....	.07	....	....	....	T.	.09	.41	.45	....	....	....	....	....	....	....	....	....	2.8
Turnpike †	Arkansas	14	.21	.09	....	....	....	T	....	....	....	....	....	....	....	....	....	....	.20	.15	.10	....	.10	T	....	....	....	....	....	....	....	....	0.9
Wabash	Mississippi	.25	.80	1.60	....	....	.30	.50	.03	.43	05	.20	.27	.17	.01	....	.24	.04	....	....	.17	....	T.	....	....	....	....	....	....	....	....	.26	5.3
Waldron	Arkansas	.14	.10	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.27	.35	.03	....	....	....	....	....	....	....	....	....	....	....	0.9
Warren	Ouachita	2.03	6.38	.23	....	T.	.05	2.00	.10	....	....	T	.04	.83	1.50	....	....	....	.10	....	1.45	T.	.05	....	....	....	....	....	....	....	.03	T.	14.7
Whitecliffs [2]	Red	3.60	1.50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.11	.25	.60	....	....	....	....	....	....	....	....	....	....	7.0
White Rock †	Arkansas	.18	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	.45	....	.14	.05	.02	....	....	....	....	....	....	....	....	0.9
Wilson [2]	Mississippi	....	....	....	....	....	....	.03	....	....	....	.02	.02	....	....	....	....	....	....	.04	....	....	....	.32	....	....	....	....	....	....	....	....	0.4
Wright	Arkansas	.46	.35	.05	....	....	....	.23	....	....	....	....	....	.03	....	....	....	....	.31	....	.49	.31	....	....	....	....	....	....	....	....	....	....	2.3
Wynne [2]	St. Francis	.10	.28	....	....	....	....	.38	....	....	....	....	.10	....	....	.35	....	....	....	....	....	1.83	....	.50	....	....	....	....	....	....	....	.03	3.5

Daily Temperatures for July, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	83	73	82	82	81	77	76	82	90	92	93	90	77	86	86	91	92	88	87	84	83	91	93	93	93	93	93	94	95	96	95	87
	Minimum	66	68	69	63	64	65	65	68	65	67	67	69	60	67	69	68	71	70	70	67	68	69	71	72	74	71	71	74	72	73	71	68
Arkadelphia §§	Maximum	76	79	82	76	85	79	74	82	90	94	95	94	78	88	91	94	96	94	86	84	84	85	93	94	94	94	94	96	98	97	97	88
	Minimum	65	66	69	64	63	66	68	68	67	68	69	71	75	62	69	69	69	70	71	67	70	71	72	72	72	72	74	73	72	73	75	69
Batesville ***	Maximum	78	76	84	84	83	82	75	82	89	93	94	89	80	88	95	94	87	88	91	89	83	94	96	96	97	97	98	99	100	101	100	89
	Minimum	62	68	66	59	55	59	64	67	68	66	67	72	64	64	67	69	70	68	65	68	70	70	72	72	75	74	73	75	72	72	71	67
Bee Branch	Maximum	79	79	80	80	80	80	78	80	88	90	97	92	85	85	90	90	90	90	90	90	88	90	91	92	93	94	95	95	98	99	97	88
	Minimum	60	65	68	60	65	63	64	65	66	70	70	70	70	68	70	70	70	70	70	70	72	73	78	75	76	76	78	79	80	81	80	70
Benton §§	Maximum	77	77	82	83	84	75	76	84	90	91	94	88	75	88	90	93	93	86	88	87	86	91	92	93	93	92	92	94	96	95	95	87
	Minimum	53	67	67	57	56	56	65	67	64	64	65	65	63	63	67	66	66	67	67	67	62	62	68	69	70	70	70	71	69	69	70	65
Bentonville ***	Maximum	78	78	80	82	80	83	86	87	90	92	93	81	77	86	93	92	91	94	82	84	84	88	86	93	93	94	94	96	96	96	95	88
	Minimum	63	65	61	53	52	56	59	60	64	65	68	64	57	62	66	69	69	71	69	69	67	69	67	70	74	74	73	73	72	71	72	65
Blytheville	Maximum	84	83	82	82	83	80	74	77	86	90	92	82	78	90	93	88	92	88	91	90	91	94	97	97	97	97	98	100	101	100	100	89
	Minimum	61	71	68	58	57	63	64	66	65	67	70	64	63	75	73	69	67	63	65	68	70	73	74	75	76	75	74	74	74	76	75	68
Booneville	Maximum	82	76	83	81	84	83	81	88	91	95	96	93	81	89	92	96	97	94	84	85	85	92	93	93	94	92	93	96	98	100	99	89
	Minimum	68	67	68	58	54	59	64	65	64	64	66	70	66	65	66	70	69	70	72	66	68	74	71	72	71	70	72	72	70	71	72	67
Brinkley	Maximum	76	75	80	81	82	74	69	77	84	88	89	87	75	86	87	89	85	86	88	85	86	90	91	92	93	92	92	94	96	96	95	85
	Minimum	62	68	67	59	57	65	64	65	63	64	67	70	62	65	71	70	69	69	59	67	69	69	71	86	73	73	72	72	70	72	70	67
Camden	Maximum	78	74	77	77	76	79	74	81	79	92	97	95	83	86	92	93	98	92	87	88	92	101	97	96	96	94	95	99	102	100	101	89
	Minimum	63	70	69	63	61	67	67	68	66	68	68	72	65	69	70	69	73	70	70	79	69	72	73	73	73	74	74	74	73	71	73	70
Clover Bend	Maximum	83	82	81	81	83	83	78	83	91	96	100	89	88	88	92	98	91	89	90	89	94	92	94	94	98	95	96	98	97	98	92	90
	Minimum	61	69	68	60	58	61	65	63	67	83	67	74	65	61	67	68	72	67	61	61	76	69	73	72	74	73	71	70	70	70	70	67
Conway	Maximum	84	77	82	83	80	77	77	82	89	94	96	90	81	88	92	90	93	89	91	83	86	91	93	92	95	96	96	98	100	98	96	89
	Minimum	67	70	69	59	58	66	67	69	67	69	69	72	66	69	69	69	71	73	71	70	70	71	73	73	74	73	74	73	73	75	74	69
Corning	Maximum	84	86	84	85	85	87	77	81	89	93	95	80	82	90	95	89	91	89	93	90	87	94	93	96	98	98	100	100	102	102	102	90
	Minimum	61	65	65	55	55	58	65	68	65	66	68	69	62	58	61	69	67	61	60	68	70	70	74	73	76	74	74	73	72	75	72	66
Crossett	Maximum	82	77	82	80	80	78	76	77	90	93	93	94	85	89	91	93	95	92	93	89	89	94	97	95	95	94	96	97	95	95	93	89
	Minimum	69	69	69	65	66	67	67	67	66	65	66	68	69	69	67	66	69	67	69	69	71	70	67	71	71	71	71	71	72	69	70	68
Dardanelle	Maximum	86	76	85	85	88	82	80	87	90	95	96	95	84	89	94	95	95	95	89	85	85	94	95	95	95	95	96	98	99	100	99	91
	Minimum	69	70	70	60	57	63	68	69	65	76	79	76	72	73	77	78	79	80	78	69	70	76	78	75	75	75	75	75	73	75	74	72
De Queen	Maximum	80	81	83	82	85	85	82	87	90	94	95	90	84	88	91	95	95	95	81	85	89	93	93	94	93	92	93	94	96	95	96	89
	Minimum	67	70	69	64	60	67	68	68	66	68	69	70	69	70	69	70	70	72	69	67	68	74	74	73	73	74	75	75	73	72	75	69
Devils Knob	Maximum	75	71	76	76	78	72	74	80	84	88	87	85	75	81	88	88	89	86	77	76	77	83	82	86	86	87	87	89	90	91	91	82
	Minimum	63	64	62	57	59	61	61	62	65	70	68	68	57	62	66	69	70	67	67	66	65	67	69	72	71	71	70	72	71	73	74	66
Dumas	Maximum	80	75	80	80	79	76	72	78	88	93	93	95	76	86	92	93	93	92	92	87	92	95	98	98	98	98	98	100	99	98	98	89
	Minimum	67	70	70	63	63	63	68	68	67	69	70	70	67	69	72	70	71	73	67	70	71	72	75	73	73	75	75	75	75	71	74	70
El Dorado	Maximum	82	86	86	81	83	79	77	81	88	91	95	93	79	84	91	94	94	91	87	89	92	93	96	95	96	95	97	97	97	95	95	89
	Minimum	74	73	71	66	66	70	71	69	68	71	71	72	70	74	71	71	74	73	74	71	73	74	75	76	76	75	77	77	76	73	75	72
England	Maximum	85	75	82	82	82	78	73	80	87	91	97	94	85	89	90	96	92	90	90	90	90	97	99	97	95	96	97	99	99	97	97	90
	Minimum	67	70	68	59	67	66	65	66	64	65	70	70	63	67	70	70	71	70	67	69	70	70	72	72	72	73	72	71	70	71	80	68
Eureka Springs	Maximum	81	81	82	84	82	87	86	89	90	94	94	84	82	87	92	87	94	95	81	82	84	84	86	91	92	92	92	93	95	95	95	88
	Minimum	65	65	62	55	54	55	59	60	62	67	70	67	53	60	68	70	68	71	68	68	65	68	65	74	75	73	72	74	71	73	73	66
Fayetteville	Maximum	80	75	81	80	80	83	85	87	91	93	94	85	78	87	94	93	95	94	80	85	85	86	87	94	96	96	96	99	99	97	97	88
	Minimum	67	66	63	54	53	56	61	60	66	65	66	70	60	61	65	71	70	72	72	67	69	70	67	74	74	73	74	75	73	70	71	66
Fayetteville Exp. S	Maximum	80	77	84	80	79	83	85	85	91	92	93	88	75	81	94	94	95	95	80	84	85	86	87	93	94	94	95	96	96	96	95	88
	Minimum	67	66	63	53	54	56	61	59	63	64	66	69	59	59	63	70	69	73	70	67	67	70	67	74	75	73	75	75	73	71	69	66
Fort Smith ***	Maximum	77	80	83	79	85	86	86	91	90	96	98	89	84	90	94	95	97	94	79	85	82	92	94	95	96	97	96	99	101	100	99	90
	Minimum	69	69	69	63	61	64	66	67	68	71	72	72	69	69	72	75	74	75	73	70	70	75	74	76	76	75	76	76	75	75	76	71
Gilbert §§	Maximum	76	78	83	81	82	81	75	81	88	93	95	88	84	88	94	93	93	93	88	86	84	92	94	92	97	96	97	99	99	101	101	89
	Minimum	56	59	63	49	49	52	56	64	60	60	60	61	61	56	59	61	62	65	66	60	61	65	65	66	66	67	65	66	64	64	66	61
Grannis	Maximum	76	79	81	80	80	82	81	85	89	90	89	85	87	86	89	92	93	93	78	81	85	90	90	91	91	90	90	91	93	94	93	86
	Minimum	64	67	65	60	57	63	64	62	61	65	67	67	67	67	69	65	66	67	67	63	64	68	70	71	69	70	71	71	69	68	71	66
Gravette §§	Maximum	82	84	83	85	82	89	91	92	96	99	99	84	80	92	97	99	100	100	89	89	88	94	90	95	95	97	97	100	101	102	100	92
	Minimum	61	64	62	55	52	56	56	60	63	65	65	67	56	59	63	67	67	67	67	66	66	69	65	71	73	73	72	71	70	68	70	64
Green Mountain	Maximum	80	75	79	78	79	79	74	79	86	91	92	88	75	86	93	91	91	87	89	94	90	90	94	95	95	94	95	96	99	96	99	88
	Minimum	65	65	65	58	59	64	63	65	65	69	72	70	59	65	68	72	67	67	68	65	66	71	69	72	74	73	72	75	74	76	75	68
Harrison	Maximum	83	76	80	81	83	84	76	81	89	95	97	87	76	91	97	94	95	95	88	89	90	95	96	97	100	100	100	102	103	99	101	91
	Minimum	61	66	63	53	52	55	65	68	59	60	64	68	61	56	63	69	69	71	70	66	66	72	68	71	72	70	71	72	68	68	70	65
Helena	Maximum	79	76	80	79	79	76	72	77	83	84	87	86	76	84	84	90	87	83	88	87	87	89	92	92	91	91	92	95	95	96	94	85
	Minimum	66	68	68	61	62	66	60	65	67	67	69	69	64	68	70	70	69	68	66	68	70	74	72	74	73	75	75	75	73	74	73	69
Highland	Maximum	82	80	80	80	83	83	78	84	90	91	94	90	76	86	90	92	94	92	89	87	91	91	92	92	91	90	91	92	95	94	93	88
	Minimum	65	69	68	60	60	68	66	78	65	69	70	69	65	68	68	70	70	70	70	68	71	72	72	72	72	70	73	72	75	70	73	69
Hope §§ ‡‡	Maximum	74	80	80	81	82	81	74	83	91	93	95	90	74	88	91	93	94	89	81	89	86	93	94	94	94	92	94	95	98	96	95	88
	Minimum	67	67	69	62	62	65	65	68	65	68	69	72	67	67	70	70	72	71	73	67	70	71	74	75	74	74	74	75	72	72	73	69
Hot Springs	Maximum	75	75	80	75	80	78	74	80	96	89	92	88	78	85	89	90	93	89	86	84	81	90	92	93	93	93	93	95	96	96	96	86
	Minimum	69	68	70	61	59	61	59	66	65	62	68	72	64	69	70	70	70	70	69	67	70	70	72	73	73	72	73	73	73	73	72	68

Daily Temperatures for July, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	75	75	80	77	82	81	76	84	87	90	92	87	75	85	88	89	92	93	76	78	84	89	90	90	90	89	90	91	93	95	94	85.7
	Minimum	63	63	67	51	51	57	61	59	55	61	59	66	62	64	60	61	61	63	66	59	64	67	69	65	66	73	73	74	66	71	67	63.4
Jonesboro	Maximum	82	80	83	82	84	82	75	81	87	91	97	89	79	86	92	92	88	88	92	91	92	94	96	98	97	97	98	100	99	100	101	90.1
	Minimum	61	68	67	58	61	63	62	65	64	65	67	68	61	62	70	70	68	65	62	67	69	70	74	74	75	74	72	73	73	74	73	67.6
Lead Hill..........	Maximum	80	82	84	84	84	85	83	83	89	94	95	84	80	89	95	91	92	92	86	86	89	92	90	94	96	95	96	98	99	99	100	89.9
	Minimum	60	63	59	48	49	52	62	69	57	62	63	67	62	54	61	66	68	70	71	68	65	72	67	70	70	68	68	67	67	67	69	63.9
Little Rock..* **	Maximum	80	73	81	80	82	72	73	79	85	91	93	86	74	85	88	89	89	86	88	85	83	90	91	93	93	92	92	94	96	95	95	86.2
	Minimum	69	71	69	65	64	68	66	68	69	71	72	68	64	70	72	72	72	73	71	71	71	73	75	75	75	75	76	75	78	78	76	71.4
Little Rock.....*** [Airway]	Maximum	80	75	82	82	84	73	73	82	86	92	94	86	75	88	90	94	91	88	90	86	85	91	95	95	96	94	94	96	97	98	96	88.0
	Minimum	68	71	68	63	62	68	66	68	66	67	69	67	64	70	71	71	72	72	69	69	70	71	73	72	76	75	75	73	74	74	74	69.9
Lutherville........	Maximum	75	77	81	81	83	80	77	82	88	92	93	88	80	88	92	92	93	91	85	81	90	92	91	93	93	93	94	95	98	100	99	88.2
	Minimum	67	68	69	60	58	64	65	65	64	69	67	71	65	64	68	70	71	73	70	72	68	72	71	73	72	72	73	73	71	73	73	68.7
Magnolia..........	Maximum	88	85	84	85	85	91	84	84	91	92	95	92	91	82	90	93	94	95	92	83	90	93	94	96	96	95	95	97	99	98	98	91.2
	Minimum	69	70	70	65	65	70	65	65	68	69	71	73	69	70	70	70	72	73	73	71	70	73	75	75	74	75	75	75	73	71	73	70.9
Mammoth Spring.	Maximum	81	85	84	85	85	85	77	86	90	94	95	83	81	90	96	93	88	85	91	87	84	94	93	95	97	96	98	98	99	100	100	90.2
	Minimum	56	63	62	54	51	54	67	63	66	63	65	67	64	55	63	63	68	64	63	61	67	75	70	71	72	71	69	69	69	70	70	64.7
Marianna.........	Maximum	79	77	79	83	83	78	73	78	85	86	90	88	78	86	86	90	87	88	88	86	88	91	95	95	93	93	94	96	96	95	96	87.1
	Minimum	65	70	70	61	61	67	66	67	67	68	71	74	66	67	73	72	70	69	65	69	71	75	73	75	75	77	76	75	74	76	73	70.3
Marked Tree....§§	Maximum	81	80	84	84	87	78	76	82	88	91	92	90	80	88	91	93	90	90	90	75	90	92	94	95	94	95	95	97	97	99	98	88.9
	Minimum	59	69	68	58	59	64	63	64	64	65	67	68	62	62	67	68	66	52	53	63	63	70	71	71	72	71	71	72	72	72	72	65.7
Mena..............	Maximum	75	78	80	78	83	81	78	86	91	94	95	88	77	88	90	93	95	94	76	77	86	92	92	93	93	92	93	95	96	98	96	87.8
	Minimum	65	68	68	59	57	61	66	64	62	65	67	68	64	68	69	69	69	69	65	67	69	69	73	73	72	73	74	74	72	70	71	67.7
Monticello......* **	Maximum	76	77	80	80	81	76	71	75	87	91	92	92	76	83	90	92	93	90	90	89	91	93	95	94	94	93	94	97	96	95	94	87.6
	Minimum	69	68	69	65	64	68	68	67	66	67	69	69	67	70	69	69	71	70	70	69	69	72	72	75	74	74	75	75	71	71	75	69.9
Morrilton ....§§	Maximum	83	78	83	82	83	80	78	84	91	95	97	90	80	88	92	94	94	89	91	86	82	93	95	96	95	95	98	98	99	99	98	89.9
	Minimum	68	69	69	55	56	63	66	67	64	68	67	71	66	67	68	69	71	73	71	69	69	71	73	73	73	74	74	72	70	72	70	68.6
Mountain Home...	Maximum	77	79	85	85	86	85	83	84	90	96	96	84	84	89	97	95	93	92	93	86	86	92	94	96	97	96	98	100	102	101	102	91.1
	Minimum	60	64	63	55	65	56	63	67	62	63	64	65	61	56	64	65	68	69	66	65	65	71	67	71	71	70	70	69	68	70	70	65.3
Mt. Ida............	Maximum	77	80	81	81	83	82	77	83	91	95	96	94	76	88	91	97	96	84	85	84	91	94	94	94	93	94	95	98	99	98	97	89.3
	Minimum	61	68	67	52	52	60	67	65	59	61	63	70	65	67	63	64	67	71	64	66	70	69	67	69	72	74	72	66	69	69	67	65.7
Nashville..........	Maximum	76	85	82	80	82	81	78	82	90	91	92	89	77	88	90	92	94	93	83	85	87	92	92	93	92	92	93	93	96	95	94	88.0
	Minimum	67	71	61	65	65	70	68	68	66	69	71	70	67	70	72	70	70	70	70	68	70	74	74	73	76	77	76	75	74	74	76	70.5
Newport...........	Maximum	78	79	85	85	85	81	77	83	89	95	98	90	86	87	90	92	86	87	90	90	88	97	93	95	95	96	95	97	99	100	98	89.9
	Minimum	60	69	68	60	58	62	66	67	68	65	68	71	64	60	70	68	69	70	64	67	71	71	75	73	75	74	73	73	72	75	72	68.3
Oden......... ..***	Maximum	76	78	82	82	83	81	79	85	88	93	93	90	76	89	90	92	96	92	81	82	84	91	92	92	92	91	92	94	96	98	96	87.9
	Minimum	67	69	64	59	58	63	65	65	62	65	66	70	65	68	67	68	69	69	66	65	67	70	71	70	71	72	73	73	70	71	70	67.4
Okay	Maximum	83	82	83	83	85	83	80	82	89	91	95	93	89	89	91	93	94	94	87	90	91	91	94	94	93	93	93	95	96	96	96	89.9
	Minimum	67	70	71	64	61	68	68	68	65	68	69	70	69	69	73	69	71	72	73	72	68	69	73	74	74	75	74	74	72	71	74	70.2
Ozark............	Maximum	86	79	86	84	86	84	84	91	91	95	96	93	86	89	96	98	98	95	82	85	84	93	87	95	95	97	95	97	99	100	99	91.1
	Minimum	69	69	68	60	57	60	65	64	66	67	67	65	68	66	69	71	70	74	80	70	70	74	72	74	73	73	73	73	73	73	72	69.2
Paragould....... .	Maximum	86	82	83	82	83	84	75	80	87	91	94	81	78	90	92	92	87	88	90	90	90	92	95	95	96	95	97	98	98	99	98	89.3
	Minimum	60	70	66	59	58	60	63	66	65	65	66	70	62	59	69	67	70	..	..	..	69	71	71	74	76	74	72	70	72	74	72	67.5
Pine Bluff.........	Maximum	79	76	80	81	81	79	72	78	84	88	88	90	74	85	89	91	90	86	89	87	88	91	92	93	93	92	93	95	97	96	93	86.8
	Minimum	69	70	69	62	64	69	69	68	68	69	72	72	65	72	71	73	73	73	72	72	72	74	75	75	75	77	77	77	77	74	76	71.6
Pocahontas	Maximum	85	87	83	84	85	85	82	83	88	92	99	90	82	89	95	91	89	87	91	90	88	93	94	97	96	96	97	99	100	100	100	90.9
	Minimum	60	64	66	57	57	60	63	65	64	65	66	72	63	59	66	67	66	64	62	64	67	69	72	71	74	70	70	68	69	72	71	65.9
Portland	Maximum	81	75	81	82	81	78	75	77	85	88	90	87	80	90	87	91	92	88	88	89	91	94	95	94	95	94	94	97	95	94	93	87.8
	Minimum	66	65	66	62	63	65	64	66	67	66	66	67	67	67	68	66	70	67	68	67	71	70	69	71	71	71	71	71	72	69	72	67.8
Prescott............	Maximum	86	81	83	81	85	83	80	85	91	94	97	96	89	90	94	95	97	94	86	88	85	95	96	96	96	96	96	97	99	98	97	91.2
	Minimum	68	70	70	63	63	68	68	69	67	69	70	74	67	70	71	71	73	72	73	68	71	72	74	74	74	75	76	75	74	73	75	70.9
Rogers	Maximum	78	78	79	81	81	81	85	86	89	93	94	84	76	87	93	91	96	95	82	83	84	85	84	91	92	94	94	95	96	96	95	87.7
	Minimum	63	65	64	52	51	54	58	59	62	64	65	63	59	58	62	66	68	69	69	67	66	69	66	71	72	73	73	73	71	68	70	64.8
Russellville......‡‡	Maximum	75	78	83	84	84	84	77	84	90	94	95	94	81	87	93	93	93	91	90	89	82	92	92	88	93	94	94	95	98	96	..	88.8
	Minimum	70	70	71	60	57	62	68	62	65	66	68	78	67	67	69	72	71	73	70	69	69	72	73	73	73	72	73	72	72	74	79	69.6
St. Charles ......§§	Maximum	84	78	78	82	83	81	74	72	79	87	90	90	91	80	88	89	90	91	89	90	88	91	92	94	94	94	93	95	96	97	96	87.6
	Minimum	65	68	68	60	60	66	66	66	66	67	70	70	64	64	70	71	69	71	65	68	71	72	73	73	73	74	74	73	74	74	73	69.0
Searcy	Maximum	84	80	85	85	86	82	77	81	89	95	96	89	80	90	93	96	90	90	91	90	88	93	93	96	95	95	96	97	99	101	99	90.4
	Minimum	64	70	70	61	60	69	65	67	67	67	69	73	64	66	69	69	70	69	66	69	71	71	73	72	73	73	73	72	72	75	72	69.1
Stuttgart	Maximum	80	75	82	83	82	75	72	77	86	92	93	93	75	86	90	94	90	89	91	89	90	94	95	95	95	95	95	97	97	98	96	88.4
	Minimum	67	69	69	61	61	67	66	66	66	68	71	71	64	69	71	71	70	69	66	69	71	71	73	73	72	74	74	74	75	73	74	69.5
Stuttgart . ....‡‡§§	Maximum	77	76	81	81	80	74	71	78	86	90	90	92	78	86	88	90	89	88	89	87	88	91	93	93	93	93	93	94	95	95	94	86.9
	Minimum	68	69	69	61	62	66	66	67	74	69	71	72	64	65	71	72	71	71	66	70	72	73	73	74	73	75	75	75	76	74	74	70.3
Subiaco	Maximum	80	79	85	84	86	83	84	88	93	97	97	91	82	90	95	95	98	94	83	85	86	93	96	95	98	97	99	100	102	101	103	91.6
	Minimum	71	68	68	59	59	63	67	66	66	67	67	72	66	68	68	76	70	72	72	66	69	72	73	73	74	74	78	73	72	74	72	69.5
Texarkana	Maximum	79	82	82	81	84	84	80	82	90	92	96	90	86	87	92	93	95	93	86	88	91	93	95	95	94	93	95	95	96	95	95	89.6
	Minimum	68	69	69	65	62	70	68	69	68	70	71	72	69	70	70	71	71	72	72	70	69	72	76	75	75	75	75	75	76	72	75	71.0
Thornburg	Maximum	80	75	84	84	85	73	74	83	91	94	96	91	78	88	88	93	94	90	87	83	83	83	91	93	93	92	94	94	98	98	97	88.0
	Minimum	62	66	67	49	49	58	65	67	60	61	57	69	64	64	64	66	66	69	68	65	65	68	70	70	70	70	70	72	66	68	66	64.9
Turnpike..........	Maximum	71	71	75	75	79	75	72	76	82	85	86	82	72	80	84	86	87	85	79	78	74	81	86	87	86	86	87	89	90	92	91	81.6
	Minimum	62	63	62	55	58	59	59	61	63	67	71	61	57	60	66	70	67	68	66	64	65	66	70	70	70	69	69	71	71	71	70	65.2
Waldron	Maximum	82	79	84	82	85	..	85	88	92	95	97	95	..	90	93	..	99	96	..	..	..	..	..	..	97	95	96	98	100	100	98	92.1
	Minimum	67	68	80	56	53	..	58	63	62	64	66	70	..	66	65	68	67	70	71	65	67	68	71	71	72	72	76	75	70	71	69	67.6
Warren	Maximum	85	80	80	80	82	75	79	76	88	91	90	91	78	84	89	91	93	90	90	88	92	93	94	93	95	94	95	96	97	96	96	88.4
	Minimum	68	66	70	60	63	65	67	67	66	76	70	70	66	69	69	69	73	70	70	69	70	72	74	75	74	72	75	75	75	71	74	70.0
White Rock	Maximum	72	75	76	78	78	80	80	82	84	88	84	82	80	81	88	90	91	86	77	79	78	83	84	89	89	90	89	91	92	94	..	83.7
	Minimum	65	64	63	58	61	62	61	63	64	69	69	71	60	64	67	71	71	71	61	66	64	68	70	72	72	81	73	81	72	73	..	67.6
Wilson	Maximum	87	86	83	83	87	83	76	81	92	90	93	90	82	87	90	89	89	90	90	86	90	91	93	94	93	95	95	98	98	99	98	89.3
	Minimum	60	70	68	58	58	65	63	57	64	66	67	68	63	62	72	67	60	61	63	62	70	69	72	74	75	74	74	74	72	74	74	67.0
Wynne	Maximum	78	82	85	84	85	80	79	86	87	90	90	90	79	90	99	91	90	90	90	89	90	91	93	95	94	95	94	96	99	99	97	89.6
	Minimum	60	68	67	60	61	65	63	68	64	63	68	71	62	63	71	69	68	65	68	67	70	69	72	71	73	74	73	73	72	73	71	67.8

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for July, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.400	....	....	....	.272	.179	*	.218	.110	.232	.278	.309	.272	.079	.133	.298	.320	.299	.092	....	....	....	.210	.287	.282	290	.290	.270	.272	.298	.271	7.392
	Mean tem.	70	74	74	72	72	73	70	76	78	80	82	81	68	78	80	82	86	80	77	78	78	82	84	84	82	84	84	85	85	84	84	79.0
	Wind move	32	54	34	77	54	36	60	54	30	15	19	30	55	40	20	45	47	31	18	24	27	20	33	22	36	39	38	37	25	24	4	1080
Irons Fork,.. §§ Exp. Forest	Evap.	.127	.033	.017	.172	.138	....	.126	.049	.140	.126	.146	.151	.176	.061	.146	.168	.203	.180	.087	061	.091	.064	.155	.178	.223	.182	.229	.208	.218	.194	.203	4.394
	Mean tem.	69	69	64	64	66	69	68	72	71	76	76	76	68	74	74	75	76	78	71	68	74	78	78	77	78	81	82	82	79	84	80	74.6
	Wind move	18	6	13	14	9	6	7	3	5	3	3	6	12	6	5	10	10	5	6	4	12	11	10	13	14	26	25	27	11	3	4	307
Russellville.... Ozark Nursery.	Evap.	.154	.050	.126	.408	.094	.204	.138	.116	.202	.356	.096	328	.306	022	.010	.452	300	.238	.372	.350	.296	.122	.320	.162	.316	.064	.434	398	.102	.430	.428	7.394
	Mean tem.	72	74	77	72	70	74	72	73	78	80	82	86	74	77	81	82	82	82	80	79	76	82	82	80	83	83	84	84	85	85	....	79.2
	Wind move	10	27	55	69	22	19	12	13	10	8	18	2	50	21	7	4	15	12	10	14	26	9	17	9	7	36	21	11	14	11	23	582
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.191	.060	....	.168	.247	.130	.024	*	.043	.128	.215	.241	.288	....	.153	.131	.240	.084	.198	.144	.227	.109	.240	.250	.259	.247	.248	.239	.233	.196	.239	5.529
	Mean tem.	72	72	75	71	71	70	68	72	80	80	80	82	72	76	80	81	80	80	78	68	80	82	83	84	83	84	84	84	86	84	84	78.6
	Wind move	25	59	34	72	49	47	71	50	32	3	14	48	48	25	40	27	37	21	11	36	42	26	44	39	55	46	48	39	24	10	14	1136

Daily Precipitation for July, 1940 Hydrologic Stations

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alicia[1]	White																																
Antoine(near)[2]	Ouachita	*	*	4.70									.40								.30	*	3.00										8.40
Beaty Lake(near)	St. Francis																																
Beedeville[2]	White		.52					T.	.28				.07						.04				.05	.03		T.						.30		1.29
Blue Mountain[2]	Arkansas			.60											.45						.36	.24		.50												2.15
Briggsville[1]	Arkansas	.28	.25						.02				.15	.87						2.01			*	.61											4.19
Cabot[2]	Arkansas	.20	.30				.10	.10															.20		.10									1.00
Carlisle[2]	Arkansas		.20	.42				.15	.12					T.				.26		.52		.82			.15									2.64
Carpenter Dam[1]	Ouachita	.30	.14	.02															.10	.48	.21	.19	.76											2.20
Centerville(near)[3]	Arkansas	10.01																		1.88		.54											.82	13.25
Clarksville[1]	Arkansas																																
Compton[1]	White	.05																		.53	.70	1.29	.05	.09											2.71
Denmark[2]	White		.19	.03			.01		.01						.20				.27				.46		T.										1.17
Dermott[2]	Mississippi	*	3.42	1.21	.05		.13	.10	.77			.05	.08	.92	.07	.04			.17	.56	2.25	.36	.10									.02		10.30
Eleven Point[2]	White													.19				.23					.46			.19							1.07
Enders(near)[2]	Arkansas		.46											.09				.30			.47		1.58		.36	.21					.20		3.67
Evening Shade[2]	White		.03					.03						.31				2.40			.03	1.83	.68		.22	.02						.01	5.56
Foreman[1]	Red																																
Forrest City[1]	St. Francis																																
Greenbrier[1]	Arkansas	.38	.12										.56				.11		.26		.81	.41									.11			2.76
Green Forest[2]	White																			.70	*	*	*	3.10											3.80
Greenwood[2]	Arkansas	T.	.34	.97																T.	.40		T												1.71
Hardy[1]	White																		.10		1.36	.59		.23										2.28
Harrisburg[2]	St. Francis							*	.01				.22	.28				.30				.05	.11								08		1.05
Huntsville[2]	White		.03														01		.32	1.10	5.25													6.71
Jacksonville[2]	Arkansas	.44	.11				.14						.29								.12	.23		.15									1.48
LaCrosse[2]	White		.81	.02																	*	.99				1.09								2.91
Lake City[2]	St. Francis		T.					.05		T.			.09	.50				.48				T	T	.06									1.18
Marvell[2]	White		2.11	.40			.20	.28	.55	.19		.90			.30			.40			.30	.60	.17											6.40
Mountain View[2]	White		.12	.19																T.		1.46			.04	.15	.02						1.98
Newhope(near)[2]	Ouachita	.60		2.60										.54						.55	.80													5.09
Nimrod[2]	Arkansas		.55										.05						.06	.07		.71	.09		.02								1.55
Odell (near)	Arkansas	.05	.04										.05							.06														0.20
Parthenon[2]	White		.94																.27	.64														1.85
Pottsville[3]	Arkansas																																
Quitman[2]	Arkansas		.37											.55			.28				.44		.70		.36							1.80	4.50
St. Paul[2]	White																			2.18	.50	.10	.21	.02	.02								3.03
Shirley[2]	White	T.	.22	.05				T.						.32						.14	.50	.74	T		T.								.39	2.36
Solgahachie[2]	Arkansas																																
Sparkman[2]	Ouachita	1.20	1.03	1.78	.05			07	.11					.26					.05	.80	.22		1.06								T.		6.63
Tichnor[2]	White	.07	3.94	.58			.09	.35	.49	T.		.19		.90	.02	.21	.39			.03		.02	.40											7.68
Vick[2]	Ouachita		2.30		.73				2.30					2.28					T.		2.40													10.01
Wheeling[1]	White												.17				1.32				.03	.19		.26										
Winfrey[1]	Arkansas		.06																		.06		.02											0.14

Daily River Stages for July, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.0	8.3	7.3	6.3	9.4	9.4	8.6	9.2	8.3	7.5	7.6	7.7	6.8	6.8	6.8	6.9	6.6	6.0	5.7	5.2	5.2	6.7	9.5	8.7	7.3	6.9	7.8	7.8	6.4	5.8	5.3
Van Buren	do	22	6.8	7.3	6.2	5.2	7.9	8.7	7.6	8.2	7.4	6.3	6.4	6.2	5.4	5.5	5.5	5.5	5.2	4.6	4.2	3.9	3.8	5.0	8.2	7.6	6.2	5.9	6.4	6.7	5.2	4.4	4.1
Mulberry	Mulberry	..	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9
Danville	Petit Jean	20	3.7	3.2	3.1	3.3	3.2	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.8	3.3	3.2	3.1	2.9	2.8	5.2	10.8	5.4	4.0	3.7	3.3	3.1	3.0	2.9	2.9	2.8	2.8
Ozark	Arkansas	22	1.9	3.0	3.0	2.0	1.7	4.5	3.9	3.5	2.8	2.8	2.1	2.4	2.0	1.4	1.6	1.6	1.6	1.3	0.8	0.6	0.3	0.3	1.9	4.1	3.0	2.0	1.2	2.6	1.3	1.2	0.7
Dardanelle	do	22	3.9	4.5	4.9	5.9	4.8	4.4	7.6	8.0	6.6	6.8	5.8	5.1	5.2	4.8	4.2	4.2	4.3	4.2	3.8	3.4	3.1	2.6	2.5	4.6	7.0	6.0	4.8	4.5	5.3	5.2	3.9
Morrilton	do	20	-0.4	-0.3	1.0	3.0	1.3	0.3	1.9	3.6	2.6	2.7	2.4	1.4	0.8	0.8	0.2	-0.2	-0.2	1.0	-0.2	-0.7	-0.9	-1.0	-1.4	-1.3	1.8	2.6	1.4	0.2	0.5	0.2	0.4
Little Rock	do	23	1.1	1.2	1.2	2.0	2.8	2.3	1.6	2.7	4.0	3.5	3.4	3.1	2.4	2.1	2.0	1.6	1.2	1.2	1.4	1.2	1.0	1.2	0.9	0.5	0.5	2.6	3.3	2.4	1.6	1.7	2.1
Pine Bluff	do	25	4.1	4.4	4.4	4.4	5.4	5.8	5.3	4.9	5.9	6.9	6.4	6.4	6.1	5.5	5.3	5.1	4.8	4.5	4.5	4.6	4.4	4.2	4.3	4.2	3.9	3.9	5.7	6.0	5.4	4.8	4.8
Gilbert	Buffalo	30	4.3	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9
Doniphan, Mo.	Current	10	3.5	3.4	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.4	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9
Black Rock	Black	14	2.7	2.5	2.3	2.3	2.2	2.2	2.1	2.1	2.1	1.9	1.9	1.8	2.0	2.2	1.9	1.8	1.8	1.7	1.7	1.6	1.6	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.4	1.4	1.4
Heber Springs	Little Red	30	3.0	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.2	2.1	2.2	2.2	2.5	2.6	2.6	2.7	2.6	2.5	2.4	2.3	2.2
Ozark Beach Mo	White	30	5.8	4.6	0.6	-0.6	4.3	0.0	-0.6	-0.6	0.6	-0.6	-0.6	0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	3.0	4.4	2.6	-0.6	0.7	-0.6	-0.6	0.6	-0.6
Cotter	do	21	2.0	5.0	5.4	4.5	3.2	2.1	3.3	3.0	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.3	1.2	2.0	2.0	1.9	4.3	4.9	4.8	3.8	3.2	3.0	2.0	2.0
Calico Rock	do	18	1.6	0.9	3.9	3.0	1.7	1.3	1.8	1.3	0.9	1.4	0.4	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	0.2	0.0	0.6	0.5	2.7	3.0	2.2	1.1	1.0	0.8	0.1
Batesville	do	23	5.9	6.2	5.8	8.6	7.8	6.6	6.2	6.6	6.0	5.7	5.2	5.1	5.1	5.0	4.8	4.7	4.8	4.7	4.6	4.7	4.8	4.8	4.7	5.0	5.2	6.6	7.8	7.0	5.8	5.6	5.4
Newport	do	26	2.7	2.4	2.1	2.7	3.8	3.2	2.3	1.8	2.0	1.7	1.2	1.0	0.9	0.9	0.9	0.8	0.8	0.6	0.5	0.4	0.4	0.4	0.8	0.7	0.8	1.1	2.5	2.4	2.0	1.2	0.9
Georgetown	do	21	2.5	2.6	2.9	3.2	3.4	4.0	4.2	4.0	3.5	3.0	2.9	2.7	2.3	2.7	1.9	1.8	1.7	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.2	1.3	1.5	2.5	2.9	3.0	2.7
Des Arc	do	24	6.8	6.8	7.5	7.8	7.7	8.0	8.5	8.6	8.2	7.8	7.3	7.2	6.9	6.6	6.4	6.2	6.0	6.2	6.0	5.8	5.7	5.6	5.5	5.4	5.3	5.6	5.7	6.0	6.7	7.2	7.1
Clarendon	do	26	9.5	9.3	9.6	9.9	10.1	10.1	10.4	10.7	10.8	10.7	10.3	9.9	9.7	9.4	9.1	8.9	8.8	8.6	8.5	8.4	8.3	8.1	7.9	7.8	7.7	7.8	7.8	7.9	8.2	8.8	9.2
St. Charles	do	25	10.2	10.5	10.9	10.9	10.9	10.9	10.9	11.1	11.3	11.2	11.0	10.7	11.0	10.7	10.3	10.0	9.7	9.5	9.3	9.2	9.0	8.9	8.7	8.6	8.4	8.4	8.4	8.5	8.6	8.9	9.2
Glenwood	Caddo	..	5.3	5.4	5.6	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.4	5.8	5.5	6.4	5.8	5.6	5.6	5.5	5.4	5.4	5.4	5.3	5.3
Arkadelphia	Ouachita	17	4.4	5.7	6.4	5.3	4.7	4.4	4.8	5.0	4.5	4.2	4.2	4.5	4.2	4.1	4.1	4.3	4.0	4.1	4.5	4.1	4.8	8.1	6.0	5.4	9.0	7.7	6.1	4.8	4.8	4.3	4.8
Boughton	Little Mo.	20	7.5	7.3	13.4	15.6	15.6	12.7	8.0	6.8	6.3	5.9	5.6	5.4	5.1	4.9	4.7	4.7	4.0	4.4	4.4	4.2	8.1	11.6	13.0	11.8	8.0	6.2	5.6	5.2	4.9	4.6	4.5
Camden	Ouachita	26	7.1	13.3	23.5	26.5	28.3	28.4	27.0	25.0	25.0	19.3	15.6	13.5	11.5	10.1	8.8	6.8	5.7	5.4	5.2	4.6	5.6	6.4	9.8	12.6	12.8	13.3	13.6	10.3	7.5	5.6	5.2
Benton	Saline	20	5.4	5.2	5.1	5.2	5.3	5.1	4.8	4.7	5.6	4.5	4.4	4.3	4.1	4.1	4.1	4.3	4.3	4.2	4.1	4.2	4.2	4.5	4.5	4.9	4.8	4.6	4.4	4.2	4.0	3.9	3.8
Whitecliffs	Little River	25	7.5	22.9	25.5	27.1	27.1	26.1	25.7	22.3	18.5	16.6	14.5	12.1	10.4	7.1	5.2	3.1	2.7	2.7	2.7	4.5	9.2	9.5	9.8	15.8	16.0	14.1	11.0	7.8	5.2	5.2	5.2
Index	Red	25	12.8	16.5	16.6	15.5	14.6	16.5	17.2	15.4	14.2	13.6	12.6	12.1	11.2	10.8	10.2	9.8	9.8	9.8	9.8	9.8	10.8	11.8	13.6	14.2	15.0	14.4	13.5	12.7	12.3	11.9	10.3
Fulton	do	25	11.8	17.5	19.4	19.4	19.0	20.2	22.3	21.3	19.8	18.5	16.9	15.2	13.2	11.3	10.1	9.5	9.3	8.9	8.3	8.3	9.6	11.9	13.2	14.9	16.1	16.0	14.7	13.2	12.0	11.2	10.1
Big Lake Outlet	St. Francis	10	4.9	5.0	5.2	5.2	5.1	4.9	4.8	4.8	4.7	4.6	4.6	4.5	4.7	4.8	5.1	5.5	5.9	5.8	5.6	5.3	5.2	5.0	4.9	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.4
St. Francis	do	18	6.9	5.8	4.8	5.4	5.1	4.9	4.6	4.3	3.9	3.7	3.6	4.7	6.7	8.9	6.8	4.3	3.9	3.7	3.6	3.5	3.5	4.5	5.7	4.8	3.7	3.3	2.9	2.0	2.0	2.4	2.6
St. Francis L.L.	do	..	18.1	18.0	18.1	18.1	18.0	18.0	18.0	17.9	17.9	17.7	17.6	17.4	17.3	17.2	17.1	17.1	18.0	18.6	19.0	19.2	18.9	18.6	18.4	18.1	17.9	17.6	17.2	16.9	16.6	16.2	16.5
Marked Tree	do	17	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.3	4.5	4.2	4.5	4.6	5.6	5.7	5.5	5.5	5.5	5.5	5.2	5.0	4.8	4.3	4.0
Parkin	do	28	5.3	5.3	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.6	4.3	4.3	4.3	4.8	5.0	5.0	5.0	4.9	4.7	4.6	4.6	4.5	4.4
Madison	do	32	3.8	3.7	3.6	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.0	3.0	3.0	3.0	2.9	2.8	2.6	2.6	2.6	3.0	3.1	3.1	3.1	3.0	2.9	2.8	2.7	2.6
Helena	Mississippi	42	16.2	17.1	17.6	17.6	17.2	16.8	16.6	16.6	16.7	16.6	16.1	15.4	14.9	14.7	14.7	14.4	13.3	11.8	11.1	11.0	11.3	11.6	11.8	11.7	11.1	10.1	9.0	8.0	7.3	6.7	6.7
Arkansas City	do	42	12.2	12.5	13.3	13.8	13.9	13.7	13.4	13.3	13.1	13.1	13.1	13.0	12.5	12.1	11.8	11.5	11.3	10.5	9.3	8.1	7.7	7.6	7.8	8.0	8.0	7.6	6.9	5.9	5.2	4.6	4.0

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year perio for stations with 10 to 14 years the means for the period of record are used §Also on other dates **Not used in means and summaries ‡‡Evaporation station. †Po office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation r corded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning: amou recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage *Included in the next measurement. T. Trace, or precipitation le than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla Boughton, Route 4, Prescott; Clove Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana: Irons Fork, Experiment Forest, Men Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover White Rock, Cass. Mulberry, R 1, Mulberr

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated ***Midnight to midnight. §§The mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No recor

Weather Bureau Office, Little Rock, Ark 8-20-40-1150

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

oL. XLV LITTLE ROCK, ARK., AUGUST, 1940 No. 8

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, ashington D. C.

GENERAL SUMMARY

The mean temperature for August, based on the reports of 2 stations, was 77.7°, which it 2.4° below the 50-year average. f the stations for which 35-year normals have been computed, l except Corning had negative departures. This was the ldest August since 1931, when the mean was 76.7°. The onthly means ranged from 73.2° at Irons Fork and Turnpike 80.6° at Dardanelle. Temperatures were slightly above the ormal most of the first part of the month, below the latter alf. The minimum readings on the morning of the 21st were cceptionally low for this early in the season. The highest mperature during the month was 104° at Gravette, in Benton ounty, on the 3d. The lowest temperature reported was 45° the 21st at Irons Fork, in Polk County and Thornburg in erry County.

The average for June, July and August was 77.1°, which as the lowest average for this three-month period since 1920, hich also had an average of 77.1°. Since 1891 there have en only four years that had a lower average for these three onths: 1891, 76.9°; 1903, 76.3°; 1906, 76.9°; 1915, 75.9°. two other years there was the same average, 77.1°, in 1904 d 1920.

The average precipitation, based on the reports of 107 sta- ons, was 4.96 inches, which is 1.40 inches above the 50-year erage. This was the wettest August since 1927. Monthly nounts ranged from 2.13 inches at Des Arc and Nashville to 40 inches at Black Rock. The greatest 24-hour rainfall was 22 inches at Mountainburg on the 17th. The average num- er of days with 0.01 or more rainfall was 9.

The scattered showers the first week and general showers the cond week were very beneficial to growth of crops. In the orthern and northeastern sections crops had been suffering om the hot, dry weather and the soaking rains were particu- rly helpful in these areas in reviving corn and cotton. Tem- eratures were unseasonably low on the 20th, 21st and 22d r best growth of crops, but during that week weather was vorable for farm work, and harvesting of hay and fruit made od progress. Soil moisture was adequate for pastures and ll gardens during the month. A very good tomato crop was arvested in the northwestern counties, and the grape crop was out two-thirds harvested at the close of the month. The eather was favorable for the growth of rice, and at the close of e month the Early Prolific variety was heading nicely and in ry good condition. The planting of late potatoes and fall uck continued during the last week. The harvesting of aches in the Nashville-Highland area was completed the iddle of the month.

A severe thunderstorm was reported in the Fayetteville vi- nity on the 27th. Lightning struck several places, but did tle damage. Wind, during the storm, did slight damage to ple orchards, and blew down a few small chicken houses.

O.D.N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmostpheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville..	29.96	30.20	19	29.69	27	5 2	19	s.	15	..	..	..	68
Fort Smith..	29.98	30.21	19	29.71	28	6.3	26	s.	9	83	57	56	67
Little Rock..	29.98	30.17	20	29.76	28	6.8	27	nw.	27	92	60	69	74
Memphis	29.97	30.14	31	29.89	28	6.0	25	sw.	8	91	58	67	79

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	.	1	1	2	..	..	..	..	1	3	3	3	..	..	1	..	3	2	.	2	1	[illegible]	[illegible]	..	..	1	..	..	8	1	1
Light hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Moderate hail .	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm .	27	28	19	7	3	11	4	4	3	2	7	4	4	4	7	4	19	11	..	..	[illegible]	[illegible]	..	..	..	19	29	10	11	1	6

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78 1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.73	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	3.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82 6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4.08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80 4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.43	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.0	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	43	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	8	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0.0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	12	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
1938	83.2	109	54	2.26	0.0	5	18	9	4
1939	80 2	107	49	2.50	0.0	6	16	11	4
1940	77.7	104	45	4.96	0.0	9	14	10	7
Period	80.1	120	39	3.56	0.0	6	16	10	5

Corrections

Corrections for July, 1940.---Blytheville, greatest 24-hour precipitation, 0.65 inch. Clover Bend, minimum temperature on the 10th, 63°., mean minimum 67.3°, monthly mean 78.8°. St. Charles, maximum temperatures should be moved up one day, on the first day 78°, on the 31st 96°, mean maximum, 88.0°, monthly mean 78.5°, highest 97° on 29th greatest daily range 25°. Wilson, departure from normal temperature, −2.6°. Wynne, departure from normal temperature, −2.4°.

Climatological Data for August, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	77.6		94	2§	52	21	30	6.46		1.32	0.0	10	8	20	3	e.	L. R. Water Works
Arkadelphia	Clark	200	45	77.8		96	14	53	21	33	5.19	+1.56	1.18	0.0	10	21	7	3	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56								6.40	+2.44	1.41	0.0	11	18	10	3		Herbert Neff
Batesville Airway	Independence	363	4	78.2	−0.8	100	1	52	21	33	6.24		2.88	0.0	7	1	16	14	se.	Airway Observer
Batesville	Independence	277	41								4.93	+0.52	2.34	0.0	8	17	8	6		Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48			98	1				3.85	−0.18	1.40	0.0	7	16	6	9	w.	J. E. Scanlan
Benton	Saline	285	5	76.2		96	13	50	21	34	6.25		1.76	0.0	9	20	8	3	se.	S. A. Burks
Bentonville	Benton	1295	35	75.1	−1.7	97	1	51	20	28	5.35	+1.29	1.65	0.0	13	6	15	10	s.	U. S. Weather Bureau
Bethesda	Independence	500	1								5.22			0.0	6					Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10								4.32		1.19	0.0	8	20	4	7		C. J. Brooks
Black Rock	Lawrence	259	39								9.40	+5.29	2.84	0.0	10	22	4	5	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	79.5	−0.1	99	1	54	21	32	5.67	+0.76	2.31	0.0	8	19	9	3	s.	Samuel Norris
Booneville (near)	Logan	465	26	77.8	−4.3	98	2	51	21	31	6.41	+2.33	2.83	0.0	12	9	18	4	e.	F. H. Randolph
Boughton †	Clark	235	5								7.29		3.04	0.0	10	12[a]	6[a]	12[a]		Harry J. Buie
Brinkley	Monroe	205	49	76.8	−3.6	94	1§	52	22	31	5.39	+1.72	1.36	0.0	11	10	15	6	se.	R. J. Torry
Calico Rock	Izard	361	36								6.01	+1.65	1.85	0.0	9	8	5	18		William Jones
Camden	Ouachita	116	55	79.0	−1.6	98	14	53	21	33	3.71	+0.43	1.25	0.0	14	11	9	11	sw.	J. M. Knight
Clarendon	Monroe	172	36								3.72	+0.04	1.48	0.0	9	18	6	7	n.	R. M. Wheatley
Clover Bend	Lawrence	235	..	78.2		95	2§	53	20§	31	5.73		1.50	0.0	8	6	23	2	s.	G. E. Tanner
Conway	Faulkner	309	57	79.4	−2.2	98	14§	53	20	38	4.26	+0.70	1.66	0.0	7	15	14	2	s.	E. E. Cordrey
Corning	Clay	293	47	78.9	+0.4	100	1	50	21	35	6.27	+1.98	1.41	0.0	10	18	10	3	s.	Winfred D. Polk
Cotter	Baxter	440	13								4.81	+1.39	1.60	0.0	6	14	12	5		O. B. McSpadden
Crossett (near)	Ashley	175	28	78.2	−3.8	97	14§	54	20	31	6.25	+2.93	2.83	0.0	9	18	5	8	s.	U. S. Forest Service
Danville	Yell	327	24								3.31	+0.73	1.66	0.0	14	7	17	7		J. M. Patterson
Dardanelle	Yell	330	54	80.6	−0.2	97	2§	56	20	31	5.22	+1.59	1.78	0.0	10	7	18	6	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	78.8		97	14	54	20	31	2.70		1.48	0.0	8	21	4	6	se.	E. B. Smith
Des Arc	Prairie	204	2								2.13		1.00	0.0	4	17	2	12		Z. R. Glenn
Devils Knob †	Johnson	2350	4	73.3		92	1	53	20	22	7.61		2.43	0.0	13	18	2	11	se.	U. S. Forest Service
Dumas	Desha	162	35	80.0	−1.5	99	14§	55	21	32	3.74	+0.15	1.57	0.0	8	6	22	3	n.	Ben Johnson
El Dorado	Union	270	40	79.8	−2.4	98	14	56	21	29	4.23	+1.23	1.10	0.0	9	14	12	5	sw.	Mrs. E. W. Gaston
England	Lonoke	229	34	78.7	−2.1	98	14§	53	21§	36	2.81	−0.83	1.45	0.0	8	8	18	5	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	75.4	−3.0	94	1§	49	21	31	5.72	+0.75	1.85	0.0	13	11	14	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	75.4		96	1	49	21	33	5.60		2.17	0.0	11	3	16	12	se.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	74.8	−3.4	97	1§	50	20§	30	5.71	+0.67	2.03	0.0	14	8	18	5	sw.	University of Arkansas
Fort Smith	Sebastian	448	59	78.9	−1.6	98	3	58	21	25	5.27	+1.99	2.62	0.0	9	8	15	8	e.	U. S. Weather Bureau
Fort Smith Wtr. P. †	Crawford	793	3								6.43		3.06	0.0	9	12	10	9		Ft. Smith Water Plant
Fulton	Hempstead	260	55								3.35	+0.15	1.27	0.0	8	17	3	11		T. J. Logan
Georgetown	Woodruff	200	28								3.98	+0.27	1.85	0.0	7	25	2	4		C. G. Long
Gilbert	Searcy	600	15	75.0		100	2	46	21	38	3.84	−0.04	1.22	0.0	6	22	0	9		F. E. King
Glenwood	Pike	547	5								2.54		0.87	0.0	9	16	5	10		C. A. Price
Grannis	Polk	950	21	75.9	−3.5	95	14§	51	21	31	6.25	+2.61	2.30	0.0	8	15	12	4	s.	W. E. McVay
Gravette	Benton	1250	43	75.6	−2.0	104	3	50	20§	37	8.42	+4.29	2.50	0.0	11	8	18	5	sw.	Max W. Schmidt
Green Mountain	Stone	1100	3	76.8		97	1	54	20	26	5.15		1.77	0.0	10	17	7	7	s.	U. S. Forest Service
Harrison	Boone	1052	40	76.6	−0.4	99	1	49	21	34	5.20	+1.17	2.06	0.0	12	16	11	4	ne.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11								7.22		1.85	0.0	9	14	13	4		Lester B. Logan
Helena	Phillips	300	68	77.8	−2.8	93	1§	57	20§	25	3.91	+0.09	1.80	0.0	13	12	5	14	ne.	James A. Burnett
Higden	Cleburne	445	21								4.78	+0.39	1.44	0.0	6	20	8	3	s.	Austin E. Cartwright
Highland	Pike	491	21	77.2		94	14	54	20§	29	3.73	−0.05	0.92	0.0	9	15	13	3	se.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	78.1	−4.5	96	14	54	21	33	5.32	+2.35	1.46	0.0	11	13	13	5	e.	Experiment Farm
Hot Springs	Garland	600	49	77.2	−3.9	94	14§	52	21	30	2.94	−0.88	1.50	0.0	9	16	13	2	s.	National Park Service
Index †	Little River	275	23								3.94	+0.65	0.95	0.0	8	22	0	9		W. E. McDowell
Irons Fork †‡	Polk	1385	2	73.2		93	1§	45	21	36	7.25		2.31	0.0	11	14	12	5	sw.	U. S. Forest Service
Jessieville	Garland	750	14								4.27	+0.75		0.0	..	4	20	7		U. S. Forest Service
Jonesboro	Craighead	345	45	78.6	−1.5	97	1§	53	22	32	5.61	+1.89	2.37	0.0	11	6	15	10	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	75.8	−3.0	100	1	47	21	35	7.45	+3.21	2.07	0.0	14	13	13	5	sw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	78.6	−1.2	94	1	58	21	25	3.55	−0.20	1.34	0.0	8	10	9	12	nw.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	78.6		96	1	55	22	30	3.38		1.62	0.0	8	10	9	12	ne.	W. B. Airport Station
Lutherville †	Johnson	775	42	77.3	−2.4	96	1	53	21	29	6.82	+2.97	2.05	0.0	9	12	12	7	se.	H. G. Lenhardt
Madison	St. Francis	209	10								4.54		1.80	0.0	9	6	8	17		J. W. Eppes
Magnolia	Columbia	315	24	79.6	−2.9	96	5§	54	21	33	4.86	+1.82	1.38	0.0	9	2	23	6	sw.	State Agri. School
Mammoth Spring	Fulton	600	36	77.1	−0.4	100	1	50	21§	34	8.10	+3.83	1.88	0.0	9	9	19	3	sw	Mrs. Johnnie Morton
Marianna	Lee	235	29	77.4	−2.6	95	2§	55	22	29	3.38	+0.12	1.22	0.0	9	16	13	2	s.	C. N. Houck
Marked Tree	Poinsett	229	36	77.6	−1.6	96	1§	54	22	38	3.90	+0.27	0.98	0.0	10	20	11	0	s.	Charles Walton
Mena	Polk	1207	52	77.6	−3.5	95	1	52	21	31	6.42	+2.08	2.03	0.0	11	15	8	8	sw.	E. W. St. John
Monticello Airway	Drew	273	4	78.8		95	14§	58	20§	26	3.01		1.12	0.0	11	13	8	10	e.	Airway Observer
Morrilton	Conway	315	21	77.8	−3.9	98	1	49	21	36	3.70	+0.10	1.79	0.0	8	8	17	6	ne.	Mrs. Nova Berry
Mountainburg	Crawford	712	3								6.34		4.22	0.0	9	16	7	8	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	77.2	−0.8	99	2	49	21	36	4.57	+0.29	1.55	0.0	8	15	3	13	sw	H. N. Halbert
Mountain Valley	Garland	788	3								4.72		1.72	0.0	9	14	12	5	sw.	J. G. Scott
Mount Ida	Montgomery	702	41	76.1	−3.3	97	1	46	21	37	6.12	+2.62	1.60	0.0	12	9	15	7	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1								5.05		0.97	0.0	13	16	10	5	ne.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2								4.52		1.24	0.0	10	16	8	7		Clifton Ward
Nashville	Howard	350	2	78.1		95	1§	56	20§	27	2.13		0.41	0.0	12	16	9	6	s.	H. B. Carruth
Newport	Jackson	231	57	79.2	−0.8	98	1	54	22	31	4.34	+0.42	2.44	0.0	11	10	20	1	n.	J. D. Henderson
Oden	Montgomery	800	13	77.5		94	1§	52	21	30	5.53		1.76	0.0	10	10	16	5	sw.	U. S. Forest Service
Okay	Howard	288	12	79.2		96	14	52	21	32	4.17		1.56	0.0	6	14	14	3	s.	Charles R. Jackson
Osceola	Mississippi	250	40								5.64		2.45	0.0	7	13	16	2		G. H. Banks
Ozark	Franklin	396	45	78.6	−3.1	99	6	53	21	30	4.73		1.33	0.0	8	16	3	12	e.	Orkney O. Milton
Paragould	Greene	275	17	77.8		95	1	53	22	29	5.44	+1.47	1.11	0.0	10	24	6	1	n.	J. E. Garrett
Parkin	Cross	222	10								4.34		1.22	0.0	7	21	2	8		Carroll King
Pine Bluff	Jefferson	215	53	79.8	−2.0	95	1§	58	22	27	2.53	−0.90	0.76	0.0	10	11	16	4	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16								5.02	+2.64	2.11	0.0	8	9	11	11	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	78.0	−1.4	98	1	54	20	34	6.95	+2.10	1.80	0.0	11	14	5	12	ne.	Benedictine Sisters
Portland	Ashley	122	34	77.5	−3.9	94	1§	55	20§	29	2.91	−0.30	0.78	0.0	11	10	17	4	nw.	W. E. Edmiston
Prescott	Nevada	318	52	79.6	−2.0	97	14§	56	21	28	4.78	+1.47	1.57	0.0	9	15	9	7	e.	Craig Williams
Rogers (near) †	Benton	1300	50	74.7	−2.7	97	1	48	21	30	3.85	−0.05	1.14	0.0	9	15	9	7	ne.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6								7.80		1.46	0.0	9	9	15	7	e.	G. A. Maddox
Russellville	Pope	526	28			97	14				3.23	−0.20	1.58	0.0	7	25	0	6	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	77.0		96	14§	56	20	30	6.13		2.10	0.0	9	13	13	5	s.	U. S. Biological Survey
St. Francis	Clay	290	13								4.82	+0.58	1.63	0.0	12	20	4	7		A. Boyce Boyd, Jr.
Searcy	White	245	30	79.6	−0.5	100	1	53	22	37	5.00	+0.95	1.35	0.0	9	19	4	8	ne.	Walter A. Smith
Springbank †	Miller	240	31								4.55	+1.45	1.10	0.0	9	17	6	8		Henry Field
Story	Montgomery	650	16								2.99	+0.15	1.30	0.0	7	17	10	4	s.	S. C. Story
Stuttgart	Arkansas	214	53	79.7	−1.0	98	14	56	21	30	2.83	−0.56	1.35	0.0	9	22	6	3	s.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	78.8[a]		95[a]	14	56[a]	22	32[a]	2.30		1.19	0.0	9					Rice Experiment Sta.
Subiaco	Logan	750	43	88.8[a]	−2.8	98	6	53[b]	21	30[b]	6.76	+2.97	1.73	0.0	10	18	3	10	se.	New Subiaco Abbey
Texarkana	Miller	332	56	79.4	−2.9	96	26	57	20§	29	4.33	+0.71	1.28	0.0	8	15	8	8	s.	H. S. Brashear
Thornburg (near)	Perry	650	20	76.2	−3.0	96	14	45	21	39	4.82	+0.77	1.78	0.0	10	10	15	6	s.	Edward E. Holmes

Climatological Data for August, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike †	Pope	2240	16	73.2		90	1§	52	20	21	6.90	+2.87	2.73	0.0	10	17	7	7	se.	U. S. Forest Service
Wabash	Phillips			79.0°		95[f]	15§	55[a]	20§	31[f]	5.13		1.83	0 0	8	13[a]	12[a]	5[a]		Ben Rives
Waldron	Scott	675	21	77.8[a]		97	1	51[a]	21	33[a]	7.03	+3.32	3.20	0.0	8	9	18	4	ne.	Wilson Ferguson
Warren	Bradley	206	46	78.8	− 2.8	96	14	56	20§	30	3.15	−0.38	1.10	0.0	10	0	7	24	sw.	C. N. Turner
Whitecliffs	Little River	290	34								3.92	+1.25	1.33	0.0	6	20[a]	1[a]	9[a]		L. M. Snead
White Rock †	Franklin	2285	4	74.8		91	1§	54	20	22	6.35		1.66	0 0	11	13	12	6	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	78.2	− 0.4	96	2§	53	21§	32	3.55	−0.37	1.30	0.0	8	18	4	9	s.	D. O. Anderson
Wright	Jefferson			79.7		98	14	56	22	30	4.30		1.58	0.0	7	23	7	1	sw.	J. S. Martin
Wynne	Cross	167	32	79.0	− 1.0	97	1	52	21§	33	4.43	+0.72	1.30	0.0	7	13	12	6	s.	B. M. Eddins
State Means				77.7	− 2.4	104	3	45	21	38	4.96	+1.40	4.22	0.0	9	14	10	7	s.	

Daily Precipitation for August, 1940

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser. †	Ouachita	.60	.50				.07		T.	1.30	1.32	.02	T.		T			.07	1.27	.03									1.28				6.46
Arkadelphia [2]	Ouachita		.89	.05						.61	.61	.15	.06						.72	.86									1.18	.06			5.19
Arkansas City [2]	Mississippi		1.23	1.22	.10			.17		.11	1.35	.15							1.41	.17									.44		.05		6.40
Batesville Airway †	White	T.		1.86						2.88	.23							.47	.26									.43	.11			T.	6.24
Batesville River [2]	White		T.	.78						.80	2.34				.05				.48	T.									.38	.09		.01	4.93
Bee Branch	Arkansas	.10					T.			.50	1.40	.15						T.	.20								T.	.90	.60				3.85
Benton [2]	Saline		.75	.93						.12	1.76	.48	.25						.79	.58									.59				6.25
Bentonville [1]‡	Arkansas				.02	.02			.03	.21	1.65	.03			.02	1.35	1.18										.04	.78	.01	.01		T.	5.85
Bethesda ***	White	1.73		.12						*	2.96																	.36	.05				5.22
Big Lake Outlet †[2]	St. Francis						.16			.78	1.19	.46	T.		T.				.08	.57								T	1.03	.05	T.		4.32
Black Rock [2]	White		.06		2.84			.65		2.23	.74	.09							.39	.35								.75	1.30				9.40
Blytheville [2]	St Francis		.15				.03			.97	.69	2.31	.07						T.	.31									1.14				5.67
Booneville	Arkansas	.01	01				.02			.33	.35	.94	1.35					2.83									.36	.05	.15		.01		6.41
Boughton †[2]	Ouachita		3.04	1.10					.08	.29	.50	.26	.39						.35	.98									.30				7.29
Brinkley	White		.65	.31						1.30	.77	.33	.02	.31				.04	.42										.51	.73			5.39
Calico Rock [2]	White		T.					04		1.05	1.85	.41	T.						1.55									.05	1.00	.05		.01	6.01
Camden [2]	Ouachita	.05	.52	.03	.31		.01		.21	.41	1.25		.01						.03	.10									.56	.11	.11		3.71
Clarendon [2]	White			1.02	.01		.07			.26	1.48								.07	.32									.45	.04			3.72
Clover Bend	White		.80	1.50			1.20	T.	.30	.80			T.					T.	.31								T.	.30	.52				5.73
Conway	Arkansas	.18							.12	.45	.96								.06								.83		1.66				4.26
Corning [2]	White				.15			.44	.63	.56	1.21	08		.04					1.41									.53	1.22				6.27
Cotter [2]	White		T.							1.60	1.33	.18	.15						.32										1.23			T.	4.81
Crossett [near]	Ouachita	.16		2.83					.48	1.30		.58							.02	.07									.79	.02			6.25
Danville [2]	Arkansas		.06	.01				.05		.04	1.66	.35	.13					.02	.60	.03								.02	.28	.03		.03	3.31
Dardanelle [2]	Arkansas		.11	.03				.07		.17	1.78	.11	.18						.36									1.02	1.39				5.22
De Queen	Red								.09	.24	.03	.02						.29	.10									1.48	.45				2.70
Des Arc [2]	White	T.		T.	.17					.20	1.00		T.						T.									T.	.76	T.			2.13
Devils Knob †	Arkansas	.03	09	.25			.05			1.13	2.43	1.10	.15					1.57	.13								.07	.33				.28	7.61
Dumas	Mississippi	.25	.56	.21		T.	T.		T	1.57	.02								.40							.04			.69	T.			3.74
El Dorado [2]	Ouachita		T.	.39	.08				.08	1.02	.53	.41							.44										1.10		.18		4.23
England	Arkansas	.15	.02	.15						1.45	.10	.02							.45											.47			2.81
Eureka Springs	White	.05			.63		.18		.21	40	1.85	.15			.60	.12		.63	.05								.55	.30					5.72
Fayetteville	White	T.		T.	.39			.04	T.	.13	1.55	.17			.07	T	T.	2.17	.03								.02	1.02	.01	T	T.		5.60
Fayetteville Exp. S	White				.58			.01	.02	.14	1.41	.06			.06	.09	T.	2.03	.05								.03	1.19	.03		.01		5.71
Fort Smith [1]‡	Arkansas		T				.03		T.	14	.38	1.91					.02	2.60	.01								T.	.06	.12			T.	5.27
Fort Smith W. †[2]	Arkansas							.32			.65	.36	.28					3.06	1.11									.35	.28	.02			6.43
Fulton [2]	Red	.18	.43	T.				T.		.38	.35	1.27	T.						.16	.08									.50	T.			3.35
Georgetown	White			.03						.40	1.85					T.			.15	.05								.55	.95				3.98
Gilbert [2]	White							.36		.46	1.22	20							1.10										.50				3.84
Glenwood [2]	Ouachita		.04					.02		.13	.87	.23	.02						.40	.26									.57				2.54
Grannis	Red	T.					.02			.32		2.30			T.			1.64	.34									1.03	.45			.15	6.25
Gravette [2]	Arkansas					2.50				.09	.05	1.26	.55			1.05		2.07	.16									.64	.03		.02		8.42
Green Mountain †	White						.17		26	1.77	1.50	.10					.03	.08	.34									.50	.40				5.15
Harrison	White	.03	.13	.09						1.17	2.06	.11						.29	.09								.04	.42	.47		.30		5.20
Heber Springs [2]	White				.77					1.85	1.51	.38	.05						.31	.01									1.82	.52			7.22
Helena [2]	Mississippi	.11		.17	03		.20			.46	1.80	.02						.01	.16	.34									.40	.19	.02		3.91
Higden	White	.01					T.			1.44	1.20	.73							T								T.	.88	.52				4.78
Highland	Ouachita	.04		.92			.15			.51		.52	.05						.54									.25	.75				3.73
Hope ‡‡[2]	Red	.10	1.46	.43					.07	.55	.71	.10	.72						.10	.72									.36				5.32
Hot Springs	Ouachita	.01	.04	T.			13		T.	1.50	.36	.02							.17										.70			.01	2.94
Index ‡[2]	Red	.45	50							.45	.12	.90	T.							.40									.95			.17	3.94
Irons Fork †‡‡[2]	Ouachita		.24					.19		.09	.91	1.07	.01			.08		2.31	.74										1.00	.61			7.25
Jessieville	Ouachita	.52	T.				.29			*	*	2.14			.39			.08										.85	T.				4.27
Jonesboro [2]	White				01				.05	1.10	.76	.17		.14	T.				.06	.87								.05	2.37	.03	T.		5.61
Lead Hill	White		.55				T.	T.	.04	1.17	1.51	.14	.26			.18	.45		.02								.18	2.07	.55	.30	.03		7.45
Little Rock [1]‡	Arkansas	.26	.84				T.		T.	1.26	.25	T			T.			.08	.16									.46	.24				3.55
LittleRock Air'y [1]‡	Arkansas	.23	.20				T.		T.	1.62	.29	T.						.19	.27									.44	.14				3.38
Lutherville †	Arkansas	T.	.05				.07		T.	.91	1.37	2.05						.73									.61	.91	.12	T.			6.82
Madison [2]	St. Francis			.25						.27	1.80	.10			.15				.22	.60									.25	.90			4.54
Magnolia	Red	.70		.07					.10	.92	.12	1.38	.40						.45										.72				4.86
Mammoth Spg [2]	White				1.38			.56		.40	1.35	.50			.05				1.88									.22	1.76				8.10
Marianna	St. Francis		.10	.18						1.22	.92			T				03	.12										.43	.32	.06		3.38
Marked Tree [2]	St. Francis									.55	.98	.18	.19	.04			.16	.34	.40										.70	.36			3.90
Mena [2]	Ouachita		1.03					T.		.13	.40	.94	.10	.10		.37	T.	2.03	.42	.02									.88		T.		6.42
Monticello Air ‡	Ouachita	.22		.10		T.	.12		.10	1.12	.07	.39							.45									.39	.01	T.		.04	3.01
Morrilton [2]	Arkansas		.01	.01						.26	1.27	.15								T.								.08	1.79	.13	T.		3.70
Mountainburg	Arkansas						.17			.44	.20	.64						4.22	.05								.23	.33	.06				6.34
Mountain Home	White	.12							.12	1.55	1.10	.48						.30										.80	.10				4.57
Mountain Valley	Ouachita	.16	.39	.04			.28			1.72	.42	.05	T						.34										1.32			T.	4.72
Mount Ida	Ouachita	.55	1.11				.55		.03	1.60	16	.25			.03			.65										.86	.11			.22	6.12
Mount Ida CCC	Ouachita	.27	.03	.97			.14			.86	.94	.10			.03			.55	.11									.68	.29		.08	T	5.05
Mulberry †[2]	Arkansas					T.		38		02	.76	1.24					.22	.46	1.02									.02	.36	.04			4.52
Nashville	Red	.01	.25	.01			.41	.01	.03	.33	.05	.36						T	.03									.38	.26			T.	2.13
Newport [2]	White			.01	.06					.92	2.44	.22	.23						.32	.10								.02	.01	.01			4.34
Oden	Ouachita	.01		1.39			T.		T.	.52	.31	.58						1.76										.03	.25		.11	.57	5.53
Okay	Red	T.	1.56				T.			.96	07	.61							.01										.96				4.17
Osceola [2]	Mississippi								T.	2.45	.50	1.74	T.		.03					.17									.71	.04			5.64
Ozark [2]	Arkansas							T.		.09	.57	.54	1.33					.31	.81									.04	1.04				4.73

Daily Precipitation for August, 1940 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Paragould	St. Francis	....	.82	....	....	....	....	.15	....	.49	1.11	....	....	....	....	....	.35	....	1.02	....	....	....	....	....	....	T.	.17	.14	.71	.48	....	....	5.44
Parkin ²	St. Francis	....	....	....	....	....	....	....	....	.49	.80	....	....	....	.43	....	....	....	1.22	.35	....	....	....	....	....	....	....	....	.45	.60	....	....	4.34
Pine Bluff ²	Arkansas	....	.21	.35	.01	....	....	....	....	.05	.76	.02	.15	....	....	....	....	....	.30	.01	....	....	....	....	....	....	....	....	.67	....	....	....	2.53
Pine Ridge ²	Ouachita	....	.38	....	....	....	.28	....	....	.89	.20	.58	....	....	....	....	....	2.11	....	....	....	....	....	....	....	....	....	.31	.27	....	....	....	5.02
Pocahontas	White	....	....	....	1.80	....	....	.79	....	1.62	.92	06	....	.22	....	....	....	.02	.22	....	....	....	....	....	....	....	.08	.38	.84	....	....	....	6.95
Portland ²	Ouachita	....	.10	....	.78	....	.05	.01	.08	.30	.58	....	....	....	....	....	....	....	.06	.20	....	....	....	....	....	....	....	....	.20	....	.55	....	2.91
Prescott ²	Ouachita	....	1.57	1.29	....	....	T.	....	.18	.25	.62	.39	....	....	....	....	....	....	T	.14	....	....	....	....	....	....	....	....	.30	.04	....	....	4.78
Rogers (near) †	White	....	....	....	.17	....	....	....	....	.34	1.14	.14	....	....	....	.20	....	1.09	.01	....	....	....	....	....	....	....	.01	.75	....	....	....	....	3.85
Rosebud †	Arkansas	.51	.61	....	....	....	....	....	....	1.05	.56	.09	....	....	....	T	T.	....	1.46	....	....	....	....	....	....	....	1.38	1.06	....	1.08	....	....	7.80
Russellville ‡‡	Arkansas	T.	....	....	....	....	....	T.	....	.42	1.58	.26	....	....	....	....	....	.48	....	....	....	....	....	....	....	....	.02	.35	.12	....	....	....	3.23
St. Charles ²	White	....	.26	2.10	.14	....	....	....	....	.08	2.10	....	....	....	....	....	....	....	.38	.12	....	....	....	....	....	....	....	....	.93	.02	....	....	6.13
St. Francis ²	St. Francis	....	....	....	....	....	....	.15	T	1.63	.88	.11	.02	....	....	....	.02	....	.44	.17	....	....	....	....	....	....	.08	.54	.70	.08	....	....	4.82
Searcy ²	White	....	....	....	.43	....	....	....	....	1.02	1.29	.05	....	....	....	....	....	....	.08	.19	....	....	....	....	....	....	....	51	1.35	.08	....	....	5.00
Spring Bank †²	Red	.20	T.	....	....	....	....	....	....	.75	.07	62	95	....	....	....	....	....	.20	.26	....	....	....	....	....	....	....	....	1.10	.40	....	....	4.55
Story ²	Ouachita	.12	....	....	....	....	....	....	....	1.30	.20	.26	....	....	....	....	....	.65	....	....	....	....	....	....	....	....	....	.30	.16	....	....	....	2.99
Stuttgart ²	Arkansas	....	.03	.06	.16	....	....	....	....	.10	1.35	....	.18	....	....	....	....	....	.38	.05	....	....	....	....	....	....	....	....	.52	....	....	....	2.83
Stuttgart ‡‡²	Arkansas	T	.05	.04	.35	....	T	....	....	.12	1.19	....	.03	....	....	....	....	....	.13	.12	....	....	....	....	....	....	....	....	.27	....	....	....	2.30
Subiaco	Arkansas	T	.80	....	....	....	....	....	T.	.50	.90	.65	.02	....	....	....	....	1.73	....	....	....	....	....	....	....	....	1.15	.10	.02	....	.89	....	6.76
Texarkana ²	Red	1.28	.22	....	....	....	....	....	....	.70	.20	.40	....	....	....	....	....	....	.10	.50	....	....	....	....	....	....	....	....	.93	....	....	....	4.33
Thornburg	Arkansas	.05	.62	....	....	....	.02	....	....	1.78	.24	....	T.	....	....	....	....	.12	.12	....	....	....	....	....	....	....	....	1.39	.47	01	....	....	4.82
Turnpike †	Arkansas	....	T.	.01	....	....	.14	....	....	1.33	2.73	1.41	.14	....	....	....	....	.95	.06	....	....	....	....	....	....	....	.01	.12	....	....	....	....	6.90
Wabash	Mississippi	....	.55	.49	....	....	....	....	T.	.82	70	....	....	.10	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	1.88	.34	....	....	5.13
Waldron	Arkansas	....	.04	....	....	....	....	....	....	.30	.05	2.52	....	....	....	....	....	.45	3.20	....	....	....	....	....	....	....	.35	....	....	.12	....	....	7.03
Warren	Ouachita	.04	.30	T	....	.31	.05	....	.05	1.10	.10	....	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	35	.10	....	T.	3.15
Whitecliffs ²	Red	.10	1.07	....	....	....	....	....	....	.70	.30	.42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.33	....	....	....	3.92
White Rock †	Arkansas	....	....	....	.02	....	T.	.04	....	.58	1.66	1 57	....	.03	T.	....	....	1.62	.06	....	....	....	....	....	....	....	.31	.37	.09	T	....	....	6.35
Wilson ²	Mississippi	....	....	....	....	....	....	....	.23	1.30	.75	.45	.40	....	....	....	....	....	.10	.08	....	....	....	....	....	....	....	....	....	.24	....	....	3.55
Wright	Arkansas	44	1.08	....	....	....	....	....	....	1.58	.05	....	....	....	....	....	....	.31	.73	....	....	....	....	....	....	....	....	....	....	....	....	.11	4.30
Wynne ²	St. Francis	....	.28	....	....	....	....	....	....	.65	.78	....	.20	....	....	....	....	....	.55	....	....	....	....	....	....	....	....	.67	1.30	....	....	....	4.43

Daily Temperatures for August, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	92	94	88	90	92	89	89	88	79	76	85	91	92	94	93	93	89	84	81	88	80	85	87	90	90	91	92	83	87	89	89	88.1
	Minimum	72	72	72	72	68	71	69	69	65	67	68	67	69	70	71	71	72	71	64	59	52	55	60	60	67	66	73	66	67	66	66	67.0
Arkadelphia §§	Maximum	95	92	90	92	93	91	91	86	72	79	87	92	94	96	95	94	90	85	82	79	82	85	87	91	91	93	94	83	90	91	91	88.8
	Minimum	72	71	71	72	70	74	70	71	61	66	68	59	69	71	72	73	75	70	63	55	53	55	58	63	64	67	70	66	67	66	69	66.8
Batesville ***	Maximum	100	94	93	93	96	91	94	97	74	81	89	93	93	95	97	96	93	87	81	78	82	86	85	90	94	93	93	91	88	89	91	90.2
	Minimum	73	71	67	71	68	70	70	69	66	68	69	67	70	69	72	69	73	72	62	55	52	53	57	58	65	65	68	67	67	63	62	66.1
Bee Branch	Maximum	98	97	90	92	93	94	90	95	90	78	84	90	95	97	96	95	94	86	84	80	83	88	85	89	95	90	90	83	87	89	90	89.9
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Benton §§	Maximum	94	93	89	90	91	89	89	87	71	78	86	92	96	95	94	93	87	87	82	79	84	85	87	89	91	92	92	85	91	91	92	88.4
	Minimum	70	70	70	69	66	66	68	68	69	65	67	65	65	66	68	69	69	69	58	52	50	52	56	57	61	62	62	66	65	64	64	64.1
Bentonville ***	Maximum	97	93	96	88	92	91	90	90	75	70	79	90	92	94	92	89	81	77	75	74	79	82	86	86	87	87	81	77	88	84	86	85.4
	Minimum	73	73	69	70	69	70	69	68	64	64	65	66	68	70	69	69	68	61	56	51	51	57	59	63	65	68	65	65	61	60	63	64.8
Blytheville	Maximum	99	96	96	96	95	91	93	94	85	77	84	91	93	94	96	97	95	87	82	78	82	86	87	92	93	93	93	85	89	90	91	90.3
	Minimum	73	71	76	71	72	73	72	71	70	70	71	72	74	74	75	73	74	74	62	55	54	55	58	60	67	70	75	68	69	70	61	68.7
Booneville	Maximum	97	98	96	95	96	97	94	92	85	76	88	91	95	96	94	93	88	85	80	79	81	85	86	89	91	92	90	82	92	91	92	89.9
	Minimum	72	73	70	71	69	68	70	70	66	66	67	67	67	70	71	71	68	72	57	53	51	54	59	60	64	68	69	65	61	62	65	65.7
Brinkley	Maximum	94	94	85	87	90	89	90	90	76	80	86	89	91	93	94	93	90	85	79	75	79	83	85	90	90	91	90	83	85	87	89	87.2
	Minimum	69	71	72	71	69	72	70	69	67	67	67	69	71	71	72	72	72	71	60	54	54	52	55	59	64	64	71	66	69	66	61	66.4
Camden	Maximum	93	94	94	93	94	93	91	90	77	81	89	93	95	98	97	95	93	87	84	83	84	87	90	95	93	94	95	88	90	93	91	90.8
	Minimum	71	69	70	73	70	72	69	69	65	66	66	68	69	71	71	71	75	73	61	55	53	55	60	62	66	70	72	66	68	66	68	67.1
Clover Bend	Maximum	92	95	93	92	95	90	90	93	82	89	88	93	94	95	95	94	92	86	80	80	81	86	85	90	93	93	90	90	90	90	90	89.9
	Minimum	69	73	70	70	73	72	71	70	69	67	69	69	73	70	73	69	71	72	60	53	53	55	58	60	65	63	69	65	66	64	59	66.5
Conway	Maximum	93	97	91	94	93	92	94	93	82	80	90	94	96	98	98	97	89	84	85	81	78	82	98	94	96	95	96	85	91	92	94	91.0
	Minimum	73	72	73	72	69	72	71	71	69	68	70	70	71	72	72	73	75	73	62	53	54	55	60	59	66	68	71	68	68	65	68	67.8
Corning	Maximum	100	99	95	95	98	87	92	94	74	85	89	91	95	96	98	97	94	87	81	80	83	86	89	92	95	93	90	85	90	90	91	90.7
	Minimum	71	75	74	70	67	62	70	69	67	67	71	70	71	72	74	70	72	72	60	54	50	51	56	71	67	73	72	68	68	67	60	67.1
Crossett	Maximum	90	93	88	89	90	87	88	83	76	82	91	94	94	97	97	97	95	89	82	79	82	86	89	93	93	93	93	90	89	90	93	89.4
	Minimum	72	70	72	71	70	70	69	70	66	69	64	67	69	70	71	70	70	74	64	54	55	55	58	64	67	71	70	66	70	64	66	67.0
Dardanelle	Maximum	96	97	92	94	97	95	93	93	93	83	87	93	95	97	96	95	92	89	83	81	83	87	90	90	94	95	94	81	92	92	93	91.4
	Minimum	75	75	73	74	70	80	78	79	74	74	67	67	76	76	74	75	72	75	61	56	64	66	59	60	64	67	69	64	63	66	67	69.7
De Queen	Maximum	94	94	95	92	93	91	90	86	76	79	89	92	96	97	96	93	85	88	83	81	83	87	88	92	94	95	93	84	91	93	92	89.7
	Minimum	71	72	70	75	70	72	72	72	66	68	69	68	70	72	72	75	73	72	61	54	55	56	60	63	66	71	68	66	69	67	69	67.9
Devils Knob	Maximum	92	91	87	84	88	88	85	84	76	69	71	83	86	88	87	85	78	77	72	70	75	78	80	80	82	82	76	74	83	83	85	81.3
	Minimum	72	69	70	69	69	71	67	68	61	60	63	65	71	74	70	70	66	64	56	53	56	59	65	63	68	67	62	61	63	63	68	65.3
Dumas	Maximum	95	93	89	91	92	82	90	87	78	84	91	96	97	99	99	98	98	92	84	82	83	88	81	96	97	95	98	93	94	94	94	91.3
	Minimum	74	72	73	70	70	79	69	70	69	70	68	70	73	73	74	74	74	72	64	56	55	56	58	65	69	68	72	68	70	69	69	68.8
El Dorado	Maximum	95	93	92	92	93	90	89	84	73	80	89	91	93	98	96	96	93	87	83	80	82	85	90	93	94	94	93	87	91	91	94	89.7
	Minimum	74	72	74	74	71	73	71	70	66	69	69	71	72	75	76	76	77	74	65	58	56	59	61	66	71	73	74	67	73	69	71	69.9
England	Maximum	97	88	92	92	94	93	92	92	82	83	84	92	96	98	98	98	97	92	83	79	83	85	84	88	95	90	92	96	86	90	92	90.4
	Minimum	71	72	71	72	69	71	70	69	67	69	69	68	70	72	72	72	73	70	60	64	53	53	56	56	59	72	72	65	67	67	66	67.0
Eureka Springs	Maximum	94	90	94	86	92	89	90	87	80	75	78	88	91	93	92	91	81	79	76	76	80	85	87	86	87	88	77	80	89	86	89	85.7
	Minimum	72	71	70	70	68	70	70	67	64	64	66	66	66	70	70	70	67	69	56	50	49	57	60	65	66	69	65	64	63	60	65	65.1
Fayetteville	Maximum	96	90	94	89	93	91	89	90	82	70	79	87	90	93	92	88	82	77	75	75	82	83	85	86	88	87	82	80	87	85	86	85.6
	Minimum	72	73	69	71	69	71	70	69	65	64	66	66	66	68	70	70	67	70	56	50	49	57	59	62	66	72	65	64	61	60	63	65.2
Fayetteville Exp. S	Maximum	97	91	97	92	90	89	88	87	86	71	77	88	90	94	90	87	83	78	72	75	79	82	85	83	85	87	80	80	87	85	86	85.2
	Minimum	69	73	67	70	68	70	68	67	65	64	66	64	66	69	71	70	67	69	55	50	50	55	60	62	63	71	65	64	60	60	62	64.5
Fort Smith***	Maximum	97	90	98	95	97	93	93	92	79	75	82	91	94	96	96	89	78	84	79	79	82	85	89	88	91	92	86	82	90	90	89	88.4
	Minimum	78	76	73	75	73	75	73	74	67	67	68	69	71	74	75	75	70	67	63	60	58	60	64	67	69	71	70	67	66	68	69	69.4
Gilbert§§	Maximum	98	100	94	95	98	96	93	96	75	80	86	92	95	96	96	95	90	86	77	78	80	86	88	89	91	92	86	88	88	90	93	89.9
	Minimum	65	64	64	66	62	63	65	62	62	62	65	54	64	64	66	65	66	66	55	48	46	48	50	56	58	58	59	62	59	58	57	60.0
Grannis	Maximum	92	91	94	89	91	90	89	86	74	79	85	91	94	95	94	90	82	82	79	80	81	84	86	89	90	92	95	84	88	91	90	87.6
	Minimum	68	68	66	67	66	69	67	68	63	64	65	65	67	68	68	70	66	69	57	52	51	53	58	60	62	66	67	62	68	65	65	64.2
Gravette§§	Maximum	101	97	104	85	93	74	94	92	76	70	86	92	93	99	93	87	90	77	77	77	82	84	88	87	88	89	86	87	91	92	89	87.7
	Minimum	70	72	67	68	68	69	68	66	64	64	64	65	66	68	68	70	67	67	53	50	50	51	59	61	62	67	68	62	58	58	60	63.5
Green Mountain	Maximum	97	92	91	95	94	90	91	93	75	77	81	88	90	92	93	91	88	80	78	73	76	80	82	85	89	88	84	78	81	84	88	85.9
	Minimum	75	72	72	76	72	71	68	69	64	64	67	69	70	72	71	70	74	71	69	54	55	60	66	64	69	68	70	65	64	62	62	67.6
Harrison	Maximum	99	96	92	93	95	92	95	97	80	78	85	90	94	95	96	95	81	82	77	76	80	87	87	90	93	94	80	82	83	86	91	88.4
	Minimum	70	70	72	71	67	70	72	67	65	65	69	66	66	68	70	68	71	69	58	52	49	53	60	60	62	67	68	64	61	60	61	64.9
Helena	Maximum	93	93	86	89	91	89	91	88	74	81	88	89	90	92	93	93	92	89	78	76	78	81	85	89	90	89	90	86	80	88	89	87.1
	Minimum	71	71	71	69	71	72	70	71	69	68	71	71	73	72	73	74	73	71	63	57	57	58	61	66	69	71	72	67	69	66	64	68.4
Highland	Maximum	93	92	91	89	92	88	89	84	75	81	84	90	93	94	92	93	91	88	81	81	81	84	85	90	90	92	92	81	91	92	90	88.0
	Minimum	71	69	69	72	68	71	69	69	64	63	66	67	69	72	71	72	70	70	59	54	54	56	59	61	68	69	66	64	68	67	69	66.3
Hope §§ ‡‡	Maximum	95	93	91	91	91	89	89	81	73	81	87	93	94	96	95	94	90	85	81	79	81	85	87	92	91	92	93	85	90	94	92	88.7
	Minimum	71	71	71	72	70	72	70	70	65	66	67	67	70	72	74	74	76	74	61	55	54	55	58	59	64	71	74	66	67	66	69	67.5
Hot Springs	Maximum	88	93	88	92	92	88	90	88	81	73	84	89	92	94	94	94	90	85	79	78	80	85	87	91	92	94	93	83	88	89	87	87.6
	Minimum	73	71	72	72	68	71	70	72	56	69	69	69	69	71	71	72	75	70	58	55	52	55	60	61	68	68	74	62	67	65	68	66.9

Daily Temperatures for August, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	93	90	93	89	91	88	87	85	68	72	85	88	90	92	91	89	76	82	77	77	79	84	85	86	87	90	88	80	86	89	88	85.3
	Minimum	66	71	62	70	61	72	64	67	62	62	64	60	61	65	64	67	64	66	56	46	45	48	52	53	61	61	72	60	58	58	60	61.2
Jonesboro	Maximum	97	93	93	95	97	91	96	97	80	84	90	89	92	95	95	95	95	85	82	78	82	85	86	90	95	95	93	84	86	89	90	90.1
	Minimum	71	74	72	69	68	73	71	69	68	68	70	70	72	71	73	71	73	72	60	56	55	53	56	60	65	70	70	64	68	66	59	67.0
Lead Hill..........	Maximum	100	97	93	91	97	94	94	94	75	79	84	90	93	96	94	93	82	83	79	77	81	86	87	88	90	93	78	81	88	86	90	88.2
	Minimum	70	67	73	70	66	69	67	65	65	66	69	65	65	67	70	67	69	69	55	48	47	51	59	58	60	65	66	62	61	59	59	63.5
Little Rock..***	Maximum	94	94	87	89	91	89	89	88	76	79	85	91	92	94	93	92	87	85	79	76	79	83	86	90	90	90	91	82	87	88	90	87.3
	Minimum	73	70	74	74	74	75	73	73	66	70	70	72	73	74	76	77	75	68	64	61	58	60	63	65	72	71	68	69	71	70	70	70.0
Little Rock.....*** [Airway]	Maximum	96	94	90	91	93	92	90	90	72	81	86	91	94	95	94	93	90	88	82	79	82	85	87	90	92	92	93	84	90	92	93	89.1
	Minimum	73	73	72	73	70	73	71	71	67	69	69	69	71	72	74	73	74	68	63	57	57	55	59	62	66	72	67	67	69	69	68	68.2
Lutherville........	Maximum	96	95	91	94	95	94	91	92	82	79	82	91	92	95	92	92	84	84	78	78	79	85	87	88	89	87	86	78	89	88	87	87.7
	Minimum	72	71	72	71	69	70	72	70	65	65	68	68	67	69	73	72	70	73	59	55	53	56	62	61	66	68	68	65	69	69	66	66.9
Magnolia..........	Maximum	95	91	93	94	96	93	90	87	74	81	88	93	94	96	95	95	93	87	84	85	84	88	90	95	94	92	95	95	90	92	92	90.7
	Minimum	73	72	73	75	72	73	70	68	66	67	68	68	71	73	73	74	76	74	64	55	54	55	57	64	70	73	70	67	69	68	69	68.4
Mammoth Spring.	Maximum	100	96	92	91	95	90	92	93	78	80	86	92	93	95	94	95	92	84	78	77	80	84	87	90	92	89	80	84	88	90	91	88.6
	Minimum	71	70	73	70	68	71	69	68	69	66	70	68	72	69	69	72	72	71	60	51	50	50	58	62	67	63	63	64	65	65	59	65.6
Marianna...	Maximum	94	95	85	89	92	89	92	89	82	83	88	90	93	94	94	95	92	87	81	78	80	84	86	89	91	91	93	88	87	89	88	85.4
	Minimum	73	74	74	70	71	73	72	71	70	70	73	73	75	73	75	75	76	74	63	58	56	55	57	62	67	73	73	69	70	69	65	69.3
Marked Tree....§§	Maximum	96	94	91	92	95	94	94	95	90	89	88	90	90	94	95	95	94	85	79	78	83	84	87	91	92	93	93	84	89	89	90	90.1
	Minimum	70	70	71	68	68	68	68	68	68	68	69	69	70	70	70	71	71	71	60	55	55	54	54	55	55	55	72	65	67	67	60	65.2
Mena..............	Maximum	95	94	95	92	93	89	88	86	76	74	88	92	95	95	94	92	82	82	78	79	82	86	86	87	91	94	89	84	87	90	90	87.9
	Minimum	71	70	67	72	67	69	70	69	63	65	66	65	68	70	70	73	66	71	58	53	52	55	59	60	65	68	67	61	63	64	67	65.3
Monticello......***	Maximum	92	92	88	89	91	88	87	85	73	80	87	92	93	95	95	94	94	88	81	79	81	85	88	92	93	93	93	88	86	91	93	88.6
	Minimum	72	71	73	70	71	73	69	71	68	69	68	70	71	72	73	74	75	72	65	58	58	62	62	68	71	72	69	68	70	67	70	69.1
Morrilton ....§§	Maximum	98	96	90	94	92	93	94	94	72	79	88	92	93	91	96	96	86	89	82	80	82	87	99	92	94	96	95	84	88	90	90	89.7
	Minimum	71	72	71	72	66	69	69	69	69	67	69	69	68	70	72	72	72	72	59	51	49	52	57	56	63	68	70	67	65	63	67	66.0
Mountain Home...	Maximum	95	99	92	94	98	97	94	96	77	79	84	93	94	97	95	95	87	87	81	80	82	87	87	90	92	92	83	83	90	90	92	89.7
	Minimum	72	69	72	69	69	71	69	69	66	65	68	66	68	69	70	68	68	72	58	53	49	51	59	60	62	65	66	62	62	60	60	64.7
Mt. Ida............	Maximum	97	95	91	91	93	82	89	87	77	79	85	93	95	96	93	94	83	87	81	81	82	86	87	91	92	94	94	84	91	94	90	88.8
	Minimum	71	70	68	70	64	67	67	67	65	66	67	64	64	67	68	67	68	70	54	49	46	49	54	55	61	63	68	65	66	62	64	63.4
Nashville..........	Maximum	95	92	95	90	91	89	88	84	76	80	85	91	94	95	93	94	89	88	81	80	80	85	86	88	91	93	94	82	86	92	91	88.3
	Minimum	74	71	73	74	71	74	70	69	65	65	68	70	70	73	73	70	74	71	64	56	56	58	60	64	64	69	67	67	68	68	70	67.9
Newport...........	Maximum	98	95	92	90	95	93	95	96	84	82	88	92	93	95	96	95	93	88	82	80	82	85	86	91	93	93	95	83	89	90	90	90.3
	Minimum	73	74	74	78	69	73	72	70	69	68	72	70	73	72	74	72	74	72	63	57	56	54	57	60	65	70	71	67	68	66	60	68.2
Oden......... ..***	Maximum	94	93	92	91	94	92	90	86	77	75	85	92	94	94	93	92	80	85	81	80	82	85	88	89	90	91	84	90	91	88	93	88.1
	Minimum	74	70	73	74	75	73	70	70	68	67	68	68	69	71	70	71	68	69	63	54	52	55	60	59	64	69	66	65	64	67	69	66.9
Okay.....	Maximum	95	94	92	92	92	92	90	87	81	84	87	92	95	96	94	94	93	90	87	83	81	86	87	89	93	94	95	89	94	94	92	90.5
	Minimum	71	72	72	72	71	73	71	72	66	67	68	68	70	72	74	75	76	73	59	53	52	54	58	62	62	72	74	66	70	67	69	67.8
Ozark............	Maximum	95	98	97	96	97	99	94	94	87	77	84	92	96	98	96	95	88	87	83	83	81	84	88	90	93	90	85	78	93	90	91	90.3
	Minimum	72	70	70	74	69	73	71	74	68	66	67	68	68	71	73	74	74	73	59	56	53	56	61	63	66	67	67	66	63	62	64	67.0
Paragould....... .	Maximum	95	93	92	91	94	90	90	93	78	83	87	90	91	93	92	94	92	85	85	76	78	82	84	87	90	91	90	83	85	86	86	87.9
	Minimum	71	74	74	70	69	74	72	71	71	69	71	71	74	73	73	71	72	73	62	58	56	53	56	61	64	67	71	66	69	69	58	67.8
Pine Bluff.........	Maximum	95	91	91	90	92	89	89	86	79	81	84	91	92	95	94	94	93	89	81	79	83	84	88	92	93	93	93	85	89	93	91	89.0
	Minimum	75	72	73	74	73	75	72	74	68	70	70	71	73	75	76	75	78	72	65	60	60	58	61	66	71	73	75	68	72	70	71	70.5
Pocahontas	Maximum	98	96	91	92	95	94	92	94	77	85	88	93	93	94	96	95	94	86	83	80	81	85	85	89	92	93	88	83	89	89	90	89.7
	Minimum	71	73	73	70	67	70	69	69	68	66	71	69	72	70	72	69	71	71	61	54	54	56	57	62	63	66	68	65	65	65	56	66.2
Portland	Maximum	94	91	87	90	90	87	88	83	78	83	90	91	92	94	92	94	94	88	84	79	81	84	87	92	94	92	93	87	90	89	93	88.7
	Minimum	71	69	70	68	69	69	66	69	67	68	65	67	70	70	71	70	70	71	63	55	55	55	60	64	65	68	67	66	68	63	66	66.3
Prescott...........	Maximum	96	93	94	92	93	92	90	86	82	78	88	93	94	97	97	96	95	90	83	81	82	85	88	92	93	94	95	92	91	93	92	90.5
	Minimum	73	71	72	70	71	73	70	71	66	68	68	68	72	73	74	73	77	74	62	57	56	58	60	64	69	71	74	67	71	68	71	68.8
Rogers	Maximum	97	91	95	86	92	89	91	92	83	72	76	89	92	93	91	89	81	76	75	74	78	81	85	86	88	88	80	78	87	87	88	85.5
	Minimum	68	71	68	72	67	69	61	66	65	65	66	65	65	68	69	69	68	69	57	49	48	54	60	61	63	68	67	63	60	58	62	63.9
Russellville......‡‡	Maximum	94	96	90	93	95	95	93	92	91	85	87	92	95	97	95	95	93	87	82	82	83	87	88	91	94	95	94	83	91	92	92	90.9
	Minimum	84	76	65	:	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	53	57	61	62	65	67	69	68	65	63	66	....
St. Charles ......§§	Maximum	95	94	89	89	90	89	90	87	75	83	89	93	93	96	96	95	94	90	82	79	82	85	88	92	91	91	92	87	90	91	90	86.2
	Minimum	71	71	69	69	69	71	69	70	69	69	70	70	72	72	74	74	73	70	62	56	56	56	59	62	68	70	73	67	69	67	67	67.9
Searcy	Maximum	100	98	91	94	96	95	95	96	85	81	88	95	95	97	97	96	92	88	81	81	83	87	90	96	95	95	94	85	90	91	92	91.6
	Minimum	73	73	74	72	69	73	73	69	68	67	69	69	72	72	74	73	74	72	64	55	58	53	57	59	66	67	69	66	67	66	65	67.7
Stuttgart	Maximum	95	96	89	90	92	90	92	82	77	82	89	93	97	98	96	96	96	92	83	80	83	86	89	94	95	94	95	87	90	92	93	90.4
	Minimum	72	72	72	73	71	73	70	71	70	70	69	70	73	73	74	74	75	71	62	57	56	57	68	64	68	71	72	67	70	68	67	69.0
Stuttgart . ....‡‡§§	Maximum	94	93	89	88	91	89	90	86	74	..	87	92	93	95	94	93	92	89	80	78	82	85	89	92	92	92	92	85	89	91	92	88.9
	Minimum	72	73	73	72	71	73	70	71	70	70	..	69	72	73	75	74	75	72	62	57	57	56	57	63	68	71	73	67	70	67	67	68.7
Subiaco	Maximum	94	97	95	96	97	98	94	92	85	77	85	93	95	97	97	95	87	85	80	80	82	86	89	90	92	92	88	82	91	89	95	90.2
	Minimum	74	70	71	72	70	72	78	70	65	65	67	68	68	71	72	74	..	..	62	57	53	56	61	73	67	69	70	66	64	64	69	67.5
Texarkana	Maximum	91	93	93	93	93	91	88	84	72	82	87	91	95	95	95	95	93	87	82	81	82	87	87	93	94	96	95	87	91	93	94	89.7
	Minimum	73	72	72	75	72	74	71	70	65	67	69	68	72	74	74	75	77	74	62	57	57	58	61	65	69	74	74	66	68	69	71	69.2
Thornburg	Maximum	95	95	90	92	94	92	93	90	78	78	85	90	93	96	93	92	86	85	80	80	84	88	89	90	91	93	95	82	86	90	90	88.9
	Minimum	69	70	68	69	69	64	63	65	67	66	68	64	64	65	66	66	71	70	59	46	45	54	58	54	61	68	68	66	63	61	60	63.5
Turnpike..........	Maximum	90	90	87	86	89	87	86	86	75	72	75	85	86	87	87	86	78	77	71	70	75	78	82	81	83	83	79	76	81	81	84	81.7
	Minimum	71	72	70	68	69	67	66	68	59	60	63	66	71	73	72	71	65	64	55	52	54	58	63	63	67	65	63	60	64	63	66	64.8
Waldron	Maximum	97	96	95	94	95	95	92	90	90	75	88	91	96	96	95	93	90	90	84	80	82	87	89	89	91	95	91	82	90	90	90	90.3
	Minimum	71	72	70	75	67	69	67	69	65	65	67	64	67	70	70	71	..	69	58	52	51	54	59	59	62	67	70	65	65	62	67	65.3
Warren	Maximum	93	94	90	90	92	88	89	86	77	80	87	92	94	96	95	94	94	87	82	80	82	85	88	93	93	93	92	87	87	91	93	89.2
	Minimum	74	71	71	70	70	71	70	70	67	69	68	69	70	73	83	74	75	73	63	56	56	56	58	64	69	72	72	67	70	66	68	68.5
White Rock.......	Maximum	91	87	91	85	91	90	87	86	82	71	73	84	89	89	87	85	79	77	71	74	75	79	82	82	82	83	77	73	84	83	84	82.4
	Minimum	74	73	74	69	69	71	68	69	61	61	63	65	74	73	74	74	66	68	59	54	57	68	65	64	67	70	65	62	64	74	69	67.2
Wilson	Maximum	95	96	92	92	92	92	95	95	81	82	88	90	89	96	95	95	93	89	83	78	80	83	83	91	93	93	94	83	89	89	89	89.5
	Minimum	70	73	72	68	69	70	70	68	68	69	70	69	72	70	73	72	74	72	60	54	53	53	54	59	66	69	74	66	68	67	58	66.8
Wynne	Maximum	97	96	92	93	96	96	95	95	90	84	90	91	94	96	96	96	95	86	87	80	82	85	87	91	94	94	91	95	88	91	90	91.4
	Minimum	70	72	72	69	68	71	72	69	68	68	70	71	72	69	73	72	74	72	59	53	52	52	54	60	67	70	72	65	68	66	58	66.7

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for August, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	....	....	.230	.248	.251	.240	.231	.279	.261	.049	.100	.171	.230	.251	.249	.290	.271	.139	.178	.239	.202	.199	.199	.203	.198	.232	.247	.274	.099	.189	.191	6.563
	Mean tem.	83	82	81	82	80	80	80	76	69	74	77	80	82	84	84	84	83	80	71	67	68	70	72	76	78	82	84	76	78	80	80	78.1
	Wind move	28	20	18	23	21	25	40	50	87	20	32	13	16	23	26	14	29	42	39	47	31	17	14	17	27	14	48	62	21	20	16	900
Irons Fork,.. §§ Exp. Forest	Evap.	.190	.088	.173	.156	.177	.153	.086	.188	.101	*	*	.090	.123	.124	.135	.162	.145	.029	.147	.149	.146	.149	.139	.160	.132	.162	.193	.162	.081	.151	.146	4.037
	Mean tem.	80	80	78	80	76	80	76	76	65	67	74	74	76	78	78	78	70	74	66	62	62	66	68	70	74	76	80	70	72	74	74	73.2
	Wind move	3	2	8	13	7	4	3	13	26	13	6	4	1	2	3	5	7	1	8	6	3	2	1	3	3	8	23	14	3	3	1	199
Russellville.... Ozark Nursery.	Evap.	.104	.124	.250	.190	.306	.298	.084	.424	.383	....	.300	.118	.284	154	.338	.276	.162	.114	.259	.249	.074	.146	.200	.244	.276	.214	.216	076	.140	.250	.274	6.745
	Mean tem.	89	86	78	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	68	72	74	76	80	81	82	76	78	78	79	....
	Wind move	9	5	21	18	10	29	29	95	18	19	33	8	26	7	14	5	8	39	29	28	2	8	7	11	18	16	30	11	22	18	11	604
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.199	.202	.207	.097	.209	.220	.231	.191	.080	*	*	.257	.176	.216	.191	.210	.230	.225	.166	.195	.173	.164	.178	.169	.176	.218	.228	.239	.105	.143	.207	5.502
	Mean tem.	83	83	81	80	81	81	80	78	72	....	....	80	82	84	84	84	84	80	71	68	70	70	73	78	80	82	82	76	80	79	80	78.8
	Wind move	16	30	27	27	20	37	39	26	30	86	*	88	6	27	6	15	21	46	48	39	24	16	9	5	10	44	62	80	13	7	16	920

Daily Precipitation for August, 1940 Hydrologic Stations

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alicia[1]	White	....	.08	.10	....	....	.28	....	....	.55	.21	....	....	.09	....	....	....	.41	.33	....	....	....	....	....	....	....	.24	1.41	....	....	....	....	3.70
Antoine(near)[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Beaty Lake(near)	St. Francis	....	1.00	....	....	....	....	....	....	1.03	.40	.05	....	.15	....	....	....	....	.32	....	....	....	....	....	....	....	....	....	.23	.55	....	....	3.73
Beedeville[2]	White	T.	....	....	....	....	....	....	....	.69	1.81	.02	....	.05	.14	....	....	.08	....	.23	....	....	....	....	....	....	....	.07	.93	.03	.25	....	4.30
Blue Mountain[2]	Arkansas	....	....	2.00	....	....	....	....	....	....	1.00	....	1.10	....	....	....	....	*	1.50	....	....	....	....	....	....	....	....	....	.79	....	....	.70	7.09
Briggsville[1]	Arkansas	.10	.42	....	....	....	.85	....	....	1.30	.09	.41	....	....	....	....	....	.33	....	....	....	....	....	....	....	....	....	.31	....	....	....	....	3.81
Cabot[2]	Arkansas	....	1.50	.20	....	....	....	....	....	.60	.90	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	.80	....	....	....	....	4.25
Carlisle[2]	Arkansas	....	.68	.26	.62	....	....	....	....	.05	1.00	.06	....	....	....	....	....	T.	.20	T.	....	....	....	....	....	....	.02	.62	....	....	....	....	....
Carpenter Dam[1]	Ouachita	.26	.05	....	....	....	....	....	....	1.05	.34	.03	....	....	....	....	....	.09	.05	....	....	....	....	....	....	....	....	.26	.60	....	....	....	2.73
Centerville(near)[3]	Arkansas	.50	....	....	....	....	....	....	*	*	1.27	.50	....	....	....	....	....	*	.73	....	....	....	....	....	....	....	....	*	.56	....	....	....	3.56
Clarksville[1]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Compton[1]	White	....	....	....	....	....	....	....	....	1.51	1.10	.30	....	....	.07	....	....	.70	.25	....	....	....	....	....	....	....	.11	....	....	.15	....	....	4.19
Denmark[2]	White	....	....	.13	.58	....	....	....	.88	....	2.65	.05	....	....	....	....	....	....	.15	.04	....	....	....	....	....	....	....	.02	.85	.04	....	....	5.39
Dermott[2]	Mississippi	.07	.87	.02	1.20	....	....	....	....	.53	.63	.01	T.	....	....	....	....	....	1.17	.63	....	....	....	....	....	....	....	....	.55	....	.32	....	6.00
Eleven Point[2]	White	....	....	....	1.63	....	....	.07	....	1.88	1.17	.47	....	....	....	....	....	....	.37	....	....	....	....	....	....	....	....	.22	1.50	....	....	....	7.31
Enders(near)[2]	Arkansas	....	.05	....	....	....	....	....	....	.22	1.33	.18	....	....	....	....	....	....	*	1 67	....	....	....	....	....	....	.70	1.32	1.62	....	....	....	7.09
Evening Shade[2]	White	....	.10	.02	.08	....	....	.01	....	.31	1.84	.18	....	....	....	....	....	....	2.11	.03	....	....	....	....	....	....	....	.31	1.09	.02	....	.04	6.14
Foreman[1]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Forrest City[1]	St. Francis	....	....	.30	....	....	....	....	....	1.98	....	....	....	....	.25	....	....	.09	.89	....	....	....	....	....	....	....	....	.48	....	.40	....	....	4.39
Greenbrier[1]	Arkansas	....	....	....	....	.05	....	....	....	.97	.76	....	....	....	....	....	....	.13	.10	....	....	....	....	....	....	.80	1.33	.39	....	....	....	....	4.43
Green Forest[2]	White	....	....	.30	....	....	....	....	....	*	*	1.60	....	....	....	....	1.00	*	1.30	....	....	....	....	....	....	....	....	*	.90	*	.50	....	5.60
Greenwood[2]	Arkansas	....	.30	....	....	....	....	....	.02	...	.20	1.79	.12	....	....	....	....	1.50	1.24	....	....	....	....	....	....	....	....	T.	.09	.40	....	....	5.66
Hardy[1]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Harrisburg[2]	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Huntsville[2]	White	....	.02	....	.25	....	....	.05	....	*	2.40	.11	....	....	.10	....	....	.94	.08	....	....	....	....	....	....	....	....	.42	....	....	....	.05	4.42
Jacksonville[2]	Arkansas	....	....	.14	....	....	....	....	....	1.30	....	....	....	....	....	....	....	....	.14	....	....	....	....	....	....	....	....	.74	....	....	....	.14	2.46
LaCrosse[2]	White	....	....	.19	....	....	....	....	....	.63	2.02	.20	.25	....	....	....	....	....	.74	....	....	....	....	....	....	....	....	....	2.77	....	....	....	6.80
Lake City[2]	St. Francis	.61	....	....	....	....	....	....	....	.58	.98	.05	....	.09	.24	....	....	.05	.11	.67	....	....	....	....	....	....	....	1.26	1.17	.28	....	....	6.09
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mountain View[2]	White	....	....	T.	....	....	....	....	....	.98	3.12	.09	T.	....	....	....	....	....	.59	....	....	....	....	....	....	....	....	.03	.76	.15	17	....	5.89
Newhope(near)[2]	Ouachita	....	....	....	....	.37	....	....	....	.89	....	....	....	....	....	....	.27	....	....	....	....	....	....	....	....	....	....	....	....	.68	....	....	2.21
Nimrod[2]	Arkansas	.07	.03	....	....	....	.48	....	....	1.48	.06	.15	.06	....	....	....	....	.34	....	....	....	....	....	....	....	....	....	1.66	.60	....	....	....	4.93
Odell (near)	Arkansas	....	....	....	....	....	....	....	*	*	1.25	.15	....	.05	....	.55	....	3.31	....	....	....	....	....	....	....	....	....	*	.73	....	....	....	6.04
Parthenon[2]	White	....	....	1.10	....	....	.37	....	....	1.85	.93	.19	....	....	.44	....	....	1.42	.13	....	....	....	....	....	....	....	.02	.06	....	.49	....	....	7.00
Pottsville[3]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Quitman[2]	Arkansas	....	.57	.28	....	....	....	....	....	*	*	*	*	2.50	....	....	.24	....	.34	.87	....	....	....	....	....	....	.13	1.23	1.35	....	....	....	7.51
St. Paul[2]	White	....	....	.30	....	....	....	....	....	.31	1.85	.66	.70	.02	....	....	....	1.28	.35	T.	....	....	....	....	....	....	....	....	.67	.04	....	....	6.18
Shirley[2]	White	....	T.	.24	....	....	....	....	....	.94	1.84	T.	.14	....	....	....	....	T.	T.	....	....	....	....	....	....	....	....	T.	1.13	.16	....	....	4.45
Solgahachie[2]	Arkansas	....	....	....	....	....	.04	....	....	.58	1.46	.30	....	....	....	....	....	....	1.01	....	....	....	....	....	....	....	.47	....	1.64	.50	....	....	6.00
Sparkman[2]	Ouachita	....	.78	.49	T.	....	....	....	T	1.06	.66	.36	.06	T	....	....	....	....	.53	.49	....	....	....	....	....	....	....	....	.41	T.	....	....	4.84
Tichnor[2]	White	.69	.67	T.	.05	....	T	....	....	.23	1.04	.25	....	....	....	....	....	....	.89	.65	....	....	....	....	....	....	....	....	.55	....	....	....	5.02
Vick[2]	Ouachita	....	....	.52	....	....	....	....	T.	T	T.	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	....	1.02
Wheeling[1]	White	....	....	....	....	....	.05	....	.20	1.61	.44	.30	....	....	....	....	....	1.03	.73	....	....	....	....	....	....	....	....	1.59	....	....	....	....	5.95
Winfrey[1]	Arkansas	....	....	....	.72	....	.10	....	.35	.62	.45	.01	....	....	....	....	....	3.11	....	....	....	....	....	....	....	....	.02	.24	.08	....	....	....	5.70

Daily River Stages for August, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	15.0	16.0	13.1	10.8	8.9	7.6	6.8	6.4	6.2	6.0	5.6	5.3	5.3	5.0
Van Buren	do	22	3.7	3.4	3.1	2.9	2.7	2.6	2.5	2.4	2.5	2.4	2.2	2.7	2.6	2.8	2.9	2.8	3.6	13.4	16.2	13.2	10.6	8.2	6.8	5.6	5.0	4.8	4.6	4.1	3.9	4.0	3 5
Mulberry	Mulberry	18	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.9	1.6	1.4	1.4	1.3	1.3	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0
Danville	Petit Jean	20	2.7	2.7	2.6	2.6	2.7	2.8	2.8	2.6	2.6	2.7	2.7	2.7	2.7	4.9	3.8	3.5	3.1	3.1	11.7	8.8	5.0	4.0	3.6	3.0	2.9	3.1	3.1	3.0	2.9	3.0	3.0
Ozark	Arkansas	22	0.3	0.2	-0.1	-0.2	-0.5	-0.6	-0.8	-0.8	-0.9	-0.8	-0.8	-0.7	-0.6	-0.6	-0.6	-0.4	-0.3	3.8	11.0	9.5	7.1	5.1	3.4	2.3	1.5	1.1	1.0	0.3	0.7	0.8	0.8
Dardanelle	do	22	3.1	2.6	2.3	2.0	1.7	1.5	1.3	1.1	1.0	0.9	1.4	1.3	1.5	1.5	1.6	1.4	1.4	1.7	8.8	13.7	12.0	9.9	8.1	6.4	5.1	4.1	3.8	3.6	3.2	2.8	2.6
Morrilton	do	20	-0.8	-1.4	-1.8	-2.2	-2.4	-2.7	-2.8	-2.0	-3.2	-3 0	-3.0	-3.0	-3.0	-2.9	-2.9	-2.8	-2.9	-2.8	2.6	8.2	9.3	7.4	5.5	3.5	1.8	0 5	-0.3	0.2	-0.6	-1.1	-1.5
Little Rock	do	23	1.6	0.8	0.4	0.0	-0.2	-0.5	-0.7	-0.9	-1.0	-1.0	-1.0	0.0	-0.1	-1.1	-0.9	-0.9	-0.9	-0.9	-0.9	-0.3	8.8	8.7	7.0	5.5	4.1	2.8	1.8	1.3	1.3	1.1	0.8
Pine Bluff	do	25	5.2	4.8	4.2	3.8	3.5	3.2	2.9	2.7	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.4	2.4	2.4	2.4	2.4	6.2	12.2	11.8	10.0	8 4	7.1	5.8	5.1	4.6	4.1	4.1
Gilbert	Buffalo	30	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.5	3.8	3.7	3.9	3.7	3.6	3.4	3.4	3.8	3.8	3.7	3.5	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.1
Doniphan, Mo.	Current	10	2.8	2.8	2.9	2.9	2.9	3.0	3.1	3.8	4.0	3.9	3.8	3.8	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.8	3.8	3.7	3.6
Black Rock	Black	14	1.4	1.3	1.3	2.3	1.9	1.7	2.0	1.9	2.2	2.9	2.8	2.8	2.9	3.6	3.7	3.2	3.1	2.9	3.4	3.0	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.7	2.6	2.4	2.3
Heber Springs	Little Red	30	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	2.2	2.2	2.5	2.7	3.3	3.5	3.5	3.3	3.1	3.0	2.9	2.7	2.6	2.5	2.4	2.4	2.4	2.3	2.2	2.4	2.6	2.5	2.4
OzarkBeachMo	White	30	-0.6	-0.6	-0 6	-0.6	-0.6	-0.6	-0.6	-0.6	0.4	0.7	2.3	4.2	1.2	1.4	0.4	-0.6	1.4	-0.6	-0.1	-0.4	-0.6	0.0	-0.6	-0.6	-0.6	-0.6	-0.6	0.8	2.8	1.0	0.9
Cotter	do	21	2.0	1.9	1.9	1.7	1.7	1.7	1.4	1.4	2.0	2.0	3.9	5.5	4.6	3.4	2.9	3.4	3.3	3.4	3.2	3.0	2.6	2.7	2.6	2.6	2.5	1.8	1.6	4.0	2.8	2.8	3.8
Calico Rock	do	18	1.1	0.9	1.1	1.0	1.0	1.0	1.0	0.7	1.0	1.8	1.4	3.8	4.0	3.6	2.3	2.5	2.1	2.2	2.2	2.4	1.5	2.0	1.9	1.8	1.6	1.4	0.9	1.4	2.5	1.8	2.5
Batesville	do	23	4.9	4.8	4.8	4.8	4.6	6.6	4.5	4.6	4.6	6.2	6.0	5.5	8.6	8.1	7.5	6.3	6.5	6.1	6.1	6.1	6.1	5.4	5.8	5.6	5.4	5.4	5.3	5.0	5.3	6.2	5.7
Newport	do	26	0.7	0.4	0.2	0.6	0.4	0.5	0.3	0.3	0.3	0.7	1.6	2.0	1.8	3.7	3.8	3.4	2.7	2.6	2.5	2.5	2.5	2.1	1.6	1.6	1.5	1.3	1.2	1.2	1.2	1.6	1.8
Georgetown	do	21	2.1	1.7	1.3	1.0	0.7	0.6	0.8	0.8	0.8	1.0	1.2	1.5	2.2	2.6	3.2	4.2	4.5	4.1	3.8	3.6	3.4	3.3	3.2	2.8	2.5	2.4	2.2	2.2	2.0	2.0	2 1
Des Arc	do	24	6.7	6.3	6.0	5.6	5.3	5.2	5.2	5.2	5.2	5.3	5.4	5.5	5.9	6.5	7.0	7.9	8.5	8.5	8.3	8.1	7.8	7.7	7.6	7.5	7.0	6.9	6.7	6.6	6.5	6.5	6.5
Clarendon	do	26	9.2	9.0	8.6	8.2	7.9	7.6	7.4	7.3	7.3	7.5	7.5	7.5	7.7	8.1	8.6	9.1	9.8	10.3	10.5	10.4	10.2	10.1	10.0	9.9	9.7	9.4	9.2	9.0	8.9	8.8	8.7
St. Charles	do	25	9.5	9.5	9.3	8.9	8.7	8.4	8.0	7.9	7.8	8.0	7.9	7.9	8.0	8.2	8.7	9.1	9.6	10.2	....	10.6	10.5	10.4	10.2	10.0	10.0	9.8	9.6	9.4	9.3	9.2	9.1
Glenwood	Caddo	..	5.3	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.5	5.5	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Arkadelphia	Ouachita	17	4.7	4.5	4.4	4.3	4.3	4.0	4.7	4.1	4.0	3.9	4.4	4.1	4.2	4.6	4.2	4.0	4.0	4.1	4.3	4.0	4.0	3.8	4.3	4.8	4.1	3.9	4.5	4.9	4.8	4.6	4.8
Boughton	Little Mo.	20	4.3	5.2	4.8	4.4	4.2	4.0	4.0	3.9	3.8	3.8	3.8	3.9	3.8	3.8	3.9	3.8	3.7	3.8	4.7	4.0	4.6	4.3	4.0	3.8	3.7	3.6	3.6	3.4	3.5	3.4	3.4
Camden	Ouachita	26	5.1	5.3	5.5	6.2	6.2	5.6	5.3	5.0	5.1	5.1	4.7	5.2	5.0	4.9	4.9	4.9	4.7	4.3	4.5	5.0	5.7	5.6	5.2	4.9	4.7	4.9	4.5	4.4	4.6	4 7	4.7
Benton	Saline	20	3.7	3.7	3.8	4.2	4.1	4.0	3.9	3.8	3.6	4.2	4.9	6.0	5.5	5.1	5.0	4.6	4.3	4.4	4.5	4.4	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.7	3.6	3.6
Whitecliffs	Little River	25	3.0	3.0	3.0	3.0	3.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	15.1	18.4	18.0	15.4	10.5	7.0	3.0	3.0	3.0	3.0	2.5	2.5	2.5
Index	Red	25	9.4	8.9	8.5	8.2	7.9	7.5	7.4	7.3	7.3	7.2	7.1	7.1	7.0	7.0	6.6	6.5	6.4	6.4	6.4	8.2	13.9	12.3	12.1	12.5	11.7	10.5	9.6	9.2	8.6	8.2	7.8
Fulton	do	25	8.8	8.0	7.5	6.9	6.6	6.3	6.1	5.8	5.7	5.5	5.5	5.7	5.4	5.2	5.0	4.8	4.8	4.7	7.9	10.1	13.8	14.0	13.2	12.1	11.6	10.0	8.8	8.2	7.7	6.2	6.8
Big Lake Outlet	St. Francis	10	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.7	4.1	4.3	4.3	4.2	4.3	4.4	4.5	4.7	4.6	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.9	3.8	3.8	3.7
St. Francis	do	18	2.7	2.7	2.7	3.0	3.1	3.0	2.8	2.7	3.2	4.4	3.6	5.5	5.2	4.1	3.9	4.2	3.9	4.0	3.9	3.8	3.6	3.5	3.4	3.4	3.7	3.7	3.7	4.7	3.7	3.5	3.4
St. Francis L.L.	do	..	17.3	17.3	17.2	16.7	16.0	15.7	15.8	15.8	17.2	17.1	17.1	17.3	17.6	17.8	17.9	18.1	17.6	17.8	18.0	18.1	18.6	18.9	18.4	18.8	17.2	16.3	15.6	15.8	16.1	16.5	16.7
Marked Tree	do	17	3.4	4.0	3.9	4.5	4.2	4.0	3.6	3.6	1.3	3.6	3.7	3.8	3.8	4.0	4.0	4.0	4.9	4.0	3.9	3.9	3.9	1.4	4.8	4.7	5.4	4.8	4.0	3.5	3.6	3.6	3.5
Parkin	do	28	3.9	3.3	3.5	3.6	3.8	3.9	3.7	3.5	3.3	2.9	2.3	3.5	3.6	3.6	3.7	3.7	3.8	4.2	4.1	3.8	3.7	3.6	2.7	2.9	3.6	4.5	4.4	4.0	3.6	3.4	3.4
Madison	do	32	2.5	2.2	1.9	1.9	1.9	2.1	2.2	2.0	1.9	1.8	1.4	1.5	1.8	1.8	1.9	2.0	1.9	2.0	2.3	2.2	2.0	1.9	1.8	1.4	1.4	1.9	2.4	2.5	2.3	2.0	1.8
Helena	Mississippi	42	6.7	6.4	6.0	5.5	5.3	5.2	5.1	4.9	5.0	5.8	6.3	6.7	6.9	6.8	6.2	5.5	5.1	5.0	4.9	5.6	7.4	9.3	10.9	12.4	13.9	14.7	14.2	12.6	10.8	9.7	9.1
Arkansas City	do	42	3.7	3.7	3.5	3.2	2.7	2.2	2.0	1.8	1.6	1.6	2.0	2.3	2.6	3.0	3.1	2 9	2.4	2.1	1.8	1.7	1.9	3.0	5.4	8.2	9.8	10.6	11.2	11.1	10.0	8.5	7.1

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena, Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass. Mulberry, R 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in he morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 9-20-40-1150

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

/OL. XLV LITTLE ROCK, ARK., SEPTEMBER, 1940 No. 9

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, /ashington D. C.

GENERAL SUMMARY

The mean temperature for September, average for 74 staions, was 71.2°, which is 3.2° below the 50-year average. All tations for which normals have been computed showed negaive departures for this month. Monthly means ranged from :7.4° at Irons Fork in Polk County to 75.2° at Texarkana in Iiller County. This was the coolest September since 1928 vhen the mean was 70.5°. In 1934 the mean temperature vas 71.3° or 0.1° higher than the past month. Temperatures vere above the normal the first nine days of the month and rom the 16th to the 24th, below during the remainder of the ime. Highest temperatures during the month were reported n the 1st, 2d, 8th and 9th, the highest being 100° at Conway n the 9th. Lowest temperatures during the month occurred n the 12th and 27th and on a few other dates, the lowest beng 31° at Gilbert on the 12th. Mount Ida and Thornburg reorted a minimum of 32°, Irons Fork had 33° and Lead Hill nd Rogers 34°. Light frost was reported at numerous westrn and northern stations during the two cold spells, but no amage occurred.

The average precipitation for 107 stations was 1.83 inches, vhich is 1.48 inches below the 50-year average. This was the hird September in succession with rainfall below the normal.)f the stations for which normals have been computed all had egative departures this month except the following: Bentonille, Dumas, El Dorado, England, Fayetteville Experiment tation and Helena. Precipitation was reported at scattered tations the first three days of the month, with heavy amounts eported at a few stations in the northwestern part of the State nd at Pine Bluff, El Dorado and St. Charles. Light to heavy ains were reported from the 23d to the 25th, several stations eporting from two to four inches during this period. Dumas ecorded 3.05 inches on the 24th and 1.30 inches on the 25th. 'ayetteville had 3.12 inches on the 25th, Stuttgart Experiment tation had 2.29 on the 25th and Monticello had 2.15 inches on he 24th. The monthly amounts ranged from 0.08 inch at Fulon in Hempstead County to 8.44 inches at Fayetteville in Washngton County. The greatest amount reported for any 24-hour eriod was 4.53 inches at Fayetteville on the 2d and 3d. The verage number of days with 0.01 inch or more was 4, which s 2 days below the 50-year average.

The cool, dry weather during September was favorable for ll harvesting operations, but was unfavorable for pastures, lanting of small grains and winter legumes, fall gardens and ruck patches. The growth of major crops was retarded by he periods of cool weather. Cotton made good progress the irst two weeks except in those sections that had heavy local ains early in the month. By the third week, cotton picking vas in progress in all sections of the State. Rains of the 23d o 25th retarded cotton harvesting several days. Gathering of arly corn continued during the month with good yields. Late orn had matured over the greater part of the State by the lose of the month. The cutting and harvesting of rice progressed well over the southern portion of the belt but the crop ipened slowly over the northern portion.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmostpheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville..	30.09	30.29	26	29.64	9	4.7	20	s.	2	..	..	..	72
Fort Smith..	30.07	30.35	26	29.75	24	5 6	26	w.	2	30	48	50	67
Little Rock..	30.06	30.32	29	29.73	24	6 3	20	ne.	25	91	52	64	75
Memphis	30.04	30.31	29	29.66	24	6.0	21	n.	25	85	44	61	80

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog.	1	..	.	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	.	..	..	1	2	1	.	..	..	.	.
Light hail	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	.	..	..	..	..		..
Moderate hail .	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	.	..	..
Thunderstorm .	17	20	12	1	..	1	2	..	1	..	..	..	..	..	..	.	..	..	..	.	..	..	1	8	7	..	..	..	..	.

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891............	73.4	102	40	0.94	0	2	22	6	2
1892............	70.8	96	32	2.14	0	3	23	4	3
1893............	74.0	103	36	3.75	0	5	19	5	6
1894............	73.1	100	38	3.56	0	6	14	8	8
1895............	77.1	105	32	1.36	0	4	19	7	4
1896............	73.3	106	35	3.25	0	10	11	9	10
1897............	76.6	108	33	0.60	0	2	21	7	2
1898............	75.2	104	40	7.35	0	8	15	6	9
1899............	71.9	109	28	1.21	0	3	20	7	3
1900............	78.0	104	48	4.25	0	7	12	12	6
1901............	72.6	101	32	3.08	0	4	18	8	4
1902............	68.4	99	30	5.06	0	8	15	8	7
1903............	70.7	102	34	2.47	0	5	18	7	5
1904............	75.4	101	37	2.46	0	5	15	9	6
1905............	74.2	100	44	3.90	0	8	16	7	7
1906............	75.7	100	47	6.24	0	10	11	9	10
1907............	73.9	106	38	2.22	0	4	19	8	3
1908............	73.4	101	29	4 00	0	7	13	8	9
1909............	74.7	108	31	2 84	0	5	18	7	5
1910............	76.4	101	44	2.41	0	5	18	8	4
1911............	79.0	102	46	3.67	0	6	18	9	3
1912............	78.5	106	32	2.40	0	4	18	8	4
1913............	71.7	108	33	10.10	0	13	9	9	12
1914............	74.4	101	38	3.19	0	5	16	9	5
1915............	74.9	100	34	1.43	0	3	16	8	6
1916............	72.5	102	30	3.40	0	6	19	6	5
1917............	71.8	99	37	1.76	0	4	18	7	5
1918............	67.3	104	29	4.63	0	7	16	5	9
1919............	74.6	108	40	2.72	0	4	15	8	7
1920............	74.9	100	30	3.56	0	6	17	6	7
1921............	79.6	104	35	3.38	0	6	14	9	7
1922............	76.2	106	37	1.25	0	3	22	5	3
1923............	73.0	98	45	5.56	0	9	12	7	11
1924............	69.7	103	29	3.99	0	7	17	5	8
1925............	80.5	113	47	5.96	0	7	16	7	7
1926............	76.8	101	40	3.99	0	7	14	8	8
1927............	75.9	105	32	3.37	0	6	15	8	6
1928............	70.5	101	32	0.45	0	1	22	5	3
1929............	73 4	102	41	2.46	0	5	15	8	7
1930............	75.7	106	35	4.10	0	8	15	8	7
1931............	78.4	102	34	1.00	0	3	22	7	1
1932............	73.8	103	35	2 54	0	6	12	10	8
1933............	78.5	102	41	5.10	0	8	15	8	7
1934............	71.3	100	37	5.46	0	8	15	7	8
1935............	72.4	103	35	3.13	0	5	18	5	7
1936............	78.9	109	38	4.15	0	7	12	10	8
1937............	72.7	102	34	4.27	0	7	16	8	6
1938............	75.7	107	32	1.55	0	4	17	10	3
1939............	79.9	112	35	1.77	0	2	22	6	2
1940............	71.2	100	31	1.83	0	4	17	7	6
Period.......	74.4	113	28	3.31	0	6	17	7	6

Corrections

Corrections for July: Greatest 24-hour precipitation: Blytheville, 0.80; Conway, 4.62; Crossett, 2.42; Jessieville, 1.28; Osceola, 1.23; Rogers, 1.46; Waldron, 0.62 inch.

Corrections for August: Greatest 24-hour precipitation: Arkadelphia, 1.58; Bethesda, 2.96; Brinkley, 2.07; Ft. Smith Water Plant, 4.17; Hot Springs, 1.86; Irons Fork, 3.05; Monticello, 1.22; Texarkana, 0.93 inch. Jessieville, number of rainy days, 8; Little Rock Airway, minimum on 8th, 72°, maximum on 9th, 76°, minimum on 10th, 70°, mean maximum, 89.2°; mean temperature, 78.7°. Wabash, highest temperature, 95°, greatest daily range, 31°; Texarkana, number of rainy days, 7.

Climatological Data for September, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	71.8	......	96	9§	40	27	36	0.20	......	0.11	0.0	3	12	12	6	e.	L. R. Water Works
Arkadelphia	Clark	200	45	72.9	......	96	9	40	12	41	0.65	−2.60	0.21	0.0	5	20	4	6	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	2.63	−0.32	0.95	0.0	4	21	6	3	......	Herbert Neff
Batesville Airway	Independence	363	4	70.6	−2.0	99	9	40	27	41	1.45	......	1.13	0.0	2	12	9	9	nw.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	1.82	−1.93	0.92	0.0	2	17^a	7^a	5^a	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	......	......	95	9	......	......	......	1.75	−1.45	1.00	0.0	3	17	4	9	n.	J. E. Scanlan
Benton	Saline	285	5	69.6	......	98	9	36	13	45	0.57	......	0.33	0.0	5	21	7	2	nw.	S. A. Burks
Bentonville	Benton	1295	35	68.7	−2.1	92	1	36	26	35	4.00	+0.32	1.91	0.0	6	14	9	7	s.	U. S. Weather Bureau
Bethesda	Independence	500	1	......	......	......	......	......	......	......	0.92	......	0.54	0.0	3	......	......	......	......	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	0.54	......	0.46	0.0	2	23	4	3	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	0.85	−3.10	0.75	0.0	2	21	1	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	71.8	−2.6	97	9§	40	27	38	1.35	−2.10	1.35	0.0	2	24	2	4	s.	Samuel Norris
Booneville (near)	Logan	465	26	71.5	−4.1	97	1§	37	12§	42	2.90	−0.13	1.19	0.0	5	16	9	5	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	0.32	......	0.22	0.0	3	20	3	7	......	Harry J. Buie
Brinkley	Monroe	205	49	69.6	−5.2	94	9	36	12	42	1.09	−2.89	0.97	0.0	2	12	13	5	ne.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	0.81	−2.56	0.40	0.0	4	16	3	11	......	William Jones
Camden	Ouachita	116	55	72.2	−3.3	98	2	40	12	41	0.98	−2.23	0.55	0.0	4	17	7	6	se.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	2.91	−0.53	1.45	0.0	6	17	4	9	n.	R. M. Wheatley
Clover Bend	Lawrence	235	..	71.0	......	97	8§	36	12	49	1.04	......	0.89	0.0	2	11	15	4	n.	G. E. Tanner
Conway	Faulkner	509	57	72.2	−3.1	100	9	42	12§	40	2.88	−0.59	1.86	0.0	4	22	7	1	s.	E. E. Cordrey
Corning	Clay	293	47	71.3	−1.3	98	9	38	12§	41	1.66	−1.98	1.66	0.0	1	22	4	4	s.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	1.31	−2.10	0.90	0.0	2	18	3	9	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	71.7	−3.8	95	1§	40	12	42	0.80	−1.82	0.80	0.0	1	20	4	6	n.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	0.80	−2.59	0.25	0.0	6	12	11	7	......	J. M. Patterson
Dardanelle	Yell	330	54	73.6	−1.6	97	8	41	27	42	0.63	−2.61	0.33	0.0	4	10	12	8	n.	Geo. N. Goodier
DeQueen	Sevier	426	5	73.2	......	97	9	39	27	40	0.19	......	0.08	0.0	3	20	7	3	s.	E. B. Smith
Des Arc	Prairie	204	2	69.6^h	......	98^h	9	42^h	12§	39^a	2.79	......	1.13	0.0	4	17	2	11	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	65.6	......	86	1§	40	26	25	5.65	......	2.85	0.0	5	19	4	7	ne.	U. S. Forest Service
Dumas	Desha	162	35	73.4	−2.7	99	2§	42	12	41	5.07	+2.18	3.05	0.0	3	12	12	6	s.	Ben Johnson
El Dorado	Union	270	40	74.1	−3.1	98	2	45	26§	32	4.07	+0.92	3.64	0.0	3	20	7	3	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	70.4	−5.0	98	8	41	11	40	5.80	+2.03	3.50	0.0	3	17	9	4	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	70.2	−1.8	93	8	37	26§	37	3.50	−0.72	1.57	0.0	7	18	6	6	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	68.4	......	92	1	37	27	34	8.44	......	4.53	0.0	6	10	12	8	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	68.7	−3.4	90	1§	37	26§	35	7.76	+4.21	3.32	0.0	7	15	8	7	s.	University of Arkansas
Fort Smith	Sebastian	448	59	72.4	−1.6	95	8	45	27	33	2.82	−0.17	2.00	0.0	5	16	5	9	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	3	......	......	......	......	......	......	......	2.46	......	1.17	0.0	4	15	4	11	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	0.08	−2.57	0.05	0.0	2	21	3	6	......	T. J. Logan
Georgetown	Woodruff	200	25	......	......	......	......	......	......	......	1.18	−2.71	0.60	0.0	6	24	0	6	......	C. G. Long
Gilbert	Searcy	600	15	67.6	......	98	8§	31	12	55	1.45	−2.88	0.94	0.0	5	20	1	9	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	2.75	......	1.39	0.0	3	16	7	7	......	C. A. Price
Grannis	Polk	950	21	71.1	−2.5	95	9	39	27	39	0.65	−4.17	0.20	0.0	5	19	8	3	s.	W. E. McVay
Gravette	Benton	1250	43	68.9	−1.9	96	1	36	26§	43	3.44	−0.27	2.21	0.0	5	15	11	4	sw.	Max W. Schmidt
Green Mountain	Stone	1100	3	71.0	......	94	9	41	11§	31	1.12	......	0.62	0.0	2	19	4	7	s.	U. S. Forest Service
Harrison	Boone	1052	40	68.6	−1.6	94	8§	36	27	43	2.72	−1.31	1.07	0.0	5	21	4	5	s.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	1.04	......	0.53	0.0	3	15	6	6	......	Lester B. Logan
Helena	Phillips	300	68	71.5	−3.9	94	9	39	12	45	3.38	+0.30	1.90	0.0	5	16	5	9	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	0.81	−2.88	0.43	0.0	4	20	6	4	n.	Austin E. Cartwright
Highland	Pike	491	21	72.5	......	95	9	41	25	35	0.57	−2.63	0.57	0.0	1	16	10	4	e.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	72.4	−4.2	95	2§	42	12§	41	0.27	−3.23	0.18	0.0	2	18	8	4	ne.	Experiment Farm
Hot Springs	Garland	600	49	72.0	−3.7	98	9	41	13§	40	0.88	−2.62	0.59	0.0	3	18	8	4	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	0.32	−2.46	0.32	0.0	1	26	1	3	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	2	67.4	......	93	9	33	12§	44	1.96	......	1.21	0.0	7	13	14	3	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	0.37	−2.79	0.19	0.0	3	14	10	6	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	71.4	−3.1	97	9	40	27	36	0.53	−2.88	0.31	0.0	2	16	5	9	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	67.8	−4.4	94	8§	34	12§	46	1.33	−1.73	0.72	0.0	5	16	8	6	w.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	72.6	−1.5	96	9	47	26	28	2.17	−1.00	1.06	0.0	4	15	6	9	e.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	71.6	......	96	9	43	12§	37	3.63	......	1.43	0.0	4	15	6	9	......	W. B. Airport Station
Lutherville †	Johnson	775	42	71.0	−3.0	93	8	41	26	36	3.43	−0.48	1.03	0.0	4	16	9	5	e.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	1.10	......	0.50	0.0	3	7	10	13	......	J. W. Eppes
Magnolia	Columbia	315	24	74.2	−2.4	97	7	43	12§	43	1.15	−1.28	0.93	0.0	2	10	17	3	ne.	State Agri. School
Mammoth Spring	Fulton	600	36	69.7	−1.7	96	19	34	27	42	1.10	−2.43	0.58	0.0	2	16	9	5	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	71.0	−3.1	95	9	43	12§	36	1.78	−1.73	0.60	0.0	4	19	9	2	ne.	C. N. Houck
Marked Tree	Poinsett	229	36	70.6	−3.0	96	9	40	27	39	0.74	−2.22	0.52	0.0	2	20	7	3	n.	Charles Walton
Mena	Polk	1207	52	71.2	−2.8	94	9	40	27	37	1.16	−2.76	0.34	0.0	6	18	6	6	w.	E. W. St. John
Monticello, Airway	Drew	273	4	74.0	......	96	2§	44	12	34	2.59	......	2.15	0.0	4	8	9	13	ne.	Airway Observer
Morrilton	Conway	315	21	70.8	−4.2	95	9§	38	27	41	1.25	−1.74	0.97	0.0	4	15	7	8	nw.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	2.16	......	1.01	0.0	3	19	4	7	nw.	C. A. Lovell
Mountain Home	Baxter	800	28	70.1	−1.6	96	9§	35	12§	47	0.70	−3.60	0.40	0.0	2	18	2	10	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	0.63	......	0.32	0.0	5	21	4	5	s.	J. G. Scott
Mount Ida	Montgomery	702	41	70.2	−3.0	98	2	32	27	50	1.60	−2.52	0.72	0.0	3	13	9	8	e.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	1.73	......	0.85	0.0	6	19	7	4	se.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	1.13	......	0.46	0.0	5	16	4	10	......	Clifton Ward
Nashville	Howard	350	2	73.0	......	97	9	43	27	35	0.33	......	0.15	0.0	5	18	7	5	......	H. B. Carruth
Newport	Jackson	231	57	71.6	−2.6	97	9	40	27§	39	0.64	−3.09	0.62	0.0	2	17	10	3	s.	J. D. Henderson
Oden	Montgomery	800	13	71.4	......	94	2§	37	27	42	1.29	......	0.60	0.0	6	17	7	6	s.	U. S. Forest Service
Okay	Howard	288	12	73.0	......	96	2§	40	12§	40	0.76	......	0.61	0.0	2	18	9	3	ne.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	1.93	......	1.50	0.0	2	23	4	3	......	G. H. Banks
Ozark	Franklin	396	45	71.2	−4.5	97	9	40	27	36	2.55	......	0.70	0.0	6	15	2	13	e.	Orkney O. Milton
Paragould	Greene	275	17	69.7	......	94	9	40	27§	35	1.16	−1.61	1.07	0.0	2	24	4	2	n.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	1.58	......	0.90	0.0	3	18	5	7	......	Carroll King
Pine Bluff	Jefferson	215	53	73.8	−1.4	96	9§	47	12§	34	3.18	−0.43	2.07	0.0	5	13	11	6	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	1.40	−1.57	0.73	0.0	3	19	4	7	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	70.8	−2.6	97	9	40	13§	41	0.63	−3.05	0.63	0.0	1	19	6	5	ne.	Benedictine Sisters
Portland	Ashley	122	34	71.0	−5.3	95	9	40	12	39	2.24	−0.25	1.58	0.0	4	15	11	4	ne.	W. E. Edmiston
Prescott	Nevada	318	52	74.7	−1.5	98	9	45	13§	37	0.45	−2.90	0.35	0.0	2	20	5	5	e.	Craig Williams
Rogers (near) †	Benton	1300	50	68.0	−3.2	91	1	34	26	38	3.15	−0.64	1.54	0.0	5	20	3	7	ne.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6	......	......	......	......	......	......	......	1.30	......	0.65	0.0	4	15	9	6	e.	G. A. Maddox
Russellville	Pope	526	28	72.5	−0.9	96	1§	40	26§	41	1.48	−2.57	0.51	0.0	5	22	0	8	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	71.1	......	95	9	41	27	35	3.65	......	2.05	0.0	5	20	1	9	ne.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	1.12	−3.84	0.98	0.0	5	20	0	10	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	72.6	−1.7	97	9	40	27	41	1.55	−1.88	1.13	0.0	5	19	5	6	se	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	0.83	−2.14	0.54	0.0	6	23	0	7	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	0.75	−2.19	0.30	0.0	3	22	3	5	n.	S. C. Story
Stuttgart	Arkansas	214	53	72.4	−2.7	98	9	43	27	37	3.22	−0.28	1.47	0.0	7	19	10	1	se.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	72.1	......	96	9	43	12§	38	2.55	......	2.29	0.0	5	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	43	72.6	−1.7	96	5	41	27	40	1.56	−1.87	0.57	0.0	6	20	3	7	se	New Subiaco Abbey
Texarkana	Miller	332	56	75.2	−6.6	99	9	45	26§	38	0.25	−2.49	0.25	0.0	1	16	9	5	s.	H. S. Brashear
Thornburg (near)	Perry	650	20	69.2	−3.4	98	9	32	27	47	1.51	−1.96	0.89	0.0	3	15	10	5	s.	Edward E. Holmes

Climatological Data for September, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike †	Pope	2240	16	68.2	......	86	20	37	26	33	4.60	−0.55	2.45	0.0	7	20	2	8	ne.	U. S. Forest Service
Wabash	Phillips	179	1	71.1[d]	......	95[d]	9§	41[d]	13§	48[d]	3.16	......	1.48	0 0	3	17[d]	4[d]	5[d]	.....	Ben Rives
Waldron	Scott	675	21	71.3[a]	......	98[a]	17	37	27	42[a]	1.47	−1.70	0.87	0 0	2	12	14	4	ne.	Wilson Ferguson
Warren	Bradley	206	46	73 0	− 3.1	97	9	42	13	40	0.88	−3.16	0.28	0 0	4	11	6	13	ne.	C. N. Turner
Whitecliffs	Little River	290	34	....	......	......	......	......	......	......	0.20	− 2.39	0.10	0.0	2	23	2	5	......	L. M. Snead
White Rock †	Franklin	2285	4	69.4	......	87	1§	42	26	30	1.62	......	0 72	0 0	6	19	4	7	ne.	U. S. Forest Service
Wilson	Mississippi	237	15	70.2	− 3.6	95	9	38	12	37	2.15	−0.01	1.38	0 0	2	25	0	5	s	D. O. Anderson
Wright	Jefferson	234	1	72.6	......	94	1§	42	13	39	3.53	......	1 36	0.0	4	20	9	1	sw.	J. S. Martin
Wynne	Cross	167	32	71.7	− 2 8	97	9	37	12	41	0.75	−2.76	0.45	0.0	2	13	6	11	s.	B. M. Eddins
State Means		..	..	71.2	− 3.2	100	9	31	12	55	1.83	−1.48	4.53	0.0	4	17	7	6	s.	

Daily Precipitation for September, 1940

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Alum Fork Reser. †	Ouachita	.04									T.									T.				T.	.05	.11							0.20
Arkadelphia [2]	Ouachita			.11					.11																.08	.14	.21						0.65
Arkansas City [2]	Mississippi			.49																		T.			.54	.95	.65						2.63
Batesville Airway †	White		T.								T.													T.	1.13	.32							1.45
Batesville River [2]	White											T.													.90	.92							1.82
Bee Branch	Arkansas	T.	.25								T.														.50	1.00							1.75
Benton [2]	Saline	.04		.02																					.33	.13	.05						0.57
Bentonville [1]‡	Arkansas		.08	1.84	T.						.03				T.							T.	T.	.89	1.14	.02							4.00
Bethesda ***	White		.08																						.54	.30							0.92
Big Lake Outlet †[2]	St. Francis											T.													.08	.46							0.54
Black Rock [2]	White																								.10	.75							0.85
Blytheville [2]	St Francis																								.85	.50							1.35
Booneville	Arkansas		.85	.34																				.20	1.19	.32							2.90
Boughton †[2]	Ouachita			.02																					.08	T.	.22						0.32
Brinkley	White																								.97	.12							1.09
Calico Rock [2]	White			T	T.	.01	T.					T.						T.						T.	.37	.40	.03						0.81
Camden [2]	Ouachita			.34																	.02				.55		.07						0.98
Clarendon [2]	White	.10	.01					1.08																	.20	1.45	.07						2.91
Clover Bend	White		.15																						.89								1 04
Conway	Arkansas	.78		.04																					.20	1.86							2.88
Corning [2]	White																								.29	1.37							1.66
Cotter [2]	White																								.41	.90							1.31
Crossett [near]	Ouachita																							T.	.80								0.80
Danville [2]	Arkansas			.06	T.				.25															.06	.22	.17	.04						0.80
Dardanelle [2]	Arkansas			.04	.06							T													.33	.25							0.68
De Queen	Red				03																			.08	.08								0.19
Des Arc [2]	White		.82		T.							T.													.73	1.13	.11						2.79
Devils Knob †	Arkansas		1.15	.88	.06						T													T	.74	2.85							5.68
Dumas	Mississippi	T.	.72														T						T.		3.05	1.30							5.07
El Dorado [2]	Ouachita			3.64																	T				.37	.06	T.						4.07
England	Arkansas	3.50																			T.			.60	1.70								5.80
Eureka Springs	White	.10		1.23	.03						.15													.42	.15	1.42							3.50
Fayetteville	White		3.27	1.26	T.						T.						T					T.	.01	.62	.16	3.12							8.44
Fayetteville Exp. S	White		1.59	2.07	02						T.						T.					T.	.03	.73	.16	3.16							7.76
Fort Smith [1]‡	Arkansas		.13	2.00				T.			T.			T.	T.							T.	T.	.17	.16	.36							2.82
Fort Smith W. †[2]	Arkansas				.87																			34	.08	1.17							2.46
Fulton [2]	Red																								.03	.05	T.						0.08
Georgetown	White		.10	.03																					.25	.60	.20						1.18
Gilbert [2]	White				.14																			.03	.32	.94	.02						1 45
Glenwood [2]	Ouachita			1.39																					.89	.47							2.75
Grannis	Red			T.	.20		.04														T	T	T.	.20	.08	.13							0.65
Gravette [2]	Arkansas		.22		2.21	T.							.03												.47	.51	T						3.44
Green Mountain †	White	T.	T.	T.													T.								.62	.50							1.12
Harrison	White	.17		.33							T.				T.		T.							.25	.90	1.07							2.72
Heber Springs [2]	White	T.	T.									.04													.47	.53							1.04
Helena [2]	Mississippi		80	.21																					.17	1.90	.30						3 38
Higden	White	.04			T.						.04						T								.30	.43							0.81
Highland	Ouachita																									.57							0.57
Hope ‡‡[2]	Red																					T.	T	T.	.08	.01	.18						0.27
Hot Springs	Ouachita		.59	T.																					.05	.24							0.88
Index †[2]	Red																									.32	T.						0.32
Irons Fork †‡‡[2]	Ouachita	.03	.15	.29	.01																T.			.18	.09	1.17	.04						1.96
Jessieville	Ouachita		.19																					T.	.02	.16							0.37
Jonesboro [2]	White																								.22	.31							0.53
Lead Hill	White	T.	03	.05	T.						T.						T.					T.		.18	.35	.72							1.33
Little Rock [1]‡	Arkansas	58									T						T					T.		.02	.63	.94							2.17
LittleRock Air'y [1]‡	Arkansas	1.43									T.											T.		.01	1 34	.85							3.63
Lutherville †	Arkansas		.87	1.03							T.													T.	.51	1.02							3.43
Madison [2]	St. Francis			.30																					.50	.30	T.						1.10
Magnolia	Red			.93																					.22								1.15
Mammoth Spg [2]	White			.58								T.													.34	.18							1.10
Marianna	St. Francis		56				.07																		.60	.55							1.78
Marked Tree [2]	St. Francis			T.																					.22	.52							0.74
Mena [2]	Ouachita			.21	.18												T.				.05	T.	T.	.16	.22	.34							1.16
Monticello Air ‡	Ouachita		.03	.15													T.					T		T.	2.15	.26							2.59
Morrilton [2]	Arkansas			.20																			T.	T.	.08	.95	.02						1.25
Mountainburg	Arkansas		T.	.87	T.																	T	T.	.28	T	1.01							2.16
Mountain Home	White										T.						T.								.30	.40							0.70
Mountain Valley	Ouachita		.06	.08													T.						T.	.08	.09	.32							0.63
Mount Ida	Ouachita		.72																						.60	.28							1.60
Mount Ida CCC	Ouachita	T.	.77	.05				.02																.04	.56	.29							1.73
Mulberry †[2]	Arkansas			T.	.46						T.	.05												.26	.03	.33							1.13
Nashville	Red		.02					.01															T	.10	.05	.15							0.33
Newport [2]	White			.02																					.28	.34							0.64
Oden	Ouachita	.02	.27	.03																			.06	T.	.31	.60							1.29
Okay	Red																							T.	.15	.61							0.76
Osceola [2]	Mississippi																								.43	1.50	T.						1.93
Ozark [2]	Arkansas			.66	.70						T.													.50	.21	.45	.03						2.55

Daily Precipitation for September, 1940 Continued

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Paragould	St. Francis										T.														1.07	.09						1.16
Parkin ²	St. Francis			.90																					.27	.41	T.					1.58
Pine Bluff ²	Arkansas	.35	2.07	T.																					.35	.25	.16					3.18
Pine Ridge ²	Ouachita			.26																					.41	.73						1.10
Pocahontas	White																								.63							0.63
Portland ²	Ouachita			.18																					1.58	.48						2.24
Prescott ²	Ouachita																							T.	.07	.35	.03					0.45
Rogers (near) †	White			1.54	.02																		.01	.53		1.05						3.15
Rosebud †	Arkansas	.20		.06							T														.65	.39						1.30
Russellville ‡‡	Arkansas		.24	.51							T.													.01	.36	36						1.48
St. Charles ²	White	.25	.17	1.00																					.18	1.78	.27					3.65
St. Francis ²	St. Francis										.04	.04					T.	.02							.04	.98						1.12
Searcy ²	White		.35	.03								.04													61	.52						1.55
Spring Bank †²	Red			.54																	T.	.03	T.	.05	.12	.06	.03					0.83
Story ²	Ouachita		.23																.30	T					.22							0.75
Stuttgart ²	Arkansas		.64	.04			.14	.08															T.		.73	1.47	.12					3.22
Stuttgart ‡‡²	Arkansas	.03	T.	06			T.	.02															T.		.15	2.29						2.55
Subiaco	Arkansas		.06	51	.01															T.			T.	.07	.41	.50						1.56
Texarkana ²	Red																								.25	T						0.25
Thornburg	Arkansas	T	T	.89												T	T.			T.			T	T.	.07	.58						1.54
Turnpike †	Arkansas	.14	1 60	.85							.01											T.		.02	.79	1.19						4.60
Wabash	Mississippi		.25																						1.43	1.48						3.16
Waldron	Arkansas	.60																				T	T.			.87						1.47
Warren	Ouachita	T	.20	T																				.15	.28	.25						0.88
Whitecliffs ²	Red																									.10	.10					0.20
White Rock †	Arkansas			.72	.02	T.					.04												T.	.30	.04	.50	T.					1.62
Wilson ²	Mississippi																								.80	1.35						2.15
Wright	Arkansas	1.21		.35	T.																				.61	1.36						3.53
Wynne ²	St. Francis																								.30	.45						0.75

Daily Temperatures for September, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	93	93	83	87	90	91	91	91	96	94	72	74	81	84	85	96	90	92	94	89	86	86	83	82	77	70	74	78	80	81	85.4
	Minimum	69	67	65	68	65	65	66	65	69	64	49	43	45	49	54	59	58	56	62	63	68	66	70	66	53	45	40	43	46	51	58.3
Arkadelphia §§	Maximum	92	95	89	89	91	94	95	94	96	80	77	77	81	84	87	88	91	95	94	90	89	86	89	87	69	72	75	82	80	83	86.4
	Minimum	70	70	65	66	68	69	69	62	66	66	49	40	41	44	50	58	58	58	61	65	70	69	69	68	60	45	44	41	46	44	58.4
Batesville ***	Maximum	89	82	86	86	92	93	93	96	99	70	72	78	83	87	88	88	90	94	96	95	90	91	82	78	65	69	73	79	80	80	84.8
	Minimum	65	66	61	69	66	62	63	62	69	50	41	42	42	50	53	58	62	56	61	62	66	67	69	68	46	42	40	42	45	49	56.5
Bee Branch	Maximum	91	90	88	81	89	91	92	93	95	92	70	75	80	82	83	85	87	91	93	91	89	90	88	85	80	70	73	78	80	80	85.1
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Benton §§	Maximum	96	93	90	88	92	95	95	95	98	74	75	78	79	82	86	88	90	92	93	89	90	91	90	86	68	71	73	78	80	80	85.8
	Minimum	64	65	65	64	62	61	62	61	64	64	44	38	36	38	41	50	53	53	54	59	59	60	64	66	59	42	37	37	37	45	53.5
Bentonville ***	Maximum	92	89	75	76	86	88	89	90	92	72	67	73	79	81	79	85	86	86	88	89	79	80	76	81	63	64	71	75	75	77	80.1
	Minimum	69	68	66	67	67	65	66	66	69	48	41	40	44	57	61	61	61	62	61	63	65	66	66	59	44	36	39	44	48	50	57.3
Blytheville	Maximum	90	83	88	86	93	92	90	96	97	87	74	77	82	87	88	84	92	97	95	93	95	90	93	86	77	66	73	79	79	78	86.2
	Minimum	66	60	62	63	62	64	63	63	69	67	43	41	45	51	54	61	59	59	63	65	65	68	70	70	53	43	40	43	46	47	57.5
Booneville	Maximum	97	96	77	85	90	93	93	94	97	88	74	77	83	85	86	91	92	95	94	93	86	84	79	85	78	68	74	78	81	81	85.8
	Minimum	67	67	65	68	67	64	65	64	65	61	42	37	41	48	57	62	61	57	59	63	68	67	67	65	56	41	37	42	46	48	57.2
Brinkley	Maximum	90	86	89	85	92	92	90	90	94	86	70	73	78	83	85	88	89	93	91	89	86	91	88	80	69	65	70	75	78	77	83.7
	Minimum	68	68	62	66	63	65	66	61	68	60	42	36	38	41	47	55	54	57	61	61	69	64	68	67	50	42	40	38	42	47	55.5
Camden	Maximum	95	98	90	93	91	95	94	94	94	75	75	77	82	84	88	90	91	96	96	97	96	92	93	84	78	70	75	80	81	81	87.5
	Minimum	69	68	65	67	65	66	67	64	65	64	48	40	41	45	51	57	56	57	61	60	61	67	69	69	55	41	41	41	44	42	56.9
Clover Bend	Maximum	90	86	89	90	91	94	91	97	97	76	72	78	83	82	95	94	81	93	94	95	90	92	87	86	73	74	78	79	81	80	86.3
	Minimum	64	63	61	65	63	63	68	67	66	61	42	36	39	53	46	47	62	64	59	59	63	61	62	68	47	51	50	37	41	46	55.8
Conway	Maximum	95	86	78	84	90	95	95	97	100	90	75	80	83	80	78	87	86	94	96	95	91	90	89	82	75	72	75	74	79	77	85.6
	Minimum	70	71	67	69	66	66	67	65	69	62	46	42	43	48	53	60	56	58	62	63	69	69	71	69	55	45	42	43	46	50	58.7
Corning	Maximum	90	86	90	90	93	93	93	97	98	81	73	79	83	88	85	88	94	96	96	97	93	94	89	80	69	70	74	80	82	81	86.7
	Minimum	64	59	62	62	61	61	60	62	68	57	39	38	42	50	56	60	63	63	61	63	61	68	68	69	53	41	38	39	44	46	55.9
Crossett	Maximum	95	96	89	91	92	93	94	90	95	83	73	76	80	86	88	89	91	93	92	85	87	91	90	87	79	69	72	77	79	80	86.1
	Minimum	67	69	66	67	65	66	67	63	63	65	56	40	41	44	49	56	56	58	61	61	67	66	67	69	54	43	42	41	44	46	57.3
Dardanelle	Maximum	96	93	78	88	92	95	95	97	96	91	76	77	85	87	86	88	92	94	95	94	87	86	82	83	79	72	74	79	82	83	86.7
	Minimum	70	72	68	69	67	74	67	67	68	65	47	42	43	50	57	63	59	60	62	83	70	70	71	68	57	46	41	43	45	51	60.5
De Queen	Maximum	95	95	91	91	93	94	95	95	97	88	76	80	82	85	84	91	92	94	94	92	84	86	80	88	80	74	76	80	83	85	87.3
	Minimum	69	71	67	70	71	66	69	67	66	67	48	41	44	45	52	62	60	59	60	64	65	69	69	68	63	41	39	44	45	48	59.0
Devils Knob	Maximum	86	84	71	74	83	85	86	86	86	79	63	68	73	73	72	79	82	83	85	85	79	77	75	76	71	62	66	68	72	73	76.7
	Minimum	67	64	63	65	65	68	70	71	69	54	43	48	53	58	63	64	64	67	70	69	70	70	64	63	46	40	44	49	55	57	60.4
Dumas	Maximum	96	99	91	92	99	95	94	94	98	85	76	78	84	87	90	91	94	97	94	90	88	91	94	83	74	70	73	77	80	80	87.8
	Minimum	70	68	66	68	65	68	69	65	68	61	45	42	43	46	61	68	58	60	65	63	70	65	69	68	53	43	43	45	45	48	58.9
El Dorado	Maximum	94	98	91	91	92	94	93	92	96	85	73	75	80	85	87	89	92	95	93	84	86	90	93	84	75	70	73	77	81	82	86.3
	Minimum	71	74	67	70	68	70	70	71	68	71	54	47	48	53	56	61	63	64	67	66	70	70	71	75	58	45	45	45	48	52	61.9
England	Maximum	95	90	90	86	91	94	91	98	82	71	75	80	84	87	87	91	92	94	93	86	91	92	89	76	67	72	77	79	79	80	85.3
	Minimum	63	68	68	68	65	65	62	69	60	45	41	42	44	50	52	56	55	57	59	57	62	68	66	51	43	42	43	44	49	49	55.4
Eureka Springs	Maximum	90	86	79	75	87	90	91	93	91	86	78	74	81	84	82	85	90	88	90	91	82	80	79	83	68	66	72	76	77	78	82.4
	Minimum	66	66	65	66	65	65	65	65	70	58	41	39	49	60	60	62	62	63	65	65	65	67	64	64	47	37	37	43	47	50	57.9
Fayetteville	Maximum	92	91	72	75	85	88	88	89	90	81	67	72	79	78	79	85	86	86	87	88	79	77	75	80	68	65	70	74	74	76	79.9
	Minimum	68	66	65	67	65	65	64	64	66	53	40	38	45	51	58	60	62	60	58	62	63	67	65	65	51	38	37	43	46	51	56.8
Fayetteville Exp. S	Maximum	90	90	72	76	85	87	88	90	89	86	67	73	78	80	80	85	85	86	88	88	83	79	78	82	69	65	71	75	75	76	80.5
	Minimum	67	67	66	67	65	65	65	64	67	54	40	38	44	54	58	60	60	59	59	62	63	67	65	65	52	37	37	41	46	52	56.9
Fort Smith***	Maximum	94	91	71	80	88	90	92	95	93	79	71	75	82	79	84	88	90	92	93	90	83	83	76	83	68	67	70	76	80	82	82.8
	Minimum	72	71	69	69	70	70	71	71	70	55	50	47	49	56	62	66	64	64	66	68	71	70	69	65	51	46	45	50	54	58	62.0
Gilbert§§	Maximum	93	89	74	83	90	93	94	98	98	70	71	78	85	90	88	87	93	93	95	94	87	89	80	82	66	70	74	79	80	79	84.7
	Minimum	61	61	60	64	62	56	56	56	61	62	33	31	33	35	49	55	49	48	49	50	60	63	64	62	48	33	34	35	39	42	50.4
Grannis	Maximum	94	93	88	90	80	93	91	91	95	83	74	77	81	83	84	89	90	92	93	90	81	78	78	87	76	70	77	79	81	83	84.7
	Minimum	65	67	63	65	67	64	65	67	65	59	44	40	42	45	50	62	68	67	58	65	67	67	65	65	56	40	39	43	45	51	57.5
Gravette§§	Maximum	96	92	75	74	84	89	90	92	94	67	69	77	81	83	82	87	88	89	90	91	80	80	76	81	82	65	73	77	78	80	82.1
	Minimum	65	68	65	66	66	63	64	63	65	58	37	37	38	46	55	60	60	60	61	62	64	66	65	63	52	36	36	38	43	50	55.7
Green Mountain	Maximum	88	82	77	79	84	87	87	91	94	90	66	72	79	84	84	81	89	90	92	88	86	88	82	77	74	70	69	74	77	75	81.9
	Minimum	65	66	63	67	67	67	66	67	70	59	41	41	52	57	63	63	70	67	70	70	68	69	67	62	46	41	44	50	53	54	60.2
Harrison	Maximum	90	86	75	76	86	88	89	94	94	82	69	75	83	86	81	85	90	90	92	90	83	84	79	80	70	65	68	74	75	73	81.7
	Minimum	66	66	67	67	63	62	62	63	68	55	41	38	40	50	59	57	58	55	56	60	63	68	67	65	50	37	36	38	47	43	55.6
Helena	Maximum	87	87	89	86	90	92	89	89	94	84	68	71	88	82	85	88	91	93	90	88	87	92	92	83	78	67	74	75	78	78	84.5
	Minimum	67	68	64	65	67	69	70	64	67	63	46	39	43	48	50	59	59	59	65	67	69	65	68	68	51	43	44	48	48	52	58.5
Highland	Maximum	94	94	88	88	89	87	90	90	95	87	77	72	81	84	85	89	90	92	91	89	85	86	81	84	78	74	72	79	80	82	85.1
	Minimum	69	70	64	69	68	67	66	75	69	65	45	46	48	70	53	54	59	60	64	64	67	68	66	66	56	41	42	44	48	53	59.9
Hope §§ ‡‡	Maximum	94	95	92	91	91	95	95	94	95	81	75	77	82	85	88	91	92	94	94	90	85	83	88	87	68	70	75	79	81	83	86.3
	Minimum	71	70	65	67	67	67	68	67	66	67	51	42	42	45	47	58	59	58	60	63	65	68	69	69	62	46	42	43	44	49	58.6
Hot Springs	Maximum	94	94	85	86	90	92	92	93	98	92	73	76	81	84	87	87	91	94	94	89	86	88	85	82	79	75	73	78	80	81	86.0
	Minimum	70	66	64	68	64	65	66	65	69	60	45	43	41	49	54	61	59	60	65	59	69	62	70	68	55	45	41	43	46	50	58.1

Daily Temperatures for September, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Irons Fork §§‡‡	Maximum	91	91	82	87	89	90	91	91	93	69	70	74	80	82	83	87	89	91	90	90	81	81	73	80	67	68	74	77	78	79		82.3
	Minimum	61	62	61	65	60	58	59	60	59	62	40	33	36	40	48	55	53	54	55	57	63	63	64	62	55	36	33	36	39	42		52.4
Jonesboro	Maximum	89	82	88	86	91	93	91	95	97	88	70	76	81	86	88	85	91	94	93	94	92	92	91	82	71	66	72	78	79	78		85.3
	Minimum	65	64	62	65	65	64	63	64	71	60	43	42	45	54	53	60	60	59	62	64	65	69	69	68	51	43	40	43	46	47		57.5
Lead Hill	Maximum	90	87	76	78	89	91	91	94	92	79	69	75	83	88	83	86	91	91	93	94	87	85	80	82	69	69	71	59	70	80		82.4
	Minimum	63	60	64	66	65	60	59	60	64	56	35	34	37	47	59	57	54	53	54	57	59	67	67	65	51	35	34	35	39	42		53.3
Little Rock ***	Maximum	91	86	85	83	89	91	90	91	96	78	70	73	79	82	83	83	87	91	90	89	86	88	86	80	69	66	68	74	76	78		82.6
	Minimum	69	72	69	72	72	70	71	69	73	59	52	50	51	55	58	64	62	65	69	68	73	72	71	67	53	47	48	47	51	56		62.5
Little Rock *** [Airway]	Maximum	91	88	86	85	90	93	92	93	96	77	74	75	80	83	85	85	89	92	93	90	88	90	88	83	69	68	72	76	78	80		84.3
	Minimum	69	69	68	70	68	70	70	65	70	55	49	43	43	46	51	59	57	59	62	63	70	68	70	67	51	46	46	43	46	51		58.8
Lutherville	Maximum	91	88	72	76	88	90	91	93	90	83	70	73	82	83	82	85	89	91	92	91	83	83	79	82	75	70	74	76	78	79		82.6
	Minimum	68	66	65	68	67	68	68	67	68	60	43	42	46	53	58	64	62	60	64	66	69	70	68	67	52	41	43	45	46	55		59.3
Magnolia	Maximum	94	96	94	94	94	95	97	96	95	90	76	80	82	85	89	90	93	95	95	91	90	89	92	88	85	73	77	81	84	85		88.8
	Minimum	70	72	66	70	68	68	69	67	66	68	60	43	44	45	46	60	60	60	64	66	65	63	70	70	60	44	43	44	47	50		59.6
Mammoth Spring	Maximum	87	88	86	84	88	90	90	95	95	83	70	76	81	85	86	85	89	91	96	94	88	88	80	78	75	73	73	78	80	68		84.0
	Minimum	76	62	62	65	63	60	63	61	65	57	38	37	40	47	56	62	54	55	61	59	59	67	65	68	68	38	34	36	40	43		55.4
Marianna	Maximum	89	85	86	86	91	91	89	90	95	90	72	73	78	81	84	85	88	90	88	87	87	89	90	84	73	66	69	74	77	78		83.5
	Minimum	69	68	64	66	66	68	68	65	70	65	45	43	43	45	50	56	58	60	64	65	70	66	70	70	53	46	43	44	45	48		58.4
Marked Tree §§	Maximum	89	80	89	89	93	95	92	94	96	74	70	75	81	85	86	88	92	94	94	94	92	94	91	74	60	68	73	79	81	80		84.7
	Minimum	65	65	61	65	63	65	63	63	68	66	44	43	42	47	51	58	58	57	61	63	65	65	68	67	51	42	40	41	43	48		56.6
Mena	Maximum	93	92	85	88	90	91	92	90	94	78	71	77	82	84	85	89	91	93	91	90	81	82	77	82	74	67	74	77	78	82		84.0
	Minimum	69	72	66	68	68	64	65	66	65	59	44	43	45	50	53	59	58	59	60	62	68	68	67	66	57	47	40	50	46	49		58.4
Monticello ***	Maximum	92	96	90	91	92	94	94	92	96	85	73	75	80	85	87	90	92	95	93	88	87	91	91	83	77	62	73	77	80	81		86.1
	Minimum	70	70	68	70	68	72	71	65	70	68	50	44	46	52	59	64	62	69	67	68	68	71	71	68	54	46	47	48	52	56		61.8
Morrilton §§	Maximum	94	82	84	85	90	94	93	94	95	73	73	72	84	85	86	84	90	95	93	93	89	90	86	85	67	69	73	78	80	81		84.6
	Minimum	71	71	67	68	64	63	65	63	67	70	44	39	43	44	52	58	54	54	59	59	67	67	69	67	57	43	38	39	41	48		57.0
Mountain Home	Maximum	93	87	77	79	91	94	94	95	96	80	71	77	85	89	85	85	92	94	96	95	90	89	84	84	68	80	82	81	82	82		85.9
	Minimum	62	65	62	66	64	60	62	61	67	55	37	35	38	48	56	59	55	54	57	60	61	68	64	64	47	38	35	39	45	44		54.3
Mt. Ida	Maximum	97	98	85	87	91	95	96	95	97	79	76	80	85	87	87	91	94	94	95	92	88	87	81	84	74	70	76	80	81	83		86.8
	Minimum	66	66	63	68	60	60	61	66	62	62	40	34	35	39	48	55	54	52	55	58	66	65	67	67	56	36	32	35	38	42		53.6
Nashville	Maximum	95	95	90	90	91	93	94	94	97	80	75	77	80	83	85	89	91	90	92	90	85	85	82	85	81	70	73	77	80	83		85.8
	Minimum	70	68	67	71	68	70	66	67	67	68	50	46	46	48	54	63	62	65	64	68	70	70	70	61	55	46	43	46	48	51		60.3
Newport	Maximum	90	81	88	88	92	95	93	96	97	86	74	77	80	85	87	87	92	93	95	95	90	91	90	81	73	70	73	78	82	82		86.0
	Minimum	66	69	63	68	66	65	64	64	70	65	44	42	42	46	52	59	57	57	61	62	66	65	70	69	54	43	40	40	43	47		57.3
Oden ***	Maximum	93	94	86	87	92	93	92	93	94	74	73	77	83	85	85	91	92	94	94	91	86	85	79	85	72	76	77	78	81	82		85.5
	Minimum	67	68	66	70	64	64	65	66	66	54	48	40	41	46	53	59	60	58	60	62	70	69	70	69	47	43	37	42	42	51		57.2
Okay	Maximum	95	96	94	91	92	94	94	94	96	95	79	80	82	84	87	90	91	94	93	92	87	84	83	88	80	70	74	78	80	82		87.3
	Minimum	70	71	66	72	68	66	67	65	65	67	51	40	43	45	51	61	91	61	62	64	62	69	69	69	61	42	40	44	46	47		58.8
Ozark	Maximum	95	92	72	81	89	93	93	95	93	87	74	76	83	82	85	88	90	91	97	92	84	82	79	83	73	71	72	76	80	82		84.3
	Minimum	68	66	65	63	64	65	67	66	67	61	42	42	45	50	57	63	60	58	61	64	68	68	68	66	55	42	40	44	47	52		58.1
Paragould	Maximum	85	82	85	85	88	90	89	92	94	86	67	73	77	82	83	83	86	90	90	91	91	92	90	82	70	65	68	73	77	77		82.8
	Minimum	65	61	62	63	64	65	62	64	70	62	45	42	42	48	52	59	58	56	59	62	63	68	69	69	51	46	40	40	48	43		56.6
Pine Bluff	Maximum	91	92	89	89	90	93	93	92	96	86	72	76	81	85	88	88	92	96	92	89	85	89	90	83	75	70	74	78	81	82		85.9
	Minimum	61	68	69	71	70	71	72	68	72	65	52	47	47	51	57	62	62	63	67	67	73	71	72	70	54	47	47	47	48	55		61.6
Pocahontas	Maximum	89	86	88	89	91	92	91	95	97	92	70	76	80	86	86	83	91	93	95	94	91	94	86	81	74	69	72	78	81	80		85.7
	Minimum	65	61	62	63	63	65	63	62	69	57	43	44	40	45	52	59	58	56	57	60	61	69	68	67	51	42	40	39	42	52		55.8
Portland	Maximum	90	94	85	89	90	94	91	91	95	85	71	73	79	83	87	88	91	93	91	85	87	90	90	84	76	68	70	76	79	80		84.9
	Minimum	67	68	65	65	64	66	67	63	62	66	48	40	41	44	48	55	56	59	63	62	65	65	65	67	57	44	42	44	45	48		57.0
Prescott	Maximum	96	96	92	90	92	95	95	94	98	95	75	77	82	86	89	90	93	95	96	93	86	85	90	87	85	71	75	80	81	83		88.1
	Minimum	71	73	66	70	68	69	71	69	71	70	51	46	45	49	56	61	62	61	65	67	71	70	71	69	58	47	45	45	49	53		61.3
Rogers	Maximum	91	89	74	75	85	86	88	89	90	83	66	71	79	82	78	85	88	89	89	89	81	77	75	78	71	63	70	74	76	77		80.3
	Minimum	67	67	65	67	66	64	63	63	63	53	39	37	41	53	60	60	59	58	58	60	62	67	65	64	52	34	35	38	45	48		55.8
Russellville ‡‡	Maximum	96	93	77	85	90	94	94	96	96	94	74	78	85	87	88	88	93	96	96	93	88	87	83	84	80	72	75	78	82	83		86.8
	Minimum	69	69	67	69	66	64	67	65	68	65	44	42	42	48	56	62	57	57	60	63	69	68	70	68	55	40	40	42	43	50		58.2
St. Charles §§	Maximum	91	91	89	87	91	93	90	90	95	76	73	75	78	81	87	87	89	92	90	88	88	90	91	80	60	68	71	76	80	79		83.9
	Minimum	68	69	65	65	64	67	68	64	69	70	45	44	45	47	52	57	58	60	64	63	68	65	68	68	53	43	41	44	46	49		58.3
Searcy	Maximum	92	86	89	88	94	96	95	96	97	86	73	78	83	86	88	88	93	95	95	94	90	94	90	83	74	69	75	80	82	82		87.0
	Minimum	69	69	64	68	66	67	69	64	71	60	44	42	43	45	53	58	57	58	62	62	70	67	71	68	55	45	40	42	45	52		58.2
Stuttgart	Maximum	92	91	91	90	93	94	93	94	98	84	73	75	80	85	88	89	92	94	93	89	89	91	92	79	73	68	72	72	80	80		85.8
	Minimum	66	67	68	67	67	68	68	66	70	65	46	45	44	48	52	58	59	60	66	65	70	68	70	68	54	44	43	44	47	52		59.1
Stuttgart ‡‡§§	Maximum	91	92	91	89	93	94	93	93	96	76	75	75	80	84	86	88	92	94	92	89	90	91	92	89	63	68	72	76	79	80		85.4
	Minimum	69	68	66	67	67	68	68	64	68	71	45	43	43	46	51	57	58	60	64	64	70	67	68	69	53	44	43	46	47	51		58.8
Subiaco	Maximum	95	92	74	85	96	92	93	94	94	86	72	76	85	86	85	90	92	94	93	95	85	84	80	83	76	70	74	78	80	83		85.4
	Minimum	69	69	66	69	66	67	68	67	71	62	48	44	45	51	58	64	61	60	63	65	70	70	69	67	54	44	41	44	48	54		59.8
Texarkana	Maximum	96	94	94	95	94	96	95	95	99	89	78	79	85	88	89	91	94	97	94	92	86	83	82	88	81	74	79	82	85	85		88.6
	Minimum	72	73	67	73	70	69	70	65	68	68	53	47	47	50	55	65	62	63	63	67	70	70	72	70	62	45	45	48	50	53		61.8
Thornburg	Maximum	95	90	87	84	91	93	93	94	98	78	72	77	81	84	86	88	93	93	92	94	88	87	86	83	72	71	76	80	81	82		85.6
	Minimum	66	65	64	67	66	58	60	60	63	58	40	35	35	41	54	57	50	51	55	55	65	63	68	65	53	34	32	33	35	35		52.8
Turnpike	Maximum	84	85	73	79	83	84	85	85	85	78	63	79	73	77	76	78	82	84	85	86	78	78	74	75	70	62	67	71	74	73		77.5
	Minimum	64	62	62	65	65	66	67	70	71	51	42	46	50	55	61	64	63	65	68	67	68	68	65	61	42	37	42	47	54	55		58.8
Waldron	Maximum	95	95	85	88	90	93	93	93	95	..	82	78	82	84	85	90	98	93	92	90	85	84	78	85	80	71	76	80	80	82		86.3
	Minimum	67	68	65	68	65	62	64	64	64	61	43	38	40	45	55	60	57	56	58	60	68	67	66	65	56	40	37	40	43	46		56.3
Warren	Maximum	92	95	91	91	92	95	94	92	97	88	74	75	80	86	88	88	92	96	94	90	86	91	93	85	78	70	73	78	80	81		86.8
	Minimum	70	68	67	68	65	68	68	65	66	68	48	45	42	46	53	57	68	60	64	62	69	68	69	68	53	44	46	44	46	50		59.5
White Rock	Maximum	87	87	74	73	82	85	86	86	87	82	64	71	75	75	77	80	83	84	85	86	79	78	73	79	72	67	73	70	75	75		78.3
	Minimum	64	67	63	64	69	69	69	70	68	52	45	45	54	59	61	65	65	67	68	67	70	69	64	63	47	42	46	46	55	59		60.4
Wilson	Maximum	88	89	89	88	92	93	92	93	95	86	70	75	75	85	87	85	86	94	93	94	93	93	92	80	68	67	70	78	76	79		84.8
	Minimum	63	60	60	61	61	62	62	63	68	62	41	38	41	47	51	52	58	57	60	62	64	65	67	68	50	42	39	41	53	47		55.5
Wynne	Maximum	89	87	89	88	92	90	91	93	97	94	72	76	81	86	88	91	93	95	94	95	93	93	91	87	73	68	73	78	80	80		86.6
	Minimum	66	68	71	67	63	64	63	71	67	65	40	37	41	45	51	56	56	58	65	63	68	63	68	67	51	44	38	42	42	44		56.8

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for September, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Hope, §§ Exp. Farm	Evap.	.127	.219	.230	.200	.210	.23[illegible]	.214	.190	.257	.252	.220	.239	.192	.189	.071	.288	.172	.199	.210	.190	.149	.118	.080	.090	.160	.169	.218	.182	199	.218		5.682
	Mean tem.	82	82	78	79	79	81	82	80	80	74	63	60	62	65	68	74	76	78	77	76	75	76	78	78	65	58	58	61	62	66		72.4
	Wind move	12	26	31	24	27	23	19	18	22	29	71	40	22	16	22	10	14	14	16	17	19	20	13	24	41	73	47	20	23	34		787
Irons Fork, §§ Exp. Forest	Evap.	.099	.120	.117	.069	.135	.158	.142	.142	.147	.157	.213	.046	.127	.125	.109	.124	.126	.136	.142	.083	.105	.051	.047	.020	.072	.156	.118	.100	.110	.099		3.395
	Mean tem.	76	76	72	76	74	69	75	76	82	66	55	54	58	61	66	71	71	72	72	74	72	72	68	71	61	52	54	66	58	62		67.4
	Wind move	1	0	3	8	1	1	1	1	1	2	12	5	2	1	1	2	0	1	1	1	1	0	0	1	5	7	3	1	2	1		66
Russellville, Ozark Nursery	Evap.	.232	.218	.164	.098	.170	.118	.228	.232	.230	.262	.210	200	.186	196	.184	.176	.186	.225	188	.156	.122	086	.068	.074	.248	.188	.174	260	.066	.186		5.322
	Mean tem.	82	81	72	77	78	79	80	80	82	80	59	60	64	68	72	75	75	72	78	78	78	78	76	77	68	66	58	60	62	66		72.5
	Wind move	26	13	12	10	8	6	11	21	12	50	34	18	12	10	10	8	12	19	19	2	9	2	19	10	70	29	5	19	5	12		498
Stuttgart, §§ Rice Exp. Farm	Evap.	.155	.132	140	.188	.215	.153	.133	.204	.180	.231	.164	.191	.168	.165	.174	.170	.156	.184	.195	.192	.135	.1[illegible]0	.138	.131	.027	.131	.176	.118	.148	.145		4.769
	Mean tem.	84	80	78	78	80	81	80	78	82	74	59	59	62	60	68	72	75	77	79	76	80	79	80	79	58	66	68	63	63	60		72.1
	Wind move	18	38	23	17	28	12	10	12	14	46	48	33	20	12	17	12	16	11	22	24	19	13	14	26	50	84	60	16	24	18		757

Daily Precipitation for September, 1940 Hydrologic Stations

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Alicia [1]	White		.24																						.78	.08						1.10
Antoine(near) [2]	Ouachita																									*	.30					0.30
Beaty Lake(near)	St. Francis		.20																						.80		.04					1.04
Beedeville [2]	White		.09																						.21	.67						0.97
Blue Mountain [2]	Arkansas			1.40																					1.00							2.40
Briggsville [1]	Arkansas		.86																	.05				.20	.10	.29						1.50
Cabot [2]	Arkansas	.90	.01																						1.00	1.00						2.91
Carlisle [2]	Arkansas	.45	.72	.52																					.67	2.17	.07					4.60
Carpenter Dam [1]	Ouachita		.58																						.11	.47						1.16
Centerville(near) [3]	Arkansas																															
Clarksville [1]	Arkansas		.14	2.17																				.03	.91	.08						3.33
Compton [1]	White	.21		1.43																					1.48	.22						3.34
Denmark [2]	White		.18	.02								.02												.62	.12							0.96
Dermott [2]	Mississippi			.12																					1.06	.75	.38					2.31
Eleven Point [2]	White																								1.38	.69						2.07
Enders(near) [2]	Arkansas																															
Evening Shade [2]	White			.47																					.74	.21	.01					1.43
Foreman [1]	Red																							.11		.13						
Forrest City [1]	St. Francis																								.58	.07						0.65
Greenbrier [1]	Arkansas																															
Green Forest [2]	White			.70	1.00																				1.90							3.60
Greenwood [2]	Arkansas			.10	.40																			17	.06	.17						0.90
Hardy [1]	White		.50																						.88							1.38
Harrisburg [2]	St. Francis																															
Huntsville [2]	White		.02	1.76																				.35	5.10	.05						7.28
Jacksonville [2]	Arkansas	.80																							.81	.39						2.00
LaCrosse [2]	White	.06																							.41	.87						1.34
Lake City [2]	St. Francis																								.40	.28						0.68
Marvell [2]	White		.85																						.17	*	2.11					3.13
Mountain View [2]	White																								.25	.75	.01					1.01
Newhope(near) [2]	Ouachita																							.54								0.54
Nimrod [2]	Arkansas		.39																					.05	.09	.16						0.69
Odell (near)	Arkansas			2.00																				.90	1.04							3.94
Parthenon [2]	White	.24	*	.89																			.01	.50	2.64	.09						4.37
Quitman [2]	Arkansas																															
St. Paul [2]	White			.54	1.06							.02												.06		2.84						4.52
Shirley [2]	White																								.27	.45						0.72
Solgahachie [2]	Arkansas	.55																							.03	.10						0.68
Sparkman [2]	Ouachita			.10																					.20		.37					0.67
Tichnor [2]	White			.25																					.45	2.52	.37					3.59
Vick [2]	Ouachita																								1.50							1.50
Wheeling [1]	White		.67																						.43	.07						1.17
Winfrey [1]	Arkansas		.04	1.11																		.13	.02	.44	1.06	.08						2.88

Daily River Stages for September, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	....	....	....	....	5.3	17.4	19.3	15.8	13.2	11.8	10.4	9.4	8.8	8.0	7.8	7.4	7.1	6.6	6.2	6.0	5.6	5.4	5.3	5.3	5.2	5.2	5.0	....	6.7	6.4
Van Buren	do	22	3.3	3.2	3.4	3.5	3.8	15.9	19.6	16.3	13.4	11.5	10.2	8.7	8.0	7.3	6.8	6.3	5.8	5.1	4.7	4.2	4.0	3.8	3.7	3.6	3.5	3.4	2.2	3.2	5.1	4.9
Mulberry	Mulberry	18	1.0	1.0	1.0	1.7	1.4	1.2	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8
Danville	Petit Jean	20	2.9	2.9	2.9	2.9	4.0	3.3	3.1	3.1	2.9	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.0	2.9	2.9
Ozark	Arkansas	22	0.0	-0.1	-0.1	0.2	0.1	0.1	14.3	12.2	9.7	7.2	6.1	4.8	4.0	3.3	2.7	2.3	2.0	1.5	1.0	0.7	0.4	0.2	0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.2	1.2
Dardanelle	do	22	2.4	2.1	1.9	2.4	2.5	2.4	11.2	16.5	14.5	12.2	10.3	8.9	7.6	6.8	6.0	5.5	5.0	4.6	4.1	3.5	3.0	2.5	2.4	2.3	2.2	2.0	2.0	1.9	1.8	1.6
Morrilton	do	20	-1.8	-1.9	-2.2	-2.4	-1.9	-1.7	-1.9	12.1	13.0	9.8	7.8	7.1	4.7	3.4	2.5	1.8	1.2	0.7	0.2	-0.3	-0.9	-1.4	-1.6	-1.9	-2.0	-2.2	-2.4	-2.3	-2.5	-2.6
Little Rock	do	23	0.5	0.1	-0.1	-0.3	-0.4	-0.2	-0.1	3.1	11.7	10.8	8.9	7.3	6.0	4.9	4.0	3.3	2.6	2.2	1.8	1.5	1.1	0.7	0.3	0.1	0.0	-0.2	-0.3	-0.4	-0.5	-0.6
Pine Bluff	do	25	3.9	3.9	3.8	3.6	3.4	3.3	3.5	3.7	16.7	14.9	14.1	12.2	10.6	9.3	8.0	7.1	7.0	5.8	5.1	5.0	4.8	4.4	4.1	3.8	3.7	3.5	3.2	3.1	3.1	3.0
Gilbert	Buffalo	30	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	4.1	3.9	3.6	3.4	3.3
Doniphan, Mo.	Current	10	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Black Rock	Black	14	2.1	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.4	1.3	1.2	1.2	1.2	1.2
Heber Springs	Little Red	30	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.8	2.7	2.6	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.7
Ozark Beach Mo	White	30	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.8	3.4	-0.6	-0.6
Cotter	do	21	3.2	2.8	2.6	2.2	2.1	2.1	2.1	3.1	3.2	2.1	2.1	1.9	1.8	1.8	1.8	1.7	1.7	1.4	1.4	1.5	1.4	1.4	1.6	1.3	1.3	1.4	1.6	1.7	2.2	3.7
Calico Rock	do	18	2.2	2.2	1.7	1.7	1.2	1.6	1.3	1.7	1.8	1.9	1.0	1.3	0.9	0.8	0.8	0.8	0.7	0.5	0.5	0.7	0.6	0.6	0.6	0.7	0.6	0.5	0.5	1.0	0.9	2.9
Batesville	do	23	6.7	6.2	6.0	5.5	5.4	5.1	5.4	5.1	5.4	5.5	5.6	4.9	4.9	4.8	4.6	4.6	4.6	4.6	4.4	4.3	4.4	4.4	4.3	4.5	4.6	4.4	4.3	4.3	4.6	4.7
Newport	do	26	1.7	1.9	1.8	1.6	1.4	1.0	0.7	0.6	0.6	0.6	0.6	0.6	0.3	0.1	0.0	-0.2	-0.2	-0.3	-0.3	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Georgetown	do	21	2.3	2.5	2.3	2.3	2.3	2.0	1.8	1.6	1.3	1.1	1.0	0.9	0.8	0.8	0.8	0.7	0.6	0.4	0.2	0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.2	0.2	-0.2	-0.3	-0.4
Des Arc	do	24	6.5	6.8	6.9	6.8	6.8	6.7	6.4	6.1	5.8	5.7	5.5	5.4	5.4	5.4	5.4	5.1	4.9	4.8	4.7	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Clarendon	do	26	8.7	8.9	9.0	9.0	9.0	9.0	8.9	8.7	8.4	8.1	7.9	7.7	7.6	7.6	7.6	7.4	7.3	7.1	7.0	6.8	6.7	6.6	6.5	6.4	6.5	6.4	6.3	6.2	6.2	6.2
St. Charles	do	25	9.1	9.1	9.3	9.3	9.3	9.3	9.3	9.2	8.9	8.7	8.4	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.3	7.2	7.1	7.0	6.9	7.0	7.0	6.9	6.8	6.6	6.7
Glenwood	Caddo	..	5.2	5.2	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.3	5.3	5.3	5.2	5.2	5.2
Arkadelphia	Ouachita	17	4.1	4.0	4.0	4.5	4.1	4.6	4.7	4.7	4.3	3.9	4.4	4.1	4.7	3.9	3.9	3.7	3.8	3.8	4.6	5.1	6.0	4.8	4.3	4.2	4.5	4.2	3.8	4.1	4.2	3.9
Boughton	Little Mo.	20	3.5	3.4	3.5	3.5	3.8	3.5	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Camden	Ouachita	26	4.6	4.6	4.6	4.3	4.1	4.2	4.2	4.7	5.0	4.6	4.3	3.9	4.0	4.0	4.3	4.3	4.3	4.2	4.0	4.0	4.3	4.9	4.8	4.8	4.2	4.1	4.3	4.2	4.2	4.3
Benton	Saline	20	3.6	3.8	3.7	3.7	3.6	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Whitecliffs	Little River	25	2.0	2.0	2.0	2.0	2.0	3.5	4.0	4.0	3.5	2.0	2.0	2.0	1.9	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.9
Index	Red	25	7.8	7.7	7.4	7.2	7.0	7.0	6.8	6.7	6.6	6.4	6.2	[illegible]	8.8	8.5	8.4	8.2	8.0	7.4	7.0	6.9	6.6	6.5	6.4	6.3	6.2	6.2	6.0	6.0	5.8	5.8
Fulton	do	25	6.4	6.0	5.8	5.6	5.4	5.3	5.5	6.1	6.1	5.7	5.3	5.3	6.7	7.1	6.9	6.6	6.4	6.0	5.6	5.2	5.0	4.7	4.6	4.5	4.4	4.3	4.1	4.2	4.5	4.3
Big Lake Outlet	St. Francis	10	3.7	3.6	3.6	3.5	3.5	3.4	3.1	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	3.0	3.0	2.9	2.9	2.9	2.9
St. Francis	do	18	3.3	3.3	3.1	3.0	2.9	2.7	2.7	2.6	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.6	2.8	2.8	2.6	2.4	2.2
St. Francis L.L.	do	..	16.9	16.8	17.5	17.3	16.1	15.9	15.5	15.0	14.9	14.9	16.1	15.9	15.1	11.3	15.5	14.8	14.3	14.1	15.7	16.7	15.8	14.5	14.0	14.0	14.0	14.1	14.5	14.5	14.2	15.2
Marked Tree	do	17	3.6	3.6	2.0	3.8	4.4	3.6	3.2	3.2	2.9	2.9	1.2	3.0	2.9	2.9	1.5	2.7	2.6	2.4	1.1	0.6	2.9	2.8	2.4	2.2	2.2	2.3	2.4	2.6	2.5	1.5
Parkin	do	28	3.3	3.4	3.4	2.9	2.7	3.7	3.5	3.2	3.1	2.9	2.7	2.4	2.1	2.8	2.8	2.5	2.4	2.5	2.4	2.1	1.5	2.2	2.7	2.5	2.4	2.3	2.2	2.3	2.4	2.4
Madison	do	32	1.7	1.7	1.6	1.6	1.3	1.2	1.6	1.7	1.5	1.3	1.3	1.1	0.8	0.7	1.1	1.1	0.9	0.8	0.9	0.8	0.6	0.3	0.6	1.0	1.1	0.7	0.7	0.6	0.7	0.8
Helena	Mississippi	42	8.6	8.6	8.9	9.4	10.2	11.3	12.5	13.5	13.7	13.0	12.3	11.0	9.5	8.3	7.5	6.9	6.1	5.4	5.3	5.0	4.4	3.7	3.0	2.5	2.4	2.4	2.1	1.8	2.0	2.4
Arkansas City	do	42	6.1	5.5	5.2	5.2	5.5	6.1	6.9	7.9	8.9	9.5	10.9	11.3	10.5	9.8	7.3	6.0	5.0	4.0	3.1	2.5	2.1	1.6	1.0	0.4	0.0	-0.3	-0.5	-0.6	-0.9	-0.9

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a, b, c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1] Precipitation is for the 24-hour period, midnight to midnight. [2] Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3] Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena, Lutherville, Route 1, Lamar; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass. Mulberry, R 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 10-18-40-1150

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLV Little Rock, Ark., October, 1940 No. 10

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington D. C.

GENERAL SUMMARY

The mean temperature for October, based on the reports of 73 stations, was 65.1°, which is 2.4° above the 50-year average. Temperatures were low the middle of the month but normal or above the rest of the month. This was the first month this year with the mean temperature above the normal. Monthly means ranged from 58.2° at Lead Hill in Boone Co., to 69.8° at Texarkana, in Miller County. The highest temperature during the month was 95° recorded at Mount Ida, in Montgomery County, on the 19th. The lowest reading was 29° at Gilbert on the 16th and 17th and at Mount Ida on the 16th. The greatest daily range was 54° at Okay on the 18th. Light frost was reported at most stations on the 16th and 17th, but no damage was noted.

The average precipitation for the 107 stations reporting was 1.91 inches, which is 1.19 inches below the 50-year average. Monthly totals ranged from 0.45 inch at Corning, in Clay Co., to 3.77 inches at Grannis in Polk Co. Rainfall was reported generally on the 6th, 14th, 27th, 28th and 31st, or an average of five days. The greatest 24-hour amount was 2.89 inches recorded at Stuttgart Experiment Station in Arkansas County on the 28th.

The month as a whole was favorable for harvesting operations. Rainfall was inadequate in many areas, especially the northern section, for fall-planted crops. The dry weather hastened the maturity of all fall crops. The picking of cotton which had been two weeks behind the normal seasonal advancement, was nearly completed during the month, except in the extreme eastern section. The late cotton has been maturing rapidly in northern and eastern areas. Late corn was nearly matured at the end of the month in northern sections and the danger of frost damage past. Gathering of corn continued but there was some delay in the eastern sections due to the urgency of cotton picking. The harvesting of rice made excellent progress.

The average number of clear days was 20, partly cloudy days 7, and cloudy days 4. Sunshine for the month averaged about 80%.

O. D. N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	30.08	30.33	17	29.67	28	6.0	19	sw.	4	..	..	..	79
Fort Smith..	30.07	30.38	17	29.79	28	6.0	22	w.	14	77	46	47	73
Little Rock..	30.08	30.34	18	29.73	31	6.8	21	se.	31	91	47	66	83
Memphis	30.08	30.35	18	29.74	31	6.7	25	n.	15	87	45	66	81

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	1	3	..	..	..	..	..	..	1	1	..	..	1	1	..	..	..	..	..	..	..	..	..	2	1	2	1	4	14	1	4
Light hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Moderate hail .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm .	..	..	..	..	..	6	5	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891............	60.4	92	27	0.65	0.0	2	25	4	2
1892............	63.8	92	27	3.26	0.0	6	16	7	8
1893............	60.5	99	23	1.30	0.0	3	24	4	3
1894............	63.0	96	24	1.52	0.0	3	22	5	4
1895............	57.1	95	21	1.44	0.0	4	19	6	6
1896............	60.8	98	25	3.59	0.0	6	18	5	8
1897............	67.6	99	28	2.01	0.0	3	21	6	4
1898............	60.0	100	23	5.44	T.	8	16	7	8
1899............	65.6	101	28	2.88	0.0	5	19	7	5
1900............	66.0	97	32	4.31	0.0	6	14	10	7
1901............	63.7	95	27	2.07	0.0	4	18	9	4
1902............	62.5	90	27	2.68	0.0	4	18	9	4
1903............	60.9	97	26	2.22	0.0	4	17	8	6
1904............	62.5	100	20	0.94	0.0	2	23	5	3
1905............	61.1	92	23	4.49	0.0	7	15	11	5
1906............	58.2	94	25	2.38	0.0	6	18	5	8
1907............	61.9	96	23	3.03	0.0	6	16	7	8
1908............	59.2	93	24	0.48	0.0	2	21	6	4
1909............	63.0	98	24	2.15	0.0	3	21	6	4
1910............	62.9	96	16	5.19	T.	6	21	5	5
1911............	62.7	101	25	1.67	T.	5	14	9	8
1912............	63.8	96	22	2.97	0.0	4	18	8	5
1913............	60.1	95	18	5.41	0.6	9	13	9	9
1914............	63.0	93	21	1.74	0.0	5	13	8	10
1915............	63.4	94	26	2.83	0.0	4	22	4	5
1916............	62.8	96	21	2.30	0.0	4	21	4	6
1917............	56.6	99	12	1.89	T.	5	21	5	5
1918............	65.6	100	30	3.99	0.0	8	13	5	13
1919............	66.6	98	33	10.90	0.0	14	6	5	20
1920............	64.2	93	25	4.39	0.0	7	16	6	9
1921............	61.6	96	27	0.72	0.0	3	23	4	4
1922............	63.1	98	20	1.47	0.0	4	18	6	7
1923............	59.2	94	20	3.53	0.0	7	12	9	10
1924............	64.9	96	21	0.29	0.0	1	24	4	3
1925............	58.7	98	13	7.73	0.1	10	12	5	14
1926............	64.9	99	23	5.77	0.0	8	15	5	11
1927............	66.0	100	30	3.13	0.0	5	22	4	5
1928............	66.3	100	27	4.74	0.0	8	16	7	8
1929............	62.2	93	19	4.29	0.0	7	15	7	9
1930............	60.1	92	17	4.89	0.0	6	17	5	9
1931............	67.1	98	26	2.35	0.0	4	17	7	7
1932............	60.8	94	26	3.41	0.0	6	19	4	8
1933............	62.6	90	30	2.83	0.0	5	19	7	5
1934............	66.2	96	25	0.79	0.0	2	21	7	3
1935............	63.9	95	27	4.94	0.0	9	13	8	10
1936............	61.1	93	24	5.00	0.0	7	16	5	10
1937............	60.8	96	17	4.66	T.	8	18	4	9
1938............	66.8	105	20	0.94	0.0	3	23	5	3
1939............	65.2	98	29	1.71	0.0	3	21	5	5
1940............	65.1	95	29	1.91	0.0	5	20	7	4
Period.......	62.7	105	12	3.10	T.	5	18	6	7

Corrections

September: Arkadelphia, mean temperature 72.4°; Bee Branch, greatest 24-hour precipitation, 1.50 inches; Mt. Ida, CCC, 0.82. Crossett, highest temperature 96° on 2d. Number of days with 0.01 inch precipitation or more: Hope, 3; Irons Fork, 8; Prescott 3, Portland 3. Waldron, date of lowest temperature, 27th.

Climatological Data for October, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	66.4	......	87	13§	39	16	35	2.30	......	1.00	0.0	4	18	9	4	w.	L. R. Water Works
Arkadelphia	Clark	200	45	65.0	......	88	4§	35	16§	47	2 78	-0.64	2.02	0.0	5	21	7	3	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	1.56	-1.06	1.28	0.0	3	26	2	3	......	Herbert Neff
Batesville Airway	Independence	363	4	65.1	+ 4.5	90	13§	39	17§	42	1.13	......	0.59	0 0	4	17	8	6	s.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	1.26	-1.93	0.70	0.0	7	24	4	3	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	......	......	90	19	......	......	......	1.93	-1.63	0.83	0.0	5	22	2	7	n.	J. E. Scanlan
Benton	Saline	285	5	62.4	......	90	19	33	16	51	1.29	......	0.77	0.0	3	24	5	2	ne.	S. A. Burks
Bentonville	Benton	1295	35	63.9	+ 5.0	84	4	35	16	36	1.89	-1.73	0.98	0.0	7	20	4	7	s.	U. S. Weather Bureau
Bethesda	Independence	500	1	......	......	......	......	......	......	......	1.21	......	0.66	0.0	4	......	......	......	......	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	1.05	......	0.48	0.0	5	24	3	4	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	0.74	-2.64	0.54	0.0	4	28	1	2	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	65.8	+ 2.4	89	14§	38	17§	42	0.91	-2.61	0.50	0.0	3	25	3	3	s.	Samuel Norris
Booneville (near)	Logan	465	26	66.0	- 2.0	90	19	34	16	46	2.01	-1.27	0.79	0.0	6	20	8	3	s.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	1.71	......	1.38	0.0	5	17	10	4	......	Harry J. Buie
Brinkley	Monroe	205	49	62.8[d]	+ 0.2	85[d]	13	33[d]	18	41[d]	1.62	-1 90	0.88	0.0	4	12	17	2	se.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	1.50	-1.39	1.04	0.0	5	21	3	7	......	William Jones
Camden	Ouachita	116	55	66.5	+ 2.6	90	14§	34	17	44	2.37	-0.62	2.30	0.0	3	20	5	6	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	1.86	-1.38	1.47	0.0	4	22	4	5	n.	R. M. Wheatley
Clover Bend	Lawrence	235	..	63.1	......	88	12§	33	18	46	1.70	......	1.33	0.0	4	24	6	1	s.	G. E. Tanner
Conway	Faulkner	309	57	65.2	+ 1.7	91	12	38	16	40	2.29	-1.13	0.97	0.0	5	24	5	2	s.	E. E. Cordrey
Corning	Clay	293	47	64.8	+ 4.8	96	5§	34	18	48	0.45	-2.93	0.25	0.0	4	27	3	1	s.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	1.29	-2.66	0.73	0 0	4	23	5	3	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	64.8	- 1.0	89	13	31	17	46	3.41	-0.09	1.96	0.0	3	24	5	2	n.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	2.73	-1.11	1.46	0.0	5	21	9	1	......	J. M. Patterson
Dardanelle	Yell	330	54	66.8	+ 3.4	90	5	40	16	42	1.70	-1.70	0.65	0.0	4	12	14	5	n.	Geo. N. Goodier
DeQueen	Sevier	426	5	56.7	......	89	19	37	16	45	2.54	......	0.99	0.0	7	25	2	4	s.	E. B. Smith
Des Arc	Prairie	204	2	65.8	......	89	19	37	17	42	1.16	......	0.68	0.0	3	12	9	10	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	63.6	......	81	19	40	15	31	2.89	......	1.50	0.0	8	24	0	7	se.	U. S. Forest Service
Dumas	Desha	162	35	65.7	+ 0.5	90	6§	36	16§	43	1.38	-1.81	1.10	0.0	2	14	12	5	sw.	Ben Johnson
El Dorado	Union	279	40	68.6	+ 2.6	90	6	40	16	39	0.80	2.52	0.57	0.0	3	21	7	3	sw.	Mrs. E. W. Gaston
England	Lonoke	229	34	65.8	+ 1.8	87	4§	40	17§	41	2.00	-1 13	1.10	0.0	3	11	19	1	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	66.0	+ 5.2	85	5§	36	16	36	2.83	-0 88	1.12	0.0	5	21	6	4	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	63.0	......	83	5	35	16	34	2 10	......	0.99	0.0	8	13	12	6	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	63.8	+ 3.0	85	12	34	16	37	1.83	-1.87	0.81	0.0	7	23	4	4	sw.	University of Arkansas
Fort Smith	Sebastian	448	59	67.2	+ 4.4	88	17	42	16	36	2.16	-0.83	1.20	0.0	6	20	5	6	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	3	......	......	......	......	......	......	......	2.48	......	1.68	0 0	5	22	3	6	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	2.28	-0.58	1.40	0.0	4	19	6	6	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	1.45	-1.94	0.70	0.0	4	27	1	3	......	C. G. Long
Gilbert	Searcy	600	15	60.6	......	90	19	29	16§	53	0.95	-3.73	0.44	0.0	4	25	1	5	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	2 09	......	1.32	0.0	8	23	3	5	......	C. A. Price
Grannis	Polk	950	21	66.5	+ 3.7	90	19	38	16	41	3.77	-0.45	1.59	0.0	5	23	5	3	s.	W. E. McVay
Gravette	Benton	1250	43	62.8	+ 3.1	85	5§	33	16	41	2.52	-1.21	1.14	0.0	4	20	11	0	sw.	Max W. Schmidt
Green Mountain	Stone	1100	3	......	......	86	5	......	......	......	1.32	......	0.85	0.0	5	20	10	1	s.	U. S. Forest Service
Harrison	Boone	1052	40	61.6	+ 2.2	85	5	33	16	39	2.44	-0.69	0.77	0.0	9	22	4	5	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	1.27	......	0.40	0.0	6	22	6	3	......	Lester B. Logan
Helena	Phillips	300	68	65.8	+ 2.2	86	13	36	17	38	1.19	-1.79	0.72	0.0	4	19	9	3	se.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	1.21	-2.24	0 43	0.0	5	23	6	2	s.	Austin E. Cartwright
Highland	Pike	491	21	66.6	......	88	25	41	16	38	3.05	-0.12	1.50	0.0	4	25	5	1	se	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	65.8	- 0.1	88	4§	36	17	45	3.04	+0.13	2.06	0.0	5	20	10	1	e.	Experiment Farm
Hot Springs	Garland	600	49	66.4	+ 2.0	89	19	40	16§	38	2.67	- 0.76	0.95	0.0	6	24	4	3	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	3.60	+0 79	2.30	0.0	4	26	1	4	......	W. E. McDowell
Irons Fork †‡	Polk	1385	2	62.2	......	88	19	30	16	47	2.15	......	0.69	0.0	5	19	8	4	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	2.11	- 1.55	0.98	0.0	4	14	16	1	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	65.4	+ 2.8	88	5§	39	16§	41	1 31	-2.15	0.60	0.0	3	16	11	4	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	58.2	+ 2.6	88	24	31	16	46	1.91	-1.23	0.73	0.0	6	23	5	3	w.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	66.6	+ 3.0	88	19	45	16	32	1.91	-0.80	0.72	0.0	4	18	9	4	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	64.8	......	89	19	39	17	41	1.94	......	0.70	0.0	4	18	9	4	s.	W. B. Airport Station
Lutherville †	Johnson	775	42	65.3	+ 4.0	87	4§	40	16	36	3.04	-0.96	1.21	0.0	7	13	12	6	sw.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	1.40	......	0.78	0.0	4	12	6	13	......	J. W. Eppes
Magnolia	Columbia	315	24	68.5	+ 1.6	90	5	37	16	40	2.38	-0.47	1.75	0.0	2	9	20	2	n.	State Agri. School
Mammoth Spring	Fulton	600	36	63.3	+ 4.1	90	5	32	18	46	1.50	-1.83	1.08	0.0	4	22	7	2	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	64.6[a]	+ 1.1	85[a]	13§	36[a]	17	39[a]	2.27	-0.98	1.58	0.0	5	22[a]	4[a]	4[a]	s.	C. N. Houck
Marked Tree	Poinsett	229	36	63.9	+ 2 7	88	13	36	17§	42	0.94	-3.01	0.54	0.0	3	19	11	1	s.	Charles Walton
Mena	Polk	1207	52	66.3	+ 3.3	90	19	38	16	38	1.55	-2.53	0.65	0.9	5	20	7	4	sw.	E. W. St. John
Monticello, Airway	Drew	273	4	67.8	......	88	19	37	17	41	2.63	......	1.42	0.0	5	12	14	5	s.	Airway Observer
Morrilton	Conway	315	21	64.0	+ 0.8	89	12§	35	16	45	2.27	-1.11	1.15	0.0	5	19	8	4	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	2.68	......	1.72	0.0	5	25	4	2	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	64.4	+ 3.9	90	5§	33	16	44	0.80	-3.04	0.30	0.0	3	21	5	5	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	2.27	......	0.99	0.0	6	23	5	3	s.	J. G. Scott
Mount Ida	Montgomery	702	41	63.6	+ 1.8	95	19	29	16	49	1.97	-1.71	0 63	0.0	5	19	6	6	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	2.21	......	0.78	0.0	6	25	5	1	sw.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	2.23	......	1.30	0.0	5	17	8	6	......	Clifton Ward
Nashville	Howard	350	2	66.9	......	87	4	39	17	41	2.71	......	1.25	0.0	5	25	2	4	......	H. B. Carruth
Newport	Jackson	231	57	64.9	+ 2.9	90	19	37	18	43	1.45	- 2.08	0.51	0.0	3	21	9	1	n.	J. D. Henderson
Oden	Montgomery	800	13	65.0	......	89	3§	36	16	45	1.00	......	0.63	0.0	5	16	12	3	sw.	U. S. Forest Service
Okay	Howard	288	12	66.6	......	90	19	33	16	54	3.49	......	2.08	0.0	6	20	9	2	s.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	0.69	......	0.35	0.0	4	26	5	0	......	G. H. Banks
Ozark	Franklin	396	45	65.4	+ 1.9	88	4§	37	16	42	1.64	......	0.70	0.0	3	16	7	8	se.	Orkney O. Milton
Paragould	Greene	275	17	62.8	......	85	19	36	18	39	1.13	-1.82	0.47	0.0	3	29	1	1	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	1.06	......	0.45	0.0	6	24	3	4	......	Carroll King
Pine Bluff	Jefferson	215	53	67.9	+ 3.3	89	5§	40	17	39	2 92	-0.38	2.00	0.0	3	10	19	2	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	1.68	-3.00	0.71	0.0	4	18	6	7	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	64.6	+ 2 9	89	5§	35	17	46	0.72	-2.72	0.35	0.0	5	22	6	3	n.	Benedictine Sisters
Portland	Ashley	122	34	64.0	- 0.9	89	6§	32	17	43	3.26	+0.41	1.65	0.0	5	18	11	2	nw.	W. E. Edmiston
Prescott	Nevada	318	52	68.4	+ 3.5	89	4§	40	17	40	2.14	-0.96	1.47	0.0	5	21	5	5	se.	Craig Williams
Rogers (near) †	Benton	1300	50	62.4	+ 2.6	84	4§	33	16	39	1.77	-1.46	0.89	0.0	4	22	4	5	sw.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6	......	......	......	......	......	......	......	1.80	......	0.52	0.0	4	19	10	2	sw.	G. A. Maddox
Russellville	Pope	526	28	66.2	- 0.4	90	4§	38	16	44	2 25	-0.51	0.54	0.0	6	27	0	4	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	64.0	......	87	13	38	17	39	1.95	......	1.44	0.0	3	23	5	3	n.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	0.60	-3.42	0.42	0.0	3	22	1	8	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	65.7	+ 3.1	89	13§	38	17	45	1.60	-1.54	0.67	0.0	3	23	5	3	sw.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	1.97	-0.70	1.10	0.0	4	20	4	7	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	1.28	-2.57	0.70	0.0	3	24	4	3	s.	S. C. Story
Stuttgart	Arkansas	214	53	65.5	+ 2.1	88	13	38	17	37	2.15	-1.30	1.45	0.0	3	28	2	1	se.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	64.6	......	85	5§	37	17	39	3.66	......	2 89	0.0	3	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	43	67.0	+ 3.4	91	1§	39	16	46	2.13	-1.33	0.80	0.0	6	21	6	4	sw.	New Subiaco Abbey
Texarkana	Miller	332	56	69.8	+ 4.0	92	19	40	17	42	1.90	-1.53	1.10	0.0	5	22	5	4	s.	H. S. Brashear
Thornburg (near)	Perry	650	20	......	......	90	5§	......	......	......	2 83	-0.67	1.28	0 0	6	10	20	1	......	Edward E. Holmes

Climatological Data for October, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Turnpike†	Pope	2240	16	63.8	......	83	19	39	15§	26	2.14	−3.17	0.96	0.0	8	23	3	5	se.	U. S. Forest Service
Wabash	Phillips	179	1	62.8	......	88	13§	34	17	42	1.69	......	0.90	0 0	5	21	8	2	w.	Ben Rives
Waldron	Scott	675	21	65.2	......	90	12	33	16	46	1.28	−2.21	0.40	0.0	4	15	14	2	se.	Wilson Ferguson
Warren	Bradley	206	46	66 6	+ 2.2	90	19	37	17	41	0.57	−2.96	0.25	0 0	3	12	7	12	sw.	C. N. Turner
Whitecliffs	Little River	290	34	....	.. ...	......	......	.....	......	......	3.10	+0.03	2.20	0.0	3	23	0	8	......	L. M. Snead
White Rock†	Franklin	2285	4	65.1	......	85	19	40	15	31	3.37	......	1 96	0 0	7	22	3	6	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	64.2	+ 1.4	87	13	34	18	39	0 72	−2.59	0.40	0 0	2	26	0	5	s.	D. O. Anderson
Wright	Jefferson	234	1	65.4	......	86	4§	36	17	42	1.80	......	0.92	0.0	3	26	4	1	s.	J. S. Martin
Wynne	Cross	167	32	65.4	+ 2 9	89	4§	33	17	44	1.22	−2.46	0.55	0.0	3	14	13	4	s.	B. M. Eddins
State Means		..	..	65.1	+ 2.4	95	19	29	16§	54	1.91	−1.19	2.89	0.0	5	20	7	4	s.	

Daily Precipitation for October, 1940

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser.†	Ouachita							.45								.33												T.		1.00		.52	2.30
Arkadelphia[2]	Ouachita							.65								.03													.01	2.02		.07	2.78
Arkansas City[2]	Mississippi							T.								.17														.11	1.28		1.56
Batesville Airway†	White						.59								.27													T.	.17			.10	1.13
Batesville River[2]	White							.70								.36														.20			1.26
Bee Branch	Arkansas				T.			.25								.25												.30	T.	.83		.30	1.93
Benton[2]	Saline							.42								.10														.77		T.	1.29
Bentonville[1]‡	Arkansas				.01		.11				.02				.59													.08	.98			.10	1.89
Bethesda***	White						.66								.23														.22			.10	1.21
Big Lake Outlet†[2]	St. Francis							.46				T.				.48														.11	T.		1.05
Black Rock[2]	White							.54				.03				.12														.05			0.74
Blytheville[2]	St Francis							.50				T.				.32														.09	T.		0.91
Booneville	Arkansas						.33	.27							T.	.41												.04	.79			.17	2.01
Boughton†[2]	Ouachita							.26								.03													.04	1 38		T	1.71
Brinkley	White							.39								.17														.88		.18	1.62
Calico Rock[2]	White							1 04			T	.04				.20													T.	.22			1.50
Camden[2]	Ouachita							.06																						2.30		.01	2.37
Clarendon[2]	White							.29								.10														1.47			1.86
Clover Bend	White							1.33								.22														.11		.04	1.70
Conway	Arkansas							.39								.36												.21		.97		.36	2.29
Corning[2]	White							.25				.02				.17														.01			0.45
Cotter[2]	White							.73								.25														.31			1.29
Crossett [near]	Ouachita							10																						1.96		1.35	3.41
Danville[2]	Arkansas							.51								.48													.26	1.46		.02	2.73
Dardanelle[2]	Arkansas						.41									.57													.07	.65			1.70
De Queen	Red							.10							.10	.09												.34	.84	.08	.99		2.54
Des Arc[2]	White						.34									.14														.68			1.16
Devils Knob†	Arkansas						.22	.51							.05	.24												.14	1.50	.05		.18	2.89
Dumas	Mississippi																													.28		1.10	1.38
El Dorado[2]	Ouachita							.23																						.30	.27		0.80
England	Arkansas							.45							T.															1.10		.45	2.00
Eureka Springs	White						.70				.03				1.12														.90			.08	2.83
Fayetteville	White				T.		.27	.01			01				.69	.03												.02	.99			.08	2.10
Fayetteville Exp. S	White						.14	T.			.02				.69	.03												.02	.81			.12	1.83
Fort Smith[1]‡	Arkansas				T.	T.	.23				.01				.43													.15	1.20			.14	2.16
Fort Smith W.†[2]	Arkansas						27								.34													.11	1.68			.08	2.48
Fulton[2]	Red							.50								.03												T.	T.	1.40		.35	2.28
Georgetown	White							.55								.20														.70			1 45
Gilbert[2]	White							.44				.04				.29														.18			0.95
Glenwood[2]	Ouachita							.58								.13													.03	1.32		.03	2.09
Grannis	Red							1.59							.08													.32	.89			.89	3.77
Gravette[2]	Arkansas							.50								.84													.04	1.14			2.52
Green Mountain†	White							.85				.01				.23												T.		.20		.03	1.32
Harrison	White	.67					.43	.06							.36	.03												.04	.77	.03	.05		2.44
Heber Springs[2]	White							.38				.01				.30													.18	.40			1.27
Helena[2]	Mississippi							.12								.30														.72	.05		1 19
Higden	White							.32								.22													.02	.41		.24	1.21
Highland	Ouachita							.34							.18														1.50			1.03	3.05
Hope‡‡[2]	Red							.41								.05													.18	2.06		.34	3.04
Hot Springs	Ouachita							.73								.04												.01	.66	.28		.95	2.67
Index†[2]	Red							.60																					T.	2.30		.70	3.60
Irons Fork†‡‡[2]	Ouachita							.59				T.				.09													.31	.47		.69	2.15
Jessieville	Ouachita							.53								.14												T.	.98			.46	2.11
Jonesboro[2]	White							.60				T.				.35														.36			1.31
Lead Hill	White						.66								.48	.02	T.											.01	.73			.01	1.91
Little Rock[1]‡	Arkansas						.42								.25	T												T	.72	T.		.52	1.91
LittleRock Air'y[1]‡	Arkansas						.46								.26													T.	.70			.52	1.94
Lutherville†	Arkansas							.43			T.	.02			.46													.52	.63	.58		.40	3.04
Madison[2]	St. Francis							.37								.25														.78			1.40
Magnolia	Red																													.63		1.75	2 38
Mammoth Spg[2]	White							1.08				.06				.20														.16			1.50
Marianna	St. Francis							.27								.35														1.58	.02	.05	2.27
Marked Tree[2]	St. Francis							.54								.21														.19			0.94
Mena[2]	Ouachita				T.			.31								.07													.21	.31		.65	1.55
Monticello Air‡	Ouachita							.05								.07													.60	.49		1.42	2.63
Morrilton[2]	Arkansas							.52				.01				.56													.03	1.15		T.	2.27
Mountainburg	Arkansas						.31								.40													.13	1.72			.12	2.68
Mountain Home	White						.30	.30																					.20				0.80
Mountain Valley	Ouachita						T.	.37								.14												.04	.30	.69		.73	2.27
Mount Ida	Ouachita							.39																				.09	.54	.32		.63	1.97
Mount Ida CCC	Ouachita							.61								.09												.05	.20	.58		68	2.21
Mulberry†[2]	Arkansas							.50								.35													.08	1.30			2.23
Nashville	Red							.21							.15													.14		1.25		.96	2.71
Newport[2]	White							.48								.46														.51			1.45
Oden	Ouachita							.25							.07													.05	.36	.27			1.00
Okay	Red						T	.23								.16												.20	.33	1.75		.82	3.49
Osceola[2]	Mississippi							.35								.22														.12			0.69
Ozark[2]	Arkansas							.64				T.				.30													T	.70		T.	1.64

Daily Precipitation for October, 1940 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Paragould	St. Francis	....	....	....	....	....	....	.43	....	....	....	....	....	....	....	.47	....	....	....	....	....	....	....	....	....	....	....	....	....	.23	....	....	1.13
Parkin[2]	St. Francis	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	.21	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	....	....	1.06
Pine Bluff[2]	Arkansas	....	....	....	....	....	....	.65	....	....	....	....	....	....	....	.27	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00	....	....	2.92
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	.26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	.59	....	.71	1.68
Pocahontas	White	....	....	....	....	....	....	.35	....	....	....	.05	....	....	....	.22	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	....	.07	0.72
Portland[2]	Ouachita	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	1.65	1.34	3.26
Prescott[2]	Ouachita	....	....	....	....	....	....	.13	....	....	....	....	....	....	....	.02	....	....	....	....	....	....	....	....	....	....	....	....	.27	1.47	....	.25	2.14
Rogers (near)†	White	....	....	....	....	....	.33	....	....	....	....	....	....	....	.48	T.	....	....	....	....	....	....	....	....	....	....	....	....	.89	....	....	.07	1.77
Rosebud†	Arkansas	....	....	....	....	....	....	.52	....	....	....	....	....	....	....	.42	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	.36	1.80
Russellville ‡‡	Arkansas	....	....	....	....	....	....	.54	....	....	....	....	....	....	....	.52	....	....	....	....	....	....	....	....	....	....	....	.12	.30	.42	....	.35	2.25
St. Charles[2]	White	....	....	....	....	....	....	.29	....	....	....	....	....	....	....	.22	....	....	....	....	....	....	....	....	....	....	....	....	....	1.44	....	....	1.95
St. Francis[2]	St. Francis	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	.42	....	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	....	0.60
Searcy[2]	White	....	....	....	....	....	....	.67	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	53	....	....	1.60
Spring Bank†[2]	Red	....	....	....	....	....	....	.37	....	....	....	....	....	....	....	.35	....	....	....	....	....	....	....	....	....	....	....	....	T.	1.10	....	.15	1.97
Story[2]	Ouachita	....	....	....	....	....	.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	.28	1.28
Stuttgart[2]	Arkansas	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	1.45	....	....	2.15
Stuttgart ‡‡[2]	Arkansas	....	....	....	....	....	....	.22	....	....	....	....	....	....	....	.55	....	....	....	....	....	....	....	....	....	....	....	....	....	2.89	....	....	3.66
Subiaco	Arkansas	....	....	....	....	....	....	.80	....	....	....	....	....	....	T.	.47	....	....	....	....	....	....	....	....	....	....	....	.10	.48	.10	....	.18	2.13
Texarkana[2]	Red	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	.20	1.10	....	.30	1.90
Thornburg	Arkansas	....	....	....	....	....	....	.54	....	....	....	....	....	....	....	.48	....	....	....	....	....	....	....	....	....	....	....	.17	.52	.76	....	.36	2.83
Turnpike†	Arkansas	....	....	....	....	....	.07	.89	....	....	....	....	....	....	.01	.24	....	....	....	....	....	....	....	....	....	....	....	.09	.53	.11	....	.20	2.14
Wabash	Mississippi	....	....	....	....	....	....	.22	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	.90	.02	.15	1.69
Waldron	Arkansas	....	....	....	....	....	.40	T.	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	....	T	.30	....	....	.28	1.28
Warren	Ouachita	....	....	....	....	....	....	12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	....	.25	0.57
Whitecliffs[2]	Red	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	T.	2.20	.80	....	3.10
White Rock†	Arkansas	....	....	....	....	....	.47	.08	....	....	....	....	....	....	.38	03	....	....	....	....	....	....	....	....	....	....	....	.36	1.96	....	....	.09	3.37
Wilson[2]	Mississippi	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.32	....	....	0.72
Wright	Arkansas	....	....	....	....	....	....	.27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.92	....	.61	1.80
Wynne[2]	St. Francis	....	....	....	....	....	.55	....	....	....	....	....	....	....	.17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	T.	1.22

Daily Temperatures for October, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	81	82	84	86	86	85	76	77	79	79	83	84	87	84	71	69	77	79	87	80	81	84	84	84	85	85	80	80	78	75	70	80.7
	Minimum	48	49	50	55	58	64	57	45	47	46	57	58	53	60	50	39	42	44	56	59	46	49	51	52	55	53	56	59	54	52	53	52.2
Arkadelphia §§	Maximum	81	83	86	88	85	88	76	79	79	80	84	88	87	84	60	74	81	82	87	84	81	84	85	85	85	86	86	81	80	78	68	81.8
	Minimum	46	48	47	54	52	54	54	40	43	48	50	51	48	49	54	35	35	35	46	48	43	44	48	49	50	49	52	58	59	51	51	48.1
Batesville ***	Maximum	79	80	84	86	89	88	71	77	81	79	82	88	90	87	67	69	81	75	90	79	79	86	87	86	87	88	84	79	80	77	63	81.2
	Minimum	46	46	45	54	60	61	49	42	44	46	57	55	56	54	45	40	39	39	52	49	44	47	48	52	55	52	51	58	50	41	41	49.0
Bee Branch	Maximum	80	80	80	81	85	86	85	80	80	78	81	84	85	85	79	70	79	77	90	85	79	83	84	85	86	84	81	79	80	77	79	81.5
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	51	44	46	49	50	51	51	52	57	57	46	57	....
Benton §§	Maximum	81	81	83	86	87	78	75	81	79	79	83	86	87	85	69	76	82	78	90	83	81	85	83	85	86	86	82	80	81	77	70	81.5
	Minimum	41	41	42	43	50	51	49	38	39	39	40	47	46	45	52	33	34	36	39	43	39	40	41	44	44	46	46	53	54	43	45	43.3
Bentonville ***	Maximum	74	78	79	84	84	78	67	78	78	70	79	83	83	73	63	67	75	77	83	76	83	81	83	82	82	84	72	70	71	74	64	76.6
	Minimum	48	50	56	64	60	54	46	42	47	54	57	53	57	49	42	35	40	47	56	47	48	51	59	58	56	54	58	57	46	45	50	51.2
Blytheville	Maximum	77	81	84	84	88	87	79	77	80	81	80	87	88	89	76	66	81	74	85	73	78	85	84	85	86	89	87	85	82	74	69	81.3
	Minimum	47	44	48	52	52	61	55	43	43	44	55	54	57	59	50	44	38	38	52	48	44	43	55	52	54	56	53	59	64	43	48	50.2
Booneville	Maximum	81	83	81	88	89	85	72	80	83	80	86	89	88	88	68	72	82	84	90	86	86	88	89	87	85	87	80	75	78	77	71	82.5
	Minimum	46	47	55	62	55	65	52	40	43	49	57	52	49	60	46	34	36	41	45	47	45	50	52	53	51	50	54	64	45	42	50	49.6
Brinkley	Maximum	78	78	82	83	84	83	74	72	76	76	78	84	85	82	71	65	76	74	84	75	77	82	80	81	83	84	81	81	74	73	..	78.5
	Minimum	46	41	41	50	52	56	56	39	40	39	51	49	51	55	55	..	..	33	52	49	38	41	49	49	46	44	46	48	..	60	43	47.1
Camden	Maximum	83	84	88	88	88	89	85	79	82	82	84	87	88	90	87	76	78	83	88	89	82	85	89	90	85	86	85	82	84	80	78	84.6
	Minimum	45	46	47	52	52	53	52	41	42	40	50	48	49	56	52	37	34	40	57	47	41	43	48	50	50	49	54	60	62	50	54	48.4
Clover Bend	Maximum	80	80	84	83	87	86	77	77	80	79	81	88	88	87	73	70	80	73	88	77	79	85	82	86	87	87	83	83	82	77	65	81.1
	Minimum	44	40	42	48	50	53	52	38	41	52	52	49	51	53	50	39	34	33	43	43	39	42	44	49	48	45	41	55	46	39	42	45.1
Conway	Maximum	80	77	76	90	90	88	80	77	73	74	82	91	90	81	75	72	76	79	87	75	77	86	86	85	83	86	79	79	76	75	69	80.5
	Minimum	47	48	47	57	56	60	53	43	45	45	57	53	53	51	53	38	39	43	47	49	44	47	51	52	52	51	54	59	59	44	52	50.0
Corning	Maximum	81	81	84	84	90	87	73	78	81	80	81	88	90	88	72	70	83	73	89	76	79	76	86	88	86	87	87	87	82	78	71	81.8
	Minimum	46	41	44	50	59	57	54	39	41	42	58	52	55	58	50	38	35	34	48	45	41	45	50	48	53	51	48	60	61	37	41	47.8
Crossett	Maximum	82	82	87	87	87	87	75	78	79	82	81	87	89	86	73	70	77	82	88	84	81	85	86	85	84	86	84	85	76	74	67	81.8
	Minimum	45	47	47	51	51	52	56	41	38	41	44	47	50	69	54	35	31	38	45	46	40	45	50	50	48	47	50	54	65	52	54	47.8
Dardanelle	Maximum	81	83	86	88	90	87	80	80	82	83	85	89	88	89	70	71	82	81	89	85	82	85	85	86	84	85	78	79	80	77	70	82.6
	Minimum	46	48	52	59	58	61	53	44	45	47	59	54	53	64	51	40	41	44	47	51	45	48	50	52	54	53	55	59	56	45	51	51.1
De Queen	Maximum	81	85	87	88	88	81	83	82	83	82	85	87	83	84	70	76	82	84	89	88	81	84	87	83	88	85	77	74	83	80	70	82.6
	Minimum	50	51	55	59	55	63	50	40	43	47	55	52	48	58	50	37	37	42	45	50	48	46	52	54	52	52	62	64	50	49	59	50.8
Devils Knob	Maximum	73	71	71	76	78	76	69	70	71	67	74	77	77	74	58	74	65	73	81	75	75	76	77	79	77	78	70	64	70	70	61	72.5
	Minimum	56	57	56	57	61	62	48	47	59	54	58	59	59	54	40	43	43	43	59	56	56	59	60	62	60	61	60	58	52	51	49	54.8
Dumas	Maximum	81	81	86	88	89	90	76	79	80	80	83	88	90	87	72	71	79	82	90	82	80	85	85	83	84	80	82	86	75	77	68	81.9
	Minimum	47	47	46	53	55	59	56	44	43	42	48	50	52	57	52	36	36	41	52	51	45	45	50	52	51	48	50	57	63	52	56	49.5
El Dorado	Maximum	83	83	89	89	89	90	84	81	79	80	83	86	89	86	77	71	77	86	89	86	81	86	87	86	86	87	86	83	76	75	78	83.5
	Minimum	50	52	55	57	58	56	56	48	49	47	49	54	59	55	56	40	42	47	52	56	48	51	59	58	57	56	58	63	66	54	60	53.8
England	Maximum	78	80	83	87	85	85	77	74	78	81	82	87	87	85	78	69	75	76	84	80	79	84	86	85	86	86	83	79	78	86	69	81.0
	Minimum	46	48	46	52	54	56	52	44	61	43	63	51	52	59	51	47	40	40	44	60	43	45	50	51	51	67	52	56	44	45	54	50.5
Eureka Springs	Maximum	73	79	79	83	85	82	70	80	80	70	81	84	84	81	65	70	79	78	85	80	85	83	85	84	83	83	79	72	73	77	68	78.7
	Minimum	47	50	56	63	63	59	48	44	51	53	56	55	68	51	42	36	43	48	59	49	54	54	62	62	60	59	57	58	53	45	47	53.3
Fayetteville	Maximum	77	77	78	82	83	79	65	74	76	73	78	80	80	75	61	64	72	75	81	75	79	79	81	80	79	79	73	69	69	73	66	75.2
	Minimum	45	47	57	66	60	60	47	41	48	52	56	56	57	55	42	35	38	46	55	48	48	50	58	57	55	51	56	57	47	39	50	50.9
Fayetteville Exp. S	Maximum	75	78	79	84	84	80	66	77	78	72	80	85	84	77	61	67	75	76	83	80	82	81	83	82	82	81	76	69	70	73	67	77.0
	Minimum	46	47	53	67	60	59	48	40	45	50	55	54	57	55	43	34	38	44	57	45	46	48	58	59	55	52	56	58	46	40	50	50.5
Fort Smith***	Maximum	78	82	85	85	88	82	69	79	81	75	83	85	85	76	66	70	77	84	88	82	84	86	86	85	82	84	77	73	77	76	68	79.9
	Minimum	56	55	58	65	62	58	53	46	51	56	60	58	56	54	49	42	44	49	52	56	52	54	58	60	57	57	60	60	52	49	52	54.5
Gilbert§§	Maximum	78	82	83	84	89	86	71	79	81	77	85	88	88	84	67	70	81	78	90	81	85	86	86	87	88	86	79	77	78	76	73	81.4
	Minimum	38	38	40	44	48	48	47	35	89	38	46	45	44	46	45	29	29	33	36	37	35	36	38	39	42	41	41	45	48	33	35	39.9
Grannis	Maximum	80	83	85	87	86	82	75	81	80	80	83	86	87	84	67	72	81	84	90	87	82	84	87	83	85	84	75	75	84	82	71	81.7
	Minimum	49	53	52	55	53	61	58	40	45	44	52	52	54	55	45	38	41	47	49	56	44	50	54	53	52	52	59	50	59	59	59	51.3
Gravette§§	Maximum	77	80	81	84	85	79	68	79	80	70	81	82	84	75	64	68	75	79	83	79	83	82	85	84	84	82	73	73	71	75	63	77.7
	Minimum	49	50	50	51	60	62	46	38	38	45	54	50	51	54	42	33	34	38	45	44	44	46	52	55	54	53	54	58	44	44	45	47.8
Green Mountain	Maximum	74	77	80	78	86	85	72	73	77	74	79	83	83	81	79	63	76	73	85	82	89	82	83	82	84	83	81	74	70	71	67	78.0
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	....
Harrison	Maximum	73	76	78	80	85	83	65	75	79	72	74	82	82	82	62	64	74	73	83	75	79	80	81	82	81	79	76	73	69	69	66	75.9
	Minimum	43	44	48	61	54	61	50	39	40	46	49	52	51	56	43	33	38	39	52	46	42	46	49	51	51	50	48	57	47	37	42	47.3
Helena	Maximum	78	78	83	84	84	84	77	73	77	81	74	84	86	84	79	65	74	75	84	76	77	83	79	82	84	85	85	83	75	75	68	79.2
	Minimum	52	51	51	60	59	61	52	41	47	50	50	53	57	60	49	42	36	40	54	55	46	54	57	57	54	53	56	61	63	51	55	52.5
Highland	Maximum	80	81	85	87	86	81	75	79	78	78	83	85	86	81	68	72	80	83	85	83	87	86	83	87	88	85	83	75	73	78	80	81.3
	Minimum	52	52	53	57	56	59	52	47	49	47	54	57	54	57	46	41	42	46	49	56	50	49	53	55	55	54	58	58	49	50	55	52.0
Hope §§ ‡‡	Maximum	81	86	86	88	87	84	73	80	81	82	85	81	87	88	69	72	81	83	86	86	83	87	85	85	85	86	78	80	80	79	64	81.9
	Minimum	42	49	51	55	56	56	54	44	44	45	48	53	51	59	50	39	36	39	47	53	46	45	45	52	52	52	53	63	57	50	51	49.6
Hot Springs	Maximum	80	80	84	82	86	85	77	77	77	75	82	86	86	84	76	69	78	79	89	86	79	83	82	83	83	83	79	78	80	76	69	80.4
	Minimum	48	49	52	59	61	63	56	45	47	41	57	56	58	63	53	40	40	51	57	54	47	49	53	54	55	55	52	50	57	50	53	52.4

Daily Temperatures for October, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	76	79	82	83	85	80	69	79	78	77	81	85	84	79	66	69	78	80	88	81	83	83	84	83	85	83	72	70	77	76	69	78.8
	Minimum	41	45	56	60	52	55	48	35	39	41	51	48	44	58	42	30	33	38	41	43	40	43	45	47	47	46	51	62	40	41	50	45.5
Jonesboro	Maximum	79	80	84	84	88	87	79	76	79	80	80	86	88	85	76	67	80	72	87	75	77	85	85	85	86	86	84	84	80	73	67	80.8
	Minimum	47	45	46	51	59	58	52	43	43	44	56	57	55	60	49	39	39	39	54	54	44	47	50	48	53	54	50	56	61	49	49	50.0
Lead Hill..........	Maximum	77	80	81	78	78	81	62	62	65	65	83	79	75	75	69	60	60	61	62	61	85	68	68	88	83	82	80	71	67	57	63	71.8
	Minimum	41	43	44	60	51	61	50	35	39	44	55	48	47	53	45	31	34	35	46	39	39	41	46	47	46	45	46	54	46	34	38	44.6
Little Rock..* **	Maximum	77	77	81	83	82	83	70	75	75	75	80	83	84	82	65	66	77	75	88	78	77	82	80	82	82	81	79	77	76	74	67	77.8
	Minimum	54	55	54	61	61	60	55	49	52	51	60	58	58	54	53	45	46	52	56	59	51	54	58	56	58	58	59	63	59	55	55	55.5
Little Rock.....*** [Airway]	Maximum	78	80	82	85	84	85	73	77	77	76	81	85	85	83	67	69	80	76	89	80	78	83	81	82	83	83	80	78	77	78	69	79.5
	Minimum	50	49	47	54	53	60	49	45	44	44	56	52	55	55	49	43	39	44	54	50	45	46	50	49	51	51	53	61	54	50	55	50.2
Lutherville........	Maximum	78	80	83	87	87	86	78	78	79	75	80	84	86	84	66	69	76	78	85	83	81	83	84	85	83	83	80	75	78	72	70	79.9
	Minimum	51	50	54	60	57	62	53	42	47	48	55	55	54	58	47	40	41	48	58	55	49	53	54	56	57	56	54	60	64	45	51	52.7
Magnolia..........	Maximum	85	86	88	89	90	88	89	80	83	83	85	86	87	89	76	73	79	80	89	89	87	86	85	85	85	85	85	82	85	81	70	84.2
	Minimum	50	51	55	56	59	61	53	42	43	45	52	52	55	59	55	37	42	43	52	49	47	51	54	59	55	53	64	63	63	55	61	52.8
Mammoth Spring.	Maximum	78	79	82	83	90	88	74	78	79	78	81	86	88	87	66	68	80	74	86	76	79	85	86	86	87	85	83	84	73	75	64	80.3
	Minimum	43	41	43	50	54	56	53	38	41	44	57	50	56	54	49	33	34	32	43	41	40	43	45	56	49	47	49	62	59	35	38	46.3
Marianna...	Maximum	79	76	80	84	84	83	79	74	74	75	77	83	85	84	74	73	75	72	85	..	80	81	78	80	81	83	83	83	77	74	68	78.8
	Minimum	45	43	45	51	56	63	56	44	43	42	50	55	58	62	63	42	36	37	55	..	42	46	50	53	49	48	51	63	64	50	52	50.5
Marked Tree....§§	Maximum	79	80	84	86	87	86	70	74	79	80	79	86	88	85	66	65	78	74	86	74	77	84	83	84	85	85	86	83	80	76	68	79.9
	Minimum	47	42	45	50	50	58	52	42	43	41	52	52	54	57	48	42	36	36	45	50	42	45	51	51	50	49	49	55	60	43	48	47.9
Mena.............	Maximum	75	83	85	85	88	84	70	80	81	79	84	85	85	82	64	73	80	83	90	82	85	86	87	85	86	87	71	70	76	77	70	80.6
	Minimum	48	51	52	63	59	63	54	43	46	47	56	58	56	60	46	38	43	45	55	52	47	49	53	55	54	54	59	60	45	47	54	52.0
Monticello......***	Maximum	82	82	85	85	85	85	74	77	79	80	81	86	87	85	74	69	78	80	88	82	79	84	86	84	85	85	84	83	75	74	67	81.0
	Minimum	55	57	56	60	61	62	56	45	46	52	51	54	57	60	52	39	37	48	54	54	50	55	59	57	58	56	60	60	62	56	60	54.5
Morrilton ....§§	Maximum	80	81	84	88	88	88	72	78	80	80	83	89	87	87	68	69	79	80	89	83	79	85	85	81	84	85	80	82	80	75	69	81.2
	Minimum	42	44	47	56	55	61	53	40	42	43	45	51	49	58	52	35	37	39	44	47	42	43	45	48	49	47	50	52	56	40	43	46.9
Mountain Home...	Maximum	80	82	83	81	90	90	88	78	81	77	83	86	88	85	70	70	79	77	87	81	84	87	87	87	87	86	81	79	78	76	69	81.8
	Minimum	41	43	44	61	54	60	50	37	42	45	55	51	51	52	45	33	35	36	49	45	42	46	50	52	50	50	49	57	50	37	44	47.0
Mt. Ida	Maximum	81	82	85	88	87	85	76	84	81	79	86	90	88	85	66	69	83	84	95	88	84	86	89	86	87	87	78	76	80	78	70	82.7
	Minimum	40	42	45	55	55	57	50	35	36	38	54	47	43	56	48	29	30	35	46	43	47	39	43	47	46	45	50	51	46	36	47	44.5
Nashville..........	Maximum	80	82	85	87	86	81	82	80	80	78	82	86	85	82	68	73	80	83	84	85	80	81	84	84	84	85	80	80	77	78	68	81.0
	Minimum	50	52	54	57	55	59	55	42	46	46	48	57	50	56	48	40	39	44	55	60	52	55	58	54	58	57	60	55	60	54	60	52.8
Newport...........	Maximum	80	81	81	85	87	86	79	78	80	80	80	88	88	86	76	75	80	73	90	80	79	85	83	85	86	86	83	82	80	76	67	81.5
	Minimum	44	42	44	51	55	56	55	42	43	43	53	53	53	55	52	41	38	37	47	47	43	45	49	49	56	50	50	53	61	41	49	48.3
Oden......... ..***	Maximum	78	78	89	86	85	86	72	81	80	80	85	87	87	83	69	72	80	82	89	85	85	85	86	84	85	84	74	78	80	78	69	81.3
	Minimum	49	38	44	42	43	62	50	38	43	44	57	53	50	56	43	36	38	42	63	51	54	45	49	53	51	51	56	57	49	54	52	48.8
Okay....	Maximum	81	84	85	88	88	85	82	81	81	80	85	86	88	87	80	74	80	89	90	89	82	85	85	86	85	85	83	80	81	80	76	83.6
	Minimum	48	51	51	56	55	54	51	40	43	45	53	50	48	57	50	33	34	35	45	47	47	46	52	52	49	51	65	64	56	49	57	49.5
Ozark.............	Maximum	80	82	85	88	88	84	72	73	81	76	84	85	87	83	70	70	79	79	86	85	82	82	89	83	84	84	85	82	76	74	68	80.6
	Minimum	47	48	57	62	53	64	50	51	41	51	57	53	50	57	47	37	40	42	44	49	45	47	46	50	52	51	54	50	49	65	51	50.3
Paragould....... .	Maximum	75	75	79	83	84	83	83	72	73	76	76	83	84	83	77	64	76	70	85	80	72	79	78	80	81	80	81	81	77	71	68	77.7
	Minimum	49	42	45	48	56	56	54	42	39	42	54	51	54	56	50	40	37	36	49	49	43	44	49	47	49	51	48	55	63	44	47	48.0
Pine Bluff.........	Maximum	81	83	87	88	89	89	75	75	81	81	83	87	88	84	73	69	79	82	89	81	81	88	83	86	88	87	83	80	73	77	76	82.1
	Minimum	53	51	51	57	58	60	56	48	48	48	55	55	57	62	51	45	40	48	59	59	48	49	54	54	55	56	57	61	61	52	58	53.7
Pocahontas.......	Maximum	80	79	83	84	89	86	82	77	80	79	80	88	89	87	82	69	81	73	88	82	77	85	85	85	87	87	84	83	80	76	70	81.8
	Minimum	51	44	45	50	53	54	52	39	43	42	55	50	52	54	49	41	35	36	45	50	44	43	47	46	49	50	49	53	61	40	46	47.4
Portland	Maximum	80	82	86	87	87	88	74	75	77	80	77	85	88	85	73	67	73	79	87	84	77	84	85	82	82	84	87	86	86	72	69	80.9
	Minimum	47	48	45	51	50	55	54	43	39	40	44	45	50	52	50	39	32	39	45	53	40	41	48	48	46	45	49	54	63	53	55	47.2
Prescott............	Maximum	83	84	87	89	89	86	82	80	82	82	85	87	88	86	80	72	80	85	87	84	82	87	85	87	86	87	84	81	80	80	75	83.6
	Minimum	52	53	52	55	58	59	56	46	47	47	55	54	53	60	54	42	40	47	52	57	49	49	53	55	54	54	60	65	59	53	59	53.2
Rogers	Maximum	74	78	79	84	84	77	66	75	79	71	79	82	81	76	61	66	75	77	84	81	82	82	83	82	82	81	74	70	71	75	69	76.8
	Minimum	43	45	55	65	56	66	48	38	42	51	55	50	52	55	43	33	36	40	52	44	43	44	50	49	49	48	51	57	46	37	49	48.1
Russellville......‡‡	Maximum	82	85	87	90	90	86	80	81	82	79	87	89	90	88	74	71	81	80	87	84	83	85	86	88	86	86	81	80	81	80	77	83.4
	Minimum	43	45	49	56	55	59	50	41	57	55	52	55	51	56	50	38	39	41	43	47	43	45	46	49	51	49	51	56	57	41	49	49.0
St. Charles ......§§	Maximum	80	79	81	84	80	84	74	75	77	77	81	84	87	83	66	68	77	75	85	79	77	82	79	81	82	84	84	82	73	75	66	78.7
	Minimum	46	47	46	52	54	58	54	43	44	45	51	51	53	58	49	40	38	40	48	49	43	47	51	50	50	51	52	57	62	50	52	49.4
Searcy	Maximum	81	83	85	86	88	87	75	79	86	84	83	87	89	87	76	70	83	77	89	79	81	85	85	86	87	88	81	80	81	77	66	82.3
	Minimum	50	46	45	52	53	56	52	43	44	45	57	52	53	55	52	41	38	40	46	52	44	46	48	48	50	50	51	55	60	45	54	49.1
Stuttgart	Maximum	80	80	83	86	85	87	75	75	79	79	81	86	88	85	73	67	75	76	86	78	77	84	83	84	84	84	85	82	73	76	78	80.5
	Minimum	46	51	47	52	55	57	54	45	46	45	52	51	53	57	51	40	38	41	53	53	44	48	53	52	52	52	54	56	61	49	56	50.5
Stuttgart . ....‡‡§§	Maximum	81	80	83	84	85	85	73	76	77	77	80	85	85	83	66	67	76	75	84	78	78	84	82	83	84	85	85	82	72	72	67	79.2
	Minimum	48	48	46	53	54	58	55	42	44	44	51	51	51	58	52	41	37	40	50	54	43	47	52	52	51	50	53	59	62	50	55	50.1
Subiaco	Maximum	91	83	86	91	90	87	85	80	82	80	84	86	87	87	68	68	78	83	86	85	85	86	86	85	83	86	78	75	77	75	70	82.4
	Minimum	49	50	54	62	60	41	52	45	46	51	58	55	55	61	47	39	42	45	57	53	48	52	53	54	51	54	56	60	50	46	51	51.6
Texarkana	Maximum	85	88	90	91	91	88	81	83	85	85	86	90	90	87	76	72	82	88	92	90	85	88	90	89	85	88	82	80	82	82	72	85.3
	Minimum	54	54	60	59	60	64	55	45	46	48	55	56	55	60	49	42	40	46	52	55	51	50	60	59	58	56	66	62	60	54	54	54.4
Thornburg	Maximum	82	84	84	87	90	84	76	79	79	80	85	90	89	85	71	69	80	81	90	83	83	85	87	85	85	86	80	75	81	79	69	82.0
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Turnpike..........	Maximum	73	74	74	78	80	77	63	71	74	67	75	78	79	75	60	65	74	69	83	74	78	78	79	79	78	78	71	68	71	71	66	73.5
	Minimum	53	55	56	59	59	57	47	48	56	52	55	59	61	57	39	39	49	49	60	53	53	57	59	60	60	61	59	57	53	48	49	54.2
Waldron	Maximum	80	82	86	88	88	85	81	80	81	80	86	90	87	85	80	71	80	85	89	85	86	86	86	85	86	82	80	77	80	78	73	82.8
	Minimum	45	45	50	59	60	63	53	38	41	44	56	51	45	60	44	33	35	39	48	45	41	42	46	49	49	48	50	65	46	38	50	47.7
Warren	Maximum	83	89	86	87	88	88	76	78	80	82	83	88	89	86	75	70	78	84	90	83	80	85	86	85	85	87	85	83	78	76	70	82.7
	Minimum	47	48	48	53	54	60	54	45	42	42	50	50	51	61	52	40	37	44	58	56	44	45	50	53	51	51	54	57	62	52	58	50.6
White Rock.......	Maximum	73	75	77	81	81	79	65	74	74	71	77	81	80	74	59	65	74	74	85	76	78	77	78	78	78	77	70	63	74	70	72	74.5
	Minimum	57	56	58	60	64	59	47	50	58	50	59	59	61	55	40	44	50	54	54	58	59	58	61	61	59	62	59	59	53	53	50	55.7
Wilson	Maximum	76	78	83	85	85	86	77	73	76	79	78	84	87	85	73	65	73	72	78	74	76	83	82	82	84	85	86	84	79	74	69	79.1
	Minimum	46	43	44	53	58	60	53	40	43	44	53	54	58	60	49	40	35	34	51	50	44	46	52	54	53	50	54	58	62	44	46	49.4
Wynne	Maximum	80	89	85	89	89	88	83	79	81	79	79	87	89	87	82	68	80	77	89	84	84	80	86	85	86	87	86	85	79	77	72	82.6
	Minimum	43	40	43	51	47	60	52	40	42	46	52	52	55	59	49	36	33	34	53	44	40	47	46	45	53	50	50	61	63	50	53	48.1

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for October, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.230	.153	.200	.199	.247	.203	.258	.219	.170	.202	.181	.189	.210	.218	.231	.210	.181	.182	.238	.281	.217	.189	.192	.149	.131	.138	.132	.140	....	.138	.159	5.980
	Mean tem.	62	68	68	72	72	70	64	62	62	64	66	67	69	74	60	56	58	61	66	70	64	66	65	68	68	69	66	72	68	64	58	65.8
	Wind move	34	10	18	18	39	31	41	59	13	29	7	17	36	22	66	49	21	19	45	57	22	12	14	11	9	8	11	44	37	16	24	839
Irons Fork,.. §§ Exp. Forest	Evap.	.122	.051	.119	.144	.145	.137	.113	.091	.093	.100	.075	.102	.119	.070	.077	.104	.074	.066	.114	.093	.081	.112	.105	.045	.065	.062	.046	.002	041	.065	088	2.712
	Mean tem.	58	62	69	72	68	68	58	57	58	59	66	66	64	68	54	50	56	59	64	62	62	63	64	65	66	64	62	66	58	58	60	62.2
	Wind move	0	1	5	10	8	5	14	5	1	3	1	1	0	2	17	7	1	2	2	1	1	2	3	1	1	0	2	3	6	1	6	112
Russellville,... Ozark Nursery.	Evap.	.182	.120	.190	.218	.202	.200	.190	.050	.240	.136	.226	.063	.057	218	.214	.130	.120	.128	.284	.040	.140	.110	.086	*	.214	.106	.066	168	.062	.164	.059	4.413
	Mean tem.	62	65	68	73	72	72	65	61	70	67	70	72	70	72	62	54	60	60	65	66	63	65	66	68	68	68	66	68	69	60	63	66.0
	Wind move	4	5	14	27	25	35	46	11	6	7	10	2	3	35	88	12	13	2	25	2	13	5	10	1	8	7	3	21	8	19	12	479
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.174	.111	137	.131	.175	.153	.198	.127	.122	.127	.121	.097	.140	.145	.161	.097	.100	.105	.117	.177	.135	.095	.130	.121	.091	.090	.095	.111	.119	.042	.123	3.867
	Mean tem.	64	64	64	68	70	72	64	59	60	60	66	68	70	70	59	54	56	58	67	66	60	66	67	68	68	68	69	67	67	61	61	64.6
	Wind move	32	10	16	11	40	39	91	37	17	17	19	16	30	22	84	47	23	20	32	57	19	10	17	25	12	10	7	32	78	9	39	918

Daily Precipitation for October, 1940 Hydrologic Stations

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alicia [1]	White						.55								.33	.02																.16	1.06
Antoine(near) [2]	Ouachita							.55																					.13	1.55		.40	2.63
Beaty Lake(near)	St. Francis																																......
Beedeville [2]	White							.58								.34														.35			1.27
Blue Mountain [2]	Arkansas															.50														.40		.30	1.20
Briggsville [1]	Arkansas						.67								.43													.23	.95			.44	2.72
Cabot [2]	Arkansas						1.00								.25															.90		.30	2.45
Carlisle [2]	Arkansas							.70								.15														1.05			1.90
Carpenter Dam [1]	Ouachita						.50								.05														1.15			1.21	2.91
Centerville(near) [3]	Arkansas																																......
Clarksville [1]	Arkansas						.61								.22													.13	.64			.14	1.74
Compton [1]	White						.32								.42													.03	.86				1.63
Denmark [2]	White							.46								.38														41			1.25
Dermott [2]	Mississippi							.05								.16														.05	.96		1.22
Eleven Point [2]	White							.31																									0.31
Evening Shade [2]	White							.35								.30														.16			0.81
Foreman [1]	Red						.45								.18													.81	1.60			.95	3.99
Forrest City [1]	St. Francis																																......
Green Forest [2]	White																																......
Greenwood [2]	Arkansas							.80				.02				.51														1.12		.17	2.62
Hardy [1]	White																																.....
Harrisburg [2]	St. Francis																																......
Huntsville [2]	White						*	.45							*	.72												*	*	.92		.02	2.11
Jacksonville [2]	Arkansas						.85								.17															.73		.32	2.07
LaCrosse [2]	White							.73								.36													.04	.15			1.28
Lake City [2]	St. Francis							.58								.65														.19			1.42
Marvell [2]	White							11																						1.66	.18		1.95
Mountain View [2]	White							1.23				.01				.34														.08	.19		1.85
Newhope(near) [2]	Ouachita							.55																						.95	*	1.04	2.54
Nimrod [2]	Arkansas						.60								.31													.05	1.06			.43	2.45
Odell (near)	Arkansas																																......
Parthenon [2]	White						.50								.34														1.02			.05	1.91
Pottsville [2]	Arkansas																												.70		.62		.....
St. Paul [2]	White							.56								.52													.03	1.80		.02	2.93
Shirley [2]	White							.96								.32													.19	.52			1.99
Solgahachie [2]	Arkansas						.36																					.13	.09			1.10	1.68
Sparkman [2]	Ouachita							.50																						1.49		.12	2.11
Tichnor [2]	White							.25								.12														.95			1.32
Vick [2]	Ouachita																																0.00
Wheeling [1]	White						1.04								.14														.05				1.23
Winfrey [1]	Arkansas						.31								.41													.21	1.92			.07	2.95

Daily River Stages for October, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Van Buren	do	22	4.1	3.6	3.2	3.2	3.0	3.0	2.9	2.9	2.7	2.7	2.6	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0	1.9	2.1	2.6	2.7
Mulberry	Mulberry	18	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
Danville	Petit Jean	20	2.7	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.2
Ozark	Arkansas	22	0.9	0.4	0.0	-0.1	-0.4	-0.6	-0.6	-0.6	-0.7	0.7	-0.8	-0.8	-0.9	-0.9	-0.9	1.0	-1.0	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.0	-0.8
Dardanelle	do	22	1.6	3.3	2.6	2.2	1.1	1.6	1.6	1.7	1.6	1.4	1.3	1.2	1.1	1.1	1.1	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.6
Morrilton	do	20	-2.4	-0.9	-1.9	-1.9	-2.3	-2.6	-2.7	-2.8	-2.8	-3.0	-3.1	-3.2	-3.3	-3.4	-3.4	-3.5	-3.6	-3.6	-3.7	-3.9	-3.8	-3.8	3.8	-3.8	-3.8	-3.9	3.9	-4.0	-3.9	-3.9	-4.0
Little Rock	do	23	-0.7	-0.6	-0.4	-0.3	-0.1	-0.4	-0.6	-0.8	-0.9	-0.9	-1.1	-1.0	-1.1	-1.2	-1.3	-1.4	-1.4	-1.5	-1.5	-1.6	-1.6	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.8
Pine Bluff	do	25	2.9	2.8	2.8	3.6	3.6	3.2	3.1	2.9	2.7	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.7
Gilbert	Buffalo	30	3.3	3.2	3.2	3.1	3.1	3.1	3.2	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.9	2.8	2.8
Doniphan, Mo.	Current	10	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Black Rock	Black	14	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
Heber Springs	Little Red	30	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4
OzarkBeachMo	White	30	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.7	-0.6	0.6	-0.6	-0.6	-0.6	-0.6
Cotter	do	21	2.2	2.1	2.1	1.9	1.8	1.8	1.8	1.9	1.4	1.4	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.6	1.5	1.4	1.5	1.5	1.4	1.2	1.2	1.4	1.5	1.5	1.3
Calico Rock	do	18	2.1	1.2	1.4	1.1	0.9	0.9	0.9	0.8	0.9	0.5	0.4	0.6	0.5	0.6	0.5	0.9	0.5	0.5	0.4	0.4	0.6	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.5	0.6	0.4
Batesville	do	23	6.7	5.9	5.1	5.1	5.0	4.8	4.9	4.8	4.6	4.7	4.4	4.2	4.3	4.3	4.4	4.3	4.5	4.3	4.3	4.2	4.1	4.2	4.1	4.1	4.2	4.2	4.1	4.1	4.0	4.0	4.3
Newport	do	26	0.5	0.9	0.6	0.2	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Georgetown	do	21	-0.4	-0.4	-0.4	0.6	0.7	0.6	0.5	0.4	0.3	0.3	0.2	-0.2	-0.2	-0.3	-0.4	-0.4	-0.4	-0.8	-1.0	-1.0	-1.0	-1.2	-1.2	-1.2	-1.2	-1.2	1.2	-1.2	-1.2	-1.0	-0.8
Des Arc	do	24	2.0	2.0	2.2	2.8	3.1	3.0	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.3	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Clarendon	do	26	6.2	6.2	6.1	6.3	6.7	6.9	7.0	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.7	5.7	5.6
St. Charles	do	25	6.7	6.7	6.6	6.7	6.9	7.2	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.8	6.7	6.6	6.5	6.5	6.4	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.3	6.2	6.2
Glenwood	Caddo	..	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.2	5.2
Arkadelphia	Ouachita	17	3.9	3.8	4.4	4.8	4.5	4.5	4.0	4.2	4.5	4.1	4.8	5.1	5.8	4.4	4.6	4.8	4.4	5.2	5.0	5.1	4.3	4.3	4.2	4.8	4.7	5.1	5.9	4.4	6.0	5.0	4.9
Boughton	Little Mo.	20	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.5	3.3	3.3
Camden	Ouachita	26	4.2	4.0	3.9	3.9	4.4	4.4	4.5	4.4	4.1	4.0	4.3	4.4	4.5	5.2	5.0	4.4	4.3	4.5	4.4	4.7	4.8	4.7	4.2	4.2	4.3	4.6	4.7	4.9	5.4	4.5	5.1
Benton	Saline	20	3.0	3.0	3.0	3.0	2.9	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.1	3.1	3.3
Whitecliffs	Little River	25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Index	Red	25	5.6	5.4	5.4	5.4	5.4	5.7	5.8	5.7	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.2
Fulton	do	25	4.1	4.0	3.9	3.8	3.8	4.0	4.0	3.8	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.3	3.2	3.2	3.1	3.2	2.9	2.9	2.9	2.8	2.8	3.1	3.2	3.3
Big Lake Outlet	St. Francis	10	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.6	2.6
St. Francis	do	18	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	2.1	2.1	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	2.1	2.3	2.4	2.4	2.5	2.5	2.4
St. Francis L.L.	do	..	14.0	16.0	16.7	15.9	14.4	15.5	15.0	15.3	13.6	15.7	14.1	15.5	13.4	15.7	14.0	15.5	16.4	15.1	13.9	15.5	13.6	15.5	13.7	13.8	15.6	13.6	15.6	14.0	15.6	13.6	15.6
Marked Tree	do	17	2.5	3.0	0.7	2.9	2.9	1.0	2.5	1.5	2.6	0.8	2.6	0.8	2.6	0.7	2.6	0.8	0.4	2.8	2.4	0.7	2.7	0.7	2.4	2.9	0.6	2.5	0.6	2.5	0.6	2.3	0.6
Parkin	do	28	2.2	2.2	1.9	1.4	1.1	2.6	2.6	1.8	2.2	2.1	1.9	2.0	2.0	2.0	1.8	2.0	1.9	1.3	2.1	2.3	1.9	1.8	1.8	1.8	1.8	1.3	1.7	1.7	1.9	1.7	1.7
Madison	do	32	0.7	0.6	0.6	0.4	0.2	0.3	0.5	0.7	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.0	0.2	0.5	0.4	0.2	0.2	0.2	0.2	0.3	0.1	0.2	0.1	0.1
Helena	Mississippi	42	2.7	2.8	3.1	3.5	3.4	2.8	2.2	1.8	1.3	0.8	0.8	0.7	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.2	0.1	0.0	0.0	0.0	-0.3	-0.5	-0.4	-0.2	-0.3
Arkansas City	do	42	-1.1	-0.9	-0.8	-0.6	-0.3	-0.2	-0.3	-0.8	-1.2	-1.7	-2.1	-2.3	-2.3	-2.4	-2.6	-2.6	-2.7	-2.7	-2.8	-2.9	-2.9	-3.0	-3.1	-3.1	-3.1	-3.2	-3.2	-3.4	-3.5	-3.6	-3.6

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena, Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 11-19-40-1150

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

3

WALTER C. HICKMON

ol. XLV   Little Rock, Ark., November, 1940   No. 11

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GENERAL SUMMARY

The mean temperature for November, based on the reports f 76 stations, was 49.3°, which is 2.0° below the 50-year averge. All stations for which 35-year normals have been comuted showed negative departures except Camden, where the eparture was +0.3°. The monthly means ranged from 43.6° t Gravette to 54.8° at El Dorado. The highest temperature or the month occurred on the 2d at most stations, the highest eing 82° at Camden, Mountain Home and Texarkana. Lowst readings were reported on the 15th over the State, the lowst being 3° at Gilbert. Other low temperatures were as folows: Lead Hill, 4°; Gravette, 5°; Irons Fork, Rogers and hornburg, 6°; Eureka Springs and Turnpike, 7°; Bentonville, evils Knob and Mt. Ida, 8°. The greatest daily range was 3° at Mt. Ida and Gilbert on the 17th.

The average precipitation for 107 stations was 5.92 inches, hich is 2.14 inches above the 50-year average. Rainfall was bove the normal over most of the State except at a few staons in the extreme east and northeast. Monthly amounts anged from 2.75 inches at Blytheville in the northeastern part f the State, to 11.51 inches at Springbank in the extreme outhwestern part. From nine to eleven inches were reported rom a number of stations in the southwestern counties. Scatered showers were reported from the 8th to the 11th, and freuent to continuous rains from the 20th to the 26th, the averge number of rainy days being 9. The greatest rainfall reorted in any 24-hour period was 5.50 inches at Glenwood on e 22d and 23d. The second greatest 24-hour amount was .86 inches at Springbank on the 22d and 23d. Light snow as reported in Benton, Carroll, Boone, Washington and Johnon counties the 11th and 13th. Fayetteville reported 0.4 inch, ogers and Eureka Springs 0.2 inch.

The growing season for 1940 ended on the 12th, when the rst killing frost was reported over the entire State. The growg season this year was from April 13th to November 12th, n average of 213 days. The freezing weather the middle of e month caused only slight damage, because crops had genrally matured. Fall and winter gardens and truck crops sufered most, and there was some damage to late potatoes and urnips still in the ground. Winter grains and cover crops ere retarded by the cold weather. Normal advancement was eported at the end of the month. Harvesting operations were ractically completed during the month.

The heavy rains the latter part of the month caused a flood ondition on the Ouachita River. At Arkadelphia the crest as 18.2 feet on the morning of the 24th, which is 1.2 feet aove the flood stage. At Camden the crest was 23.7 feet on e night of the 27th-28th, or 2.3 feet below flood stage. o flood losses occurred in Clark County. In Ouachita County was estimated that the damage to matured crops amounted $500, and for the suspension of business $500. O. D. N.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmostpheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	30.19	30.65	13	29.36	11	8.0	23	sw.	28	..	..	..	57
Fort Smith..	30.17	30.66	14	29.63	26	7.7	35	w.	11	78	59	58	49
Little Rock..	30.17	30.65	14	29.52	11	8.0	27	s.	10	90	61	72	60
Memphis	30.18	30.57	14	29.51	11	7.8	32	sw.	11	82	57	71	54

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog.	..	..	.	..	..	..	..	4	5	15	..	1	1	1	1	1	1	..	.	..	3	8	9	5	4	2	..	..	..	..
Light hail	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.	.	.	..	..	..	..		.
Moderate hail .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.		..	..
Thunderstorm .	.	..	..	3	1	.	..	..	..	9	13	..	..	..	..	.	..	..	..	.	..	6	1	..	1	..	..	1	..	.

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891..........	49.7	87	10	5.56	....	8	13	7	10
1892..........	49.9	79	20	5.83	1.2	9	11	7	12
1893..........	49.3	84	10	4.21	0.0	5	14	8	8
1894..........	50.4	81	12	1.12	T.	2	19	6	5
1895..........	49.9	82	16	4.82	0.1	6	14	5	11
1896..........	52.8	88	8	4.34	0.1	7	14	7	9
1897..........	51.6	88	15	2.82	T.	6	16	6	8
1898..........	47.5	87	9	3.20	T.	4	13	8	9
1899..........	54.3	87	17	2.61	T.	6	13	8	9
1900..........	51.4	90	18	4.28	T.	6	15	7	8
1901..........	50.5	88	15	2.99	0.0	5	16	7	7
1902..........	56.5	90	18	6.66	T.	9	8	9	13
1903..........	47.6	89	2	0.64	0.1	3	13	9	8
1904..........	51.4	89	17	1.38	T	3	17	5	8
1905..........	53.2	88	9	3.28	T.	5	16	5	9
1906..........	50.2	88	13	5.90	0.1	6	14	7	9
1907..........	49.0	84	10	5.71	T.	6	16	5	9
1908..........	53.8	88	5	5.40	T.	8	15	6	9
1909..........	59.3	90	16	3.75	0.0	7	13	8	9
1910..........	51.5	85	17	0.47	0.0	3	16	9	5
1911..........	46.8	86	5	3.18	0.2	7	14	8	8
1912..........	50.5	89	13	1.66	T.	2	19	7	4
1913..........	57.6	85	20	2.47	0.0	5	10	9	11
1914..........	52.6	88	11	2.32	T.	4	15	6	9
1915..........	54.8	88	17	5.40	0 1	6	16	5	9
1916..........	52.1	87	10	2.95	T.	5	20	4	6
1917..........	50.7	85	11	1.96	T	4	17	4	9
1918..........	49.7	88	18	3.91	0.1	6	15	4	11
1919..........	51.4	86	14	6.27	T.	7	17	3	10
1920..........	47.8	89	10	1.95	T.	5	15	4	11
1921..........	54 9	88	17	5.53	T.	7	13	6	11
1922..........	52.9	88	20	3.89	0.0	6	16	6	8
1923..........	50.8	81	21	3.34	0.3	6	15	4	11
1924..........	53.4	88	15	2.36	T.	4	16	5	9
1925..........	50 4	89	15	5.67	T	8	16	4	10
1926..........	47.2	81	10	3.33	0.7	6	14	5	11
1927..........	56.7	96	20	3.67	0.1	6	7	8	15
1928..........	50.2	82	13	4.25	T.	8	13	3	14
1929..........	46.1	85	7	2.61	2.3	8	10	6	14
1930..........	50 5	87	16	4.15	T.	7	16	4	10
1931..........	57.6	88	18	6.34	T	9	9	6	15
1932..........	46.7	82	9	1.98	0 1	6	16	4	10
1933..........	53.0	85	20	1 86	T	4	16	6	8
1934..........	54.0	88	20	6.89	0.6	9	15	5	10
1935..........	49.8	89	16	3.81	T.	9	8	6	16
1936..........	48.5	87	12	3.00	0.2	5	17	5	8
1937..........	48.3	90	6	4.99	0.5	8	13	6	11
1938..........	50.7	89	8	5.26	0.1	5	16	6	8
1939..........	48.8	87	11	3.39	T.	7	12	5	13
1940..........	49.3	82	3	5.93	T.	9	13	5	12
Period.......	51.3	96	2	3.79	0.1		14	6	10

Climatological Data for November, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	4	49.8	......	78	3	14	15	40	7.81	......	2.23	0.0	10	8	11	11	e.	L. R. Water Works
Arkadelphia	Clark	200	45	50.9	......	78	2	17	15	49	6.95	+3.43	1.70	0.0	11	16	4	10	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	7.62	+3.84	2.20	0.0	9	14	5	11	......	Herbert Neff
Batesville Airway	Independence	363	4	48.1	- 1.1	81	2	13	15	43	5.61	......	1.28	0.0	10	11	6	13	s.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	5.39	+1.96	1.45	0.0	10	12	1	17	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	49.0	- 1.8	77	3	10	15	41	5.10	+1.44	1.70	0.0	9	11	7	12	e.	J. E. Scanlan
Benton	Saline	285	5	47.9	......	78	2	14	14§	50	6.62	......	1.88	0.0	9	15	3	12	nw.	S. A. Burks
Bentonville	Benton	1295	35	46.0	- 2.2	76	2	8	15	39	3.52	+0.51	1.17	T	9	12	6	12	s.	U. S. Weather Bureau
Bethesda	Independence	500	1	......	......	......	......	......	......	......	5.26	......	1.18	0.0	10	......	......	......	......	Soil Conservation Ser.
Big Lake Outlet ..†	Mississippi	239	10	......	......	......	......	......	......	......	3.05	......	0.80	0.0	8	13	1	16	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	5.93	+2.02	1.58	0.0	9	17	2	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	48.8	- 2.6	80	2	13	15	41	2.75	-1.48	0.61	0.0	8	17	4	9	s.	Samuel Norris
Booneville (near)	Logan	465	26	49.6	- 3.0	81	2	11	15	47	4.81	+1.57	1.22	0.0	8	14	9	7	w.	F. H. Randolph
Boughton ....†	Clark	235	5	......	......	......	......	......	......	......	7.63	......	1.89	0.0	8	14	4	12	......	Harry J. Buie
Brinkley	Monroe	205	49	49.0	- 2.9	80	2	13	15	45	4.59	+0.63	1.08	0.0	10	15	4	11	se.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	5.78	+2.27	1.70	0.0	8	8	2	20	......	William Jones
Camden	Ouachita	116	55	52.5	+ 0.3	82	3	17	15	46	9.11	+5.17	2.61	0.0	10	13	3	14	se	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	4.96	+1.11	1.55	0.0	10	10	7	13	ne.	R. M. Wheatley
Clinton	Van Buren	516	19	......	......	......	......	......	......	......	6.74	+3.30	1.89	0.0	9	15	6	9	n.	E. F. Tomlinson
Clover Bend	Lawrence	235	..	46.9	......	81	2	11	15	47	5.34	......	1.58	0.0	9	15	5	10	n.	G. E. Tanner
Conway	Faulkner	309	57	49.8	- 2.1	77	2§	13	15	43	6.75	+3.15	1.70	0.0	10	15	7	8	n.	E. E. Cordrey
Corning	Clay	293	47	47.8	- 0.8	80	2§	12	15	44	5.35	+1.59	1.33	0.0	8	16	1	13	nw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	3.94	+1.61	0.98	0.0	8	12	10	8	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	52.6	- 1.4	79	3	14	15	46	7.59	+3.71	3.13	0.0	11	15	2	13	s.	U.S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	6.35	+3.28	2.24	0.0	9	10	8	12	......	J. M. Patterson
Dardanelle	Yell	330	54	50.2	- 1.7	80	2	14	15	42	5.71	+2.40	2.15	0.0	9	11	8	11	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	51.6	......	78	2	17	14	46	9.49	......	4.23	0.0	8	13	5	12	s.	E. B. Smith
Des Arc	Prairie	204	2	50.8	......	79	2	14	15	42	5.97	......	2.21	0.0	8	8	5	17	......	Z. R. Glenn
Devils Knob..... †	Johnson	2350	4	45.2	......	69	2	8	15	33	5.41	......	1.54	0.0	10	17	0	13	se.	U. S. Forest Service
Dumas	Desha	162	35	52.2	- 1.5	89	2	15	15	45	5.93	+1.73	1.98	0.0	9	9	12	9	n.	Ben Johnson
El Dorado	Union	270	40	54.8	- 0.8	79	2§	20	15	40	9.60	+5.54	2.82	0.0	11	14	5	11	w.	Mrs. E. W. Gaston
England	Lonoke	229	34	50.6	- 2.6	78	2	16	15	43	5.95	+2.16	1.10	0.0	9	7	14	9	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	47.8	- 3.1	78	2	7	15	43	3.15	+0.38	1.05	0.2	11	17	6	7	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	46.6	......	73	2	9	15	40	3.38	......	1.35	0.4	8	8	10	12	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	46.6	- 2.9	74	2	9	15	42	3.24	+0.37	1.28	0.3	10	14	7	9	s.	University of Arkansas
Fort Smith	Sebastian	448	59	49.6	- 1.4	77	2	18	15	36	4.62	+1.75	1.35	0.0	9	12	6	12	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	3	......	......	......	......	......	......	......	4.47	......	1.43	0.0	7	14	6	10	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	7.47	+3.97	2.10	0.0	11	11	5	14	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	7.78	+3.99	2.86	0.0	8	18	2	10	......	C. G. Long
Gilbert	Searcy	600	15	44.6	......	76	3	3	15	53	5.01	+2.66	1.42	0.0	9	15	1	14	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	11.83	......	5.50	0.0	11	13	4	13	......	C. A. Price
Grannis	Polk	950	21	50.2	- 2.4	78	19§	13	15	40	9.37	+5.25	2.16	0.0	10	15	4	11	ne.	W. E. McVay
Gravette	Benton	1250	43	43.6	- 5.4	76	2	5	15	50	4.78	+1.62	1.71	T	6	16	6	8	se.	Max W. Schmidt
Green Mountain	Stone	1100	3	47.2	......	73	2	11	15	34	5.96	......	1.60	0.0	10	16	3	11	s.	U. S. Forest Service
Harrison	Boone	1052	40	45.7	- 3.0	75	2	9	15	38	2.99	+0.18	1.00	0.0	9	17	4	9	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	5.30	......	1.36	0.0	10	14	7	9	......	Lester B. Logan
Helena	Phillips	300	68	50.6	- 2.4	78	2	12	15	37	6.17	+1.73	2.20	0.0	10	10	7	13	se.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	5.37	+0.93	1.52	0.0	9	14	7	9	e.	Austin E. Cartwright
Highland	Pike	491	21	50.9	......	79	2	15	15	40	7.65	+4.13	2.88	0.0	9	13	10	7	s.	J. O. Cooley
Hope (near).....‡‡	Hempstead	375	70	50.9	- 3.3	79	2	16	15	47	8.35	+4.59	2.29	0.0	9	11	11	8	ne.	Experiment Farm
Hot Springs	Garland	600	49	49.7	- 3.1	76	2	15	15	36	7.84	+3.94	2.07	0.0	11	14	5	11	s.	National Park Service
Index ....†	Little River	275	23	......	......	......	......	......	......	......	6.75	+3.85	2.00	0.0	10	19[b]	0	9[b]	......	W. E. McDowell
Irons Fork .....†‡‡	Polk	1385	2	46.2	......	76	2	6	15	46	6.37	......	1.54	0.0	12	8	8	14	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	8.28	+3.95	3.67	0.0	9	9	7	14	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	48.4	- 2.8	78	2	13	15	38	5.11	+1.62	2.35	0.0	9	8	12	10	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	44.2	- 4.2	81	2	4	15	49	2.85	+0.09	0.91	T.	9	13	9	8	nw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	51.0	- 1.1	75	2	20	15	35	5.55	+1.36	1.86	0.0	11	12	3	15	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	50.0	......	77	2	18	15	41	5.31	......	1.49	0.0	9	9	8	13	s.	W. B. Airport Station
Lutherville.......†	Johnson	775	42	48.4	- 2.6	77	2	12	15	36	7.50	+4.09	1.85	0.0	7	6	7	17	nw.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	3.90	......	1.10	0.0	7	6	9	15	......	J. W. Eppes
Magnolia	Columbia	315	24	54.1	- 0.9	80	2§	18	15	43	8.41	+4.38	3.60	0.0	8	9	9	12	sw.	State Agri. School
Mammoth Spring	Fulton	600	36	46.6[a]	- 2.1	81[a]	2	9[a]	15	49[a]	5.25	+1.98	1.50	0.0	7	10[a]	7[a]	12[a]	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	50.2[a]	- 2.1	76[a]	2	16[a]	15	42[a]	3.36	-0.14	0.80	0.0	12	16[a]	4[a]	9[a]	n.	C. N. Houck
Marked Tree	Poinsett	229	36	47.4	- 1.8	78	2	12	15	43	3.45	-0.70	0.70	0.0	8	11	7	12	s.	Charles Walton
Mena	Polk	1207	52	50.0	- 2.2	78	2	13	15	39	6.21	+2.59	1.34	0.0	12	15	3	12	sw.	E. W. St. John
Monticello, Airway	Drew	273	4	52.8	......	78	2	19	15	39	7.03	......	2.92	0.0	12	8	9	13	s.	Airway Observer
Morrilton	Conway	315	21	47.4	- 3.5	89	2	15	15	46	7.72	+4.44	2.98	0.0	9	13	4	13	nw.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	4.68	......	1.40	0.0	9	18	2	10	s.	C. A. Lovell
Mountain Home	Baxter	800	28	46.3	- 2.3	82	2	10	15	47	3.18	+0.35	1.15	0.0	7	15	2	13	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	8.56	......	2.79	0.0	9	17	0	13	s.	J. G. Scott
Mount Ida	Montgomery	702	41	48.8	- 1.8	79	2	8	15	53	6.93	+2.50	2.24	0.0	9	11	6	13	w.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	10.50	......	4.61	0.0	11	19	2	9	w.	U. S. Forest Service
Mulberry(near)..†	Franklin	433	2	......	......	......	......	......	......	......	5.45	......	1.63	0.0	10	13	3	14	......	Clifton Ward
Nashville	Howard	350	2	51.5	......	77	2	18	14§	43	6.58	......	2.98	0.0	11	15	5	10	e.	H. B. Carruth
Newport	Jackson	231	57	49.4	- 1.6	79	2	14	15	44	7.11	+3.47	2.81	0.0	10	13	7	10	n.	J. D. Henderson
Oden	Montgomery	800	13	49.0	......	76	2	11	15	46	6.23	......	2.09	0.0	8	11	8	11	s.	U. S. Forest Service
Okay	Howard	288	12	52.6	......	78	2	15	15	48	5.95	......	2.70	0.0	12	13	5	12	s.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	2.89	......	0.60	0.0	8	12	7	11	......	G. H. Banks
Ozark	Franklin	396	45	48.0	- 3.4	78	2	12	15	40	5.01	......	1.30	0.0	10	9	6	15	e.	Orkney O. Milton
Paragould	Greene	275	17	47.2	......	75	3	14	15	41	5.01	+1.56	2.40	0.0	10	18	2	10	sw.	I. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	3.36	......	1.00	0.0	7	15	3	12	......	Carroll King
Pine Bluff	Jefferson	215	53	52.2	- 1.1	79	2	21	15	41	6.48	+2.48	1.78	0.0	10	9	9	12	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	6.76	+2.51	2.31	0.0	6	18[a]	4[a]	7[a]	w.	J. R. Huddleston
Pocahontas	Randolph	300	47	47.1	- 3.0	81	2	12	15	47	6.06	+2.55	1.50	0.0	9	16	3	11	n.	Benedictine Sisters
Portland	Ashley	122	34	52.6	- 1.7	79	4	16	15	47	6.93	+3.00	1.63	0.0	8	12	5	13	sw.	W. E. Edmiston
Prescott	Nevada	318	52	53.3	- 0.9	79	2	18	15	41	7.08	+3.45	1.96	0.0	10	12	2	16	n.	Craig Williams
Rogers(near).....†	Benton	1300	50	46.4	- 2.6	78	1	6	15	42	3.27	+0.35	1.05	0.2	10	17	2	11	sw.	Mrs. Carl A. Starck
Rosebud..........†	Faulkner	680	6	......	......	......	......	......	......	......	4.88	......	1.30	0.0	10	12	10	8	sw.	G. A. Maddox
Russellville	Pope	526	28	49.1	- 2.3	79	2	13	15	45	5.87	+1.92	1.71	0.0	10	20	0	10	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	51.2[c]	......	77	2	17[f]	15	41[f]	4.97	......	1.10	0.0	9	11	6	13	n.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	5.12	+1.34	1.37	0.0	10	10	3	17	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	49.1	- 1.9	80	2	14	15	45	7.32	+3.44	3.27	0.0	8	16	1	13	s.	Walter A. Smith
Springbank ......†	Miller	240	31	......	......	......	......	......	......	......	11.51	+7.70	4.86	0.0	12	11	3	16	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	6.94	+2.98	4.66	0.0	5	17	3	10	s.	S. C. Story
Stuttgart	Arkansas	214	53	50.4	- 2.0	78	2	18	15	38	5.70	+1.88	1.65	0.0	11	18	3	9	se.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	5	49.8	......	76	2	17	15	40	4.40	......	1.67	0.0	9	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	43	49.5[a]	- 3.3	80[a]	2	15[a]	15	39[a]	5.28	+2.19	1.65	0.0	10	20[a]	0[a]	9[a]	e.	New Subiaco Abbey
Texarkana	Miller	332	56	54.0	- 1.2	82	2	20	14§	43	9.40	+5.98	2.30	0.0	7	14	4	12	n.	H. S. Brashear
Thornburg (near)	Perry	650	20	48.1	- 2.7	78	2	6	15	50	6.83	+3.23	2.25	0.0	9	14	4	12	n.	Edward E. Holmes

Climatological Data for November, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike†	Pope	2240	16	45.4		72	2	7	15	34	5.80	+1.99	1.56	0.0	10	17	1	12	se.	U. S. Forest Service
Wabash	Phillips	179	1	50.7[d]		78[h]	2	17	15	41[h]	4.97		2.00	0 0	11	11	9	10	n.	Ben Rives
Waldron	Scott	675	21	50.2[b]		80[b]	2	11[b]	15	52[b]	5.45	+2.12	1.85	0.0	7	11[b]	9[b]	8[b]	nw.	Wilson Ferguson
Warren	Bradley	206	46	53 0	− 0.8	78	2	18	15	42	8.73	+4.70	2.42	0.0	11	7	3	20	nw.	C. N. Turner
Whitecliffs	Little River	290	34								6.38	+3.35	2.05	0.0	9	17	1	11		L. M. Snead
White Rock†	Franklin	2285	4	46.0		69	20	9	15	39	5.62		1 75	T.	10	13	6	11	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	48.8	− 1.7	76	2§	10	15	42	2.80	− 1.34	0 65	0 0	7	17	1	12	n.	D. O. Anderson
Wright	Jefferson	234	1	51.4		80	3	18	15	46	4 19		1.69	0.0	6	19	3	8	s	J. S. Martin
Wynne	Cross	167	32	49.8	− 1 0	80	2	11	15	43	4.08	+0.17	1.15	0.0	6	16	5	9	s.	B. M. Eddins
State Means				49.3	− 2.0	82	2§	3	15	53	5.93	+2.14	5.50	T.	9	13	5	12	s.	

Daily Precipitation for November, 1940

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Alum Fork Reser.†	Ouachita.									1.37	07	2.28										.14	.80	2.00	.03	.14	.87				.11		7.81
Arkadelphia [2]	Ouachita..	.70				03				.06	1.70	.61											.89	1.45	.50	.05	.98	.01					6.98
Arkansas City [2]	Mississippi	2.20				T.	.18				1.36	.91											.15	1.15	1.34	.09	.24						7.62
Batesville Airway†	White				T.	.06				.68	1.04	.33										.29	1.16	.58	.03	1.28	.16				T.		5.61
Batesville River [2]	White	.10			T.	.08				.04	.65	1.45											.35	1.09	.19	.04	1.40	T.					5.39
Bee Branch	Arkansas..					.05				.50	.15		.40									40	.70	1.70	T.	.10	1.10				T.		5.10
Benton [2]	Saline	.81				.03				T.	1.22	1.22										T.	.42	1.88	.12	03	.89				T		6.62
Bentonville [1]‡	Arkansas..				T					.44	.09	T.	T.	T.	T.						.31	.81	.65	.03	.02	1.04	13						3.52
Bethesda ***	White.					04				.62	1.18	.20										.30		1.14	.46	1.15	.13				.04		5.26
Big Lake Outlet †[2]	St. Francis	T.				.13					.63	.80										T.	.22	.47	.16	.02	.62						3.05
Black Rock [2]	White	.04				.58					.58	1.58											.17	1.22	.13	.06	1.57	T.					5.93
Blytheville [2]	St Francis					.16					.61	.53											.28	.43	.28	.04	.42						2.75
Booneville	Arkansas..					.01				1.22		1.00										.68	.44	.35		.10	1.01						4.81
Boughton †[2]	Ouachita..	70				T.				T.	1.89	1 08										T	.83	1.78	.58	.05	.72						7.63
Brinkley	White					.18				1.08	.13	.90										.25	.50	.70	.07	.18	.60				T.		4.59
Calico Rock [2]	White					.22			.05		.69	1.70											.30	.94	.68	T.	1.20						5.78
Camden [2]	Ouachita..	1.45				.03					2.32	1.00										31	.27	2.61	.47	.03	.62				T.		9.11
Clarendon [2]	White	.27				.01					1.55	1.02											.32	1.01	.08	07	.62				.01		4.96
Clinton	White				.21	T.				.44	.10	1.89										.40	.68	1.82		.19	1.01						6 74
Clover Bend	White					.07				.59		1.58										.32	.06	.97	.13	.12	1.50				T		5.34
Conway	Arkansas..									85	07	1.70										.31	1.02	1.24	.07	.21	1.24				.04		6.75
Corning [2]	White					.75				.15	40	1.33											.49	1.03	.28		.92						5.35
Cotter [2]	White	.10				T.				T.	.66	.98										.20		.67	.30	.05	.98						3.94
Crossett [near]	Ouachita..	.24				.75				.76	.72	.97											.31	3.13	.42	.05	.17				.07		7.59
Danville [2]	Arkansas..									.06	.87	1.26										.56	.02	2.24	.12	.16	1.06						6.35
Dardanelle [2]	Arkansas..	.40				T				.07	.74	.82										.47		2.15	.05	.07	.94						5.71
De Queen	Red									1 73	.01	.92										.48	1.23	4.23		.48	.41						9.49
Des Arc [2]	White.	.11				.01				T.	.94	1.11											.36	2.21	.21	T.	1.02				T		5.97
Devils Knob †	Arkansas..					.16				1.03	.06	.60										.42	.60	.64	.13	.23	1.54						5.41
Dumas	Mississippi					T.				1.59	55	.85										.15		1.98	.08	.10	.48				.15		5.93
El Dorado [2]	Ouachita..	.97				43	.46			T.	2.00	.90										T	.42	2.82	1.17	.05	.35				.03		9.60
England	Arkansas..									1.10	.50	.90										.60	1.10	.80	05	.10	.80						5.95
Eureka Springs	White					.03				.60		.43		.02							.05	.70	.20	.10	.10	.20	1.05						3.48
Fayetteville	White					T.				.69	T	.35		.02	T						T	.87	.07	.01	T	.02	1.35						3.38
Fayetteville Exp. S	White.					.02				.61	T.	.27		.02	T.						T	.84	.14	.01	.02	.03	1.28						3.24
Fort Smith [1]‡	Arkansas..				.01	T.			T.	1.38	.57	.02									T.	.72	49	.03	T	1.30	.12						4.64
Fort Smith W. †[2]	Arkansas					.04			.19	1.06	T.	.67									.84		.24	T.	T.	1.43							4 47
Fulton [2]	Red	.85				.05				.02	2.10	.35										.30	.57	1.57	.95	.03	.68				T.		7.47
Georgetown	White	.10				.24					.85	1.70											.63	2.86	.10		1.30						7.78
Gilbert [2]	White					.15				.25	.73	1.42										.22	.02	.94	.23		1.05						5.01
Glenwood [2]	Ouachita..	1.02								.12	1.50	1.67										.41	.27	5.50	.08	.16	1.02				.08		11.83
Grannis	Red				T	.03				1.94	.07	1.92									T.	.37	1.77	2.16	.02	.56	.53				T		9.37
Gravette [2]	Arkansas..	.13									.41			T.								1.71			1.36	.05	1.12						4.78
Green Mountain†	White.				T.	.21				.55	.15	1.60										.38	.05	1.55	.42	.10	.95						5.96
Harrison	White					.07				.63		.64										.12	.08	.29	.08	.08	1.00						2.99
Heber Springs [2]	White.	.27				.05				.03	.56	1.25											.41	1.36	.13	.03	1.21						5.30
Helena [2]	Mississippi	.13				.15	.05				1.52	2.20											.54	.28	.53	.18	.59						6.17
Higden	White					.13				.58	.02	1.32										.04	.80	1.26	T	.19	1.03						5.37
Highland	Ouachita..									1.95		.39										.39	.30	2.88	.85	.41	.44				.04		7.65
Hope ‡‡[2]	Red	.66				.08				.06	2.29	.80										.29	.58	2.03	.80	.02	.74						8.35
Hot Springs	Ouachita..									1.39	.05	1.91										.16	1.20	2.07		.13	.85	T.			.08		7.84
Index †[2]	Red	.60				.10					.95	.70										.20	.30	2.00	1.20	.10	.60						6.75
Irons Fork †‡‡[2]	Ouachita..	.02				.02				.50	.80	1.45										.39	.33	1 54	.06	.10	1.14				.02		6.37
Jessieville	Ouachita..					T.				.98	T.	1.50										.29	.39	3.67	.12	.20	.90				.23		8.28
Jonesboro [2]	White	T.				.04					.70	2.35											.23	.77	.20	.01	.80	.01					5.11
Lead Hill	White					.02				.56		.58		T.							T.	.14	.03	52	.05	.04	.91						2.85
Little Rock [1]‡	Arkansas..				T.	.01				.85	1.47	.41										.37	1.01	.47	.01	.93	.01				.01		5.55
LittleRock Air'y [1]‡	Arkansas..				T.	T				.92	1.16	.06										.39	1.12	.43	.02	1.18	T.				.03		5.31
Lutherville†	Arkansas..					.20				1.35		1.85										.67		1.59		.31	1.53						7.50
Madison [2]	St. Francis					.37					1.10	.75											.18	.70	.10		.70						3.90
Magnolia	Red									1.91	1.85											.21		3.60	.21	.15		.42			.06		8.41
Mammoth Spg [2]	White					.30					.40	1.50											.43	1.17	.23	1.22							5.25
Marianna	St. Francis	.05				.11				.80	.30	.67										.15	.15	.42	.10	.10	.46				.05		3.36
Marked Tree [2]	St. Francis					.03					.61	.71											.47	.68	.22	.03	.70	T.					3 45
Mena [2]	Ouachita..	.04				T.				.42	.99	1.25										.48	.28	1.34	.05	.09	1.24	.02			.01		6.21
Monticello Air ‡	Ouachita.				.01	.25				1.57	.44	.37									T	.25	.13	2.92	.18	.48	.01				.42		7.03
Morrilton [2]	Arkansas..	.37								.06	.85	1.81										.40	.10	2.98	.05	T.	1.10						7.72
Mountainburg	Arkansas..					.08				1.27	.03	.65									T	.82	.12	.21	T.	.10	1.40						4.68
Mountain Home	White				T					.60												.25	.05	1.15	.10	.08	.95						3.18
Mountain Valley	Ouachita..					T				1.36	T	2.00									T.	.08	.81	2.79	.08	.12	1.08				.24		8.56
Mount Ida	Ouachita..				.02					1.53												.53	1.10	2.24	.11	.27	1.05				.08		6.93
Mount Ida CCC	Ouachita..					.01				1.25	.02	1.27										.51	1.55	4.61	.08	.18	.97				.05		10.50
Mulberry †[2]	Arkansas..	.12				.10				.70	1 32	.06										.69	.23	.53	.07		1.63						5.45
Nashville	Red						.03			1.89	.02	.27										.36	.32	2.98	.02	.25	.42				.02		6.58
Newport [2]	White.	.08				.09					.73	2.81										.01	.25	1.38	.20	.03	1.53						7.11
Oden	Ouachita.									1.03	1.01											.43	.64	2.09	.05	.10	.88						6.23
Okay	Red	.05				.06				1.90	.03	.10										.33	.03	2.70	.03	.11	.60				.01		5.95
Osceola [2]	Mississippi	.12				.15					.58	.60											.44	.40	.25	T.	.35						2.89
Ozark [2]	Arkansas..	.36				.10				.31	.81	.58	T.									.48	T	.94	.12	.01	1.30	T					5.01

Daily Precipitation for November, 1940 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Paragould	St. Francis	T.	....	....	....	.11	....	....	....	.27	.31	2.40	....	....	....	....	....	....	....	....	....	.20	.01	.70	.27	.14	.60	....	....	....	....	5.01
Parkin[2]	St. Francis	....	....	....	....	.09	....	....	....	....	.78	.67	....	....	....	....	....	....	....	....	....	....	.37	1.00	.10	....	.35	....	....	....	....	3.36
Pine Bluff[2]	Arkansas	46	....	....	....	.04	T	....	....	T.	1.78	1.72	....	....	....	....	....	....	....	....	....	.01	.33	1.07	.26	.03	.78	T.	....	....	T.	6.48
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	....	....	.65	....	1.97	....	....	....	....	....	....	....	....	....	.52	....	2.31	....	.87	.44	....	....	....	....	6.76
Pocahontas	White	....	....	....	....	70	....	....	....	.31	.22	1.50	....	....	....	....	....	....	....	....	....	.48	.05	1.41	.09	....	1.30	....	....	....	....	6.06
Portland[2]	Ouachita	....	....	....	....	....	.32	....	....	....	1.57	1.63	....	....	....	....	....	....	....	....	....	....	36	1.56	1.30	.07	.12	....	....	....	....	6.93
Prescott[2]	Ouachita	....	....	....	....	.04	....	....	....	.07	1.24	1.61	....	....	....	....	....	....	....	....	....	.11	.61	1.96	.62	.02	.80	....	....	....	....	7.08
Rogers (near)†	White	....	....	....	....	....	....	....	....	.58	.01	.23	....	.02	....	....	....	....	....	....	....	.64	.54	.09	.06	.05	1.05	....	....	....	....	3.27
Rosebud†	Arkansas	....	....	....	....	T.	....	....	....	.56	.15	1.30	....	....	....	....	....	....	....	....	....	.35	.50	.74	.07	.17	1.07	....	....	....	.07	4.98
Russellville ‡‡	Arkansas	....	....	....	....	T.	....	....	....	.83	.08	1.30	.02	....	....	....	....	....	....	....	T.	.53	.37	1.71	.02	.11	.90	....	....	....	....	5.87
St. Charles[2]	White	.29	....	....	....	.01	....	....	....	T.	1.70	.91	....	....	....	....	....	....	....	....	....	....	.34	.76	.25	.10	.61	....	....	....	....	4.97
St. Francis[2]	St. Francis	.14	....	....	....	.73	....	....	....	....	.33	1.37	....	....	....	....	....	....	....	....	....	....	.35	1.18	.30	.03	.66	.03	....	....	....	5.12
Searcy[2]	White	.15	....	....	....	.02	....	....	....	T	.71	3.27	....	....	....	....	....	....	....	....	....	....	.58	1.31	.19	....	1.09	....	....	....	....	7.32
Spring Bank†[2]	Red	1.10	....	....	....	T.	.22	....	....	.04	2.45	.75	....	....	....	....	....	....	....	....	....	.05	.45	4.86	.96	.03	.55	....	....	....	.05	11.51
Story[2]	Ouachita	....	....	....	....	....	....	....	....	.20	1.05	....	....	....	....	....	....	....	....	....	....	....	4.66	.04	....	.99	....	....	....	....	....	6.94
Stuttgart[2]	Arkansas	.51	....	....	....	.06	....	....	....	....	1.65	1.16	....	....	....	....	....	....	....	....	....	....	.30	.87	.25	.16	.68	.04	....	....	.02	5.70
Stuttgart ‡‡[2]	Arkansas	.37	....	....	....	.06	....	....	....	T.	1.67	.75	....	....	....	....	....	....	....	....	....	....	.11	.63	.19	.11	.51	....	....	....	....	4.40
Subiaco	Arkansas	....	....	....	....	.01	....	....	....	1.18	.01	1.65	....	....	....	....	....	....	....	....	....	.55	.32	.49	.05	.02	1.00	....	....	....	....	5.28
Texarkana[2]	Red	2.00	....	....	....	....	....	....	....	....	2.30	.60	....	....	....	....	....	....	....	....	....	....	.80	1.95	1.20	....	.55	....	....	....	....	9.40
Thornburg	Arkansas	....	....	....	T.	....	....	....	....	.73	.02	.70	....	....	....	....	....	....	....	....	....	.23	1.75	2.25	.04	.11	1.00	....	....	....	....	6.83
Turnpike†	Arkansas	....	....	....	....	12	....	....	....	.77	08	1.56	....	....	....	....	....	....	....	....	....	.40	.20	.95	.17	.14	1.41	....	....	....	....	5.80
Wabash	Mississippi	.01	....	....	....	.01	....	....	....	1.30	.04	2.00	....	....	....	....	....	....	....	....	....	....	.45	.60	.10	.10	.35	....	....	....	.01	4.97
Waldron	Arkansas	....	....	....	....	....	....	....	....	1.00	....	1.85	....	....	....	....	....	....	....	....	....	.80	.60	.20	....	.90	.10	....	....	....	....	5.45
Warren	Ouachita	....	....	....	....	.20	....	....	....	1.60	.50	2.20	....	....	....	....	....	....	....	....	....	.55	.15	2.42	.51	.05	.45	....	....	....	.10	8.73
Whitecliffs[2]	Red	....	....	....	....	.12	....	....	....	.37	1.82	.10	....	....	....	....	....	....	....	....	....	.47	.10	2.05	.70	....	.65	....	....	....	....	6.38
White Rock†	Arkansas	....	....	....	....	.22	....	....	....	1.04	.06	.78	....	....	....	....	....	....	....	....	....	.74	.33	.32	.20	.18	1.75	....	....	....	....	5.62
Wilson[2]	Mississippi	....	....	....	....	.15	....	....	....	....	.55	.65	....	....	....	....	....	....	....	....	....	....	.45	.55	.10	....	.35	....	....	....	....	2.80
Wright	Arkansas	....	....	....	....	....	....	....	....	1.12	.09	....	....	....	....	....	....	....	....	....	....	.43	T.	1.69	.10	T.	.76	....	....	....	....	4.19
Wynne[2]	St. Francis	....	....	....	....	....	....	....	....	....	.73	.70	....	....	....	....	....	....	....	....	....	....	.78	1.15	.30	.42	....	....	....	....	....	4.08

Daily Temperatures for November, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	72	76	78	72	76	60	63	62	59	56	65	49	41	40	39	60	71	71	67	71	70	62	65	60	43	47	48	52	60	61	60.5
	Minimum	54	45	40	52	58	38	35	36	42	44	35	32	24	20	14	20	33	34	45	50	54	50	59	47	39	39	36	27	31	43	39.2
Arkadelphia §§	Maximum	74	78	75	77	72	62	62	65	51	70	55	54	46	46	41	61	71	74	75	76	71	68	63	55	49	47	53	56	60	64	62.4
	Minimum	52	38	39	46	52	41	40	40	40	45	42	30	29	20	17	20	22	33	39	51	54	55	62	54	44	44	42	30	31	31	39.4
Batesville ***	Maximum	72	81	80	71	66	58	63	63	49	66	60	47	40	38	38	57	69	71	70	72	70	64	64	50	44	48	48	54	63	60	59.9
	Minimum	43	38	38	49	42	35	30	31	36	49	32	27	22	16	13	19	29	29	42	53	51	51	60	43	39	36	31	24	36	45	36.3
Bee Branch	Maximum	70	76	77	69	66	61	64	61	58	56	64	48	41	38	36	57	69	69	69	71	69	68	64	61	47	45	48	50	60	63	59.8
	Minimum	53	39	39	46	50	36	51	52	38	44	35	26	23	12	10	16	29	31	45	51	56	48	60	46	39	40	35	24	30	39	38.1
Benton §§	Maximum	74	78	76	75	72	61	64	62	52	69	54	52	42	42	41	59	70	73	72	69	69	67	64	52	49	47	53	55	61	61	61.2
	Minimum	40	34	33	40	48	34	31	31	33	44	44	24	25	14	14	15	20	27	28	43	48	49	58	51	42	42	39	25	31	31	34.6
Bentonville ***	Maximum	68	76	71	69	63	65	61	65	49	72	55	32	30	29	35	55	67	68	64	66	63	58	58	45	44	45	44	52	63	65	56.6
	Minimum	43	47	44	55	36	30	30	38	43	47	23	20	9	15	8	24	28	42	53	55	45	41	45	41	39	36	29	27	36	36	35.5
Blytheville	Maximum	72	80	80	77	67	60	59	60	55	64	66	48	44	36	36	51	62	69	74	70	67	70	66	62	45	57	48	50	61	57	60.4
	Minimum	45	40	39	47	46	33	30	29	40	48	38	27	25	16	13	18	28	30	42	51	58	61	61	44	40	40	27	23	33	45	37.2
Booneville	Maximum	73	81	77	71	70	60	65	67	59	65	58	45	43	38	42	62	71	74	78	73	74	68	65	63	49	40	50	56	66	76	62.6
	Minimum	47	37	36	50	52	36	33	37	43	44	29	23	20	12	11	17	24	35	49	57	50	42	59	49	40	37	34	23	29	42	56.6
Brinkley	Maximum	73	80	77	75	72	60	64	62	50	61	70	52	45	39	38	55	70	73	71	69	66	70	71	65	47	46	39	41	50	48	60.0
	Minimum	52	37	37	44	48	37	35	30	38	47	41	37	26	28	13	18	26	28	46	50	55	55	60	47	41	33	30	25	35	45	38.1
Camden	Maximum	78	78	82	78	74	69	65	66	63	60	73	57	52	44	43	63	72	74	74	74	71	70	70	64	54	53	55	57	66	67	65.5
	Minimum	40	39	38	46	59	41	38	38	45	45	41	28	27	20	17	20	26	29	39	52	52	55	59	50	43	44	41	31	32	49	39.5
Clover Bend	Maximum	73	81	79	74	67	59	64	63	48	58	67	47	42	38	37	53	67	70	71	70	66	64	64	62	48	49	48	53	62	61	60.2
	Minimum	39	33	32	40	51	27	25	25	31	42	38	23	22	15	11	16	22	24	35	48	54	53	58	43	36	39	35	20	30	41	33.6
Conway	Maximum	71	77	77	73	70	60	64	60	52	59	66	50	45	41	35	62	67	71	69	74	72	67	66	61	50	48	52	57	63	64	61.4
	Minimum	52	39	39	48	57	35	34	32	41	47	36	26	23	15	13	19	27	30	44	52	55	53	61	49	41	42	39	25	30	44	38.3
Corning	Maximum	73	80	80	74	66	54	64	62	46	66	66	46	41	37	36	54	68	68	68	70	64	64	64	62	46	50	46	50	63	60	59.6
	Minimum	42	36	37	44	53	33	27	27	34	44	34	25	23	14	12	19	25	27	46	48	54	56	60	45	37	40	36	22	36	43	36.0
Crossett	Maximum	74	78	79	78	71	65	63	64	54	73	70	57	51	44	41	60	73	75	74	75	70	74	70	65	55	62	54	56	67	62	65.1
	Minimum	54	38	36	42	64	43	39	39	44	48	40	29	29	21	14	17	27	32	40	50	54	59	58	53	47	44	41	27	29	45	40.1
Dardanelle	Maximum	75	80	75	70	70	61	63	63	55	58	62	48	44	40	40	59	68	75	71	71	70	65	65	63	51	46	50	56	62	70	61.5
	Minimum	52	40	39	47	59	36	35	35	45	46	32	26	25	16	14	20	27	33	45	54	57	47	61	50	42	42	38	27	30	43	38.8
De Queen	Maximum	74	78	74	74	70	60	67	64	57	55	61	57	47	44	43	62	73	74	75	77	73	71	65	62	54	45	55	56	61	69	63.2
	Minimum	50	39	40	45	59	39	40	40	45	47	35	28	27	17	18	20	27	40	49	59	55	49	60	54	45	41	33	29	30	44	40.1
Devils Knob	Maximum	64	69	65	60	60	53	59	56	47	52	55	39	31	28	32	53	67	63	60	63	60	57	58	58	40	40	40	47	59	64	53.3
	Minimum	44	51	52	50	45	32	40	39	38	38	24	22	14	13	8	20	39	45	48	52	48	51	56	40	38	31	26	29	37	45	37.2
Dumas	Maximum	74	80	76	77	75	61	67	63	50	64	70	55	45	41	40	62	72	76	74	71	71	72	68	65	52	63	66	52	66	61	64.3
	Minimum	55	40	40	45	58	38	36	36	42	46	42	30	28	20	15	20	28	31	43	51	45	60	59	49	46	44	45	29	34	50	40.2
El Dorado	Maximum	74	79	78	79	73	66	62	64	60	73	72	63	50	42	41	63	72	75	73	75	70	71	69	63	57	53	52	60	67	63	65.3
	Minimum	58	45	48	52	66	44	42	45	48	47	44	31	29	22	20	25	34	35	48	57	58	62	60	56	46	45	39	33	34	56	44.3
England	Maximum	70	78	77	76	77	67	67	61	58	60	67	58	41	40	35	59	69	73	73	74	70	68	65	62	52	53	50	55	62	60	62.6
	Minimum	51	48	38	44	54	35	33	32	40	45	42	26	25	19	16	20	27	30	40	50	54	49	60	46	40	42	40	27	34	45	38.7
Eureka Springs	Maximum	71	78	73	72	65	54	64	67	55	74	66	34	34	33	38	59	69	72	69	70	66	62	59	47	44	42	47	53	67	68	59.1
	Minimum	45	54	48	55	44	30	31	35	41	44	23	20	10	10	7	25	34	43	52	55	47	43	46	39	37	33	29	26	41	48	36.5
Fayetteville	Maximum	65	73	70	69	66	55	58	63	55	70	62	34	28	28	33	53	66	69	65	69	64	64	61	50	48	44	44	52	62	67	56.9
	Minimum	44	46	45	54	44	34	31	34	41	45	23	22	12	12	9	25	26	42	53	58	46	38	49	40	40	33	29	26	38	48	36.2
Fayetteville Exp. S	Maximum	68	74	72	70	65	58	60	65	55	71	60	35	30	28	35	56	68	67	64	68	64	64	60	50	48	44	44	51	62	67	57.4
	Minimum	42	44	46	54	45	32	31	33	42	45	24	23	11	12	9	24	26	37	54	58	46	39	50	41	41	35	30	28	38	38	35.9
Fort Smith***	Maximum	72	77	75	73	66	55	62	64	51	58	55	44	37	34	38	59	68	73	69	73	68	62	65	53	49	44	49	56	62	72	59.4
	Minimum	50	44	44	52	46	40	40	44	45	46	28	28	21	19	18	25	32	42	52	58	45	48	52	49	43	39	35	30	36	46	39.9
Gilbert§§	Maximum	70	73	76	70	64	58	64	65	58	62	45	43	37	37	38	66	69	70	66	74	73	63	64	52	46	45	45	55	63	70	59.4
	Minimum	34	27	27	34	51	25	21	22	40	40	33	16	15	5	3	23	16	21	49	48	61	31	37	41	37	35	30	15	22	36	29.8
Grannis	Maximum	73	77	73	70	67	59	65	65	55	54	63	58	47	41	44	59	74	70	78	74	73	78	64	61	57	46	53	54	60	67	62.6
	Minimum	48	41	39	46	51	36	36	39	40	43	30	28	22	17	13	19	35	41	47	53	51	48	51	51	41	37	30	26	28	45	37.7
Gravette§§	Maximum	67	76	70	70	57	57	60	65	48	76	36	29	29	29	39	56	69	70	65	61	62	60	59	47	45	39	44	54	63	67	55.5
	Minimum	42	42	43	48	42	31	30	30	35	42	22	21	7	7	5	7	23	25	41	52	44	40	44	39	39	35	29	24	30	35	31.8
Green Mountain	Maximum	66	73	70	66	64	53	58	58	53	56	58	37	35	29	33	60	65	66	64	69	70	63	60	45	43	46	44	48	60	61	55.8
	Minimum	45	45	47	55	53	33	33	36	40	42	35	22	20	15	11	26	36	41	52	57	56	55	43	42	35	36	32	27	37	47	38.5
Harrison	Maximum	65	75	73	68	65	53	56	59	54	63	57	35	30	30	33	57	63	66	64	72	68	57	62	54	43	43	44	51	63	68	56.4
	Minimum	49	40	37	53	47	29	27	29	43	44	28	22	16	10	9	19	29	29	50	56	45	36	53	42	38	35	30	21	37	46	35.0
Helena	Maximum	71	78	75	77	74	61	59	62	50	69	68	51	46	37	33	52	67	72	72	66	67	67	67	64	49	59	45	53	62	60	61.1
	Minimum	52	41	42	51	58	37	33	35	42	44	43	30	26	18	12	19	30	39	46	51	57	61	58	46	40	43	37	27	35	47	40.0
Highland	Maximum	78	79	72	75	70	60	65	63	55	57	70	54	51	42	40	61	72	72	73	72	74	67	69	63	52	47	53	54	61	64	62.8
	Minimum	49	52	44	49	54	37	37	39	41	43	33	26	23	17	15	21	37	39	45	54	55	48	56	45	39	37	30	28	31	46	39.0
Hope §§ ‡‡	Maximum	74	79	74	78	70	60	63	64	49	71	54	55	44	44	42	64	73	74	74	71	73	70	62	60	49	45	54	54	65	66	62.5
	Minimum	53	40	40	46	53	43	40	41	42	45	38	28	27	19	16	17	27	35	35	49	58	53	59	59	44	43	35	30	31	32	39.3
Hot Springs	Maximum	70	76	73	72	70	59	62	62	54	55	66	50	42	38	37	58	68	70	69	66	67	66	65	60	49	47	50	53	57	62	59.8
	Minimum	51	43	43	50	55	39	36	36	44	45	35	28	25	16	15	23	32	37	45	54	53	51	56	48	41	41	38	29	35	45	39.6

Daily Temperatures for November, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Irons Fork §§‡‡	Maximum	69	76	71	67	60	61	63	63	49	61	45	49	36	37	41	60	72	70	65	69	71	63	61	50	45	39	47	51	59	66		57.9
	Minimum	57	35	35	55	53	32	30	33	40	40	27	22	19	9	6	14	26	35	46	53	52	38	56	48	41	35	32	20	25	29		34.4
Jonesboro	Maximum	72	78	77	74	67	57	59	61	48	60	66	46	40	35	36	52	67	70	71	70	65	66	64	62	47	52	46	53	62	59		59.4
	Minimum	51	41	44	44	55	34	30	32	37	43	39	27	23	16	13	20	33	32	43	47	51	57	59	44	37	39	34	23	35	42		37.5
Lead Hill	Maximum	71	81	77	66	67	55	44	63	51	58	63	39	35	35	32	61	69	62	64	64	70	58	63	54	46	45	38	47	63	60		56.7
	Minimum	50	32	32	44	48	26	24	24	38	44	27	19	16	7	4	14	20	25	36	53	54	31	52	43	39	36	32	18	25	36		31.6
Little Rock ***	Maximum	71	75	73	73	68	56	60	59	51	66	69	47	39	37	36	58	64	70	70	70	67	66	65	60	46	48	48	53	60	61		59.5
	Minimum	56	48	49	55	49	41	40	42	45	47	37	31	26	22	20	23	38	41	47	54	58	60	60	46	41	41	36	52	37	54		42.5
Little Rock *** [Airway]	Maximum	73	77	74	74	70	57	61	61	49	68	70	50	41	39	37	59	65	71	72	70	68	66	65	61	48	49	50	54	60	61		60.7
	Minimum	46	41	40	47	48	40	39	37	44	49	34	30	24	20	18	19	27	30	42	51	53	60	60	46	41	42	34	29	36	53		39.3
Lutherville	Maximum	73	77	73	65	68	57	66	61	53	54	56	39	38	38	32	55	68	69	69	69	67	61	62	63	47	40	49	54	62	72		58.6
	Minimum	50	44	45	49	54	35	35	38	42	43	29	25	20	15	12	19	34	40	50	54	52	48	49	47	42	38	34	25	33	43		38.1
Magnolia	Maximum	74	80	80	78	72	65	65	67	57	71	59	60	51	41	42	66	75	75	75	75	76	70	70	65	57	52	55	56	67	67		65.4
	Minimum	54	42	43	50	64	44	43	41	46	40	40	31	29	20	18	25	32	38	50	58	59	59	60	52	45	42	38	31	36	55		42.8
Mammoth Spring	Maximum	69	81	77	71	65	62	58	..	59	60	58	42	39	32	35	57	68	68	70	72	72	64	63	61	47	46	48	51	65	63		59.4
	Minimum	33	32	33	45	53	27	25	..	45	48	34	22	20	11	9	15	21	26	39	43	52	49	58	45	38	38	34	18	28	40		33.8
Marianna	Maximum	70	76	75	75	74	58	58	59	50	..	70	50	44	35	33	52	64	70	70	69	69	68	68	65	49	63	49	52	62	59		60.6
	Minimum	56	40	39	47	57	38	34	32	36	..	44	30	27	18	16	18	28	28	49	50	57	63	61	47	42	44	39	27	35	50		39.7
Marked Tree §§	Maximum	71	78	77	75	69	57	59	61	53	68	54	50	39	33	34	53	67	70	70	69	64	69	63	48	60	50	46	51	66	58		59.4
	Minimum	52	37	38	44	51	34	30	28	33	41	50	27	23	16	12	15	24	27	32	44	49	58	59	44	39	39	34	22	26	36		35.5
Mena	Maximum	70	78	72	69	67	61	62	66	50	64	55	51	39	38	42	60	74	72	68	73	72	61	61	60	47	45	47	54	65	68		60.4
	Minimum	50	42	55	50	55	38	36	37	42	45	30	24	22	17	13	26	35	40	54	57	53	48	58	47	41	37	33	27	35	45		39.7
Monticello ***	Maximum	73	78	74	75	72	63	61	63	53	70	70	57	44	40	39	58	71	74	73	72	71	71	66	64	52	53	53	56	65	63		63.1
	Minimum	49	44	48	51	50	43	41	41	46	52	38	32	27	22	19	23	32	43	48	56	60	62	58	46	45	42	34	32	35	54		42.4
Morrilton §§	Maximum	74	80	75	71	66	58	64	62	55	61	46	49	40	39	39	63	67	73	71	75	74	61	63	51	48	45	50	55	60	70		60.2
	Minimum	51	36	36	45	55	33	32	30	32	43	34	25	23	16	15	17	24	27	29	44	51	45	53	44	40	40	38	26	27	31		34.7
Mountain Home	Maximum	71	82	79	70	66	50	64	62	54	56	59	42	37	34	37	62	71	71	67	74	72	70	65	55	44	41	47	54	65	68		59.6
	Minimum	52	35	38	45	47	27	26	28	38	42	29	21	17	11	10	16	28	30	41	53	40	45	42	40	35	34	32	21	30	38		33.0
Mt. Ida	Maximum	74	79	76	78	72	64	68	65	50	62	61	54	45	42	44	64	74	73	69	72	75	64	65	62	50	48	52	56	62	68		62.9
	Minimum	46	31	30	32	47	29	29	30	42	44	35	20	22	10	8	14	21	25	52	52	55	51	58	48	42	40	38	22	27	40		34.7
Nashville	Maximum	72	77	73	73	69	61	65	64	58	56	70	54	48	43	41	61	72	69	74	73	71	69	67	62	52	51	59	55	63	65		62.9
	Minimum	50	41	42	47	57	43	42	41	44	46	37	30	27	18	18	22	29	54	44	43	51	51	59	50	44	41	34	31	32	45		40.1
Newport	Maximum	74	79	77	72	69	60	62	62	56	59	67	48	43	37	37	54	66	71	77	70	66	64	65	62	49	50	48	53	63	69		61.0
	Minimum	51	37	37	44	57	35	30	30	35	44	40	27	24	18	14	19	24	27	47	52	54	57	60	47	40	41	38	24	35	45		37.8
Oden ***	Maximum	70	76	73	70	69	61	66	64	48	58	48	54	41	39	43	64	72	73	68	72	74	63	63	60	47	46	48	54	60	70		60.5
	Minimum	45	36	35	53	41	35	34	35	44	47	81	25	25	16	11	18	30	43	53	57	46	44	58	47	42	39	32	25	33	43		37.4
Okay	Maximum	76	78	77	75	72	65	64	64	62	60	60	55	54	46	45	65	74	74	75	76	73	70	68	64	54	48	57	56	65	66		64.6
	Minimum	50	37	39	45	64	41	41	42	44	47	37	26	27	16	15	19	26	36	51	58	57	49	60	52	45	42	37	30	31	52		40.5
Ozark	Maximum	74	78	74	70	68	58	64	64	56	56	57	47	40	37	37	38	66	70	69	69	69	62	65	65	57	47	49	55	61	74		59.9
	Minimum	47	39	34	46	52	33	33	34	44	41	29	23	20	13	12	17	26	38	44	57	49	41	58	49	42	37	34	23	27	42		36.2
Paragould	Maximum	70	74	75	72	68	59	56	56	52	60	65	48	42	33	32	49	61	68	68	67	64	67	66	63	48	52	44	48	58	58		58.1
	Minimum	52	38	37	40	57	35	30	27	30	43	42	27	23	16	14	18	26	27	35	48	50	57	60	45	38	41	35	22	35	44		36.4
Pine Bluff	Maximum	72	79	78	75	74	60	62	67	51	59	59	52	43	42	40	61	69	76	76	74	70	69	66	63	50	55	54	52	61	62		62.4
	Minimum	55	44	44	47	57	41	39	40	44	46	45	32	28	23	21	24	31	35	43	56	56	63	48	48	43	43	41	31	39	51		41.9
Pocahontas	Maximum	72	81	77	72	69	59	62	60	57	58	66	45	41	36	36	53	67	67	69	70	65	64	63	63	48	49	46	50	60	58		59.4
	Minimum	50	34	35	43	54	33	30	30	34	43	38	24	22	14	12	16	22	29	38	44	48	52	57	43	35	40	34	20	30	39		34.8
Portland	Maximum	73	77	76	79	72	65	63	62	55	73	70	55	49	41	40	59	71	76	75	74	70	74	70	65	55	64	54	57	68	64		64.9
	Minimum	55	39	38	44	62	39	38	37	43	45	54	29	28	20	16	17	28	29	39	49	54	60	56	60	45	43	39	29	29	46		40.3
Prescott	Maximum	74	79	74	78	72	65	63	65	70	68	62	56	51	45	43	63	72	74	75	72	72	71	67	62	51	49	55	56	65	66		64.5
	Minimum	53	42	43	47	63	42	42	42	47	44	39	29	28	20	18	23	31	36	47	57	58	56	60	51	44	44	39	35	31	51		42.1
Rogers	Maximum	78	75	71	71	67	55	60	65	59	71	66	35	35	35	39	56	65	70	65	70	64	61	59	49	43	43	45	52	64	66		58.4
	Minimum	44	36	36	53	45	30	28	30	42	45	24	21	11	9	6	21	23	48	53	58	46	34	49	40	39	34	30	23	32	46		34.5
Russellville ‡‡	Maximum	75	79	75	69	72	67	66	62	60	57	61	48	44	41	39	59	69	73	70	70	72	63	65	64	50	47	51	55	63	73		62.0
	Minimum	51	38	36	43	57	33	33	30	42	45	32	25	24	15	13	17	24	28	40	49	54	41	59	48	41	41	37	25	27	39		36.2
St. Charles §§	Maximum	72	77	75	75	75	60	60	61	56	70	59	52	43	38	35	56	63	73	71	71	68	69	64	51	62	52	50	54	61	61		61.1
	Minimum	54	39	39	44	52	34	35	41	..	..	..	..	..	..	17	20	28	31	44	52	55	62	60	50	42	43	40	29	37	44		41.3
Searcy	Maximum	74	80	76	73	68	61	62	64	53	58	67	48	44	37	40	58	70	74	72	73	67	65	64	61	47	48	51	54	65	60		61.1
	Minimum	50	38	37	42	59	37	33	31	38	45	36	29	25	16	14	20	26	29	38	40	57	55	60	45	40	40	38	25	29	42		37.1
Stuttgart	Maximum	71	78	75	76	70	59	59	60	52	60	68	50	44	36	35	57	65	72	71	71	70	68	65	63	50	58	51	55	61	60		61.0
	Minimum	53	41	42	44	57	38	36	34	39	46	42	39	26	20	18	21	28	34	36	50	52	61	58	49	41	42	39	28	33	44		39.7
Stuttgart ‡‡§§	Maximum	72	76	74	74	73	60	60	61	54	69	51	51	42	37	35	56	66	72	73	71	69	68	63	52	60	50	50	53	60	60		60.4
	Minimum	53	41	41	44	47	38	36	34	35	44	49	30	27	20	17	21	27	32	43	44	54	59	61	51	42	42	39	28	33	46		39.3
Subiaco	Maximum	71	80	78	70	70	60	65	65	57	63	61	48	43	35	37	55	71	72	70	..	71	63	64	63	50	47	48	58	64	75		61.2
	Minimum	49	41	42	52	54	38	35	36	43	43	29	26	23	18	15	19	32	37	47	..	51	43	58	48	41	39	35	27	31	43		37.8
Texarkana	Maximum	75	82	75	76	71	62	65	67	55	63	70	60	48	47	45	69	76	78	76	76	73	70	69	60	58	50	55	58	58	66		65.1
	Minimum	52	43	46	50	55	45	45	45	45	48	38	32	27	20	20	27	33	40	51	59	56	57	60	53	47	43	37	33	36	47		43.0
Thornburg	Maximum	73	78	74	71	69	59	63	64	60	57	47	50	41	38	39	64	71	72	68	74	74	74	65	60	48	47	48	53	62	67		61.0
	Minimum	51	32	31	55	53	29	28	27	36	46	35	20	22	8	6	14	23	26	37	54	54	58	59	45	40	40	37	21	27	43		35.2
Turnpike	Maximum	66	72	68	62	62	54	59	58	48	53	56	37	31	32	33	53	68	65	64	64	62	58	60	59	41	42	42	47	61	63		54.7
	Minimum	44	52	50	50	46	30	37	36	35	36	24	20	12	12	7	19	40	44	48	52	47	49	53	39	36	29	25	30	37	44		36.1
Waldron	Maximum	72	80	77	71	71	68	..	67	65	65	48	50	46	40	42	69	74	73	70	74	..	71	72	70	62	60	60	57	65	75		64.9
	Minimum	46	35	34	45	52	32	..	32	45	45	29	22	20	12	11	17	23	29	52	56	..	40	56	49	41	38	35	23	28	43		35.4
Warren	Maximum	73	78	76	75	74	64	63	65	55	63	71	56	50	42	41	60	74	75	75	71	70	71	69	64	52	60	54	55	68	62		64.2
	Minimum	55	40	40	46	61	41	39	37	45	44	45	29	28	20	18	31	38	33	42	54	53	62	58	49	44	44	40	30	35	50		41.7
White Rock	Maximum	65	65	67	63	61	50	60	55	48	58	54	39	30	29	33	61	64	64	61	69	59	57	58	55	45	44	42	49	56	65		54.2
	Minimum	44	52	52	50	44	36	41	41	38	39	21	25	13	15	9	22	43	47	49	53	45	52	55	43	41	31	26	30	36	45		37.9
Wilson	Maximum	75	76	76	76	70	60	59	62	64	68	62	39	39	34	34	59	66	72	72	73	69	70	65	60	58	56	48	54	58	60		61.1
	Minimum	50	46	42	46	42	30	28	28	34	49	42	28	26	13	10	24	33	30	44	45	56	57	54	40	40	36	33	22	34	36		36.6
Wynne	Maximum	71	80	78	75	72	67	60	61	58	63	68	53	47	39	36	55	68	72	72	70	71	70	66	65	47	59	44	53	64	58		62.1
	Minimum	51	37	42	50	62	33	29	30	35	43	45	28	23	14	11	19	27	32	47	49	49	58	60	45	39	42	36	22	32	34		37.5

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for November, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Hope, §§ Exp. Farm	Evap.	.109	.190	.143	.110	.067	.112	.100	.120	.131	.	.171	.147	.101	*	*	*	.352	.098	.102	.128	.088	.082	....	.090	.054	....	.048	.087	.086	.057		3.081
	Mean tem.	64	60	57	62	62	52	52	52	46	58	46	42	36	36	49	40	50	54	54	60	66	62	60	60	46	44	44	42	48	49		50.9
	Wind move	28	38	14	17	45	39	35	27	27	31	89	50	56	48	50	22	38	12	30	53	40	21	54	36	99	107	70	40	34	43		1293
Irons Fork, §§ Exp. Forest	Evap.	.078	.077	.063	.061	.042	.069	.046	.037	.050	.009	.036	.057	.035	*	*	*	.119	.002	.002	.042	.043	.067	....	.012	.019	.035	.025	.023	033	.018		1.169
	Mean tem.	58	56	53	61	56	46	46	48	44	50	36	36	28	23	24	37	49	52	56	61	62	50	58	49	43	37	40	36	42	48		46.2
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		.....
Russellville, Ozark Nursery	Evap.	.127	.104	.096	.038	.062	.082	.051	.095	.044	.038	....	.060	.078	074	.040	.030	030	.090	068	.057	.073	.034	.048	.030	.028	.036	.090	066	.046	.030		1.805
	Mean tem.	63	58	56	56	64	50	50	46	51	51	46	46	34	28	26	38	46	50	55	60	63	52	62	58	46	44	44	40	45	55		49.1
	Wind move	33	22	9	2	21	24	16	1	2	1	1	8	59	52	29	12	16	13	30	19	26	6	15	56	51	83	81	24	27	23		742
Stuttgart, §§ Rice Exp. Farm	Evap.	.024	.109	090	.097	.048	.114	.065	.070	.070	....	.075	*	*	*	*	*	*	.401	.080	.091	.048	.007	.018	.002	.005	.012	.068	.050	.041	.038		1.679
	Mean tem.	62	58	58	59	60	49	48	48	44	66	50	40	34	48	26	38	46	52	58	58	62	64	62	52	51	46	44	40	46	53		49.8
	Wind move	28	36	14	25	59	51	23	20	15	77	110	104	64	38	42	45	52	4	29	46	56	65	41	51	108	148	138	43	58	78		1668

Daily Precipitation for November, 1940 Hydrologic Stations

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Alicia [1]	White																															
Antoine(near) [2]	Ouachita	.47					.13		.40	.47	.78	1.88										.45	.36	1.58	.50		.76					7.78
Beaty Lake(near)	St. Francis					.16				.48	.56	.70										.21	.12	.69	.09	.52					.05	3.58
Beedeville [2]	White	.03			.10						.63	1.59											.22	.87	.13		1.03					4.60
Blue Mountain [2]	Arkansas										.40	.60										.50	*	.80		.20	.80					3.30
Briggsville [1]	Arkansas									1.20	.94	.06										.33	2.62	.19	.02	.96						6.32
Cabot[2]	Arkansas					.30			.80	3.70													.50	1.50	1.00	01	1.50					9.31
Carlisle[2]	Arkansas	.43									.94	.90											.56	1.75	.11	.05	.91					5.65
Carpenter Dam[1]	Ouachita									1.06	1.08	.20										.33	1.55	.44		.65					.10	5.41
Clarksville [1]	Arkansas				.10					1.08	1.06	.06									.03	.51	.76	.10	.06	1.30	.15					5.21
Clay SCS [2]	Arkansas				.28						.50	2.85													1.93	1.28					.04	6.88
Compton [1]	White									.71	.71	.04										.18	.35	.05		.74	.14					2.92
Denmark [2]	White	.16			.06					.03	.60	3.37											.35	1.50	.25		1.20					7.52
Dermott [2]	Mississippi	2.09				.14	.23				1.59	.75											.03	1.87	.77	.05	.20					7.72
Eleven Point[2]	White	.31				.32					.36	1.85											.28	1.50	.25		1.40					6.27
Evening Shade[2]	White	.02				.10				.04	.58	1.89										.04	.21	1.33	.21		1.31					5.73
Foreman [1]	Red									2.15	.46											— —	2.71	.70	.05	.76						
Forrest City [1]	St. Francis																															
Green Forest [2]	White										1.00	.70											.30	.70			1.00					3.70
Greenwood[2]	Arkansas									.50	.83	.71										.57	.22	.82	.04		1.27					4.96
Hardy[1]	White																															
Harrisburg [2]	St. Francis				.03						.60	1.07											.25	.74	.11		.72					3.52
Huntsville[2]	White								*	*	*	1.27										.58	.08			1.07	.18					3.18
Jacksonville[2]	Arkansas					.23			.88	2.10													.50	2.12	.08		1.21					7.12
LaCrosse [2]	White	.03				.18				.07	.78	2.10										.02	.33	2.24	.30		1.14					7.19
Lake City[2]	St. Francis					.12			.03		.67	1.10											.28	.45	.10		.78					3.53
Marvell[2]	White																															
Mountain View [2]	White	.12				.07					.52	2.16											.43	2.10	.53	.02	1.22				.05	7.22
Newhope(near) [2]	Ouachita									.69	1.00	1.69										.61	1.05	5.93			1.01			.05		12.03
Nimrod[2]	Arkansas									.74	1.41	.13										.21	4.44	.21		.50						7.64
Odell (near)	Arkansas	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —				.97	.12	.03	.01	.02	1.43					
Parthenon [2]	White					.04				.64	.41	.04										.15	.89	.06		.91	.18					3.29
Pottsville[2]	Arkansas																															
St. Paul[2]	White				.17					.10	.70	1.08										.68		.54	.02	.03	1.17					4.49
Shirley [2]	White	.22				.15				.11	.52	2.11											.32	2.33	.31		1.11					7.18
Solgahachie [2]	Arkansas																															
Sparkman [2]	Ouachita	.50				.05					2.07	1.05										.22	1.54	.43	.02		.89					6.77
Tichnor [2]	White	.70				.03					1.88	1.01											.37	1.08	.40	.10	.35					5.92
Vick [2]	Ouachita	2.00									2.00			.80										2.80	.80							8.40
Wheeling[1]	White				.08	.08				— —	— —	.11										.24	1.04	.59	.03	.78	.26					
Winfrey[1]	Arkansas				.05					.96	.77	.01										.78	.22			1.22	.12					4.13

Daily River Stages for November, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22																								9.6	10.8	9.8	12.4	15.5	15.5	13.5
Van Buren	do	22	2.6	2.7	2.6	2.6	2.4	2.6	2.5	2.2	2.2	2.3	2.3	2.6	2.5	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.2	2.5	3.5	8.5	9.7	9.4	11.4	15.3	15.7	13.3
Mulberry	Mulberry	18	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.1	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.7	1.7	2.2	3.3	2.4	2.1	1 9
Danville	Petit Jean	20	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.4	4.0	4.0	3.5	3.4	3.0	3.0	2.9	2.8	2.7	2.7	2.7	3.0	5.6	5.3	6.2	8.8	11.4	7.6	5.8
Ozark	Arkansas	22	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9	0.9	-0.9	-0.9	-0.9	-0.9	-0.9	0.9	0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.8	1.5	4.8	5.2	5.6	9.4	11.0	9.5
Dardanelle	do	22	0.8	1.0	1.0	1.1	1.1	1.0	0.9	0.9	1.0	1.0	1.5	1.9	1.6	1.5	1.3	1.2	1.0	1.0	1.0	0.9	0.9	0.8	1.3	2.4	4.3	8.5	9.4	10.1	13.6	13.9
Morrilton	do	20	-3.9	-3.8	-3.7	-3.6	-3.5	-3.5	-3.6	-3.7	-3.5	-3 6	-3.3	-2.0	-2.8	-2.8	-3.0	-3.2	-3.4	-3.6	-3.6	-3.6	-3.6	-3.6	-2.2	0.0	-1.0	3.4	5.9	6.2	9.3	10 8
Little Rock	do	23	-1.8	-1.8	-1.7	-1.6	-1.5	-1.5	-1.5	-1.5	-1.6	-1.5	-1.0	-1.3	-1.0	-0.7	-0.9	-1.0	-1.1	-1.2	-1.4	-1.4	-1.4	-1.5	-1.0	0.2	2.4	2.4	5.2	7.0	7.6	10.4
Pine Bluff	do	25	1.7	1.4	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.7	2.1	2.1	2.2	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.6	1.8	2.1	3.4	5 4	5.9	9.1	10.3	12.3
Gilbert	Buffalo	30	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	3.2	3.2	3.3	3.4	3.4	4.4	6.3	5.1	4.7	4.4
Doniphan, Mo.	Current	10	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.5	2.8	3.0	3.1	3.3	3.4	3.4	3.4	3.4	3.4
Black Rock	Black	14	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.2	1.7	1.6	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.5	2.5	2.3	3.6	4.8	3.9	3.4	3.2
Heber Springs	Little Red	30	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.8	3.7	3.6	3.3	3.2	3.0	3.0	2.8	2.8	2.7	2.9	8.2	8.1	7.0	11.8	8.7	7.1	6.3
OzarkBeachMo	White	30	-0.6	-0.6	-0 6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.2	-0.6	0.2	1.4	2.4	1.4	3 4	3.4	3.5	3.5
Cotter	do	21	1.2	1.2	1.3	1.4	1.4	1.3	1.6	1.7	1.8	1.6	1.7	2.0	2.0	1.8	1.7	1.7	1.7	1.7	1.9	1.8	1.8	1.8	1.8	1.9	1.9	2.2	4.0	4.4	4.4	4.6
Calico Rock	do	18	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.6	0.7	0.6	0.9	0.9	1.0	0.7	0.9	0.9	0.9	0.9	0.8	0.9	1.0	0.9	1.0	1.1	1.2	1.8	2.8	4.5	3.8	4.0
Batesville	do	23	4.2	4.1	4.1	4.0	4.2	4.1	4.1	4.2	4.2	4.5	5.4	5.3	4.8	4.8	4.5	4.5	4.7	4.6	4.6	4.6	4.8	4.8	5.1	5.9	5.4	6.4	6.8	7.3	8 9	8 4
Newport	do	26	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.2	0.1	0.1	0.7	0.4	0.1	0.1	0.2	0.3	0.2	0.2	0.2	1.2	0.5	1.8	1.8	3.4	4.1	4.7	4.8
Georgetown	do	21	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.6	-0.6	-0.6	0.2	0.3	0.4	0.9	0.9	0.9	0.7	0.7	0.7	0.5	0.3	0.3	0.6	0.9	2.8	4.1	5.6	6.9	6.9
Des Arc	do	24	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.8	3.1	3.6	3.8	3.7	3.5	3.3	3.0	2.9	2 8	3.2	3.4	3.6	4.7	5.6	7.6	9.3	10.0
Clarendon	do	26	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.5	5.6	5.7	6.0	6.3	6.7	7.2	7.4	7.4	7.3	7.1	6.9	6.8	6.9	7.0	7.2	7.6	8.6	10.1	11.3	12.5
St. Charles	do	25	6.2	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	6.0	6.1	6.2	6.3	6.6	6.8	7.2	7.5	7.7	7.7	7.6	7.6	7.3	7.3	7.4	7 5	7.7	8.1	9.3	10.4	11.6
Glenwood	Caddo	..	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.5	6.6	5.8	5.5	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5 2	5.3	13.1	7.0	6.2	7.8	6.3	6.0	5.8	5.6
Arkadelphia	Ouachita	17	6.9	5.5	5.1	4.5	5.3	5.4	4.8	5.0	5.6	6.2	4.8	6.5	5.4	5.5	5.1	4.7	4.8	4.5	4.5	5.0	5.0	5.0	4.9	18.2	12.0	11.2	14.4	10.0	10.1	8.8
Boughton	Little Mo.	20	3.3	3.1	3.4	3.4	3.4	3.5	3.4	3.4	3.4	4.5	5.2	5.0	5.7	5.6	4.9	4.5	4 2	4.0	3.9	3.8	3.7	3.9	6.3	12.6	15.1	18.6	17.6	15.5	14.0	10.4
Camden	Ouachita	26	5.5	5.4	6.1	5.6	5.2	4.4	4.6	5.0	4.9	5.4	6.2	7.0	7.6	8.2	7.7	7.0	5.9	5.3	5.1	4.8	4.7	5.2	6.0	7.4	16.9	21 8	22.9	23 1	23.6	23.1
Benton	Saline	20	3.4	3.6	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.6	4.2	6.6	6.3	5.6	5.2	4.9	4.6	4.4	4.4	4.3	4.2	4.3	5.1	13.5	8.9	9.0	10.9	8.4	7.4	6.9
Whitecliffs	Little River	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	4.0	10.0	10.4	9.0	6.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	12.0	20.9	23.3	23.5	23.6	23.4	22.1
Index	Red	25	5.4	5.4	5.4	5.4	5.2	5.2	5.2	5.2	5.1	5.6	8.4	8.7	9.3	8.8	8.8	7.8	7.4	6.8	6.8	6.6	6 2	6.1	6.4	8.8	12.1	13.4	13 6	14.6	17.0	15.8
Fulton	do	25	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.5	5.5	6.6	8.4	9.5	8.9	7.9	6.8	6.3	5.6	5.3	5.1	4.8	5.1	8.9	12.6	14.2	15.8	16 8	18.5	18.9
Big Lake Outlet	St. Francis	10	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.9	3.0	3.1	3.2	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.1	3.2	3.3	3.3	3.4	3.4	3.4	3.4	3.4
St. Francis	do	18	2.3	2.3	2.2	2.2	2.5	2.6	2.6	2.4	2.3	2.3	2.6	2.9	3.9	4.3	4.0	3.8	3 6	3.5	3.4	3.4	3.3	3.5	3.7	3.7	3.9	4.1	4.3	4.3	4.4	4.3
St. Francis L.L.	do	..	14.3	14.2	15.1	14.7	14.7	14.2	15.8	13.6	15.6	13.5	15.8	15.5	17.5	18.2	18.5	19.0	18.6	18.1	17.7	17.2	16.7	17.1	16.7	16.1	15.6	15.3	17.0	17.9	17.7	18.4
Marked Tree	do	17	2.1	2.0	1.0	1.2	1.8	2.0	0.4	2.5	0.6	2.5	0.8	0.7	0.4	0.4	0.2	0.4	3.2	3.5	3.5	3.5	3.4	1.5	3.0	3.2	3.0	3.1	0.9	0.5	3.2	0.8
Parkin	do	28	1.7	1.9	1.7	1.7	1.7	1.7	1.7	1.5	1.7	1.9	1.9	1.9	1.5	1.1	0.9	0.9	0.9	1.4	2.8	3.1	3.1	3.1	2.9	2.6	2.9	2.9	2.8	2.2	1.4	2.0
Madison	do	32	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.3	0.3	0.4	0.3	0.2	-0.2	-0.5	-0.4	0.3	0.6	1.0	1.2	1.7	1.0	0.8	1.0	1.1	1.0	0.8	0.6
Helena	Mississippi	42	-0.1	0.1	-0.1	-0.2	0.3	0.8	1.5	2.5	3.5	4.1	4.2	3.9	3.4	2.9	3.1	3.5	3 6	3.4	3.2	3 3	3.7	3 8	3.8	3.5	3.3	3.2	3.0	3.2	4.2	4.5
Arkansas City	do	42	-3.4	-3.5	-3.4	-3.3	-3.3	3.4	-3.1	2.6	-1.9	0.9	-0.1	0.1	0.1	-0.1	-0.6	-0.7	-0.5	-0.2	-0.1	-0.3	-0.4	-0.3	0.0	0.1	0.0	-0.1	-0.2	0.0	0.6	2.0

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock. Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena, Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

/OL. XLV   LITTLE ROCK, ARK., DECEMBER, 1940   No. 12

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GENERAL SUMMARY

December was a comparatively warm month. The average
ıonthly mean temperature for the State, based on the records
f 76 stations, was 46.7°, which is 3.8° above the mean for the
ast 50 years. It was the warmest December since 1931, and
ıe sixth warmest since 1891. Temperature departures varied
·om +6.5° at Russellville to —0.1° at Texarkana. Only one
ation had a subnormal mean temperature. The highest
ıonthly mean temperature was 51.9° at Magnolia and the low-
st was 39.8° at Lead Hill. The highest temperature recorded
uring the month was 77° at Bethesda, Independence County,
ı the 10th. The lowest was 14° at Gilbert, Searcy County,
ı the 2d and 3d. Most stations recorded their highest tem-
rature on the 9th, while the lowest occurred on the 2d or
th, at the majority of stations. Temperature extremes did
t approach the records of former Decembers. Freezing tem-
ratures occurred in all sections of the State one or more days
ıring the month. Daily mean temperatures were below nor-
al during the first three days of the month and again from
e 14th to the 18th, but comparatively mild weather prevailed
ıring the remainder of the month.

The average monthly precipitation for the State, based on
e records of 108 stations, was 3.92 inches, which is 0.30 inch
ss than the mean for the past 50 years. The greatest month-
amount was 8.69 inches at El Dorado and the least was 1.50
ches at Clinton. The greatest amount of precipitation in 24
ours was 3.10 inches at El Dorado on the 27th. The heaviest
nounts reported were recorded in the southern section of the
ate. There were 9 days with a measurable amount of rain,
hich is 1 more than average. The greater portion of the
onth's precipitation occurred from the 14th to the 16th, in-
ısive. Snowfall averaged a trace, only three stations report-
g a measurable amount. There were 13 clear, 5 partly
oudy and 13 cloudy days during the month. Fog was quite
evalent. No destructive windstorms were ıeported during
ecember.

Except for the wet period during the middle of the month,
e weather was generally favorable for outside farm work.
me of the remaining cotton and corn were gathered early in
e month. Spinach cutting and growth made good progress
the Fort Smith area. Considerable plowing and terracing
re done when weather permitted. Considerable butchering
s accomplished during the cool spells. Winter wheat, oats
d cover crops made good progress and appeared to be in good
ndition at the close of the month.

No floods occurred in the Little Rock river district during
e month. However the Ouachita River reached 21 feet at
n den on the 20th and the Petit Jean rose to 16.4 feet at
nville on the 17th. The monthly mean stage of the Arkan-
River at Little Rock was 4.6 feet, which is slightly below
mal.

B. N. W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmostpheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	30.14	30.57	3	29.45	25	6.9	20	sw.	9	..	..	..	46
Fort Smith..	30.06	30.53	17	29.47	25	7.3	23	w.	15	80	65	66	41
Little Rock..	30.10	30.55	17	29.45	27	8.3	28	ne.	26	91	67	79	57
Memphis	30.10	30.54	3	29.40	27	7.9	26	w.	15	85	62	76	46

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	..	..	.	..	..	2	..	1	..	.	7	12	7	9	8	2	..	1	4	29	8	2	..	.	4	2	3	5	1	..	2
Light hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	.	..	..	..	..		.	1
Moderate hail .	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	..	..	..
Thunderstorm .	.	..	..	..	..	5	3	..	..	..	..	1	..	..	1	.	..	..	..	.	..	..	..	..	..	..	.	.	..	.	11

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	72	13	4.69	......	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1.3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0 7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3 2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.3	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43.2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41.4	86	− 8	3.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0 9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41 5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44.6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
1940	46.7	77	14	3.92	T	9	13	5	13
Period	42.9	88	−21	4.22	1.2	8	12	6	13

Climatological Data for December, 1940

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	47.4	......	70	9	25	2§	40	2.81	......	0.69	0.0	7	13	6	12	e.	L. R. Water Works
Arkadelphia	Clark	200	45	48.1	......	72	9	26	5	42	3.16	−1.72	0.96	0.0	10	14	3	14	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	5.23	−0.75	1.42	0.0	9	11	11	9	......	George W. Reitzammer
Batesville Airway	Independence	363	4	45.5	+ 5.5	71	9	23	2	37	3.38	......	0.97	0.0	11	13	2	16	n.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	3.42	−0.50	1.05	0.0	10	16	0	15	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	46.4	+ 4.4	70	9	23	2	41	2.95	−1.22	0.80	0.0	10	13	4	14		J. E. Scanlan
Benton	Saline	285	5	45.9	......	69	21	24	2§	42	3.16	......	0.83	0.0	10	16	5	10	s.	S. A. Burks
Bentonville	Benton	1295	35	42.6	+ 4.6	70	9	21	16	35	3.64	+1.26	2.29	T	10	11	4	16	sw.	U. S. Weather Bureau
Bethesda	Independence	500	1	45.8^{h}	......	77^{h}	10	23^{h}	18	40^{h}	3.03	......	0.78	0.0	9	......	......	......		Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	4.77	......	1.96	T.	11	13	4	14	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	3.08	−1.02	0.79	T.	9	18	0	13	n.	Vernon C. Howe
Blytheville	Mississippi	252	15	45.8	+ 3.2	67	9§	21	17	37	4.33	−0.01	1.60	0.1	6	13	3	15	s.	Samuel Norris
Booneville (near)	Logan	465	26	46.3	+ 2.5	76	9	24	2§	45	3.28	+0.24	1.32	0.0	10	16	3	12	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	4.94	......	1.49	0.0	6	14	6	11	......	Harry J. Buie
Brinkley	Monroe	205	49	......	......	......	......	20	3	......	4.79	−0.32	1.80	0.0	10	15	1	15	ne.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	2.24	−1.31	0.92	0.0	9	8	7	16	......	William Jones
Camden	Ouachita	116	55	50.2	+ 5.2	72	9	28	2§	41	5.21	+0.04	1.53	0.0	8	15	1	15	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	4.78	−0.27	1.90	0.0	10	10	5	16	n.	R. M. Wheatley
Clinton	Van Buren	516	19	......	......	......	......	......	......	......	1.50	−2.49	0.55	0.0	5	15	2	14	w.	E. F. Tomlinson
Clover Bend	Lawrence	235	..	44.6	......	71	9§	19	2	40	4.18	......	0.96	0.0	8	11	7	13	nw.	G. E. Tanner
Conway	Faulkner	309	57	47.4	+ 4.6	70	9	23	2	43	2.94	−1.30	0.64	0.0	8	16	3	12	s.	E. E. Cordrey
Corning	Clay	293	47	44.4	+ 4.5	66	22	21	2	39	4.31	+0.44	1.45	0.0	7	13	4	14	w.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	3.34	+0.04	1.18	0.0	7	12	5	14	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	50.0	+ 3.4	72	6§	24	17	45	5.52	−0.54	1.37	0.0	9	12	5	14	n.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	3.09	−0.40	1.27	0.0	9	14	4	13	......	J. M. Patterson
Dardanelle	Yell	330	54	47.7	+ 5.3	75	9	26	16	43	2.58	−0.99	1.24	0.0	8	6	12	13	e.	Geo. N. Goodier
DeQueen	Sevier	426	5	49.9	......	74	9	29	2§	42	4.29	......	1.30	0.0	10	17	4	10	e.	Felix McKean
Des Arc	Prairie	204	2	48.2	......	70	9§	25	2	41	3.30	......	1.34	0.0	4	9	3	19	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	44.4	......	64	9	17	16	31	4.73	......	1.12	0.0	10	12	1	18	sw.	U. S. Forest Service
Dumas	Desha	162	35	49.6	+ 3.0	72	9	26	2	40	4.29	−2.00	1.30	0.0	9	7	12	12	n.	Ben Johnson
El Dorado	Union	270	40	51.2	+ 4.4	72	7§	28	16§	37	8.69	+2.48	3.10	0.0	8	17	3	11	w.	Mrs. E. W. Gaston
England	Lonoke	229	34	48.2	+ 4.2	70	9	25	2	41	3.38	−1.56	1.00	0.0	7	10	9	12	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	44.4	+ 4.6	72	9	19	17	36	4.92	+2.12	1.60	0.0	9	11	7	13	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	43.6	......	68	9	21	16§	35	2.66	......	0.80	T.	9	7	7	17	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	44.0	+ 4.0	68	9	22	16§	38	2.75	+0.05	0.83	0.0	10	11	6	14	ne.	University of Arkansas
Fort Smith	Sebastian	448	59	46.0	+ 3.9	75	9	26	16	40	3.44	+0.40	1.13	0.0	11	13	4	14	e	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	3	......	......	......	......	......	......	......	4.69	......	1.73	0.0	9	12	4	15	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	7.20	+2.98	1.65	0.0	9	11	7	13	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	3.02	−1.43	0.90	0.0	7	18	2	11	......	C. G. Long
Gilbert	Searcy	600	15	41.4	......	73	9	14	2§	51	2.65	−0.68	1.01	0.0	9	18	0	13	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	3.04	......	0.78	0.0	10	15^{a}	4^{a}	11^{a}	......	C. A. Price
Grannis	Polk	950	21	48.4	+ 3.8	71	9§	20	16	42	4.87	+0.01	1.53	0.0	11	15	3	13	s.	W. E. McVay
Gravette	Benton	1250	43	42.3	+ 4.1	70	9	18	17	40	2.69	+0.28	1.10	0.0	8	13	8	10	sw.	Max W. Schmidt
Green Mountain	Stone	1100	3	45.0	......	69	9	20	17	38	2.84	......	0.65	T	13	15	1	15	s.	U. S. Forest Service
Harrison	Boone	1052	40	43.2	+ 5.2	70	9	21	2	37	3.41	+0.55	0.90	0.0	8	15	3	13	ne.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	2.91	......	1.01	0.0	8	15	2	14	......	Lester B. Logan
Helena	Phillips	300	68	48.1	+ 3.5	69	9	22	2	38	4.31	−1.12	1.00	0.0	13	12	3	16	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	2.46	−1.43	0.52	0.0	11	15	3	13	e.	Austin E. Cartwright
Highland	Pike	491	21	48.3	......	75	2	22	16	50	3.41	−0.85	0.87	0.0	9	13	8	10	se.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	48.2	+ 1.2	72	9	27	16§	40	6.86	+2.09	1.58	0.0	7	10	11	9	ne.	Experiment Farm
Hot Springs	Garland	600	49	47.8	+ 3.7	69	9	26	2§	36	2.81	−1.86	0.82	0.0	11	17	2	12	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	5.45	+1.74	1.20	0.0	9	14	0	17	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	2	44.3	......	69	9	17	16	40	3.87	......	1.47	0.0	12	12	4	15	n	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	3.32	−1.26	0.78	0.0	10	7	11	13	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	45.8	+ 4.4	69	9	23	2§	40	5.07	+0.44	1.87	0.0	12	7	11	13	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	39.8	0.0	74	9	18	2	49	3.91	+1.22	1.26	T.	9	11	5	15	w.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	48.2	+ 4.0	69	9	28	16	36	3.02	−1.12	1.14	0.0	8	10	6	15	e.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	47.3	......	71	9	25	4	41	2.97	......	1.07	0.0	11	9	8	14	n.	W. B. Airport Station
Lutherville †	Johnson	775	42	45.8	+ 4.4	73	9	22	16	36	4.36	+0.92	1.12	0.0	9	12	5	14	ne.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	4.62	......	1.55	0.0	7	1	8	22	......	J. W. Eppes
Magnolia	Columbia	315	24	51.9	+ 3.9	73	9	27	16§	36	7.81	+2.52	2.30	0.0	11	4	15	12	w.	State Agri. School
Mammoth Spring	Fulton	600	36	42.4	+ 3.0	71	9	18	2	43	2.52	−0.86	1.17	0.2	8	9	6	16	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	48.0^{a}	+ 4.3	70^{a}	9	24^{a}	2	41^{a}	3.87	−0.92	1.21	0.0	12	14^{a}	8^{a}	8^{a}	n.	C. N. Houck
Marked Tree	Poinsett	229	36	43.6	+ 2.4	68	9	21	2	41	4.09	−0.55	1.71	0.9	10	13	7	11	n.	Charles Walton
Mena	Polk	1207	52	47.6	+ 5.0	70	9	22	16	33	3.30	−0.67	1.27	0.0	13	13	4	14	sw.	E. W. St. John
Monticello Airway	Drew	273	4	50.0	......	71	10	29	2§	38	5.98	......	1.81	0.0	11	8	10	13	ne.	Airway Observer
Morrilton	Conway	315	21	45.2	+ 1.5	73	9	24	2	44	2.10	−1.78	0.67	0.0	10	12	10	9	se	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	3.30	......	1.24	0.0	8	14	0	17	n.	C. A. Lovell
Mountain Home	Baxter	800	28	43.8	+ 3.4	74	9	20	2	43	3.04	−0.32	0.90	0.0	6	16	0	15	sw.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	2.61	......	0.67	0.0	9	15	5	11	s.	J. G. Scott
Mount Ida	Montgomery	702	41	46.3	+ 3.5	72	9	19	2	46	2.74	−1.36	0.80	0.0	9	15	4	12	e.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	2.59	......	0.74	0.0	10	18	2	11	se.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	3.13	......	1.37	0.0	9	12	3	16	......	Clifton Ward
Nashville	Howard	350	2	49.7	......	73	9	26	16	41	3.72	......	0.80	0.0	10	14	4	13	......	H. B. Carruth
Newport	Jackson	231	57	46.8	+ 4.6	70	9	23	2	38	3.24	−0.97	0.81	0.0	10	12	6	13	s.	J. D. Henderson
Oden	Montgomery	800	13	46.1	......	71	9	20	16	39	3.22	......	0.89	0.0	9	14	4	13	s.	U. S. Forest Service
Okay	Howard	288	12	50.2	......	73	9	27	16	41	5.06	......	1.22	0.0	10	13	7	11	ne.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	4.43	......	1.44	0.0	10	9	12	10	......	G. H. Banks
Ozark	Franklin	396	45	45.9	+ 4.7	71	9	22	16	40	3.46	......	1.46	0.0	10	7	5	19	e.	Orkney O. Milton
Paragould	Greene	275	17	44.8	......	65	9§	22	2§	35	4.90	+0.37	1.48	T.	11	13	5	13	nw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	4.29	......	1.84	0.0	9	10	3	18	......	Carroll King
Pine Bluff	Jefferson	215	53	49.3	+ 4.2	72	9	29	2§	39	4.18	−1.38	1.29	0.0	6	9	10	12	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	3.35	−1.10	1.38	0.0	5	12	6	13	nw.	J. R. Huddleston
Pocahontas	Randolph	300	47	44.2	+ 4.0	68	9	20	2	38	3.64	−0.39	0.93	0.0	9	9	6	16	n.	Benedictine Sisters
Portland	Ashley	122	34	49.8	+ 2.2	74	12	25	4§	45	3.37	−2.80	1.46	0.0	7	12	6	13	n.	W. E. Edmiston
Prescott	Nevada	318	52	50.2	+ 4.4	70	4§	27	16	40	6.06	+1.51	1.64	0.0	9	12	8	11	n.	W. R. Hambright
Rogers (near) †	Benton	1300	50	42.8	+ 3.8	70	9	20	2§	37	3.16	+0.82	0.92	0.0	6	14	2	15	ne.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6	......	......	......	......	......	......	......	3.18	......	0.95	0.0	9	15	4	12	n.	G. A. Maddox
Russellville	Pope	526	28	47.0	+ 6.5	74	9	24	2	44	3.48	+0.47	0.88	0.0	11	16	0	15	ne.	U. S. Forest Service
St. Charles	Arkansas	175	7	47.8	......	69	9	26	2	37	4.91	......	1.16	0.0	11	9	4	18	n.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	5.39	+1.02	1.99	0.4	13	14	1	16	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	46.8	+ 4.0	70	9	24	2§	41	2.35	−1.89	0.57	0.0	9	13	3	15	sw.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	7.38	+2.46	2.00	0.0	..	......	......	......	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	2.25	−2.84	1.10	0.0	4	17	3	11	n.	S. C. Story
Stuttgart	Arkansas	214	53	47.7	+ 3.7	70	9	26	2	37	4.71	−0.41	1.55	0.0	8	14	4	13	n.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	46.8^{a}	......	68^{a}	9	26^{a}	2	33^{a}	4.95	......	1.87	0.0	11	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	43	46.4	+ 3.7	74	9	25	16	40	3.81	+0.54	0.92	0.0	11	14	6	11	se.	New Subiaco Abbey
Texarkana	Miller	332	56	51.8	− 0.1	75	9	28	16	35	6.43	+2.08	2.60	0.0	8	18	2	11	......	H. S. Brashear
Thornburg (near)	Perry	650	20	45.8	+ 4.7	71	9	18	2	43	2.51	−1.47	0.63	0.0	9	14	4	13	s.	Edward E. Holmes

Climatological Data for December, 1940 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike †	Pope	2240	16	45.0		67	9	18	16	34	3.52	−0.73	1.00	0.0	11	15	3	13	sw.	U. S. Forest Service
Wabash	Phillips	179	1					25	2		5.06		1.60	0.0	9	15	7	9	n.	Ben Rives
Waldron	Scott	675	21	47.3[a]		74[a]	9	23[a]	29	44[a]	3.00	−0.63	1.20	0.0	9	10[a]	11[a]	9[a]	se.	Wilson Ferguson
Warren	Bradley	206	46	50.6	+ 5.4	72	9	27	2	39	5.12	−0.81	1.57	0.0	8	7	1	23	sw.	C. N. Turner
Whitecliffs	Little River	290	34								4.47	+0.45	1.20	0.0	9	14	2	15		L. M. Snead
White Rock †	Franklin	2285	4	45.0		66	5	16	16	30	3.60		1.20	0.0	10	14	4	13	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	46.4	+ 4.6	68	9	19	2	40	3.77	−1.25	1.70	0.0	6	17	2	12	s.	D. O. Anderson
Wright	Jefferson	234	1	47.3		72	9	26	29	36	3.28		0.78	0.0	8	14	10	7	n.	J. S. Martin
Wynne	Cross	167	32	47.2	+ 5.2	70	9	21	2	41	4.14	−0.71	1.52	0.0	6	12	3	16	n.	B. M. Eddins
State Means				46.7	+ 3.8	77	10	14	29	51	3.92	−0.30	3.10	T.	9	13	5	13	n.	

Daily Precipitation for December, 1940

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser. †	Ouachita						.09	37				T.	.69	.05	T.	.50			T.	.31								.80					2.81
Arkadelphia [2]	Ouachita	.01						.93					23	.47	.02	.06	.96			.15								.30	.03				3.16
Arkansas City [2]	Mississippi	1.01						1.25					.06	1.42	.08	.13	.58			T								.65	.05				5.23
Batesville Airway +	White						.39					.97	.32	02	T.	.68	.01		.09						T.	.01	.01	.74				.14	3.38
Batesville River [2]	White	.01						40					1.05	.26	.02	.07	.54			.14						T.		.43	.50			T	3.42
Bee Branch	Arkansas						.05	.60				.10	.80	.05		.50	.05		T.	.15								.40				.25	2.95
Benton [2]	Saline	.13						83					.45	.14	.04	.06	.67			42	.02					T.		.40					3.16
Bentonville [1]‡	Arkansas										.02	.70	.05	.16	.35	.92			.01							.02	T.	T.			.12	1.29	3.64
Bethesda ***	White						.30					.78	.52	.02		.47			.10								.58	.06				.20	3.03
Big Lake Outlet †[2]	St. Francis			T.	T			.81					.09	.22	.08	T.	1.96			.16	.02					.03	.02	1.14	.24			T.	4.77
Black Rock [2]	White	T.			T.			.72					.79	.08	T	.05	.65			.06						.13	T.	.23	37			T.	3.08
Blytheville [2]	St Francis			T.				.77					.16			.24	1.60											1.01	.55				4.33
Booneville	Arkansas							.11				*	1.32	.20	.07	.82			.13								.01	.48				.11	3.28
Boughton †[2]	Ouachita							1.49					.34	.90			1.14			.12								.95					4.94
Brinkley	White						.09	.75					.26	.49		1.80	.05			.23	T.				.01	.04		1.07					4.79
Calico Rock [2]	White							.04					.92	.15	.07	.07	.45			.12								.27	.15				2.24
Camden [2]	Ouachita	.37						1.53					.31	.54			.95			.33								1.15	.03				5.21
Clarendon [2]	White	07						.77					.14	.78		T.	1.90			.35	.01					.06		.65	.05				4.78
Clinton	White						T	.14				.15	T	T.	T	.55	T		T.									.33				.33	1.50
Clover Bend	White						.06	.31				T.	.96	.37		.80				.83							.12	.73					4.18
Conway	Arkansas							.42				.21	.64	.06		.58			.27	.14								.62					2.94
Corning [2]	White							.48					95	.07			1.45				.08							.60	.68				4.31
Cotter [2]	White												1.18	.22		.40	.45			T.	T.							.33	.10			.66	3.34
Crossett [near]	Ouachita	1.20						1.37					.48	.31	05	.47				.07					T.		.70	.87					5.52
Danville [2]	Arkansas							.07					1.27	.06	.08	.12	.52			.23								.22	.52				3.09
Dardanelle [2]	Arkansas							.05					1.24	T.		*	.51			.19								.19	.38			.02	2.58
De Queen	Red						.08	.41				.79	.43	.03	.14	1.30			.17							.02	.92						4.29
Des Arc [2]	White	T						1.34					.21			T	.71			.20								.73	.11				3.30
Devils Knob †	Arkansas											1.12	.80	.05	.42	.75	.02		T.	.13						.25		.36				.83	4.73
Dumas	Mississippi							1.30				T.	.55	.83	.03	.61	.03		T	.15					T.			.75	T.			.04	4.29
El Dorado [2]	Ouachita	1.30						1.79					.81	.66	T.	T.	.67			.34								3.10	.02				8.69
England	Arkansas	.15					.10	1.00					T	.90		.60			T.						T.	.03		.60					3.28
Eureka Springs	White											1.60	.28	.42	.45	.75	.03		.10									.08				1.21	4.92
Fayetteville	White						T.				T.	.42	.28	.13	.41	.80	.01		.04							T.	.02	T	T			.55	2.66
Fayetteville Exp. S	White						T.	.01			T.	.48	.22	.18	.35	.83	.02		03								.02	T.				.61	2.75
Fort Smith [1]‡	Arkansas							02			T	1.12	.05	.12	.27	.79			.03								.02	.19			.17	.66	3.44
Fort Smith W. †[2]	Arkansas						T.				.06	1.26	.05	.02	.18	.86			.02							T.					.51	1.73	4.69
Fulton [2]	Red							1.43					.37	.84	.03	.05	1.20			.23							1.40	1.65	T.				7.20
Georgetown	White							.90					.20	.22		T.	.70			.20					T.			.70	.10				3.02
Gilbert [2]	White												1.01	.07	.07	.21	.45			.11								.42	.05			.26	2.65
Glenwood [2]	Ouachita	.10						72					.48	.19	.06	.09	78			.34								.24	.04				3.04
Grannis	Red						.10	.45				1.33	.42	.14	.13	1.53			.17								.45	.07				.08	4.87
Gravette [2]	Arkansas										*	*	.75	.18	.35	1.10											.06					.25	2.69
Green Mountain †	White			T.				.03				.12	.65	.12	.08	.39	.11		.11							.01	.01	.60	.01			.60	2.84
Harrison	White											.64	.37	.17	.39	.56			.18							T.		.20				.90	3.41
Heber Springs [2]	White							.91					1.01	06	T	T.	.40			.13						.02		.23	.15				2.91
Helena [2]	Mississippi	.35						.85					.12	1.00	.02	.05	.96			.03	T	.02				.02	.02	.67	.20				4.31
Higden	White	.03					.03	.34				.04	.36	.52		.38	T.		.10	.04					T.	T.		.30				.32	2.46
Highland	Ouachita						.70	.50				.28	.18		.04	.87			.28								.36	.20					3.41
Hope ‡‡[2]	Red							1.42					.47	.82	.04	.07	1.03			.20							1.20	1.58	.03				6.86
Hot Springs	Ouachita	.03					.05	.82				.06	.29	.09	.01	.71			.30	.05						T.		.40					2.81
Index ‡[2]	Red							1.20					.40	.65	.05	.12	.58			.30							.95	1.20					5.45
Irons Fork †‡‡[2]	Ouachita							.22				.12	1.47	.08	.05	.25	.69		.03	.18								.35	.24			.19	3.87
Jessieville	Ouachita							.78				.53	.10	.16	.20	.53			*	.47								.29				.26	3.32
Jonesboro [2]	White	.01						1.48					.44	.19	T	.02	1.87			.16						.03	.01	.53	.32	T		.01	5.07
Lead Hill	White			T.								.73	.41	.32	.50	.42			.04	.05							T	.18				1.26	3.91
Little Rock [1]†	Arkansas						1.14	T.				.32	.38	T.	T.	.59			.22						T.	.01	.01	.35			T.	T.	3.02
LittleRock Air'y [1]‡	Arkansas						1.07					28	.21	.02	.01	.64			.19						T.	.01	.08	.45				.01	2.97
Lutherville †	Arkansas											1.12	.96	.15	.20	1.10			.24	.27								.50				.32	4.86
Madison [2]	St. Francis							.89					.20	50			1.55			.27								1.10	.11				4.62
Magnolia	Red	.32					.09	1.45				.42		.63	.02	.91			.11	.09							2.30	1.47					7.81
Mammoth Spg [2]	White			T									1.17	.15	.10	.11	.53			.13								.13	.20				2.52
Marianna	St. Francis	.05						.70					.17	.56		1.21	.03			.24					.04	*	*	.77	.10				3.87
Marked Tree [2]	St. Francis							1.04					.13	.18		.05	1.71			.24						.05	.03	.52	.14				4 09
Mena [2]	Ouachita							.28				.03	1.27	.09	.05	.45	.77		.01	.11							.09	.03	.07			.05	3.30
Monticello Air ‡	Ouachita	.09					.66	.94				.69	1.81	T.	04	.55	T.		.14						.01		.92	13				T.	5.98
Morrilton [2]	Arkansas							.20					.67	.05	.03	.01	.35			.35							.02	.20	.22			T.	2.10
Mountainburg	Arkansas						T.	T.				1.24	.18	.08	.20	.91			.05							.03						.61	3.30
Mountain Home	White											.59	.70	.08	.35	.42				T												.90	3.04
Mountain Valley	Ouachita						.08	.67				.31	.19	.06	T.	.60			.33	.04								.33			T.	T.	2.61
Mount Ida	Ouachita							.27				.34	.62	.11	.06	.80			.29									.20				.05	2.74
Mount Ida CCC	Ouachita						04	.23				.28	.69	.08	.06	.74			.25									.18				.04	2.59
Mulberry †[2]	Arkansas											.02	1.37	.08	.14	.22	.77										.03	.09				.41	3.13
Nashville	Red						.30	.80				.25	.17	.03	.02	.80			.32							T.	.78	.25					3.72
Newport [2]	White	.01						.63					.78		.01		.81			.21						.09		.53	.16			.01	3.24
Oden	Ouachita						.09	.25				.77	.89	.15	.08	.73												.18				.08	3.22
Okay	Red						T	1.22				.21	.55	.06	.02	.86			.33	.07							1.20	.54					5.06
Osceola [2]	Mississippi	.02		T.	T.			1.18					.18	.21	.02	.20	1.44			.18	T.	T.				T	T	.80	.20	T.			4.43
Ozark [2]	Arkansas							.01				T.	1.46	.03	.09	.56	.49			.06							T.	.27	.09			.40	3.46

Daily Precipitation for December, 1940 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota
Paragould	St. Francis	....	....	T	....	....	.04	.59	....	....	....	....	.68	.41	.01	.77	.70	....	....	.14	T.	....	....	....	....	.06	T.	1.48	.02	....	....	T.	4.9
Parkin[2]	St. Francis	....	....	....	....	....	....	.87	....	....	....	....	.19	.23	....	.09	1.84	....	....	.28	....	....	....	....	....	25	....	.43	.11	....	....	....	4.2
Pine Bluff[2]	Arkansas	19	....	....	....	....	....	.94	....	....	....	....	.19	1.29	T.	T.	1.20	....	....	.37	....	....	....	....	....	T.	....	....	T	....	....	....	4.1
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	.39	....	....	....	1.38	....	....	.36	.86	....	....	....	....	....	....	....	....	....	....	....	.36	....	....	....	....	3.3
Pocahontas	White	....	....	T	....	....	....	.82	....	....	....	....	.84	.11	....	.42	.21	....	....	.07	....	....	....	....	....	.10	....	.93	....	....	....	.14	3.6
Portland[2]	Ouachita	....	....	....	....	....	....	1.46	....	....	....	....	T.	.57	.04	.34	.20	....	....	.06	....	....	....	....	....	....	....	.70	....	....	....	T.	3.3
Prescott[2]	Ouachita	.02	....	....	....	....	....	1.22	....	....	....	....	.48	1.64	.04	....	1 07	....	....	.22	....	....	....	....	....	....	....	1.32	.05	....	....	....	6.0
Rogers (near) †	White	....	....	....	....	....	....	....	....	....	....	.57	.25	.32	.35	.75	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.92	3.1
Rosebud †	Arkansas	....	....	....	....	....	.54	....	....	....	....	.95	.10	....	....	.48	....	....	.09	.39	....	....	....	....	....	.03	....	.55	....	....	....	.05	3.1
Russellville ‡‡	Arkansas	....	....	....	....	....	T.	.33	....	....	....	.48	.88	.01	.04	.55	.02	....	.13	.07	....	....	....	....	....	....	....	.57	....	....	....	.40	3.4
St. Charles[2]	White	.22	....	....	....	....	....	.99	....	....	....	....	.16	1.16	....	.12	....	1.08	....	.19	.02	....	....	....	....	.06	T.	.86	.05	....	....	....	4.9
St. Francis[2]	St. Francis	....	....	07	.10	....	....	.60	....	....	....	....	.77	.14	.06	.07	1.99	....	....	.11	T	....	....	....	....	....	.07	.94	.39	....	....	.08	5.3
Searcy[2]	White	.03	....	....	....	....	....	.57	....	....	....	....	.48	.11	T.	.03	.57	....	....	....	....	....	....	....	....	....	.05	.46	.05	....	....	....	2.3
Spring Bank †[2]	Red	.21	....	....	....	....	....	1.18	....	....	....	....	.38	.75	.08	.05	1.45	....	....	.26	....	....	....	....	....	....	.95	2.00	.07	....	....	....	7.3
Story[2]	Ouachita	....	....	....	....	....	.42	....	....	....	....	1.10	....	....	....	.42	....	....	....	.31	....	....	....	....	....	....	....	....	....	....	....	....	2.2
Stuttgart[2]	Arkansas	.08	....	....	....	....	....	.98	....	....	....	....	.15	.88	....	....	1.55	....	....	.34	....	....	....	....	....	....	....	.65	.08	....	....	....	4.7
Stuttgart ‡‡[2]	Arkansas	.11	....	....	....	....	....	.99	....	....	....	....	.19	.84	....	T.	1.87	....	....	.27	.01	....	.01	....	....	.03	T	.59	.04	....	....	....	4.9
Subiaco	Arkansas	....	....	....	....	....	....	.14	....	....	....	.92	.67	.12	.09	.68	.01	....	.18	.05	....	....	....	....	....	T.	....	.85	....	....	....	.10	3.8
Texarkana[2]	Red	....	....	....	....	....	....	.85	....	....	....	....	.38	.65	....	.25	.85	....	....	.15	....	....	....	....	....	....	.70	2.60	....	....	....	....	6.4
Thornburg	Arkansas	....	....	....	....	....	.03	.35	....	....	....	.20	.43	.06	T.	.63	.01	....	.28	T.	....	....	....	....	....	....	....	52	....	....	....	T.	2.5
Turnpike †	Arkansas	....	....	....	....	....	T	.02	....	....	....	.86	1.00	.08	.10	.60	.02	....	.11	....	....	....	....	....	....	.04	....	.27	....	....	....	.42	3.5
Wabash	Mississippi	.03	....	....	....	....	....	1.10	....	....	....	....	.15	1.60	.03	1.40	.02	....	....	....	....	....	....	....	....	.05	....	.68	....	....	....	....	5.0
Waldron	Arkansas	....	....	....	....	....	....	....	....	....	....	1.20	.08	.02	.11	1.03	....	....	.02	.08	....	....	....	....	....	T.	.34	....	....	....	....	.12	3.0
Warren	Ouachita	.33	....	....	....	....	....	1.57	....	....	....	....	.30	1.24	....	.50	....	....	....	.18	....	....	....	....	....	....	.05	.95	....	....	....	....	5.1
Whitecliffs[2]	Red	.10	....	....	....	....	....	1.10	....	....	....	T.	.32	.33	.42	.10	....	....	....	....	....	....	....	....	....	....	1.20	.80	T.	....	.10	T.	4.4
White Rock †	Arkansas	....	....	....	....	....	T.	T.	....	....	....	1.20	.29	.14	23	1.02	....	....	.04	.02	....	....	....	....	....	....	.02	.12	....	....	....	.52	3.6
Wilson[2]	Mississippi	....	....	....	....	....	....	1.00	....	....	....	.13	....	.21	....	....	1 70	....	....	....	....	....	....	....	....	....	....	*	.73	....	....	....	3.7
Wright	Arkansas	....	....	....	....	....	.02	.78	....	....	....	....	.38	.72	....	.63	....	....	.03	.28	....	....	....	....	....	....	....	.44	....	....	....	....	3.2
Wynne[2]	St. Francis	....	....	....	....	....	....	.91	....	....	....	....	.18	.28	....	....	1.52	....	....	.25	....	....	....	....	T.	....	....	1.00	....	....	....	....	4.1

Daily Temperatures for December, 1940

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	60	59	47	65	65	65	59	63	70	68	60	65	59	42	45	45	47	48	63	65	65	67	67	65	60	56	54	52	54	53	56	58.4
	Minimum	37	25	32	25	35	36	47	32	35	40	46	55	40	37	36	25	37	28	34	37	37	32	32	37	48	49	43	40	32	29	33	36.5
Arkadelphia §§	Maximum	56	58	50	69	61	59	64	65	72	70	61	61	51	44	42	50	49	49	64	67	65	66	65	65	66	58	53	56	62	55	63	59.2
	Minimum	44	30	30	27	26	32	43	32	32	34	42	53	49	41	40	28	28	31	35	39	35	32	34	35	49	52	50	42	34	33	36	37.0
Batesville ***	Maximum	50	59	38	62	63	60	61	63	71	68	56	63	47	39	43	45	42	46	63	66	63	67	63	62	54	58	53	47	56	52	52	55.9
	Minimum	27	23	27	28	34	34	37	29	34	44	43	46	39	36	37	28	27	27	36	35	35	30	30	35	48	51	42	40	37	29	39	35.1
Bee Branch	Maximum	62	55	53	65	64	60	60	60	70	66	62	63	58	45	50	44	45	48	60	65	66	68	65	64	64	55	55	55	56	52	52	58.3
	Minimum	35	23	31	24	31	31	42	30	33	38	47	54	37	35	37	24	24	28	33	35	37	30	30	37	37	48	42	38	35	28	40	34.6
Benton §§	Maximum	54	58	45	67	64	61	64	65	66	68	64	67	46	42	45	53	49	48	63	68	69	65	65	64	64	59	51	56	60	51	61	58.8
	Minimum	40	24	24	25	26	27	32	28	28	29	44	46	45	40	34	27	24	26	34	35	32	30	27	28	46	46	46	44	30	28	28	33.0
Bentonville ***	Maximum	44	48	36	59	60	62	54	62	70	52	45	44	36	37	39	34	38	45	57	62	65	65	63	65	56	52	42	44	49	59	56	51.6
	Minimum	26	26	27	35	32	41	37	34	44	39	40	36	33	34	23	21	22	34	37	33	30	33	36	37	46	38	34	33	33	29	43	33.7
Blytheville	Maximum	56	52	45	60	57	64	60	57	67	67	65	64	50	41	61	59	46	49	58	49	56	62	63	62	55	54	56	47	52	51	60	56.3
	Minimum	29	29	23	23	32	39	31	30	37	44	52	46	40	36	38	31	21	28	40	28	29	33	32	35	50	44	41	41	40	29	41	35.2
Booneville	Maximum	69	62	56	70	66	62	62	69	76	66	59	55	45	43	40	42	40	45	59	62	69	67	64	68	62	58	55	50	57	52	53	58.2
	Minimum	36	24	30	30	28	39	37	27	31	40	45	45	43	40	37	24	24	31	33	31	28	27	27	32	45	50	42	37	31	29	42	34.4
Brinkley	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	....
	Minimum	38	23	20	22	33	30	40	29	37	41	47	50	42	31	35	29	26	30	30	41	34	29	29	40	49	51	46	42	38	31	43	35.7
Camden	Maximum	66	58	56	70	69	67	68	66	72	71	69	67	64	47	46	50	51	57	64	67	66	67	66	66	65	64	64	57	62	62	68	63.0
	Minimum	43	28	29	29	36	31	50	31	32	37	45	57	43	40	40	28	28	33	37	38	35	30	30	43	50	51	45	39	35	30	38	37.5
Clover Bend	Maximum	58	53	48	60	63	55	57	62	71	71	61	64	60	45	39	45	56	53	59	66	65	63	65	58	64	57	54	48	55	54	54	57.5
	Minimum	31	19	24	23	27	25	39	26	31	39	39	44	36	25	24	28	24	24	31	38	42	25	27	32	46	41	42	39	35	25	36	31.8
Conway	Maximum	62	59	49	68	62	54	63	67	70	68	62	65	57	47	44	45	46	48	67	63	65	65	59	62	60	58	57	55	56	54	58	58.5
	Minimum	39	23	34	25	30	31	42	30	32	41	48	54	43	40	39	27	29	28	34	37	33	30	30	39	49	49	44	43	34	28	42	36.4
Corning	Maximum	59	49	40	58	60	56	59	60	59	63	57	61	48	48	46	46	40	43	58	63	59	66	63	61	57	58	53	48	53	53	52	54.7
	Minimum	29	21	22	23	30	31	38	28	36	43	39	46	37	34	36	31	25	28	37	34	29	27	31	34	48	47	42	42	42	28	41	34.2
Crossett	Maximum	65	58	53	71	70	72	67	65	70	71	67	72	66	49	51	51	55	52	65	63	65	63	57	59	59	59	57	54	63	61	67	61.8
	Minimum	45	28	27	26	32	50	53	29	32	34	47	58	47	42	42	27	24	31	42	44	34	30	28	44	50	52	47	44	31	29	37	38.3
Dardanelle	Maximum	66	59	55	68	67	57	62	66	75	67	62	57	53	43	43	43	43	48	60	61	64	65	63	64	61	58	58	51	57	55	53	58.2
	Minimum	40	27	36	27	31	33	41	31	32	41	52	50	43	40	39	26	27	32	32	35	45	31	30	38	49	51	45	41	35	30	43	37.2
De Queen	Maximum	66	59	56	70	65	55	66	66	74	69	65	60	56	47	47	60	58	50	60	64	71	71	71	70	61	58	52	62	65	54	64	61.7
	Minimum	47	29	29	30	33	37	43	30	32	37	55	52	47	42	41	35	30	31	41	40	39	35	29	36	51	46	43	34	30	32	44	38.1
Devils Knob	Maximum	60	54	44	57	58	52	53	58	64	59	54	56	51	38	40	37	39	44	51	60	63	63	58	56	49	45	46	52	48	48	47	51.7
	Minimum	29	31	27	30	35	47	38	40	46	49	49	50	33	32	35	17	23	28	32	43	48	52	40	40	44	44	33	33	34	30	37	37.1
Dumas	Maximum	62	55	45	69	63	66	66	67	72	71	66	68	62	46	49	51	50	53	66	61	62	62	62	58	56	62	60	50	60	58	69	60.2
	Minimum	43	26	30	29	37	34	46	33	39	39	51	59	44	41	40	32	28	34	41	44	35	31	32	46	50	50	46	44	36	32	41	39.1
El Dorado	Maximum	67	56	57	70	67	70	72	67	72	71	68	69	66	52	50	51	53	52	69	67	64	62	67	67	65	60	62	62	59	64	67	63.4
	Minimum	46	30	31	33	44	40	43	36	40	40	42	45	47	42	39	28	28	39	40	41	38	31	36	37	40	52	40	41	39	39	45	39.1
England	Maximum	60	56	51	67	64	57	58	65	70	69	67	69	65	44	44	46	46	52	57	60	63	66	63	60	60	60	56	55	60	56	60	58.9
	Minimum	38	25	32	26	34	30	49	33	36	40	50	56	42	38	38	27	31	26	36	36	35	29	32	43	49	47	46	43	45	30	40	37.5
Eureka Springs	Maximum	55	49	41	64	63	64	59	66	72	63	44	47	40	35	39	37	40	46	59	65	68	68	66	68	56	53	45	41	54	58	54	54.2
	Minimum	25	27	25	28	33	43	36	40	49	40	38	39	32	32	34	20	19	29	35	40	35	39	38	38	46	44	34	33	30	28	40	34.5
Fayetteville	Maximum	62	51	46	60	59	60	56	61	68	64	48	48	41	38	41	35	39	46	55	59	62	62	63	64	59	55	50	44	50	56	56	53.5
	Minimum	27	25	28	34	28	42	35	32	45	43	41	40	33	33	33	21	21	31	37	32	29	29	28	34	46	47	34	32	32	26	43	33.6
Fayetteville Exp. S	Maximum	64	51	45	60	62	60	56	62	68	64	47	47	40	37	40	35	37	45	57	60	67	67	62	64	65	53	50	45	50	58	62	54.2
	Minimum	28	24	28	33	27	38	34	32	46	45	41	40	34	34	33	22	22	32	38	31	29	31	29	32	45	45	35	33	32	28	43	33.7
Fort Smith***	Maximum	54	55	47	66	61	62	60	67	75	64	48	47	45	44	42	40	38	43	59	56	63	65	62	68	61	60	49	49	57	49	55	55.2
	Minimum	37	31	33	30	35	40	41	33	35	46	44	42	41	40	27	26	27	35	36	32	33	35	37	41	48	46	40	38	34	36	44	36.9
Gilbert§§	Maximum	64	58	48	69	65	63	60	71	73	61	52	58	50	38	43	43	40	48	62	67	64	68	63	64	54	56	48	53	55	54	57	57.1
	Minimum	29	14	14	25	20	20	28	20	22	22	35	42	34	32	32	23	15	18	24	24	21	20	18	33	35	45	36	34	24	18	18	25.6
Grannis	Maximum	64	60	58	68	68	53	63	65	71	68	61	60	57	45	45	47	51	52	56	71	70	71	65	65	63	57	57	60	60	57	60	60.3
	Minimum	37	25	29	26	35	38	43	30	36	38	51	50	42	37	38	20	24	30	36	41	37	41	32	37	47	49	38	37	32	34	40	36.5
Gravette§§	Maximum	45	49	39	60	61	62	59	64	70	65	46	49	41	38	40	35	40	47	58	62	67	65	63	67	58	55	50	45	50	57	57	53.7
	Minimum	26	22	26	22	23	39	32	30	42	37	36	35	32	32	30	19	18	29	35	29	27	29	33	33	44	38	33	31	28	27	41	30.9
Green Mountain	Maximum	62	55	47	63	57	52	55	64	69	63	56	58	54	35	40	39	38	43	59	61	62	59	63	59	60	52	52	46	51	50	47	53.9
	Minimum	28	27	24	25	34	43	43	39	46	46	42	46	34	32	32	24	20	27	32	43	39	42	43	44	46	47	38	35	35	30	35	36.2
Harrison	Maximum	47	52	44	65	56	65	59	64	70	62	50	55	44	43	40	42	40	42	55	59	59	62	58	64	55	52	52	46	49	52	50	53.3
	Minimum	28	21	26	28	28	34	38	28	40	44	43	44	35	34	34	24	23	27	32	31	28	28	26	30	49	48	36	35	35	23	42	33.0
Helena	Maximum	59	54	45	63	60	60	61	62	69	66	64	65	63	44	62	50	46	51	61	56	59	65	61	61	56	61	58	47	58	55	64	58.3
	Minimum	36	22	28	25	32	37	49	31	40	41	51	58	42	38	38	31	24	32	41	39	31	31	38	48	48	50	44	40	36	30	43	37.9
Highland	Maximum	63	75	53	74	65	55	64	63	71	68	61	60	52	45	44	47	51	48	63	69	68	65	64	63	63	60	55	57	60	54	64	60.1
	Minimum	41	25	29	27	40	37	45	28	41	41	49	50	39	36	35	22	26	30	35	43	37	37	37	40	46	37	41	35	32	32	39	36.5
Hope §§ ‡‡	Maximum	56	59	53	69	63	65	64	64	72	69	63	59	52	42	48	48	49	47	64	68	65	65	65	62	64	54	52	55	60	56	63	59.1
	Minimum	49	30	30	29	39	36	41	32	33	40	43	55	51	40	40	27	27	29	36	39	39	32	32	34	41	46	46	38	35	32	36	37.3
Hot Springs	Maximum	62	55	46	65	55	50	60	62	69	66	59	63	63	47	44	44	46	48	61	63	63	65	63	62	60	59	55	51	56	54	59	57.3
	Minimum	40	26	33	29	33	35	43	33	39	46	48	55	46	39	38	26	29	32	39	37	36	34	33	42	50	51	45	42	33	32	39	38.2

Daily Temperatures for December, 1940 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
ons Fork.....§§‡‡	Maximum	54	59	52	64	64	60	59	51	69	63	58	58	43	42	42	41	46	44	62	61	66	65	62	64	62	53	44	50	55	51	59	55.6
	Minimum	35	19	24	27	25	30	40	26	29	41	49	51	40	35	36	17	23	27	32	31	29	29	27	31	46	47	40	35	38	27	36	33.0
onesboro	Maximum	58	54	48	63	61	60	59	61	69	66	58	65	61	42	46	45	42	44	61	63	60	65	62	56	54	57	54	47	55	53	58	56.4
	Minimum	32	23	23	23	34	29	44	31	39	46	39	48	38	34	34	27	26	27	37	40	35	30	34	39	47	49	43	38	38	30	38	35.3
ead Hill..........	Maximum	60	39	39	48	48	58	60	48	74	61	49	51	45	39	42	44	36	40	47	42	42	46	62	52	57	55	55	51	51	49	49	49.6
	Minimum	28	18	26	32	21	24	28	23	25	33	42	43	35	34	35	25	21	22	28	27	23	23	22	27	48	47	38	36	35	21	42	30.1
ittle Rock..* **	Maximum	59	56	44	65	61	57	58	62	69	66	65	64	54	41	44	44	45	47	60	62	61	60	62	58	58	57	53	52	56	50	58	56.4
	Minimum	37	30	31	29	43	41	45	37	39	47	54	54	40	38	37	28	32	33	40	39	42	38	39	48	49	49	43	43	38	35	45	40.1
ittle Rock.....*** [Airway]	Maximum	60	57	42	66	63	57	61	63	71	68	65	66	55	42	45	46	46	47	59	62	62	62	63	58	59	58	53	53	59	51	58	57.3
	Minimum	33	27	29	25	36	32	42	33	38	38	49	54	40	39	38	28	31	32	38	37	36	32	32	44	47	49	44	44	37	31	41	37.3
utherville........	Maximum	65	55	47	61	62	60	62	61	73	67	61	57	49	41	43	40	38	40	60	58	64	66	63	62	55	56	54	50	56	50	48	55.6
	Minimum	35	25	31	25	34	35	42	33	38	44	51	45	39	37	37	22	24	30	33	38	37	36	34	40	39	50	40	39	33	29	42	36.0
agnolia..........	Maximum	66	59	57	70	67	69	68	67	73	72	69	70	62	48	46	50	55	51	70	68	69	67	69	63	66	59	55	56	62	58	68	62.9
	Minimum	48	30	32	34	44	44	53	34	41	40	54	53	46	42	42	27	27	35	40	42	38	34	36	48	51	53	47	38	35	35	45	40.9
ammoth Spring.	Maximum	60	50	45	60	59	55	58	65	71	65	55	57	53	38	42	38	38	43	60	60	64	65	66	60	56	54	46	45	51	52	46	54.1
	Minimum	30	18	24	24	26	24	26	25	28	33	43	45	36	34	33	28	23	24	31	33	26	25	26	30	45	43	41	28	35	25	40	30.7
arianna...	Maximum	60	53	44	68	63	59	61	62	70	68	66	68	62	44	57	48	44	53	61	56	58	62	62	61	..	61	57	47	57	53	65	58.3
	Minimum	38	24	30	27	34	28	49	32	41	41	48	60	43	39	39	32	27	34	40	40	32	28	30	45	..	50	46	42	39	30	44	37.7
arked Tree....§§	Maximum	45	55	31	63	61	62	57	61	68	67	66	67	43	42	61	43	42	50	58	57	58	65	62	60	54	58	49	46	53	51	61	55.4
	Minimum	33	21	24	22	29	28	34	29	29	29	29	43	39	34	34	27	25	27	29	36	34	27	29	32	40	47	46	39	38	27	29	31.9
ena..............	Maximum	60	59	54	65	63	55	59	62	70	65	58	54	50	42	43	43	47	42	61	66	67	69	66	68	63	56	52	56	57	52	60	57.5
	Minimum	39	26	29	32	34	48	46	32	40	47	53	48	42	38	35	22	26	31	37	38	35	36	33	43	46	49	38	36	37	32	42	37.7
onticello......***	Maximum	63	56	46	68	64	68	62	65	70	71	67	69	60	44	49	49	51	52	66	62	63	61	63	57	57	60	55	51	60	58	68	59.8
	Minimum	36	29	31	30	42	41	38	36	41	44	52	60	42	41	41	29	29	37	42	44	34	39	41	49	49	51	44	41	33	38	45	40.3
orrilton ....§§	Maximum	53	58	41	69	65	57	65	66	73	70	60	61	44	42	49	43	44	48	64	62	65	67	65	63	62	57	52	53	52	51	60	57.5
	Minimum	38	24	25	26	28	28	33	28	29	33	44	51	41	38	36	25	26	28	32	32	31	27	28	29	43	47	44	38	34	27	28	32.9
ountain Home...	Maximum	65	50	40	67	62	61	58	69	74	60	53	54	48	38	40	41	38	44	58	62	65	68	64	62	65	55	54	54	52	50	60	55.8
	Minimum	27	20	23	26	27	30	38	27	31	38	41	38	36	33	34	25	23	25	33	29	29	28	29	33	33	48	37	37	34	25	38	31.5
t. Ida	Maximum	65	63	50	68	66	53	65	67	72	68	60	64	56	43	44	47	46	47	67	69	69	68	64	65	63	60	56	56	60	53	61	59.8
	Minimum	41	19	23	24	26	25	38	24	26	43	45	54	41	38	39	22	24	26	32	32	27	25	24	30	45	51	43	40	28	26	35	32.8
ashville..........	Maximum	61	58	53	70	62	62	65	65	73	67	70	62	59	46	45	49	50	48	63	69	67	65	63	63	65	58	55	57	60	54	63	60.2
	Minimum	42	31	31	29	36	38	45	32	35	40	55	56	44	40	40	26	30	36	40	49	37	35	35	40	50	51	43	36	32	35	45	39.2
ewport...........	Maximum	68	52	55	63	74	56	60	62	70	69	63	66	63	42	48	45	42	46	61	63	61	65	64	60	55	58	55	48	57	52	58	58.1
	Minimum	35	23	27	26	36	29	43	28	36	47	43	50	40	36	37	28	27	28	34	35	31	27	29	38	48	51	44	41	35	28	39	35.5
den......... ..***	Maximum	60	61	51	66	65	58	60	63	71	65	58	60	47	40	43	42	45	45	62	64	65	66	62	65	61	56	52	52	56	50	59	57.1
	Minimum	33	30	27	27	30	35	46	29	33	47	49	46	40	37	23	20	27	30	36	33	31	28	29	34	48	50	43	37	34	33	43	35.1
kay	Maximum	66	60	55	71	67	64	67	66	73	73	62	61	58	48	45	50	50	50	62	70	68	67	65	64	63	61	55	58	63	55	64	61.3
	Minimum	48	30	28	30	33	37	51	32	32	40	54	53	46	41	42	27	30	36	40	41	36	35	30	38	51	52	49	36	34	34	44	39.0
zark............	Maximum	65	55	48	65	63	60	62	62	71	64	62	56	50	45	44	40	39	45	58	66	62	64	62	62	65	60	58	50	57	52	54	57.0
	Minimum	35	25	33	30	29	33	36	39	31	37	47	44	41	39	37	22	24	31	35	30	30	29	31	47	34	48	40	35	31	29	47	34.8
aragould....... .	Maximum	58	49	47	58	56	57	57	56	65	62	58	65	62	41	49	48	40	44	57	55	55	60	60	59	56	57	55	47	51	51	57	54.6
	Minimum	32	22	22	23	35	27	45	29	33	41	38	47	39	35	36	30	27	28	38	38	32	28	31	36	48	49	43	41	41	29	38	34.9
ine Bluff........	Maximum	62	57	44	68	63	57	63	65	72	69	68	65	61	44	45	47	47	52	59	61	60	62	63	59	59	60	57	51	60	57	65	58.8
	Minimum	41	29	33	29	40	35	45	33	38	46	51	58	42	40	40	29	31	36	39	40	37	33	36	44	50	50	47	45	37	35	45	39.8
ocahontas.......	Maximum	57	50	50	57	60	59	59	60	68	65	60	65	59	40	54	45	41	41	57	65	62	64	62	59	56	58	54	48	54	51	50	55.8
	Minimum	30	20	22	25	27	25	41	27	30	40	40	44	36	33	34	29	23	25	35	29	29	27	31	36	47	49	41	38	36	25	37	32.6
ortland	Maximum	63	54	50	70	62	71	69	66	72	72	68	74	68	49	52	51	51	57	64	59	63	61	58	58	58	62	58	53	61	60	69	61.4
	Minimum	44	27	28	25	39	31	52	32	32	36	45	56	54	40	40	29	25	30	42	42	34	32	33	45	48	48	49	42	35	30	40	38.2
escott............	Maximum	65	58	52	70	66	63	64	65	70	66	63	60	58	45	46	48	49	50	66	66	65	65	66	63	66	63	56	58	61	55	65	60.4
	Minimum	45	30	32	30	38	37	51	34	43	49	52	54	45	41	38	27	31	35	39	39	38	35	35	44	51	52	46	39	35	34	44	40.1
ogers	Maximum	60	50	45	61	61	60	58	64	70	65	45	45	40	36	38	34	38	45	58	61	65	65	65	66	59	55	50	44	50	59	57	53.8
	Minimum	26	20	27	30	24	33	31	28	40	41	40	40	33	33	34	21	20	31	36	30	26	27	26	29	47	47	34	33	30	24	42	31.7
ussellville......‡‡	Maximum	60	59	56	67	66	64	63	65	74	73	70	58	53	43	43	43	47	51	62	62	66	70	66	65	62	58	57	52	58	54	54	59.4
	Minimum	38	24	34	28	28	29	39	38	30	33	35	48	41	39	39	26	27	27	29	32	31	29	28	35	49	50	44	40	33	27	43	34.6
. Charles ......§§	Maximum	51	53	40	66	62	64	60	62	69	67	65	65	46	46	49	45	47	55	63	57	61	64	64	58	55	62	52	50	58	58	66	57.4
	Minimum	41	26	29	29	36	34	43	32	39	43	48	57	45	39	39	31	28	34	37	43	33	31	32	40	49	50	51	42	38	31	37	38.3
earcy	Maximum	60	58	48	65	64	55	62	64	70	69	67	67	60	42	45	45	44	47	64	59	64	67	64	62	55	57	56	50	59	55	60	58.2
	Minimum	36	24	31	24	30	28	44	30	33	40	44	55	40	37	37	27	26	28	34	35	35	29	31	39	48	49	44	41	33	29	37	35.4
uttgart	Maximum	60	54	43	68	65	60	61	63	70	69	68	63	60	45	46	46	46	50	58	52	60	63	63	58	57	61	57	49	59	54	63	57.8
	Minimum	39	26	31	31	33	32	48	32	36	37	38	58	42	39	39	29	27	33	38	41	36	32	34	45	49	49	45	42	34	32	40	37.6
uttgart . ....‡‡§§	Maximum	51	54	60	61	62	61	60	62	68	67	66	64	45	43	46	44	46	52	60	49	..	63	64	59	57	61	53	48	52	55	64	56.6
	Minimum	40	26	29	28	32	31	41	32	36	39	39	52	44	39	39	30	28	33	35	42	36	..	32	43	49	47	50	42	33	31	33	37.0
biaco	Maximum	69	57	53	59	65	61	61	63	74	68	62	56	48	43	42	40	40	46	58	57	63	67	64	68	62	58	55	47	55	52	57	57.1
	Minimum	38	27	33	26	29	35	39	33	34	41	47	45	40	38	38	25	27	30	31	31	30	32	33	38	47	49	42	37	37	31	42	35.6
exarkana	Maximum	60	60	60	71	67	67	66	68	75	73	63	63	58	47	45	52	52	47	59	70	69	68	68	67	64	58	52	62	65	66	68	62.3
	Minimum	49	32	32	37	43	45	51	36	40	46	52	53	53	42	41	28	30	38	41	42	39	36	36	43	43	52	45	37	37	40	42	41.3
ornburg	Maximum	64	58	45	67	65	55	60	64	71	67	60	65	55	40	42	43	46	51	65	63	66	66	64	65	61	55	55	53	56	53	58	58.0
	Minimum	32	18	28	30	35	29	43	25	28	37	45	54	39	38	37	25	28	26	36	30	27	24	22	30	45	49	43	37	37	23	42	33.6
rnpike..........	Maximum	60	53	46	59	59	51	56	59	67	62	56	59	49	57	41	39	42	44	56	62	64	64	60	58	52	48	48	55	50	51	48	53.4
	Minimum	28	30	25	25	35	40	40	40	46	47	48	48	32	31	33	18	25	27	33	44	43	47	46	44	44	45	34	35	36	30	38	36.7
aldron	Maximum	73	65	57	69	67	62	62	69	74	70	65	61	55	46	45	44	43	46	..	67	68	70	65	70	62	60	58	51	58	53	62	60.6
	Minimum	38	23	26	30	28	30	39	27	30	42	46	45	40	39	37	23	24	27	..	30	30	27	26	30	45	50	39	36	39	29	44	34.0
arren	Maximum	65	56	48	68	64	58	68	65	72	70	70	66	65	47	48	50	51	52	68	62	64	63	64	58	61	60	57	52	60	62	70	60.8
	Minimum	46	27	30	29	40	35	51	47	36	39	47	58	45	40	40	23	28	46	48	43	35	32	34	45	41	49	46	44	47	32	44	40.4
hite Rock	Maximum	59	55	44	59	66	52	55	60	65	60	53	53	52	39	42	35	40	43	54	60	62	65	57	59	53	51	47	54	50	47	50	52.9
	Minimum	29	30	30	29	38	41	41	38	47	49	48	36	34	34	35	16	24	30	33	42	46	45	46	44	45	45	33	32	36	35	38	37.1
ilson	Maximum	52	54	47	60	59	60	59	60	68	66	66	65	62	60	62	54	46	50	57	53	56	59	59	59	61	59	53	54	56	52	60	57.7
	Minimum	33	19	22	20	29	30	42	29	46	45	50	53	40	35	39	29	24	26	30	35	32	29	40	38	39	42	43	42	39	27	44	35.2
ynne	Maximum	58	56	52	65	63	68	61	62	70	69	68	69	65	42	50	48	44	50	59	59	58	64	58	60	56	59	58	47	58	59	63	58.6
	Minimum	36	21	28	24	28	33	43	29	38	41	45	57	40	36	35	28	23	29	37	38	33	26	31	45	47	49	51	39	37	26	41	35.9

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for December, 1940

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
pe, ...§§ Exp. Farm	Evap.	.042	.130	.072	.077	.123	.117	.123	.129	.098	.112	.069	.020	...	.038	.010	....	.019	.012	.088	.022	.068	.080	.070	.080	.070	....	....	.060	.048	.102	.071	2.239
	Mean tem.	52	44	42	45	51	50	52	48	52	54	53	57	52	41	42	38	38	38	50	54	52	48	48	48	52	50	49	46	48	44	50	48.2
	Wind move	61	73	22	29	69	29	46	35	27	36	29	38	47	94	83	76	55	25	22	21	10	22	17	31	40	62	190	91	57	49	51	1537
ns Fork,.. §§ Exp. Forest	Evap.	.039	.047	.019	.013	.020	.020	.023	.040	.019	.058	.000	.000	.022	.001	.000	*	*	.025	.004	.017	.012	.020	.024	.033	.029	.026	.048	.016	022	.033	.024	.654
	Mean tem.	44	39	38	46	44	45	48	38	49	52	54	54	42	38	39	29	34	36	47	46	48	47	44	48	54	50	42	42	46	39	48	44.3
	Wind move	16	5	3	13	10	13	15	3	4	35	5	1	5	11	4	8	12	6	12	5	3	0	2	6	16	20	43	19	19	6	30	338
ssellville.... ark Nursery.	Evap.	.064	.116	.056	.016	.060	.050	.062	.078	.076	.051	.055	034	.018	014	.015	.075	.022	.014	.024	.028	.032	.006	.066	.054	.044	.034	.052	052	.084	.048	.040	1.434
	Mean tem.	49	42	45	48	47	46	51	52	52	53	52	53	47	41	41	34	37	39	46	47	48	50	47	50	56	54	50	46	46	40	48	47.0
	Wind move	52	8	21	20	12	16	20	15	18	5	9	28	38	27	27	108	29	6	9	18	8	10	0	13	32	55	105	99	55	9	11	883
ttgart, ...§§ e Exp. Farm	Evap.	.041	*	*	.133	.063	.050	.010	.056	.047	.085	.036	.010	.027	.036	.000	....	*	.087	.020	.008	.001	*	.086	.055	.003	.015	.059	.025	.011	*	.123	1.12
	Mean tem.	46	40	44	44	47	46	50	47	52	53	52	59	44	41	42	37	37	42	48	46	....	....	48	51	53	54	52	45	42	42	48	46.8
	Wind move	111	64	35	89	46	8	58	18	21	77	35	88	47	106	61	119	110	24	28	6	4	*	29	18	66	64	160	130	50	74	76	182

Daily Precipitation for December, 1940 Hydrologic Stations

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alicia[1] ‡	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Antoine(near)[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Beaty Lake(near)	St. Francis	....	....	....	....	....	....	1.15	....	....	.12	.46	....	....	....	1.25	.38	....	....	.39	....	....	....	....	.13	....	....	.79	.11	....	....	....	4.78
Beedeville[2]	White	....	....	....	....	....	....	.83	....	....	....	....	.30	.19	.01	....	1.58	....	....	.10	....	....	....	....	....	.03	....	.63	.07	....	....	....	3.74
Blue Mountain[2]	Arkansas	....	....	....	....	....	....	.15	....	....	....	*	1.50	....	.70	....	.80	....	....	.20	....	....	....	....	....	....	....	.60	....	....	....	.10	4.05
Briggsville[1] ‡	Arkansas	....	....	....	....	....	.20	....	....	....	....	1.15	.05	.02	.04	.55	....	....	.24	....	....	....	....	....	....	....	....	.52	....	....	....	....	2.77
Cabot[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Carlisle[2]	Arkansas	....	....	....	....	....	....	.96	....	....	....	....	.15	.31	....	....	.71	....	....	.22	....	....	....	....	....	....	....	.71	.06	....	....	....	3.12
Carpenter Dam[1]	Ouachita	....	....	....	....	....	.90	.02	....	....	....	.21	.09	.01	....	.70	....	....	.26	....	....	....	....	....	....	....	....	.30	....	....	....	....	2.49
Clarksville[1] ‡	Arkansas	....	....	....	——	——	——	——	....	....	....	1.78	....	....	.05	.66	....	....	.17	....	....	*	*	*	*	*	*	*	*	*	*	*	......
Clay SCS 2	Arkansas	....	....	....	....	....	....	.45	....	....	....	....	.95	....	.27	....	.60	....	....	.23	....	....	....	....	....	....	....	....	.58	....	....	....	3.08
Compton[1] ‡	White	....	....	....	....	....	....	....	....	....	....	1.10	.04	.06	.40	.60	....	....	.13	....	....	....	....	....	....	....	*	*	.40	....	*	.95	......
Denmark[2]	White	....	....	....	....	....	....	.54	....	....	....	....	.61	.12	....	.03	.75	....	....	.25	....	....	....	....	....	.03	....	.78	.11	....	....	....	3.22
Dermott[2]	Mississippi	1.17	....	....	....	....	....	1.60	....	....	....	....	.11	1.38	.05	.05	.25	....	....	....	....	....	....	....	....	.01	....	.92	.03	....	....	....	5.57
Eleven Point[2]	White	....	....	.02	....	....	....	.30	....	....	....	....	.70	.30	....	.02	.66	....	....	.06	....	....	....	....	....	.08	....	.32	.26	....	....	....	2.72
Evening Shade[2]	White	....	....	....	....	....	....	.31	....	....	....	....	.66	.16	.02	.01	.53	....	....	.11	....	....	....	....	....	.01	....	.27	.15	....	....	....	2.23
Foreman[1] ‡	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Forrest City[1]	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Green Forest[2]	White	....	....	....	....	....	....	....	....	....	....	....	.70	....	.30	.70	.44	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.20	3.34
Greenwood[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	1 57	.09	.07	.25	.68	....	....	.04	....	....	....	....	....	....	.03	.24	.03	....	....	.24	3.24
Hardy[1] ‡	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Harrisburg[2]	St. Francis	....	....	....	....	....	....	.97	....	....	....	....	.45	.25	....	....	1.70	....	....	.20	....	....	....	....	....	....	....	.50	.18	....	....	....	4.25
Huntsville[2] ‡	White	....	....	....	....	....	....	....	....	....	....	.95	.02	.20	.29	.49	....	....	.11	....	....	....	....	....	....	....	....	.06	....	....	.09	1.42	3.63
Jacksonville[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
LaCrosse[2]	White	....	....	....	....	....	....	.03	....	....	....	....	.82	.11	.08	.12	.31	....	....	.13	....	....	....	....	....	....	....	*	.33	....	....	.18	2.11
Lake City[2]	St. Francis	....	....	....	....	....	....	.74	....	....	....	....	.60	.01	....	....	2.00	....	....	.04	....	....	....	....	....	.02	....	1.15	.09	....	....	....	4.65
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Mountain View[2]	White	....	....	....	....	....	....	.07	....	....	....	....	.87	.14	.09	.04	.08	....	....	.11	....	....	....	....	....	....	....	.84	.42	....	....	....	2.66
Newhope(near)[2]	Ouachita	....	....	....	....	....	....	.59	....	....	....	....	*	.85	*	1.02	....	....	....	.46	....	....	....	....	....	....	.46	....	....	....	....	....	3.38
Nimrod[2] ‡	Arkansas	....	....	....	....	....	.29	....	....	....	....	.60	.03	.01	....	.40	....	....	.26	....	....	....	....	....	....	....	....	.34	....	....	....	.13	2.06
Odell (near)	Arkansas	....	....	....	....	....	....	.02	....	....	....	....	1.23	.08	*	*	1.40	....	....	.03	....	....	....	....	....	....	....	.03	....	....	....	.98	3.77
Parthenon[2] ‡	White	....	....	....	....	....	....	....	....	....	....	——	——	.07	.45	.52	....	....	.05	....	....	....	....	....	....	....	....	.61	....	....	....	.68	......
Pottsville[2]	Arkansas	....	....	....	....	....	.96	....	....	....	....	1.05	.06	....	....	.59	....	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	3.66
St. Paul[2]	White	....	....	....	....	....	....	....	....	....	....	.10	.95	.14	.24	.51	.45	.02	....	....	....	....	....	....	....	....	....	.13	....	....	....	.35	2.89
Shirley[2]	White	....	....	....	....	....	....	.27	....	....	....	....	.82	.17	.05	....	.45	....	....	.13	....	....	....	....	....	....	....	.37	....	....	....	....	2.26
Solgahachie[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Sparkman[2]	Ouachita	.13	....	....	....	....	....	1.29	....	....	....	....	.47	1.56	.03	.02	.82	....	....	.15	....	....	....	....	....	....	....	1.00	02	....	....	....	5.49
Tichnor[2]	White	.31	....	....	....	....	....	1.05	....	....	....	....	.24	1.03	....	....	1.01	....	.34	....	....	....	....	....	....	.02	....	.64	.08	....	....	....	4.75
Vick[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Wheeling[1] ‡	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Winfrey[1] ‡	Arkansas	....	....	....	....	....	.05	....	....	....	....	1.34	.03	.10	.15	.92	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	.18	.67	3.47

Daily River Stages for December, 1940

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.8	10.1	9.0	8.5	8.2	7.8	7.4	7.2	7.2	7 1	6.6	6.3	6.3	7.2	7.4	9.4	11.1	11 6	10.6	8.8	8.0	7.4	7.3	6.8	6.6	6.4	6.3	6.2	6.1	6.4	6.4
Van Buren	do	22	11.8	10.0	8.5	8.0	7.6	7.0	6.6	6.2	6.2	6.0	5.8	5.2	5.2	6.2	6.4	8.8	10.7	11.0	10.3	8.4	7.3	6.8	6.4	6.0	5.8	5.4	5.4	5.1	4.9	5.0	5.2
Mulberry	Mulberry	18	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.5	3.1	2.5	2.6	4.7	3.6	2.9	2.6	2.4	2.2	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.6	1.5
Danville	Petit Jean	20	4.5	4.5	4.2	4.1	3.7	3.6	3.5	3.4	3.3	3.2	3.2	4.0	11.0	12.3	9.6	10.0	16.4	16.1	11.9	9.7	8.4	7.2	6.7	5.9	5.3	5.3	5.2	6.8	9.2	8.4	7.0
Ozark	Arkansas	22	7.7	6.4	4.9	4.0	3.5	3.2	2.7	2.4	2.2	2.1	2.0	1.7	1.7	2.5	2.6	4.1	6.2	6.9	6.7	5.3	4.0	3.3	2 8	2.5	2.1	1.9	1.7	1.6	1.5	1.4	1.4
Dardanelle	do.	22	12.1	10.5	9.0	7 6	6.8	6.4	6.0	5.5	5.1	5.0	4.7	5.1	6.2	5.9	6.1	6.8	8.5	10.0	10.4	9.8	8.2	7.0	6.3	5.8	5.4	5.0	4.7	4.9	4.6	4.3	4.1
Morrilton	do.	20	9.7	8.0	6.6	6.0	3.6	3.1	2.6	3.0	1.5	1 1	0.8	0.8	3.0	2.4	2.7	2.9	4.2	6.2	7.2	7.2	6.0	4.4	3.3	2.6	2.0	1.5	1.0	1.1	1.0	0 8	0.5
Little Rock	do.	23	10.8	9.3	7.9	6.7	5.3	4.4	3.9	3.5	3.1	2.7	2.4	2.3	2.3	3.4	3.8	4.1	4.3	4.6	7.2	7.8	7.6	6.5	5.1	4.2	3.6	3.2	2.9	2.6	2.6	2.6	2.4
Pine Bluff	do.	25	14.3	13.8	12.8	10.9	9.8	8.5	7.7	6.9	6.5	6.1	5.7	5.5	5.4	5.5	6.5	6.9	7.6	7.7	9.5	10.9	11.4	10.8	9.6	8.4	7.5	6 7	6.3	6.0	5.8	5.8	5.7
Gilbert	Buffalo	30	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.5	5.6	5.1	5.1	5.8	6.1	5.4	4.8	4.6	4.4	4.2	4.2	4.1	4.1	4.0	4.0	4.2	4.4	4.4	4.2
Doniphan, Mo.	Current	10	3.3	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.7	2.7	2.8	2.9	3.0	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.7	2.8	3.0	3.1	3.1	3.1
Black Rock	Black	14	3.0	2.8	2 6	2.5	2.4	2.3	2.6	2.3	2.0	2.0	1.9	2.0	2.4	2.4	2.6	3.5	4.0	4.4	4.7	4.6	4.4	4.2	3.9	3.8	3.7	3.6	3.6	3.8	3.9	3.7	3.5
Heber Springs	Little Red	30	5.7	5.3	5.0	4.6	4.4	4.2	4.3	4.2	4.0	3.9	3.8	4.0	5.6	7.6	7.0	6.9	7.3	7.4	6.8	6 4	6.1	5.7	5.4	5.2	5.0	4.9	4.8	4.8	7.3	6.6	6.1
OzarkBeachMo	White	30	3.5	2.2	2.0	1.2	1.6	1.1	0.2	-0.7	-0.7	-0.7	0.2	-0.5	-0.7	1.7	2.0	4.8	6.2	7.0	6.4	5.2	4.7	4.6	4.5	1.4	1.2	1.6	2.2	2.1	-0.7	0.6	-0.6
Cotter	do	21	4.6	4.5	4.4	3.8	3.5	3.7	3.7	3.6	2.5	2.4	2.2	2.5	3.1	2.8	4.0	5.3	6.7	7.3	7.7	7.2	6.2	5.5	5.3	5.2	4.4	4.0	3.8	4.3	4.0	4.2	3.9
Calico Rock	do	18	3.8	2.7	3.3	2.5	2.3	2.3	2.2	2.2	2.1	1.3	1.5	1.1	2.2	3.0	3.1	4.3	6.0	6.9	6.9	7.0	6.0	5.2	4.7	4.5	4.0	3.0	2.7	2.1	3.1	2.9	2.7
Batesville	do	23	8.3	8.1	7.9	7.6	6.7	6.4	6.3	6.3	6.1	6.0	5.3	5.8	6.0	6.2	7.2	7.6	9.5	11.4	11.9	12.1	11.6	10.5	9.6	9.1	8.9	8.2	7.4	7.6	8.0	7.9	7.6
Newport	do	26	4.5	4.3	4.0	3.7	3.1	2.5	2.2	2.1	2.1	1.9	1.5	1.2	0.9	0.8	0.8	3.1	4.2	6.2	8.1	8.9	9.5	8.7	7.6	6.8	6.0	5.6	4.8	4.7	4.6	4.6	4.4
Georgetown	do	21	6.8	6.7	6.4	6.0	5.7	5.5	4.7	4.3	4.0	3.8	3.6	3.3	3.2	3.5	4.2	4.8	5.7	6.5	8.1	9.7	10.7	11 3	11.2	10.5	9.8	9.0	8.5	8.0	7.6	7.6	7.7
Des Arc	do	24	10.1	10.1	10.0	9.6	9.1	8.6	8.0	7.6	7.3	7.0	6.8	6.6	6.3	6.3	6.7	7.5	8.4	9.1	10.0	11.5	12.8	13.5	13.8	14.0	13.0	12.2	11.6	11.1	10.6	10.4	10.4
Clarendon	do	26	13.2	13.6	13.7	13.7	13.5	13.2	12.9	12.5	12.1	11.8	11.5	11.3	11.1	10.8	10.8	11.5	12.2	12.8	13.5	14.5	15.7	16.6	17.3	17.7	17.8	17.7	17.3	17.0	16.7	16.3	16.0
St. Charles	do	25	12.6	13.0	13.3	13.3	13.3	13.0	12.9	12.5	12.2	11.9	11.6	11.4	11.3	11.1	10.9	11.4	11.9	12 5	13.0	13.8	14.6	15.6	16.3	16.8	17.0	17.1	17.0	16.8	16.5	16.2	15.8
Glenwood	Caddo	..	5.5	5.4	5.4	5.3	5.2	5.2	5.4	5.2	5.2	5.2	5.2	6.0	6.0	5.8	5.7	6.4	6.1	6.0	5.8	5.7	5.6	5 5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3
Arkadelphia	Ouachita	17	9.7	7.7	8.0	7.9	7.9	7.8	8.0	8.3	7.7	8.1	8.0	8.0	8.4	8.5	8.3	9.7	9.6	9.5	8.9	8.8	8.4	8.2	7.8	8.2	7.7	7.4	8.1	8.1	7.8	7.1	7.9
Boughton	Little Mo.	20	8.6	7.9	7.2	6.7	6.3	6.0	7.2	9.1	9.2	7.8	6.8	6.5	8.1	10.2	10.0	11.2	13.2	13.6	11.9	10.5	9.8	8.8	8.1	7.6	7.2	6.9	7.8	9.4	10.2	9.0	7.2
Camden	Ouachita	26	22.2	21.3	19.6	16.3	13.8	12.3	11.4	12.2	14.6	15.4	15.2	14.7	14.5	15.7	17.4	18.5	19.6	20.7	21.2	21.0	20.4	19.9	18.6	16.8	15.0	13.7	12.9	13 5	15.2	16.4	16.7
Benton	Saline	20	6.6	6.4	6.2	5.9	5.8	5.6	6.2	7.0	6.8	6.4	6.2	6.1	6.7	7.0	6.8	8.2	8.3	7.6	7.4	7.6	7.2	6.9	6.7	6.4	6.3	6.0	6.0	6.2	6.3	6.2	6.0
Whitecliffs	Little River	25	19.2	16.5	14.7	12.0	9.0	7.0	4.0	4.8	5.0	4.5	4.3	4.3	12.7	18.2	19.7	21.6	22.7	25.9	24.1	23.5	21.8	19.6	16.0	13.1	10.4	8.2	9.4	14.0	14.4	13.1	11.2
Index	Red	25	15.1	13.8	12.5	11.4	10.6	10.1	9.8	9.6	9.4	9.2	9.0	8.7	9.9	12.2	12.5	12.6	14.6	15.4	15.0	14.5	12.7	11.8	11.1	10.7	10.1	9.9	10.2	12.8	15.4	15.2	14.8
Fulton	do	25	18.4	17.2	15.5	13.6	11.8	10.3	9.1	9.4	9.1	8.8	8.5	8.1	8.8	12.4	13.7	14.5	16.1	17.6	17.9	17.2	16.2	15.4	14.4	13.2	11.9	10.5	10.8	12.7	16.1	16.7	15.5
Big Lake Outlet	St. Francis	10	3.4	3.5	3.5	3.4	3.5	3.4	3.7	3.7	3.5	3.2	3.3	3.3	3.4	3.5	3.5	3.9	4.0	4.3	5.0	5.6	6.0	6.0	5.9	5.7	5.5	5.3	5.3	5.5	5.4	5.6	6.0
St. Francis	do	18	4.2	5.2	5.5	5.5	5.4	5.2	4.9	4.7	4.4	4.3	4.2	4.2	4.1	4.1	4.2	9.4	10.5	10.3	10.3	10.0	10.6	10.7	10.5	9.9	9.4	9.8	9.0	9.1	9.3	9.3	8.3
St. Francis L.L.	do	..	18.2	18.0	17.9	17.5	17.7	18.1	18.0	17.9	17.7	17.7	17.7	17.5	18.0	18.0	17.8	18.1	17.6	18.1	18.1	18.2	18.1	18.3	18.5	18.6	18.7	18.7	18.8	18.9	18.9	18.9	19.0
Marked Tree	do	17	3.1	3.6	3.7	3.6	3.0	2.3	3.4	3.7	3.7	3.7	3.5	3.5	2.7	3.5	3.7	3.9	4.9	5.0	5.0	5.4	5.7	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.4	6.4	6.4
Parkin	do	28	1.9	2.2	3.0	3.1	3.1	2.8	2.5	2.9	3.2	3.2	3.2	3.1	3.2	2.8	2.9	3.6	3.7	4.1	4.1	4.3	4.6	4.9	5.1	5.2	5.2	5.4	5.5	5.5	5.6	5.6	5.7
Madison	do	32	0.3	0.2	0.5	0.9	1.1	1.3	1.4	1.1	1.0	1.3	1.4	1.4	1.5	1.4	1.1	2.1	1.5	2.5	2.6	2.6	2.5	2.6	2.7	2.9	3.0	3.0	3.3	3.3	3.3	3.3	3.4
Helena	Mississippi	42	4.8	5.3	6.0	6.9	7.6	8.0	8.1	8.3	8.4	8.4	7.7	6.4	5.7	5.5	5.6	6.1	7.2	7.9	8.3	8.6	8.9	9.5	10.4	10.8	10.9	11.2	11.9	12.4	12.7	12.7	12.5
Arkansas City	do	42	3.3	4.8	5.5	5.7	5.8	5.9	6.1	5.9	5.7	5.7	5 6	5.2	4.5	3.5	3.1	3.0	3.4	4.3	5.1	5.9	6.8	7.6	8.0	8.5	8.7	8.7	8.7	8.9	9.3	9.6	9.7

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana: Irons Fork, Experiment Forest, Mena Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rogers, Route 3, Rogers; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 1-21-41-1150

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLV LITTLE ROCK, ARK., YEAR, 1940 No. 13

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GENERAL SUMMARY

The year was the second coldest of record and the coldest since 1917. The annual mean temperature was 59.3°, which is 2.1° below the mean of the past 50 years. Only October and December were warmer than average. January was unusually cold and all stations in the State recorded their lowest temperatures of the year during this month, practically all of them on the 19th. Only a few stations in the southern sections escaped subzero temperatures. The Arkansas River was completely frozen over at Little Rock for about a week during the latter part of January. May and July were also unusually cool, while December averaged considerably above normal in temperature. The other months of the year had more moderate temperature departures. Considering individual stations, the highest annual mean temperature was 63.6° at Texarkana, while the lowest was 54.5° at Lead Hill. The highest temperature recorded during the year was 104° at Gravette on August 3d; the lowest was —14° at White Rock on January 19th. These extremes are not unusual when it is considered that the State has experienced temperatures as high as 120° and as low as —29° in former years.

The total annual precipitation, based on the records of 102 stations, was 44.85 inches, which is 3.33 inches below the 50 year average, for the State as a whole. Of the 71 stations for which precipitation normals have been computed, 20 stations had more than the normal amount of precipitation. Most of these stations are located in the western, or southwestern, sections of the State. The greatest annual amount was 71.64 inches at Grannis; the least was 29.17 inches at Mountain Home. The greatest monthly amount reported from an individual station was 14.79 inches at Warren in July, while the least was 0.08 inch at De Queen in September. The greatest amount of precipitation in 24 hours was 6.60 inches at Texarkana on July 2d. Precipitation averaged above normal in April, June, July, August and November. April was the wettest month of the year, for the State as a whole, while January had the least amount of precipitation.

The snowfall totaled 9.8 inches, compared to an average of 5.5 inches during former years. Almost six inches of this total occurred in January, when snow covered the entire State during a portion of the month. Amounts at individual stations ranged from 22.1 inches at Devils Knob, to 2.5 inches at Magnolia and White Cliffs.

The first half of the year was unfavorable for vegetation and farm work, and growth and progress lagged somewhat. Generally, conditions were better during the second half of 1940. The cold weather of January and the first half of February caused some damage to fruit trees and oats. In April, unusually cold weather, with freezing temperatures and frost, caused damage to peach and apple trees. Considerable replanting of cotton, tomatoes and other tender vegetation was necessary The first three months of the year were unfavorably dry and soil moisture was insufficient for good growing conditions. Soil moisture conditions improved as a result of heavy rains in April

(Continued on page 78.)

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature: Mean	Temperature: Highest	Temperature: Lowest	Precipitation: Average	Precipitation: Average snowfall	Number of days: Precip. .01 or more	Number of days: Clear	Number of days: Partly cloudy	Number of days: Cloudy
1891	60.5	108	6	44.49	. .	94	180	94	91
1892	60.0	106	−14	57.75	8.7	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	185	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	− 2	46.13	3.9	76	178	96	91
1898	61.4	108	− 4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	− 5	49.03	2.2	92	150	120	95
1901	61.1	116	− 6	35.27	2.9	65	175	111	79
1902	60.5	108	− 2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.3	84	162	107	96
1904	60.5	105	− 5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	− 7	55.99	4.3	95	156	96	113
1907	61.9	113	− 8	49.78	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	− 9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	− 1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	− 3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−23	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	3.4	91	166	75	124
1920	60.7	105	− 2	54.28	2.5	90	174	74	118
1921	64.2	107	− 3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	− 8	37.03	7.9	74	193	68	105
1925	63.0	113	− 6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	− 2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	98	162	83	120
1930	61.7	115	−28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	− 5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	94
1939	62.7	112	4	50.16	5.1	89	179	89	97
1940	59.3	104	−14	44.85	9.8	97	195	85	116
Period	61.4	120	−29	48.18	5.5	86	170	92	103

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1940

Month	Temperature, in degrees Fahrenheit: Mean	Departure	Highest	Lowest	Precipitation, inches: Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Sky: Clear	Pt. cloudy	Cloudy	Prevailing direction of the wind
January	28.0	−13.2	74	−14	1.56	−2.86	4.62	5.9	7	14	6	11	nw.
February	41.9	− 1.7	88	10	3.31	−0.11	6.19	3.2	10	7	5	17	nw.
March	52.0	− 0.7	88	9	2.39	−2.27	5.44	0.7	7	14	7	10	s.
April	59.9	− 1.5	95	18	6.93	+2.04	10.74	T	10	11	7	12	s.
May	65.6	− 2.5	94	33	3.62	−1.33	11.51	0.0	9	17	8	6	s.
June	75.2	− 1.9	98	45	4.35	+0.28	9.66	0.0	10	12	9	9	s
July	78.4	− 2.1	103	48	4.14	+0.34	14.79	0.0	8	13	9	9	s.
August	77.7	− 2.4	104	45	4.96	+1.40	9.40	0.0	9	14	10	7	s.
September	71.2	− 2.8	100	31	1.83	−1.48	8.44	0.0	4	17	7	6	s.
October	65.2	+ 2.5	95	29	1.91	−1.19	3.77	0.0	5	20	7	4	s.
November	49.3	− 2.0	82	3	5.93	+2.14	11.51	T.	9	13	5	12	s.
December	46.7	+ 3.8	77	14	3.92	−0.30	8.69	T	9	13	5	13	n.
Annual	59.3	− 2.0	104	−14	44.85	−3.34	14.79	9.8	97	165	85	116	s.

EXCESSIVE PRECIPITATION FOR 1940

Station and date	Maximum amounts of precipitation: 5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
LITTLE ROCK, ARK Aug. 2	0.48	0.65	0.79	0.83	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Fort Smith, Ark. Sept. 3	0.15	0.47	0.73	0.80	0.81	1.47	1.66	1.70	1.74	1.76	1.78

Climatological Data for Year, 1940

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Alum Fork	Saline	755	4	59.8	96	July 30§	−3	Jan. 19	4	47.58	7.81	Nov.	0.20	Sept.	8.0	104	117	140	109	e
Arkadelphia	Clark	200	3	60.3	98	July 29	−1	Jan. 20	45	47.43	7.26	April	0.65	Sept.	6.3	111	182	98	86	nw.
Arkansas City	Desha	145	......	......	......	......	......	......	56	59.60	9.22	April	1.56	Oct.	5.5	93	185	54	127	......
Batesville Airway	Independence	363	4	58.7	101	July 30	−5	Jan. 19	4	38.82	6.30	April	1.13	Oct.	9.7	97	98	91	177	nw.
Batesville	Independence	277	......	......	......	......	......	......	41	39.91	5.83	April	1.26	Oct.	11.4	109	185[a]	56[a]	124[a]	......
Bee Branch	Van Buren	650	47	......	99	July 30	0	Jan. 19	48	39.36	7.70	April	1.40	Mar.	10.0	82	171	77	118	w.
Benton	Saline	285	4	57.7	98	Sept. 9	−3	Jan 19§	5	42.25	6.62	Nov.	0.57	Sept.	7.4	105	199	68	99	nw.
Bentonville	Benton	1295	35	56.2	97	Aug. 1	−8	Jan. 18§	35	37.60	6.89	April	0.78	Jan	12.0	103	135	96	135	s.
Bethesda	Independence	500	......	......	......	......	......	......	1	37.54	5.87	April	0.92	Sept.	7.0	77	......	......	......	......
Big Lake Outlet	Mississippi	239	......	......	......	......	......	......	10	40.02	5.68	Feb.	0.54	Sept.	14.2	96	191	44	131	......
Black Rock	Lawrence	259	......	......	......	......	......	......	39	36.80	9.40	Aug.	0.36	July	8.6	86	236	19	111	s.
Blytheville	Mississippi	252	15	59.0	100	July 28§	−4	Jan. 19§	15	41.96	5.69	Feb.	0.91	Oct.	15.6	93	......	......	......	s.
Booneville	Logan	465	25	59.7	100	July 30	−3	Jan. 19	26	42.05	6.41	Aug	0.82	Jan.	6.1	101	141	134	91	e.
Boughton	Nevada	235	......	......	......	......	......	......	5	53.42	8.90	April	0.32	Sept.	3.6	96	186[b]	36[b]	142[b]	......
Brinkley	Monroe	205	53	......	96	July 29§	−3	Jan. 19	53	41.72	7.17	April	1.09	Sept.	8.0	98	159	86	121	se.
Calico Rock	Izard	361	......	......	......	......	......	......	36	35.06	6.71	April	0.74	July	9.8	100	141	55	170	......
Camden	Ouachita	116	49	61.6	102	July 29	0	Jan. 19	55	52.88	9.91	July	0.98	Sept.	3.5	109	162	48	156	s.
Clarendon	Monroe	172	......	......	......	......	......	......	36	43.29	4.96	Nov.	1.86	Oct.	5.7	140	151	66	149	n.
Conway	Faulkner	309	44	60.4	100	July 29	−1	Jan. 19	57	49.57	9.37	April	1.63	Jan.	10.5	95	192	88	86	s.
Corning	Clay	293	40	58.7	102	July 29§	−5	Jan. 19	47	42.65	6.27	Aug.	0.45	Oct.	11.5	83	209	55	102	s.
Cotter	Baxter	440	......	......	......	......	......	......	13	32.56	7.26	April	0.35	July	13.6	69	176	81	109	......
Crossett	Ashley	175	17	61.4	97	July 23§	−1	Jan. 27	28	63.43	10.14	July	0.80	Sept.	6.5	103	180	60	126	......
Danville	Yell	327	......	......	......	......	......	......	24	38.94	6.35	Nov.	0.80	Sept.	10.1	111	126	131	109	......
Dardanelle	Yell	330	31	61.2	100	July 30	−1	Jan. 19	54	41.57	7.99	June	0.68	Sept.	9.7	94	102	151	113	s.
De Queen	Sevier	426	5	61.7	97	Aug. 14§	0	Jan. 19	5	61.38	10.73	July	0.19	Sept.	3.2	89	202	45	119	s
Des Arc	Prairie	204	......	......	......	......	......	......	3	40.74	7.14	April	1.16	Oct.	8.0	80	142[a]	38[a]	185[a]	......
Devils Knob	Johnson	2350	4	55.4	92	Aug 1	−13	Jan. 19	4	53.15	9.21	April	1.59	Jan.	22.1	115	186	32	148	se.
Dumas	Desha	162	26	61.7	100	July 28	1	Jan. 26	35	53.47	8.77	July	1.38	Oct.	10.7	107	95	172	99	n
El Dorado	Union	270	36	63.5	98	Aug. 14§	2	Jan. 19	40	60.71	9.60	Nov.	0.80	Oct.	3.0	100	192	71	103	w.
England	Lonoke	229	33	60.2	99	July 23§	1	Jan. 19	34	46.25	7.35	April	2.00	Oct.	6.0	88	119[e]	163[e]	79[e]	s.
Eureka Springs	Carroll	1465	39	57.6	95	July 18§	−10	Jan. 19	40	44.83	6.37	April	0.94	Jan.	20.2	108	183	85	98	......
Fayetteville	Washington	......	3	57.1	99	July 28§	−8	Jan. 19	3	41.41	8.44	Sept.	0.65	Jan.	14.0	104	76	152	138	s.
Fayetteville Exp	Washington	1451	49	56.9	97	Aug. 1§	−7	Jan. 19	53	40.48	7.76	Sept.	0.79	Jan.	10.7	117	150	127	89	sw.
Fort Smith	Sebastian	448	59	60.0	101	July 29	−2	Jan. 19	59	37.63	5.27	Aug.	1.07	Jan.	10.9	103	131	113	122	e.
Ft. Smith Water Plant	Crawford	......	2	......	......	......	......	......	2	36.91	7.72	April	0.72	Jan.	10.9	80	163	52	151	......
Fulton	Hempstead	260	......	......	......	......	......	......	55	56.31	12.71	July	0.08	Sept.	7.4	94	174	63	129	......
Georgetown	White	200	......	......	......	......	......	......	28	41.39	7.78	Nov.	1.18	Sept.	6.0	93	242	19	105	......
Gilbert	Searcy	600	5	55.4	101	July 30§	−7	Jan. 19	15	33.49	7.04	April	0.88	July	9.5	90	223	10	133	......
Glenwood	Pike	547	......	......	......	......	......	......	5	55.41	11.33	Nov.	1.46	Mar.	5.3	107	198[a]	56[a]	111[a]	......
Grannis	Polk	950	20	59.7	95	Aug. 14§	−5	Jan. 19	21	71.64	11.51	May	0.65	Sept.	5.7	104	178	89	99	s.
Gravette	Benton	1250	42	55.7	104	Aug. 3	−10	Jan. 19	43	44.77	8.42	Aug.	1.18	Mar.	8.5	78	154	141	71	sw.
Harrison	Boone	1052	39	56.8	103	July 29	−7	Jan. 19	40	37.08	8.87	April	0.71	Jan.	16.5	105	184	73	109	sw.
Heber Springs	Cleburne	272	......	......	......	......	......	......	11	40.02	7.22	Aug.	1.04	Sept	7.3	104	170	94	102	......
Helena	Phillips	300	42	59.6	96	July 31	−4	Jan. 19	68	47.91	6.93	April	1.19	Oct.	4.9	121	136	77	153	ne.
Higden	Cleburne	445	......	......	......	......	......	......	21	35.90	7.37	April	0.81	Sept.	10.7	97	191[e]	81[e]	89[e]	s.
Highland	Pike	491	11	60.8	95	July 29§	−2	Jan. 19	21	50.48	7.90	April	0.57	Sept.	6.8	85	167	124	75	sw.
Hope	Hempstead	375	34	60.6	98	July 29	1	Jan. 19§	70	62.61	12.77	July	0.27	Sept.	4.5	94	146	135	85	sw.
Hot Springs	Garland	600	43	60.4	98	Sept. 9	−2	Jan. 19	49	46.44	7.84	Nov.	0.88	Sept.	5.0	111	173	113	80	s.
Index	Little River	275	......	......	......	......	......	......	23	55.78	13.95	July	0.32	Sept.	4.5	77	239	7	118	......
Irons Fork	Polk	1385	2	55.9	95	July 30	−7	Jan. 19	2	48.58	7.31	Apr.	1.36	Mar.	11.3	119	155	117	94	sw.
Jessieville	Garland	750	......	......	......	......	......	......	14	47.92	8.28	Nov.	0.37	Sept.	9.2	90	105	157	104	sw.
Jonesboro	Craighead	345	44	58.8	101	July 31	−5	Jan. 19	45	38.39	5.61	Aug.	0.53	Sept.	15.1	109	103	124	139	ne.
Lead Hill	Boone	650	23	54.5	100	July 31§	−10	Jan. 19	34	38.47	7.82	April	0.63	May	13.5	99	167	100	99	w.
LITTLE ROCK	Pulaski	324	61	60.3	96	July 29§	0	Jan. 19	61	34.66	5.58	April	1.31	Mar.	8.8	109	134	84	148	s.
Little Rock Airway	Pulaski	257	4	59.6	98	July 30	−1	Jan. 19	4	37.88	6.28	April	1.19	July	7.5	110	128	96	142	n
Lutherville	Johnson	775	42	58.8	100	July 30	−5	Jan. 19	41	52.23	8.57	April	1.21	Jan.	22.0	96	137	110	119	se.
Madison	St. Francis	209	......	......	......	......	......	......	10	40.35	6.27	April	1.10	Sept.	7.5	......	76	65	225	......
Magnolia	Columbia	315	21	63.5	99	July 29	3	Jan. 19	24	52.37	8.41	Nov.	1.15	Sept.	2.5	81	87[b]	183[b]	94[b]	sw.
Mammoth Spring	Fulton	600	35	57.1	100	July 30§	−6	Jan. 19	36	39.60	8.10	Aug.	1.07	July	14.2	86	152[b]	116[b]	96[b]	sw.
Marianna	Lee	235	28	60.0	96	July 28§	−1	Jan. 19	29	39.75	6.28	July	1.70	Jan.	6.6	109	180[j]	95[j]	81[j]	s.
Marked Tree	Poinsett	229	24	57.4	99	July 30	−6	Jan. 19	36	41.83	5.91	Feb.	0.74	Sept.	13.0	96	167	110	89	s.
Mena	Polk	1207	48	59.8	98	July 30	−4	Jan. 19	52	53.40	7.79	May	1.16	Sept.	8.5	113	179	75	112	sw.
Monticello Airway	Drew	273	4	61.9	97	July 28	1	Jan. 19	4	58.37	10.30	July	1.77	Jan.	6.0	119	102	116	148	s.
Morrilton	Conway	315	18	58.7	99	July 29§	0	Jan. 19§	21	35.47	7.72	Nov.	1.06	Jan.	4.8	98	149	154	83	nw.
Mountainburg	Crawford	2010	......	......	......	......	......	......	3	38.68	8.09	Apr.	1.02	Jan.	12.0	86	215	50	101	sw.
Mountain Home	Baxter	800	23	57.4	102	July 29§	−7	Jan. 19	28	29.17	8.50	Apr.	0.70	Sept.	16.0	69	189[b]	35[b]	140[b]	w.
Mountain Valley	Garland	788	......	......	......	......	......	......	2	46.56	8.58	Apr.	0.63	Sept.	9.4	108	202	60	104	s.
Mount Ida	Montgomery	650	25	58.9	99	July 29	−3	Jan. 19	41	44.05	7.75	Apr.	1.06	Jan.	13.5	97	144	104	118	sw.
Mount Ida CCC	Montgomery	750	......	......	......	......	......	......	1	46.70	7.93	Apr	1.33	Jan.	8.0	124	207	80	79	sw.
Mulberry	Franklin	433	......	......	......	......	......	......	2	37.08	6.73	Apr.	1.02	Jan.	7.7	90	146	82	138	......
Nashville	Howard	350	2	61.5	97	Sept. 9	1	Jan. 19	2	51.33	9.05	Apr.	0.33	Sept.	6.7	105	206	57	103	......
Newport	Jackson	231	52	59.5	100	July 30	0	Jan. 19	57	44.97	7.31	Apr.	0.64	Sept.	8.3	103	163	108	95	......
Oden	Montgomery	750	4	59.2	98	July 30	−5	Jan. 25	13	41.91	7.92	Apr.	0.78	Mar.	6.5	91	130[b]	129[b]	105[b]	sw.
Okay	Howard	288	12	62.4	96	July 29§	0	Jan. 19	12	50.59	7.63	May	0.76	Sept.	4.0	99	93	97	176	s.
Osceola	Mississippi	250	......	......	......	......	......	......	2	36.68	5.64	Aug.	0.69	Oct.	14.5	92	167	121	78	......
Ozark	Franklin	396	43	59.6	100	July 30	−5	Jan. 19	45	37.49	6.84	Apr.	1.18	Jan.	5.2	95	146	63	157	e.
Paragould	Greene	275	2	57.7	99	July 30	−5	Jan. 19	15	39.13	5.44	Aug.	0.93	July	18.5	100	221	75	70	sw.
Parkin	Cross	222	......	......	......	......	......	......	10	37.33	5.90	Apr.	1.06	Oct.	6.3	82	189	36	141	......
Pine Bluff	Jefferson	215	52	61.9	97	y 29	1	Jan. 19	53	46.68	6.48	Nov.	1.78	Jan.	5.7	106	118	139	109	sw.
Pine Ridge	Montgomery	840	......	......	......	......	......	......	16	48.19	7.26	Apr.	1.40	Sept.	8.8	67	145[b]	98[b]	121[b]	......
Pocahontas	Randolph	309	46	58.0	100	July 29§	−6	Jan. 19	47	40.35	6.95	Aug.	0.72	Oct.	8.4	101	179	72	115	n.
Portland	Ashley	122	34	61.0	97	July 28	0	Jan. 19	34	59.67	11.00	July	2.24	Sept.	6.2	102	142	101	123	nw.
Prescott	Nevada	318	51	63.2	99	July 29	1	Jan. 19	52	53.29	9.01	July	0.45	Sept.	4.0	104	175	62	129	s.
Rogers (near)	Benton	1300	45	56.4	97	Aug. 1	−8	Jan. 19	50	35.00	5.32	Apr.	1.39	Jan.	15.5	87	193	64	109	sw.
Rosebud	Faulkner	600	......	......	......	......	......	......	6	39.61	7.80	Aug.	1.30	Sept.	12.5	85	148	125	93	n.
Russellville Evap	Pope	526	30	....	98[a]	July 29	−1	Jan. 19	28	44.58	7.51	June	1.21	Jan.	8.0	111	244	0	122	se.
St. Charles	Arkansas	175	4	59.7	97	July 30	−1	Jan. 20	7	52.30	7.91	July	1.23	Jan.	8.1	103	170[b]	81[b]	113[b]	n.
St. Francis	Clay	290	......	......	......	......	......	......	13	51.18	6.87	Apr.	0.60	Oct.	19.6	116	194	23	149	......
Searcy	White	245	27	59.9	101	July 30	−3	Jan. 19	30	39.90	7.32	Nov.	1.55	Sept	13.8	113	189	41	136	sw.
Springbank	Miller	240	......	......	......	......	......	......	31	60.46	11.51	Nov.	0.76	Jan.	7.3	104	......	......	......	......
Story	Montgomery	650	......	......	......	......	......	......	16	37.48	7.40	Apr.	0.75	Sept.	6.7	64	217	60	89	s.
Stuttgart	Arkansas	214	50	60.6	98	July 30§	−1	Jan. 19	53	46.89	6.43	Apr.	1.56	Jan.	4.3	104	225	59	82	se.
Stuttgart Evap	Arkansas	198	4	59.4	96	Sept. 9	−2	Jan. 27	4	45.14	6.10	Apr.	1.33	Jan.	.....	103	......	......	......	......

Climatological Data for Year, 1940

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Subiaco	Logan	750	43	60.3	103	July 31	− 2	Jan. 19	43	41.78	7.07	April	0.66	Jan.	7.0	101	192ᶠ	61ᶠ	107ᶠ	se.
Texarkana	Miller	332	54	63.6	99	Sept. 9	2	Jan. 19	55	64.90	9.40	Nov.	0.25	Sept.	5.0	80	102ᵃ	66ᵃ	197ᵃ	s.
Thornburg	Perry	650	18	......	98	July 29§	− 5	Jan. 19	20	42.20	6.83	Nov.	1.20	Mar.	9.0	103	135ᵃ	128ᵃ	102ᵃ	s.
Turnpike‡‡	Pope	2240	4	55.3	92	July 30	−12	Jan. 19	16	44.99	7.07	April	0.99	July	18.2	106	170	69	127	ne.
Waldron	Scott	675	2	......	100	July 29§	− 2	Jan. 19	21	35.47	7.03	Aug.	0.92	July	12.8	73	......	......	......	nw.
Warren	Bradley	206	44	62.0	97	July 29§	1	Jan. 19	46	55.39	14.79	July	0.57	Oct.	6.0	96	78	49	239	sw.
Whitecliffs	Little River	290	..	......	......	......	......	......	34	49.96	8.79	May	0.20	Sept.	2.5	70	201ᵃ	21ᵃ	134ᵃ	......
White Rock	Franklin	2285	4	56.5	94ᵃ	July 30	−14	Jan. 19	4	39.32	7.76	April	0.91	Jan.	16.9	108	185	72	169	sw.
Wilson	Mississippi	237	15	58.6	99	July 30	− 7	Jan. 26	15	......	......	......	......	......	12.0	......	206	29	131	s.
Wynne	Cross	167	32	59.9	99	July 15§	− 4	Jan. 19	32	43.56	9.55	April	0.75	Sept.	11.8	79	146	98	122	s.

Monthly and Annual Precipitation for the Year 1940, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Alum Fork Reser.	2.43	......	3.06	......	1.73	......	7.27	......	3.33	......	5.26	......	4.92	......	6.46	......	0.20	......	2.30	......	7.81	......	2.81	......	47.58	......
Arkadelphia	1.81	−3.02	4.07	+0.46	3.27	−1.20	7.26	+2.39	4.10	−1.03	3.02	−1.59	5.14	+1.45	5.19	+1.56	0.65	−2.69	2.78	−0.64	6.98	+3.43	3.16	−1.72	47.43	− 2.60
Arkansas City	1.98	−2.57	5.01	+0.69	5.44	+0.24	9.22	+4.02	5.25	+0.28	3.21	−0.41	6.05	+2.41	6.40	+2.44	2.63	−0.32	1.56	−1.06	7.62	+3.84	5.23	−0.75	59.60	+ 8.81
Batesville Airway	1.53	......	2.75	......	3.39	......	6.30	......	1.93	......	1.92	......	3.19	......	6.24	......	1.45	......	1.13	......	5.61	......	3.38	......	38.82	......
Batesville	1.60	−3.08	2.74	−0.70	4.05	−0.23	5.83	+1.08	3.48	−1.51	2.58	−1.34	2.81	−1.01	4.93	+0.52	1.82	−1.93	1.26	−1.93	5.39	+1.96	3.42	−0.50	39.91	− 8.67
Bee Branch	2.10	−2.45	1.83	−1.21	1.40	−2.98	7.70	+2.85	3.45	−1.61	2.65	−1.84	4.65	+1.24	3.85	−0.18	1.75	−1.45	1.93	−1.63	5.10	+1.44	2.95	−1.22	39.36	− 9.04
Benton	1.45	......	3.55	......	1.46	......	5.99	......	4.88	......	4.69	......	2.34	......	6.25	......	0.57	......	1.29	......	6.62	......	3.16	......	42.25	......
Bentonville	0.78	−1.89	1.27	−0.87	1.72	−2.31	6.89	+2.54	1.59	−3.62	5.86	+1.64	1.09	−3.25	5.35	+1.29	4.00	+0.32	1.89	−1.73	3.52	+0.51	3.64	+1.26	37.60	− 6.11
Bethesda	1.28	......	2.43	......	2.91	......	5.87	......	1.52	......	3.67	......	4.22	......	5.22	......	0.92	......	1.21	......	5.26	......	3.03	......	37.54	......
Big Lake Outlet	2.61	..	5.68	......	3.18	......	4.92	......	4.68	......	3.08	......	2.14	......	4.32	......	0.54	......	1.05	......	3.05	......	4.77	......	40.02	......
Black Rock	2.10	−2.51	1.94	−1.31	1.91	−2.45	4.28	−0.74	2.35	−2.38	3.86	+0.11	0.36	−3.38	9.40	+5.29	0.85	−3.10	0.74	−2.64	5.93	+2.02	3.08	−1.02	36.80	−12.11
Blytheville	2.86	−3.06	5.69	+2.91	2.88	−2.46	5.37	+0.81	4.38	+0.46	4.36	+0.30	1.41	−1.81	5.67	+0.76	1.35	−2.10	0.91	−2.61	2.75	−1.48	4.33	−0.01	41.96	− 8.29
Booneville	0.82	−2.78	2.04	−0.56	1.51	−2.52	6.33	+2.03	3.10	−2.58	3.92	−0.28	4.92	+1.37	6.41	+2.33	2.90	−0.13	2.01	−1.27	4.81	+1.57	3.28	+0.24	42.05	− 2.58
Boughton	1.29	......	4.12		3.10	......	8.90	......	5.30	......	2.74	......	6.08	......	7.29	......	0.32	......	1.71	......	7.63	......	4.94	......	53.42	......
Brinkley	2.39	−2.80	4.79	+0.59	2.32	−2.97	7.17	+1.71	2.62	−2.77	3.30	−0.43	1.65	−2.63	5.39	+1.72	1.09	−2.89	1.62	−1.90	4.59	+0.63	4.79	−0.32	41.72	−12.06
Calico Rock	1.66	−2.81	1.71	−1.05	1.98	−2.06	6.71	+2.35	1.19	−3.46	4.73	+1.15	0.74	−2.20	6.01	+1.65	0.81	−2.56	1.50	−1.39	5.78	+2.27	2.24	−1.34	35.06	− 9.45
Camden	1.39	−3.35	3.49	−0.36	3.28	−1.35	5.03	+0.25	3.40	−1.32	5.00	+0.79	9.91	+5.90	3.71	+0.43	0.98	−2.23	2.37	−0.62	9.11	+5.17	5.21	+0.04	52.88	+ 3.35
Clarendon	1.87	−2.77	3.73	−0.19	2.34	−2.60	4.63	−0.68	3.91	−0.65	4.21	+0.62	4.37	+0.78	3.72	+0.04	2.91	−0.53	1.86	−1.38	4.96	+1.11	4.78	−0.27	43.29	− 6.52
Clinton	1.76	−2.81	1.81	−1.16	1.56	−3.00	7.48	+3.02	1.79	−3.04	....	......	....	......	....	......	....	....	....	......	6.74	+3.30	1.50	−2.49	.....	......
Clover Bend	....	......	....	......	....	....	....	......	. .	......	....	......	3.94	......	5.73	......	1.04	......	1.70	......	5.34	......	4.18	......	.....	......
Conway	1.63	−3.08	3.18	−0.28	2.50	−1.78	9.37	+4.32	3.77	−1.29	4.45	+0.57	6.55	+3.01	4.26	+0.70	2.88	−0.59	2.29	−1.13	6.75	+3.15	2.94	−1.30	49.57	+ 2.29
Corning	2.56	−2.17	3.65	+0.30	2.65	−1.71	6.05	+0.95	4.48	−0.25	3.24	−0.83	1.98	−1.42	6.27	+1.98	1.66	−1.98	0.45	−2.93	5.35	+1.59	4.31	+0.44	42.65	− 6.03
Cotter	1.24	−2.12	1.62	−1.03	2.33	−0.80	7.26	+3.45	1.19	−3.70	3.88	−1.07	0.35	−2.75	4.81	+1.39	1.31	−2.10	1.29	−2.66	3.94	+1.61	3.34	+0.04	32.56	− 9.74
Crossett	2.63	−2.15	5.64	+1.90	3.25	−1.89	9.79	+4.10	2.71	−1.94	5.70	+1.78	10.14	+5.69	6.25	+2.93	0.80	−1.82	3.41	−0.09	7.59	+3.71	5.52	−0.54	63.43	+11.68
Danville	1.24	−2.70	3.73	+0.95	1.44	−2.30	5.75	+1.38	2.60	−3.19	5.52	+1.23	2.38	−1.08	3.31	−0.73	0.80	−2.59	2.73	−1.11	6.35	+3.28	3.09	−0.40	38.94	− 7.26
Dardanelle	1.30	−2.32	1.46	−1.42	1.83	−2.15	6.40	+2.25	3.50	−1.69	7.99	+4.31	3.20	+0.11	5.22	+1.59	0.68	−2.61	1.70	−1.70	5.71	+2.40	2.58	−0.99	41.57	− 2.22
De Queen	0.82	......	2.25	......	1.54	......	9.28	......	8.00	......	9.55	......	10.73	......	2.70	......	0.19	......	2.54	......	9.49	......	4.29	......	61.38	......
Des Arc	1.90	....	4.57	.....	2.15	......	7.14	......	3.40	......	3.85	......	2.38	......	2.13	......	2.79	......	1.16	......	5.97	......	3.30	......	40.74	......
Devils Knob	1.59	......	2.30	....	2.63	......	9.21	......	2.46	......	5.00	......	3.64	......	7.61	......	5.68	......	2.89	......	5.41	......	4.73	......	53.15	......
Dumas	1.64	−3.38	5.14	+0.53	3.45	−2.31	6.36	+1.56	3.09	−0.38	4.61	+0.80	8.77	+4.16	3.74	+0.15	5.07	+2.18	1.38	−1.84	5.93	+1.73	4.29	−2.00	53.47	+ 1.20
El Dorado	1.69	−3.04	3.71	+0.11	2.84	−2.12	6.21	+0.98	4.07	+0.59	7.53	+3.84	7.27	+3.23	4.23	+1.23	4.07	+0.92	6.80	−2.52	9.60	+5.54	8.69	+2.48	60.71	+11.24
England	2.20	−2.70	5.34	+1.54	2.33	−2.51	7.35	+1.78	3.34	−1.15	3.31	−0.52	2.44	−0.85	2.81	−0.83	5.80	+2.03	2.00	−1.13	5.95	+2.16	3.38	−1.56	46.25	− 3.74
Eureka Springs	0.94	−2.26	2.19	−0.27	3.16	−0.82	6.37	+1.45	1.49	−4.10	3.99	−1.39	6.24	+1.94	5.72	+0.75	3.50	−0.72	2.83	−0.88	3.48	+0.38	4.92	+2.12	44.83	− 3.80
Fayetteville	0.65	......	1.80	......	1.58	......	5.81	......	1.71	......	6.99	......	0.69	......	5.60	......	8.44	......	2.10	......	3.38	......	2.66	......	41.41	......
Fayetteville Exp.	0.79	−2.21	1.57	−0.63	1.80	−1.90	6.57	+1.97	1.55	−3.74	6.01	+1.27	0.90	−3.01	5.71	+0.67	7.76	+4.21	1.83	−1.87	3.24	+0.37	2.75	+0.05	40.48	− 3.82
Fort Smith	1.07	−1.47	1.93	−0.71	1.20	−1.81	5.85	+1.91	2.70	−2.12	4.01	+0.29	2.54	−0.83	5.27	+1.99	2.82	−0.17	2.16	−0.83	4.64	+1.77	3.44	+0.68	37.61	− 1.60
Ft. Smith WaterPt.	0.72	......	1.46	......	1.12	......	7.72	......	1.46	......	3.00	......	0.90	......	6.43	......	2.46	......	2.48	......	4.47	......	4.69	......	36.91	......
Fulton	1.32	−3.31	2.71	−0.72	1.79	−2.55	7.92	+3.25	5.25	+0.60	4.23	+0.07	12.71	+8.96	3.35	+0.15	0.08	−2.57	2.28	−0.58	7.47	+3.97	7.20	+2.98	56.81	+10.25
Georgetown	1.82	−3.20	4.72	+1.04	2.67	−2.02	6.79	+1.58	3.00	−1.75	3.05	−1.44	1.93	−1.43	3.98	+0.27	1.18	−2.71	1.45	−1.94	7.78	+3.99	3.02	−1.43	41.39	− 9.04
Gilbert	0.93	−2.88	2.05	−0.18	2.61	−0.11	7.04	+1.93	1.71	−2.73	4.37	+0.54	0.88	−2.61	3.84	−0.04	1.45	−2.88	0.95	−3.73	5.01	+2.66	2.65	−0.68	33.49	−10.71
Glenwood	1.95	......	3.59	......	1.46	......	8.44	......	7.69	......	6.50	......	3.98	......	2.54	......	2.75	......	2.09	......	11.38	......	3.04	......	55.41	......
Grannis	1.75	−3.05	2.47	−1.79	1.96	−2.98	8.59	+2.29	11.51	+5.08	9.66	+4.64	10.79	+4.54	6.25	+2.61	0.65	−4.17	3.77	−0.45	9.37	+5.25	4.87	+0.01	71.64	+11.98
Gravette	2.85	+0.07	1.95	+0.06	1.18	−2.44	7.53	+2.97	4.04	−1.38	4.10	−1.45	1.27	−2.90	8.42	+4.29	3.44	−0.27	2.52	−1.21	4.78	+1.62	2.69	+0.28	44.77	− 0.36
Green Mountain	....	......	....	......	1.90	......	6.48	......	1.12	......	4.58	......	0.67	......	5.15	......	1.12	......	1.32	......	5.96	......	2.84	......	.....	......
Harrison	0.71	−2.46	2.13	−0.37	2.48	−1.11	8.87	+3.93	1.07	−4.14	4.17	−0.23	0.89	−3.22	5.20	+1.17	2.72	−1.31	2.44	−0.69	2.99	+0.18	3.41	+0.55	37.08	− 7.70
Heber Springs	1.42	.....	3.21	......	2.01	......	5.46	......	4.61	......	2.57	......	3.00	......	7.22	......	1.04	......	1.27	......	5.30	......	2.91	......	40.02	......
Helena	1.79	−3.37	4.57	+0.68	3.34	−2.37	6.93	+1.83	1.84	−2.85	4.46	+1.10	6.02	+2.32	3.91	+0.09	3.38	+0.30	1.19	−1.79	6.17	+1.73	4.31	−1.12	47.91	− 3.45
Higden	1.46	−3.12	2.14	−0.54	2.09	−2.17	7.37	+2.47	2.27	−3.05	3.09	−0.88	2.85	−0.60	4.78	+0.39	0.81	−2.88	1.21	−2.24	5.37	+0.81	2.46	−1.43	35.90	−13.24
Highland	1.06	−3.52	3.43	+0.06	2.16	−2.21	7.90	+3.76	7.11	+1.99	5.99	+1.89	4.42	+0.56	3.73	−0.05	0.57	−2.63	3.05	−0.12	7.65	+4.13	3.41	−0.85	50.48	+ 3.11
Hope	1.33	−3.47	4.10	+0.28	2.08	−2.60	8.31	+3.32	5.30	+0.10	4.88	+1.36	12.77	+8.41	5.32	+2.35	0.27	−3.14	3.04	+0.13	8.35	+4.59	6.86	+2.09	62.61	+13.42
Hot Springs	2.73	−2.13	3.59	+0.08	1.20	−3.23	7.74	+1.75	4.37	−1.64	5.94	+1.29	3.73	−0.87	2.94	−0.88	0.88	−2.62	2.67	−0.76	7.84	+3.94	2.81	−1.86	46.44	− 6.93
Index	1.35	−2.29	2.17	−0.64	1.60	−2.44	6.95	+2.77	4.65	+0.23	5.05	+2.17	13.95	+10.61	3.94	+0.65	0.32	−2.46	3.60	+0.79	6.75	+3.85	5.45	+1.74	55.78	+14.89
Irons Fork	1.58	......	3.22	......	1.36	......	7.31	......	5.30	......	2.97	......	5.24	......	7.25	.....	1.96	......	2.15	......	6.37	......	3.87	......	48.58	......
Jessieville	1.82	−4.34	3.68	+0.72	1.56	−2.75	8.11	+2.45	4.48	−1.56	6.95	+2.81	2.97	−0.47	4.27	+0.75	0.37	−2.79	2.11	−1.55	8.28	+3.95	3.32	−1.26	47.92	− 4.04
Jonesboro	1.70	−3.32	4.81	+1.17	2.84	−1.72	5.30	+0.51	3.35	−0.84	1.97	−1.97	0.79	−2.50	5.61	+1.89	0.53	−2.88	1.31	−2.15	5.11	+1.72	5.07	+0.44	38.39	− 9.65
Lead Hill	0.90	−1.81	1.83	−0.41	2.26	−1.38	7.82	+3.88	0.63	−4.20	4.68	−0.57	2.90	−0.55	7.45	+3.21	1.33	−1.73	1.91	−1.23	2.85	+0.09	3.91	+1.22	38.47	− 3.48
LITTLE ROCK	1.49	−3.33	3.21	−0.79	1.31	−3.31	5.58	+0.39	3.10	−1.68	2.26	−1.50	1.60	−1.90	3.55	−0.20	2.17	−1.00	1.91	−0.80	5.55	+1.36	3.02	−1.12	34.66	−13.88
Little Rock Airway	1.62	.....	4.43	......	1.52	......	6.28	......	3.28	......	2.33	......	1.19	......	3.38	......	3.63	......	1.94	......	5.31	......	2.97	......	37.88	......
Lutherville	1.21	−2.72	2.55	−0.53	2.32	−1.69	8.57	+3.73	3.47	−1.80	6.79	+2.29	1.67	−2.08	6.82	+2.97	3.43	−0.48	3.04	−0.96	7.50	+4.09	4.36	+0.92	52.23	+ 3.74
Madison	2.09	......	5.10	......	2.55	......	6.26	......	3.89	......	2.24	......	2.66	......	4.54	......	1.10	......	1.40	......	3.90	......	4.62	......	40.35	......
Magnolia	1.28	−3.28	2.66	−1.13	4.00	−0.46	6.74	+1.90	2.79	−1.68	4.61	+0.79	5.68	+2.22	4.86	+1.82	1.15	−1.28	2.38	−0.47	8.41	+4.38	7.81	+2.52	52.37	+ 5.33
Mammoth Spring	1.97	−1.49	1.51	−1.43	2.58	−1.08	8.07	+3.21	2.43	−2.16	3.50	−0.82	1.07	−2.75	8.10	+3.83	1.10	−2.43	1.50	−1.83	5.25	+1.98	2.52	−0.86	39.60	− 5.83
Marianna	1.70	−3.19	3.47	−0.47	3.00	−1.67	4.55	0.0	4.09	−0.19	2.00	−1.47	6.28	+2.81	3.38	+0.12	1.78	−1.73	2.27	−0.98	3.36	−0.14	3.87	−0.92	39.75	− 7.83
Marked Tree	2.40	−3.29	5.91	+2.09	4.06	−0.83	5.72	+0.74	4.12	−0.58	3.60	+0.38	2.90	−0.60	3.90	+0.27	0.74	−2.22	0.94	−3.01	3.45	−0.70	4.09	−0.55	41.83	− 8.30

Monthly and Annual Precipitation for the Year 1940, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Mena	1.33	-2.61	2.59	-0.73	1.47	-2.76	6.80	+1.09	7.79	+1.55	7.78	+2.78	7.00	+3.20	6.42	+2.08	1.16	-2.76	1.55	-2.53	6.21	+2.59	3.30	-0.67	53.40	+ 1.23
Monticello Airway	1.77	......	4.14	......	5.07	......	7.68	......	3.60	......	4.57	......	10.30	......	3.01	......	2.59	......	2.63	......	7.03	......	5.98	......	58.37	......
Morrilton	1.06	-2.80	2.47	-0.27	1.79	-1.89	5.17	+0.95	2.51	-2.40	3.79	-0.01	1.64	-1.06	3.70	+0.10	1.25	-1.74	2.27	-1.11	7.72	+4.44	2.10	-1.78	35.47	- 7.57
Mountainburg	1.02	......	1.81	......	1.18	......	8.09	......	1.68	......	4.49	......	1.25	......	6.34	......	2.16	......	2 68	......	4.68	......	3.30	......	38.68	......
Mountain Home	0.95	-2.38	0.84	-1.91	1.85	-1.66	8.50	+3.81	0.89	-4.12	2.50	-1.94	1.35	-2.49	4.57	+0.29	0.70	-3.60	0.80	-3.04	3.18	+0.35	3.04	-0.32	29.17	-17.01
Mountain Valley	1.34	......	3.12	......	1.68	......	8.58	......	4.66	......	6.43	......	1.96	......	4.72	......	0 63	......	2.27	......	8.56	......	2.61	......	46.56	......
Mount Ida	1.06	-3.28	3.60	+0 06	1.69	-2.47	7.75	+1.86	5.28	-0.65	3.05	-1.24	2.26	-1.47	6.12	+2.62	1.60	-2.52	1.97	-1.71	6.93	+2.50	2.74	-1.36	44.05	- 7.66
Mount Ida CCC	1.83	......	3.37	....	1.46	......	7.93	......	5.37	......	2.74	......	2.42	......	5.05	......	1.73	......	2.21	......	10.50	......	2.59	......	46.70	......
Mulberry	1.02	......	1.58	......	1.08	......	6.73	......	1.72	......	4.52	......	3.97	......	4.52	......	1.13	......	2.23	......	5.45	......	3.13	......	37.08	......
Nashville	1 38	......	2.22	......	3.08	......	9.05	......	6.22	......	7.54	......	6.37	......	2.13	......	0.33	......	2.71	......	6.58	......	3.72	......	51.33	......
Newport	1.71	-3.53	3.85	+0.61	2.64	-1.78	7.31	+2.33	4.80	+0.44	2.09	-1.83	5.79	+2.70	4.34	+0.42	0.64	-3 09	1.45	- 2.08	7.11	+3.47	3.24	-0.97	44.97	- 3.31
Oden	1.51	......	2.86	......	0.78	......	7.92	......	4.58	......	3.35	......	3.64	......	5.53	......	1.29	......	1.00	......	6.23	......	3.22	......	41.91	......
Okay	1.53	......	2.68	......	1.95	......	6.94	......	7.63	......	5.93	......	4.50	......	4.17	......	0.76	......	3.49	......	5.95	......	5.06	......	50.59	......
Osceola	2.30	......	5.21	......	3.63	......	4.52	......	1.86	......	1.81	......	1.77	......	5.64	......	1.93	......	0.69	......	2.89	......	4.43	......	36.68	......
Ozark	1.18	......	1.78	......	1.51	......	6.84	......	2.90	......	4.09	......	1.80	......	4.73	......	2.55	......	1.64	......	5.01	......	3.46	......	37.49	......
Paragould	1.58	--3.70	4.73	+1.00	3.17	-2.61	5.00	+0.28	3.63	-1.17	2.45	-1.61	0.93	-2.15	5.44	+1.47	1.16	-1.61	1.13	-1.82	5.01	+1.56	4.90	+0.37	39.13	- 9.99
Parkin	2.32	......	4.87	......	2.61	......	5.90	......	3.87	......	1.75	......	1.38	......	4.34	......	1.58	......	1.06	......	3.36	......	4.29	......	37.33	......
Pine Bluff	1.78	-3.41	3.92	+0.01	3.12	-2.05	6.28	+0.77	4.15	-0.52	3.57	-0.35	4.57	+1.01	2.53	-0.90	3.18	-0.43	2 92	-0.38	6.48	+2.48	4.18	-1.38	46.68	- 5.15
Pine Ridge	1.63	-2 97	2 83	-0.71	1.46	-3.29	7.26	+1.80	5.78	+0.51	5.83	+1.34	5.19	+1.56	5.02	+2.64	1.40	-1.57	1.68	-3.00	6.76	+2.51	3.35	-1.10	48.19	- 2.28
Pocahontas	2.46	- 2.09	2.45	-0.89	2.73	-1.63	6.41	+1.56	3.00	-1.88	3.88	-0.48	1.42	-2.69	6.95	+2.10	0.63	-3 05	0.72	-2.72	6.06	+2.55	3 64	-0.39	40 35	- 9.61
Portland	2.46	-2.23	4.53	+0.36	3.51	-1.66	10.74	+6.01	4.13	-1.22	4.59	+1.12	11.00	+6.90	2.91	-0.30	2.24	-0.25	3.26	+0.41	6.93	+3.00	3.37	-2.80	59.67	+ 9 34
Prescott	1.31	-3.43	3.76	+0.06	1.77	-2.73	8.02	+3.10	5.40	+0.35	3.51	-0.74	9.01	+5.02	4.78	+1.47	0.45	-2.90	2.14	-0.96	7.08	+3.45	6.06	+1.51	53 29	+ 4.20
Rogers (near)	1.39	- 1.27	1.54	-0.33	2.56	-0.84	5.32	+0.88	1.68	-3.38	5.04	-0.08	2.27	-2.17	3.85	-0.05	3.15	-0.64	1.77	-1.46	3.27	+0.35	3.16	+0.82	35.00	- 8.17
Rosebud ‡‡	1.68	......	3.01	.....	2.01	......	6.87	......	2.61	......	2.74	......	1.73	......	7.80	......	1.30	......	1.80	......	4.88	......	3.18	......	39.61	......
Russellville	1.21	-2.24	2.70	-0.58	1.63	-3.25	6.54	+2.54	4.92	-0.67	7.51	+3.43	3.76	-0.51	3.23	-0.20	1 48	-2.57	2 25	-0.51	5.87	+1.92	3.48	+0.47	44.58	- 2.17
St. Charles	1.23	......	4.35	.....	2.94	......	6.31	......	2.88	......	5.07	......	7.91	......	6.13	......	3.65	......	1.95	......	4.97	......	4.91	......	52.30	......
St. Francis	4.62	-1.52	5.76	+2.33	4.02	-1.38	6.87	+2.81	3.10	-0.85	5.17	+1.19	4.59	+0.27	4.82	+0.58	1.12	-3.84	0.60	-3.42	5.12	+1.34	5.39	+1.02	51.18	- 1.47
Searcy	1.77	-3.02	3 77	+0.44	2.16	-1.90	6.18	+1.85	3.05	-1.39	3.49	-0.51	1.66	-1.25	5.00	+0.95	1.55	-1.88	1.60	-1.54	7.32	+3.44	2.35	-1.89	39.90	- 6.70
Springbank	0.76	-3 25	3.57	+0.17	3.05	-1.34	8.57	+3.32	3.60	-0.93	8.08	+4.42	6.59	+2.39	4.55	+1.45	0.83	-2.14	1.97	- 0.70	11.51	+7.70	7.38	+2.46	60.46	+13.55
Story	1.09	-2.93	3.09	-0.37	1.61	-2.67	7.40	+1.24	3.39	-1.68	2.24	-1.39	4.45	+0.85	2.99	+0.15	0.75	-2.19	1.28	-2.57	6.94	+2.98	2.25	-2.84	37.48	-11 42
Stuttgart	1.56	-3.48	4.22	+0.24	4.07	-0.92	6.43	+1.36	4.14	-0.71	3.55	-0.20	4.31	+0.87	2.83	-0.56	3.22	-0.28	2.15	-1.30	5.70	+1.88	4.71	-0.41	46.89	- 3.51
Stuttgart (Evap.)	1.33	......	4.58	......	3.62	......	6.10	......	3.42	......	3.07	......	5.16	......	2.30	...	2.55	......	3.66	......	4.40	......	4.95	......	45.14	......
Subiaco	0.66	-2.95	2 69	-0.16	1.95	-1.78	7.07	+2.49	2.34	-2.93	5.63	+1.60	1.90	-1.47	6.76	+2.97	1.56	- 1.87	2.13	-1.33	5.28	+2.19	3.81	+0.54	41.78	- 2.70
Texarkana	1.63	-2.45	2.92	-0.46	2 70	-1.56	8.35	+3.39	6.41	+1.81	6.57	+2.31	14.41	+10.25	4.33	+0.71	0.25	-2.49	1.90	-1.53	9.40	+5.98	6.43	+2.08	64.90	+18.04
Thornburg	1.27	-3.13	3.02	-0.40	1.20	-2.66	6.50	+1.24	2.95	-2.79	5.88	+0.98	2.85	-1.40	4.82	+0.77	1.54	--1.96	2 83	- 0.67	6.83	+3.23	2.51	-1.47	42.20	- 8.26
Turnpike	2.55	-2.01	2.24	-0.78	1.99	-2.50	7.07	+1.81	1.68	-4.04	5.51	+0.61	0.99	-2.74	6.90	+2.87	4.60	-0.55	2.14	-3 17	5.80	+1.99	3 52	-0.73	44 99	- 9.24
Wabash	....	......	....	......	....	......	....	......	....	......	....	......	5.32	......	5.13	......	3.16	.....	1.69	......	4.97	......	5.06	......	....	......
Waldron	0.93	-2.90	2.90	-0.65	1 26	-3.01	6.21	+0.45	3.74	-2.26	1.28	-3.34	0.92	-2.76	7.03	+3.32	1 47	-1.70	1.28	-2.21	5.45	+2.12	3.00	-0.63	35.47	-13.57
Warren	0.64	-4.18	2.85	-1.40	3.42	-1.77	5.71	+0.54	3.30	-1.40	6.23	+2.51	14.79	+11 02	3.15	-0.38	0.88	-3.16	0.57	-2.96	8.73	+4.70	5.12	-0.81	55.39	+ 2.71
Whitecliffs	0.85	-3.05	1.48	-1.67	1.34	-2.85	7.55	+2.51	8.79	+4.41	4.82	+1.26	7.06	+4.01	3.92	+1.25	0.20	-2.39	3.10	+0.03	6.38	+3.35	4.47	+0.45	49.96	+ 7.31
White Rock	0.91	......	2.07	.. ..	1.01	......	7.76	......	2.08	......	4.01	......	0.92	......	6.35	......	1.62	......	3.37	......	5.62	......	3.60	......	39.32	......
Wilson	....	......	5.02	+1.87	3.10	-2.31	4.70	-0.59	2.41	-2.59	1.12	-2 19	0.43	- 3.59	3.55	-0.37	2.15	-0.01	0 72	-2.59	2.80	- 1.31	3.77	-1.25	....	......
Wright	....	......	....	......	....	......	....	......	....	......	....	......	2.23	......	4.30	......	3.53	......	1.80	......	4 19	......	3.28	......	....	......
Wynne	2.43	-2.73	6.19	+2.51	2.16	-2.69	9.55	+4.33	2.31	-2.41	2.73	-1 17	3 57	-0.15	4.43	+0.72	0.75	-2.76	1.22	-2.47	4.08	+0.17	4.14	-0.71	43.56	- 7.36

Monthly Precipitation for Year, 1940 Hydrological Stations

Station	Drainage Basin	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alicia ^{1} ‡	White	1.80	3.50	3.14	6.14	2.67	1.25	1.15	3.70	1.10	1.06	5.49	3.82	34.82
Antoine(near) ^{2}	Ouachita	....	....	....	4.58	6.70	4.00^{a}	8.40	3.62	.30	2.63	7.78	2.02	....
Beaty Lake(near)	St. Francis	2.21	5.04	3.15	5.55	4.86	2.53	2.32	3.73	1.04	1.22	3.58	4.78	40.05
Beedeville ^{2}	White	....	....	2.86^{a}	6.57	3.17	2.36	1.29	4.30	.97	1.27	4.60	3.74	....
Blue Mountain ^{2}	Arkansas	1.50	3.42	1.48	7.18	2.43	5.08	2.15	7.09	2.40	1.20	3.30	4.05	41.28
Briggsville ^{1} ‡	Arkansas	1.27	3.46	1.59	6.46	3.94	3.38	4.19	3.81	1.50	2.72	6.32	2.77	41.41
Cabot ^{2}	Arkansas	0.97	3.14	2.37	4.32	2 96	3.50	1.00	4.25	2.91	2.45	9.31	2.80	39.98
Carlisle ^{2}	Arkansas	....	....	1.80	6.14	3.67	3.52	2.64	3.51	4.60	1.90	5.65	3.12	....
Carpenter Dam ^{1}	Ouachita	1.10	3.17	1.12	6.60	3.77	3.91	2.20	2.73	1.16	2.91	5.41	2.49	36.57
Clarksville ^{1} ‡	Arkansas	....	....	....	7.25	2.94	4.71	2.16	7.07	3.33	1.74	5.21	....	....
Clay SCS ^{2}	Arkansas	1.72	2.59	2.05	6.27	2.52	4.43	....	....	....	....	6.88	3.08	....
Compton ^{1} ‡	White	1.66	1.26	0.98	8.06	2.08	5.95	2.71	4.19	3.34	1.63	2.92	2.73^{b}	37.51^{b}
Denmark ^{2}	White	....	....	2.77^{b}	6.52	4.41	2.92	1.17	5.39	.96	1.25	7.52	3.22	....
Dermott ^{2}	Mississippi	....	....	....	9.61	3.16	3.48	10.30	6.00	2.31	1.22	7.72	5.57	....
Eleven Point ^{2}	White	1.73	2.59	3.18	5.43	2.91	3.68	1.07	7.31	2.07	.31	6.27	2.72	39.27
Evening Shade ^{2}	White	1.66	2.60	3.09	5.32	1.71	4.54	5.56	6.14	1.43	.81	5.73	2.23	40.82
Foreman ^{1} ‡	Red	1.31	1.57^{j}	....	4.32^{j}	6.17	6.96^{j}	10.27	3.26^{h}	.24^{e}	3.99	6.83^{a}	4.21^{a}	....
Green Forest ^{2}	White	....	....	....	7.40	3.10	4.87	3.80	5.60	3.60	2.10	3.70	3.34	....
Greenwood ^{2}	Arkansas	0.87	2.14	1.41	6.56	3.41	2.33	1.71	5.66	.90	2.62	4.96	3.24	35.81
Hardy ^{1} ‡	White	1.85	1.42	1.43	6.35	0.79	2.96	2.28	5.30^{f}	1.38	1.01	6.39	2.82	33.98^{f}
Harrisburg ^{2}	St. Francis	....	....	3.34	5.64	3.41	1.20	1.05	4.23	....	....	3.52	4.25	....
Huntsville ^{2} ‡	White	1.08	2.00	1.87	5.50	2.20	8.77	6.71	4.42	7.28	2.11	3.18	3.63	48.75
Jacksonville ^{2}	Arkansas	1.05	3.15	1.74	4.43	3.34	4.24	1.48	2.46	2.00	2.07	7.12	3.55	36.63
LaCrosse ^{2}	White	2.23	2.99	2.60	5.75	4.13	4.41	2.91	6.80	1.34	1.28	7.19	2.11	43.74
Lake City ^{2}	St. Francis	....	....	2.00	7.33	3.34	1.09	1.18	6.09	.68	1.42	3.53	4.65	....
Marvell ^{2}	White	....	....	2.80	7.27	1.79	9.19	6.40	2.85^{i}	3.13	1.95	3.51	3.63	....
Mountain View ^{2}	White	....	....	....	6.27	3.54	3.75	1.98	5.89	1.01	1.85	7.22	2.66	....
Newhope(near) ^{2}	Ouachita	....	....	....	8.54	8.46	6.03	5.09	2.21	.54	2.54	12.03	3.38	....
Nimrod ^{2} ‡	Arkansas	1.30	3.06	1.81	6.22	2.46^{a}	5.17	1.55	4.93	.69	2.45	7.64	2.06	39.83^{e}
Odell (near)	Arkansas	1.01	1.57	0.78	7.52	2.57	3.48	0.20	6.04	3.94	1.75^{o}	....	3.77	....
Parthenon ^{2} ‡	White	....	....	....	7.37	2.17	7.94	1.85	7.00	4.37	1.91	3.29	3.63	....
Pottsville ^{2}	Arkansas	1.32	0.94	1.40	4.93	2.90	6.45	....	....	....	....	4.98	3.36	....
St. Paul ^{2}	White	0.98	1.74	1.21	7.72	2.08	5.15	3.03	6.18	4.52	2.93	4.49	2.89	42.92
Shirley ^{2}	White	1.30	1.82	1.99	6.55	3.78	3.45	2.36	4.45	.72	1.99	7.18	2.26	37.85
Solgahachie ^{2}	Arkansas	1.20	2.00	2.05	6.20	2.80	4.66	1.23	6.00	.68	1.68	6.70	1.33	36.53
Sparkman ^{2}	Ouachita	....	....	0.91^{o}	5.67	3.55	2.35	6.63	4.84	.67	2.11	6.77	5.49	....
Tichnor ^{2}	White	....	....	1.89^{n}	6.86	1.99	4.81	7.68	5.02	3.59	1.32	5.92	4.75	....
Vick ^{2}	Ouachita	....	....	....	6.95^{d}	0.52	5.46^{a}	10.01	1.02	1.50	0.00	8.40	3.71	....
Wheeling ^{1} ‡	White	1.50	1.37	2.24	8.67^{d}	0.55	3.46^{b}	1.97^{f}	5.95	1.17	1.23	3.20^{a}	2.84	34.15^{n}
Winfrey ^{1} ‡	Arkansas	0.39	0.48^{n}	0.99	6.89	2.45	5.18^{a}	0.14	5.70	2.88	2.95	4.13	3.47	35.65^{o}

Monthly and Annual Mean Temperatures for the Year 1940, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	29.9	......	42.4	......	52.4	......	60.8	......	66.9	......	74.6	......	78.0	......	77.6	......	71.8	......	66.4	......	49.8	......	47.4	......	59.8	......
Arkadelphia	30.6	......	42.2	......	52.9	......	60.8	......	67.7	......	75.9	......	79.0	......	77.8	......	72.4	......	65.0	......	50.9	......	48.1	......	60.3	......
Batesville (Airway)	26.4	-12.0	40.8	0.0	49.6	-0.6	59.0	+0.2	66.2	-0.8	76.1	+0.7	78.8	-1.0	78.2	-0.8	70.6	-2.0	65.1	+4.5	48.1	+1.1	45.5	+6.5	58.7	-0.6
Bee Branch	28.2	-12.8	42.2	-0.6	51.0	-0.8	60.4	-0.6	66.7	-1.6	75.8	-1.1	79.6	-1.0	....	......	....	......	....	......	49.0	-1.8	46.4	+4.4	....	......
Benton	27.4	....	39.8	......	50.2	......	59.1	......	64.6	......	73.3	......	76.4	......	76.2	......	69.6	......	62.4	......	47.9	......	45.9	......	57.7	......
Bentonville	21.2	-15.0	37.8	-1.9	48.0	-0.4	56.8	-0.8	64.2	-0.8	73.0	-0.4	77.0	-0.4	75.1	-1.6	68.7	-2.1	63.9	+5.0	46.0	-2.2	42.6	+4.6	56.2	-1.3
Blytheville	25.2[a]	-16.8	39.4	-5.8	49.8	-1.8	59.2	-2.4	66.8	-3.4	77.2	-0.6	79.2	-2.8	79.5	-0.1	71.8	-2.6	65.8	+2.4	48.8	-2.6	45.8	+3.2	59.0	-2.8
Booneville	28.2	-13.6	42.8	-3.4	52.6	-0.6	60.3	-1.9	67.0	-2.8	75.4	-0.8	78.7	-3.3	77.8	-4.3	71.5	-4.1	66.0	+2.0	49.6	-3.0	46.3	+2.5	59.7	-2.8
Brinkley	27.6	-14.8	40.4	-3.8	51.1	-2.2	58.8	-3.2	65.2	-4.8	74.0	-3.8	76.8	-4.3	76.8	-3.6	69.6	-5.2	62.8[d]	+0.2	49.0	-2.9	....	......	....	......
Camden	33.4	-10.6	46.0	-1.2	56.0	+1.0	62.8	-0.6	67.7	-3.1	73.7	-4.7	79.8	-1.4	79.0	-1.6	72.2	-3.3	66.5	+2.6	52.5	+0.3	50.2	+5.2	61.6	-1.5
Conway	29.4	-12.8	43.4	-1.0	53.0	-0.8	61.4	-0.7	68.0	-2.0	75.8	-2.5	79.4	-2.6	79.4	-2.2	72.2	-3.1	65.2	+1.7	49.8	-2.1	47.4	+4.6	60.4	-1.9
Corning	24.6	-13.6	40.5	+0.5	50.2	-0.5	59.4	-0.6	67.1	-0.9	76.8	+0.8	78.8	-1.0	78.9	+0.4	71.3	-1.3	64.8	+4.8	47.8	-0.8	44.4	+4.5	58.7	-0.7
Crossett	33.3	-12.9	46.0	-3.4	56.2	+0.8	62.5	-2.3	67.6	-4.2	75.4	-4.0	78.9	-3.5	78.2	-3.8	71.7	-3.8	64.8	-1.0	52.6	-1.4	50.0	+3.4	61.4	-3.0
Dardanelle	29.1	-12.3	43.5	-1.3	53.3	+0.5	61.6	-0.7	68.8	-1.0	76.9	-1.3	81.8	-0.2	80.6	-0.2	73.6	-1.6	66.8	+3.4	50.2	-1.7	47.7	+5.3	61.2	-0.9
De Queen	32.2	......	45.4	......	55.7	......	62.2	......	68.7	......	76.3	......	79.7	......	78.8	......	73.2	......	66.7	......	51.6	......	49.9	......	61.7	......
Devils Knob	22.4	......	36.4	......	47.6	......	55.1[c]	......	63.2	......	70.9	......	74.4	......	73.3	......	68.6	......	63.6	......	45.2	......	44.4	......	55.4	......
Dumas	31.6	-13.3	44.7	-4.3	55.8	+0.5	62.3	-1.3	68.7	-2.5	77.1	-2.3	79.8	-2.5	80.0	-1.5	73.4	-2.7	65.7	+0.5	52.2	-1.5	49.6	+3.0	61.7	-2.4
El Dorado	31.7	-11.7	47.6	-1.4	56.5	+0.3	64.6	-0.2	70.6	-0.8	78.0	-1.6	81.0	-1.4	79.8	-2.4	74.1	-3.1	68.6	+2.6	54.8	-0.8	51.2	+4.4	63.5	-1.3
England	28.7[d]	-14.7	43.3[a]	-3.5	53.4[a]	-1.0	59.9[c]	-2.9	68.0[c]	-0.9	76.6	-1.4	79.4	-2.2	78.7	-2.1	70.4	-5.0	65.8	+1.8	50.6	-2.6	48.2	+4.2	60.2	-2.6
Eureka Springs	23.0	-15.6	39.1	-2.1	50.0	-0.1	58.0	-1.0	65.1	-1.3	74.4	0.0	77.2	-1.4	75.4	-3.0	70.2	-1.8	66.0	+5.2	47.8	-3.1	44.4	+4.6	57.6	-1.6
Fayetteville	23.6	......	39.6	......	50.3	......	58.0	......	65.5	......	73.6	......	77.8	......	75.4	......	68.4	......	63.0	......	46.6	......	43.6	......	57.1	......
Fayetteville Exp.	23.4	-15.0	39.4	-1.0	50.0	-0.5	57.4	-1.0	64.7	-1.5	73.1	-1.3	77.3	-1.3	74.8	-3.4	68.7	-3.4	63.8	+3.0	46.6	-2.9	44.0	+4.0	56.9	-2.0
Fort Smith	26.4	-13.1	41.8	-1.0	52.3	-0.3	59.9	-1.9	68.5	-1.1	76.8	-0.7	81.0	-0.5	78.9	-1.6	72.4	-1.6	67.2	+4.4	49.6	-1.4	46.0	+3.9	60.0	-1.5
Gilbert	23.5	......	37.4	......	46.9	......	56.6	......	63.0	......	72.0	......	75.2	......	75.0	......	67.6	......	60.6	......	44.6	......	41.4	......	55.4	......
Grannis	30.8	-11.2	43.6	-2.0	53.8	+2.4	60.1	-0.3	65.7	-1.3	73.6	-1.8	76.6	-2.8	75.9	-3.5	71.1	-2.5	66.5	+3.7	50.2	-0.8	48.4	+3.8	59.7	-1.3
Gravette	19.7	-17.4	36.8	-2.3	47.2	+1.2	55.2	-2.0	64.2	-1.2	73.7	0.0	78.6	+0.8	75.6	-2.0	68.9	-1.9	62.8	+3.1	43.6	-5.4	42.3	+4.1	55.7	-1.9
Green Mountain	....	......	....	......	49.0	......	58.0	......	65.6	......	74.5	......	78.0	......	76.8	......	71.0	......	....	......	47.2	......	45.0	......	....	......
Harrison	23.4	-13.5	38.2	-0.8	48.2	-0.4	57.9	+0.4	65.6	-0.2	74.3	+0.9	78.2	+0.8	76.6-	-0.4	68.6	-1.6	61.6	+2.2	45.7	-3.0	43.2	+5.2	56.8	-0.9
Helena	28.2	-15.0	42.0	-3.1	52.9	-0.7	60.2	-2.5	66.0	-4.8	75.0	-3.4	77.2	-4.4	77.8	-2.8	71.5	-3.9	65.8	+2.2	50.6	-2.4	48.1	+3.5	59.6	-3.1
Highland	32.6	......	41.6	......	54.9	......	61.2	......	67.5	......	75.0	......	78.8	......	77.2	......	72.5	......	66.6	......	50.9	......	48.3	......	60.8	......
Hope	31.6	-14.1	43.1	-5.3	53.7	-2.9	61.1	-2.9	68.0	-3.0	75.8	-3.2	79.0	-2.8	78.1	-4.3	72.4	-4.2	65.8	-0.1	50.9	-3.3	48.2	+1.2	60.6	-3.8
Hot Springs	31.6	-12.0	43.4	-3.6	55.8	+2.1	63.0	+0.2	66.2	-3.6	74.2	-4.0	77.7	-4.1	77.2	-3.9	72.0	-3.7	66.4	+2.0	49.7	-3.1	47.8	+3.7	60.4	-2.5
Irons Fork	25.4	......	37.7	......	49.5	......	57.2	......	63.0	......	70.4	......	74.6	......	73.2	......	67.4	......	62.2	......	46.2	......	44.3	......	55.9	......
Jonesboro	25.6	-15.0	40.0	-2.4	49.8	-2.4	59.0	-2.4	66.6	-2.9	72.6	-1.5	78.8	-1.8	78.6	-1.5	71.4	-3.1	65.4	+2.8	48.4	-2.8	45.8	+4.4	58.8	-2.4
Lead Hill	21.0	-17.4	36.6	-1.8	44.4	-4.4	55.0	-4.4	60.6	-6.8	73.5	-1.9	76.9	-3.3	75.8	-3.0	67.8	-4.4	58.2	-2.6	44.2	-4.2	39.8	0.0	54.5	-4.5
LITTLE ROCK	29.0	-12.4	42.5	-2.4	52.4	-0.6	60.4	-1.7	67.5	-2.8	76.0	-1.4	78.8	-2.1	78.6	-1.2	72.6	-1.5	66.6	+3.0	51.0	-1.1	48.2	+4.0	60.3	-1.7
Little Rock (Airway)	28.1	......	41.7	......	52.0		59.8	......	66.6	......	75.6	......	79.0	......	78.7	......	71.6	......	64.8	......	50.0	......	47.3	......	59.6	......
Lutherville	26.8	-13.5	41.1	-1.3	50.6	-1.0	58.8	-1.5	65.9	-2.1	74.6	-1.5	78.4	-1.7	77.3	-2.4	71.0	-3.0	66.3	+4.0	48.4	-2.6	45.8	+4.4	58.8	-1.8
Magnolia	35.4	-12.2	48.0	-3.4	57.5	+0.7	64.4[a]	-0.2	70.2[a]	-1.2	77.6	-1.8	81.0	-1.6	79.6	-2.9	74.2	-2.4	68.5	+1.6	54.1	-0.9	51.9	+3.9	63.5	-1.7
Mammoth Spring	23.4	-14.4	33.6	-1.7	48.2	-1.6	57.8	-1.4	64.6	-1.4	75.7	+1.3	77.4	-1.2	77.1	-0.4	69.7	-1.7	63.3	+4.1	46.6[a]	-2.1	42.4	+3.0	57.1	-1.4
Marianna	29.0	-13.5	42.4[c]	-3.4	53.4[b]	-0.6	60.9[b]	-1.4	68.4	-1.8	76.4	-2.2	78.7	-2.5	77.4	-2.6	71.0	-3.1	64.6[a]	+1.1	50.2[a]	-2.1	48.0[a]	+4.3	60.0	-2.4
Marked Tree	22.9	-16.6	37.6	-6.0	48.2	-2.2	57.8	-3.4	65.8	-3.2	76.4	-1.6	77.3	-3.8	77.6	-1.6	70.6	-3.0	63.9	+2.7	47.4	-1.8	43.6	+2.4	57.4	-3.2
Mena	29.0	-12.6	43.2	-1.0	53.8	+1.5	60.4	-1.1	66.6	-2.0	74.6	-2.0	77.8	-2.4	76.6	-3.3	71.2	-2.8	66.3	+3.3	50.0	-2.2	47.6	+5.0	59.8	-1.6
Monticello (Airway)	31.8	......	45.2	......	56.4	......	61.4	......	68.7	......	76.6	......	78.8	......	78.8	......	74.0	......	67.8	......	52.8	......	50.0	......	61.9	......
Morrilton	26.4	-14.9	40.3	-5.1	50.0	-0.8	59.3	-2.9	67.2	-1.8	76.1	-2.5	79.2	-3.7	77.8	-3.9	70.8	-4.2	64.0	+0.8	47.4	-3.5	45.2	+1.5	58.7	-3.4
Mountain Home	23.7	-14.4	39.4	-2.9	48.2	-1.8	58.0	-0.9	64.8	-1.3	73.9	-1.1	78.2	-1.0	77.2	-0.8	70.1	-1.6	64.4	+3.9	46.3	-2.3	43.8	+3.4	57.4	-1.7
Mount Ida	29.5	-11.9	43.2	-2.4	52.6	+0.4	60.2	-1.0	65.2	-2.8	73.4	-2.6	77.5	-2.5	76.1	-3.3	70.2	-3.0	63.6	+1.8	48.8	-1.8	46.3	+3.5	58.9	-2.1
Nashville	32.3	......	45.4	......	55.2	......	62.2	......	68.5[l]	......	75.8	......	79.2	......	78.1	......	73.0	......	66.9	......	51.5	......	49.7	......	61.5	......
Newport	27.0	-12.8	41.0	-1.0	51.2	-1.1	60.2	-1.8	67.6	-2.2	76.5	-1.4	79.1	-2.2	79.2	-0.8	71.6	-2.6	64.9	+2.9	49.4	-1.6	46.8	+4.6	59.5	-1.7
Oden	29.5	......	42.4	......	51.3	......	59.8	......	66.4	......	73.9	......	77.6	......	77.5	......	71.4	......	65.0	......	49.0	......	46.1	......	59.2	......
Okay	33.8	......	47.4	......	57.5	......	63.9	......	68.4	......	76.3	......	80.0	......	79.2	......	73.0	......	66.6	......	52.6	......	50.2	......	62.4	......
Ozark	28.6	-12.2	42.4	-1.0	52.1	-0.3	59.8	-2.2	67.4	-2.2	75.8	-2.1	80.2	-1.9	78.6	-3.1	71.2	-4.5	65.4	+1.9	48.0	-3.4	45.9	+4.7	59.6	-2.2
Paragould	25.1	......	39.0	......	48.5	......	57.8	......	65.6	......	76.0	......	78.4[c]	......	77.8	......	69.7	.	62.8	......	47.2	......	44.8	......	57.7	......
Pine Bluff	32.2	-11.7	45.2	-1.3	55.7	+0.9	62.4	-1.2	68.6	-2.8	76.5	-2.7	79.2	-3.2	79.8	-2.0	73.8	-1.4	67.9	+3.3	52.2	-1.1	49.3	+4.2	61.9	-1.6
Pocahontas	25.0	-13.9	39.6	-2.0	48.8	-2.2	58.6	-1.6	65.4	-2.9	75.5	-1.1	78.4	-2.0	78.0	-1.4	70.8	-2.6	64.6	+2.9	47.1	-3.0	44.2	+4.0	58.0	-2.2
Portland	31.9	-15.1	44.8	-4.9	56.2	-0.5	62.4	-2.2	68.0	-3.6	75.6	-3.8	77.8	-4.0	77.5	-3.9	71.0	-5.3	64.0	-0.9	52.6	-1.7	49.8	+2.2	61.0	-3.6
Prescott	31.4	-10.2	46.6	-0.8	57.6	+2.0	64.1	+0.6	70.2	-0.2	77.7	-1.1	81.0	-1.1	79.6	-2.0	74.7	-1.5	68.4	+3.5	53.3	-0.9	50.2	+4.4	63.2	-0.6
Rogers	22.6	-14.8	39.0	-0.5	49.2	+0.2	57.8	-0.7	64.6	-1.2	73.0	-0.6	76.2	-1.4	74.7	-2.7	68.0	-3.2	62.4	+2.6	46.4	-2.6	42.8	+3.8	56.4	-1.8
Russellville	29.8	-9.8	43.6	+3.7	52.8	+0.5	62.4	+1.4	69.0[b]	-0.6	77.7[d]	+0.1	79.2[a]	-2.0	....	......	72.5	-0.9	66.2	-0.4	49.1	-2.3	47.0	+6.5	....	......
St. Charles	28.0	......	42.0	......	52.6	......	60.8	......	67.6	......	76.2[b]	......	78.3	......	77.0	......	71.1	......	64.0	......	51.2[c]	......	47.8	......	59.7	......
Searcy	28.7	-12.1	41.8	-3.3	51.6	-0.6	59.9	-1.8	67.1	-1.4	76.8	-0.5	79.8	-1.2	79.6	-0.5	72.6	-1.7	65.7	+3.1	49.1	-1.9	46.8	+4.0	59.9	-1.5
Stuttgart	30.2	-12.8	43.2	-2.0	53.6	-0.2	61.2	-1.2	67.4	-2.5	76.7	-1.3	79.0	-2.2	79.7	-1.0	72.4	-2.7	65.5	+2.1	50.4	-2.0	47.7	+3.7	60.6	-1.8
Stuttgart (Evap)	26.8	......	41.4	......	51.5	......	59.5	......	66.9	......	76.2[a]	......	78.6	......	78.8[a]	......	72.1	......	64.6	......	49.8	......	46.8	......	59.4	......
Subiaco	27.0[e]	-14.7	43.3	-0.5	52.8	-0.4	60.3	-1.5	68.4	-1.5	76.6	-1.2	80.6	-1.4	78.8[a]	-2.8	72.6	-1.7	67.0	+3.4	49.5[a]	-3.3	46.4	+3.7	60.3	-1.8
Texarkana	36.0	-10.3	48.0	-0.4	57.6	+1.4	64.5	+0.3	69.8	-1.6	77.2	-1.9	80.3	-2.2	79.4	-2.9	75.2	-6.6	69.8	+4.0	54.0	-1.2	51.8	-0.1	63.6	-1.8
Thornburg	27.4	-13.3	40.8	-3.6	50.2	-1.5	58.5	-1.7	65.5	-1.9	73.3[a]	+2.9	76.4	-3.4	76.2	-3.0	69.2	-3.4	....	......	48.1	-2.7	45.8	+4.7	....	......
Turnpike	22.8	......	36.7	......	47.0	......	54.6	......	62.6	......	71.2	......	73.4	......	73.2	......	68.2	......	63.8	......	45.4	......	45.0	......	55.3	......
Waldron	....	......	44.8	......	52.9[a]	......	61.0[b]	......	66.3[l]	......	75.1[b]	......	79.8[l]	......	77.8[a]	......	71.3[a]	......	65.2	......	50.2[b]	......	47.3[a]	......	....	......
Warren	33.4	-11.9	45.1	-2.1	57.0	+1.0	62.6	-1.0	68.6	-2.8	76.0	-3.3	79.2	-3.2	78.8	-2.8	73.0	-3.1	66.6	+2.2	53.0	-0.8	50.6	+5.4	62.0	-1.9
White Rock	22.8	......	38.6	......	48.1	......	55.8	......	64.3	......	73.0	......	75.6[a]	......	74.8	......	69.4	......	65.1	......	46.0	......	45.0	......	56.5	......
Wilson	25.5	-16.1	39.6	-5.6	49.3	-2.8	59.6	-1.4	67.1	-2.3	76.7	-0.2	78.2	-2.6	78.2	-0.4	70.2	-3.6	64.2	+1.4	48.8	-1.7	46.4	+4.6	58.6	-2.5
Wynne	28.4	-12.6	42.2	-2.1	53.0	+1.4	60.2	-1.2	66.5	-2.8	75.9	-1.9	78.7	-2.4	79.0	-1.0	71.7	-2.8	65.4	+2.9	49.8	-1.0	47.2	+5.2	59.9	-1.5

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

Monthly and Annual Evaporation, Mean temperature and Wind (miles per hour) for year 1940

Year	Data	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Hope	Evaporation	2.335	2.541	4.583	6.430	6.688	6.570	7.392	6.563	5.682	5.980	3.081	2.239	60.084
	Mean temperature	31.6	43.1	53.7	61.1	68.0	75.8	79.0	78.1	72.4	65.8	50.9	48.2	60.6
	Wind movement	2.1	2.5	2.6	2.7	1.8	1.4	1.4	1.2	1.1	1.1	1.8	2.1	1.8
Irons Fork	Evaporation	3.624	1.173	2.906	3.984	4.754	4.123	4.394	4.037	3.395	2.712	1.169	0.654	36.925
	Mean temperature	25.4	37.7	49.5	57.2	63.0	70.4	74.6	73.2	67.4	62.2	46.2	44.3	55.9
	Wind movement	0.6	0.8	0.9	1.2	0.6	0.4	0.4	0.3	0.1	0.2	....	0.5	....
Russellville	Evaporation	1.294	2.425	4.192	5.098	7.624	7.197	7.394	6.745	5.322	4.413	1.805	1.434	54.943
	Mean temperature	29.8	43.6	52.8	62.4	69.0[a]	77.7[b]	79.2[a]	...	72.5	66.0	49.1	47.0	....
	Wind movement	2.0	2.1	2.1	2.2	1.3	1.1	0.8	0.8	0.7	0.6	1.0	1.2	1.3
Stuttgart	Evaporation	0.592	1.281	3.342	4.413	5.830	5.540	5.529	5.502	4.769	[a]3.867	1.679	1.123	43.467
	Mean temperature	26.8	41.4	51.6	59.5	66.9	76.2[a]	78.6	78.8[a]	72.1	64.6	49.8	46.8	59.4
	Wind movement	2.6	3.5	3.5	3.8	2.4	1.9	1.5	1.2	1.0	1.2	2.3	2.4	2.3

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1940

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	5.0	4.0	4.3	6.9	4.2	5.1	6.0	4.2	4.9	13.0	4.5	8.3	17.2	4.7	8.4	9.0	4.4	6.4	9.0	4.0	5.1	4.9	3.8	4.3	6.0	3.7	4.3	6.0	3.8	4.7	18.2	4.5	6.8	9.7	7.1	8.2
ArkansasCity	3.1	-1.2	1.2	19.6	-1.9	6.5	22.4	14.5	18.9	27.8	13.7	20.8	30.8	11.0	22.1	14.4	11.6	13.3	13.9	4.0	10.3	11.2	1.6	4.4	11.3	-0.9	4.6	-0.2	-3.6	-2.2	2.0	-3.5	-1.0	9.7	3.0	6.2
Batesville...	6.6	4.8	5.4	7.7	4.6	5.6	9.5	6.0	7.4	26.3	7.5	13.2	15.6	5.6	9.1	9.9	5.1	6.1	8.6	4.6	5.7	8.6	4.5	5.8	6.7	4.3	3.9	6.7	4.0	4.5	8.9	4.0	5.1	12.1	5.3	8.0
Benton	5.1	3.9	....	9.8	4.1	5.8	5.4	4.5	4.9	13.9	4.9	7.3	10.1	4.7	6.3	12.5	4.4	6.6	5.6	3.8	4.5	6.0	3.6	4.2	3.8	3.0	3.3	3.3	2.8	2.9	13.5	3.4	5.5	8.3	5.6	6.6
Big Lake Out	4.6	3.0	3.6	9.6	3.5	5.9	9.0	6.1	7.8	13.2	6.6	9.6	12.4	6.5	9.3	6.4	4.8	5.4	5.9	4.4	4.9	4.7	3.7	4.1	3.7	2.9	3.1	2.9	2.6	2.8	3.4	2.6	3.0	6.0	3.2	4.4
Black Rock..	3.7	1.4	2.4	4.6	1.7	2.6	7.3	2.4	4.6	17.9	4.2	11.8	18.2	3.4	8.4	5.1	2.1	2.8	2.7	1.4	1.9	3.7	1.3	2.5	2.1	1.1	1.4	1.1	0.9	1.0	4.8	0.9	1.8	4.7	1.9	3.2
Boughton...	4.4	3.4	3.7	6.8	3.4	4.7	9.0	4.0	5.1	16.3	4.2	9.7	17.1	5.0	10.6	10.9	5.0	7.3	15.6	4.0	7.4	5.2	3.4	4.0	3.5	3.1	3.2	3.5	3.1	3.2	18.6	3.3	6.7	13.6	6.0	8.7
CalicoRock..	1.7	0.0	0.7	2.2	0.0	0.7	3.8	0.7	1.8	21.9	1.7	6.7	8.5	0.7	3.3	4.4	0.3	1.2	3.9	-0.2	1.0	4.0	-0.3	1.8	2.9	0.5	1.1	2.1	0.3	0.7	4.5	0.3	1.2	7.0	1.1	3.5
Camden......	4.9	4.0	4.3	9.1	4.2	6.0	12.5	4.0	6.5	20.2	5.5	13.8	24.4	6.3	13.9	18.8	6.0	10.4	28.4	4.6	13.3	6.2	4.3	5.0	5.0	3.9	4.3	5.4	3.9	4.5	23.6	4.4	9.1	22.2	11.4	16.7
Clarendon...	10.6	7.5	8.8	15.7	8.8	11.4	15.7	12.5	14.2	27.8	14.1	21.3	27.7	14.1	23.4	13.5	9.8	11.4	10.8	7.7	9.1	10.5	7.3	8.8	9.0	6.2	7.5	7.0	5.6	6.1	12.5	5.4	6.9	17.8	10.8	14.1
Cotter	3.7	2.7	....	4.2	2.5	3.1	5.8	2.6	4.1	18.1	3.9	7.1	8.7	2.0	4.5	4.2	1.6	2.5	5.4	1.2	2.7	5.5	1.4	2.7	3.7	1.3	2.0	2.2	1.2	1.6	4.6	1.2	2.0	7.7	2.2	4.4
Danville	2.8	2.7	2.7	10.2	2.7	4.4	4.4	3.1	3.4	17.8	3.5	9.4	19.3	3.1	5.2	8.8	2.9	3.4	10.8	2.8	3.5	11.7	2.6	3.6	4.0	2.5	2.8	2.7	2.2	2.3	11.4	2.2	3.8	16.4	3.2	7.0
Dardanelle..	2.7	0.9	1.4	3.2	0.8	1.8	2.6	1.4	1.9	11.4	1.7	6.2	12.6	4.0	6.4	7.6	2.4	4.6	8.0	2.5	4.9	13.7	0.9	3.7	16.5	1.6	5.1	3.3	0.6	1.2	13.9	0.8	2.6	12.1	4.1	6.7
Des Arc......	7.7	4.2	5.7	11.0	5.4	7.4	11.2	6.7	8.7	24.9	9.8	18.2	23.5	8.8	17.7	8.5	5.3	6.9	6.8	3.7	4.9	6.8	3.4	4.8	5.2	2.0	3.4	3.1	1.7	2.1	10.0	1.6	3.7	14.0	6.3	9.7
Fulton	4.6	2.9	3.4	6.2	3.0	4.7	5.4	3.6	4.3	19.8	4.4	10.9	24.6	8.1	14.9	24.2	9.2	14.7	22.3	8.3	14.3	14.0	4.7	7.7	7.1	4.1	5.5	4.1	2.8	3.4	18.9	3.1	7.5	18.4	8.1	13.3
Georgetown .	4.1	1.1	2.2	6.5	1.7	3.5	8.8	4.0	6.1	22.7	8.0	16.4	21.3	5.5	14.7	6.0	2.7	4.1	4.2	1.0	2.4	4.5	0.6	2.3	2.5	-0.4	0.8	0.7	-1.2	-0.5	6.9	-0.6	0.1	11.3	3.2	6.7
Gilbert	3.6	2.9	3.2	4.2	2.9	3.4	4.4	3.4	3.6	9.5	4.0	5.5	8.3	3.3	4.3	6.1	3.1	3.9	4.3	2.9	3.3	3.9	2.9	3.3	4.1	2.9	3.1	3.3	2.8	3.0	6.3	2.8	3.3	6.1	3.3	4.3
Glenwood ...	5.4	5.0	5.1	6.6	5.0	5.4	5.3	5.1	5.2	9.6	5.2	6.1	7.3	5.4	6.0	5.8	5.3	5.5	6.4	5.2	5.4	5.5	5.2	5.3	5.3	5.1	5.2	5.2	5.0	5.2	13.1	5.1	5.9	6.4	5.2	5.5
Heber Spgs..	4.9	2.8	3.4	7.2	2.8	4.0	6.6	3.9	4.5	15.4	4.8	8.3	15.7	3.4	5.6	5.3	2.6	3.7	3.0	2.1	2.5	3.5	1.9	2.5	2.8	1.7	2.1	1.7	1.4	1.6	11.8	1.5	3.2	7.6	3.8	5.5
Helena	5.0	-0.7	2.4	27.1	2.2	11.1	30.8	18.4	25.4	37.5	18.3	27.9	40.5	12.3	26.5	18.8	14.5	17.1	17.6	6.7	13.3	14.7	4.9	7.7	13.7	1.8	7.1	3.5	-0.5	0.9	4.5	-0.2	2.8	2.7	4.8	8.5
Index	6.0	5.4	5.7	8.0	5.6	6.5	6.7	5.8	6.1	18.2	6.1	10.6	19.8	8.7	13.2	18.7	9.5	13.2	16.6	9.8	12.9	13.9	6.4	8.5	8.8	5.8	6.9	5.8	5.0	5.3	17.0	5.1	8.2	5.4	8.7	12.0
Little Rock..	-0.3	-1.5	-1.0	1.1	-1.3	-0.3	0.5	-0.6	-0.3	8.5	-0.4	3.9	9.9	1.4	4.0	4.4	0.2	2.3	4.0	0.5	1.9	8.8	-1.1	1.1	11.7	-0.6	2.3	0.4	-1.8	-1.2	10.4	-1.8	0.1	10.8	2.3	4.6
Madison.....	2.6	0.4	1.3	7.0	1.2	5.1	11.0	7.6	9.0	19.0	8.6	12.4	22.5	8.1	16.4	7.6	2.5	4.9	3.8	2.6	3.1	2.5	1.4	2.0	1.7	0.3	1.1	0.8	0.0	0.4	1.7	-0.5	0.4	13.4	0.2	2.0
MarkedTree.	5.9	0.4	2.3	7.8	0.8	4.5	5.6	5.2	5.4	7.8	3.7	6.1	8.0	5.7	7.0	7.0	2.0	6.0	5.7	4.0	5.3	5.4	1.3	3.8	4.4	0.6	2.6	3.0	0.4	1.8	3.5	0.2	1.8	6.4	2.3	4.6
Morrilton ...	-2.4	-3.7	-3.2	-0.9	-3.7	-2.6	-1.6	-3.0	-2.5	8.2	-2.7	2.6	9.9	-0.8	2.8	3.8	-1.8	0.7	3.6	-1.4	0.8	9.3	-3.2	-0.5	13.0	-2.6	1.0	-0.9	-4.0	-3.2	10.8	-3.9	-1.4	9.7	0.5	3.4
Mulberry....	2.0	1.3	1.5	2.0	1.2	1.5	2.1	1.4	1.5	8.3	1.8	3.3	5.2	1.3	2.0	1.4	1.1	1.2	1.2	0.8	0.9	1.9	0.7	1.1	2.3	0.8	1.0	0.8	0.7	0.8	3.3	0.9	1.3	4.7	1.3	2.0
Newport	2.6	0.3	1.2	3.5	0.4	1.6	7.2	2.1	4.2	24.4	4.9	15.2	19.6	2.8	10.0	5.3	1.1	2.4	3.8	0.4	1.5	3.8	0.2	1.6	1.9	-0.5	0.2	0.9	0.1	0.6	4.8	0.1	1.1	9.5	0.8	4.3
Ozark	-0.8	-1.1	-0.9	0.2	-1.1	-0.8	0.9	-0.8	-0.3	8.0	0.8	2.7	9.3	1.2	3.2	4.4	0.1	1.7	4.5	0.3	2.0	11.0	-0.9	1.3	14.3	-0.2	2.4	0.9	-1.1	-0.7	11.0	-0.9	0.9	7.7	1.4	3.3
Parkin	4.3	1.3	2.6	10.0	1.9	5.7	8.1	6.4	7.0	13.7	7.1	9.9	16.9	7.8	13.2	7.5	3.2	5.8	5.3	4.3	4.9	4.5	2.3	3.6	3.7	1.5	2.7	2.6	1.1	1.9	3.1	0.9	2.0	5.7	1.9	3.9
Pine Bluff ..	3.2	2.2	2.5	4.7	2.2	3.1	4.0	2.7	3.1	12.2	2.8	7.3	13.9	4.9	7.4	7.4	3.8	5.6	6.9	3.9	5.0	12.2	2.3	4.5	14.9	3.0	5.9	3.6	1.6	2.3	12.3	1.3	3.0	14.3	5.4	8.1
St. Charles..	10.6	8.0	9.0	15.7	9.1	11.4	15.9	13.1	14.4	26.0	13.8	19.9	26.1	15.0	23.7	14.2	10.4	11.7	11.3	8.4	9.9	10.6	7.8	9.1	9.3	6.6	8.0	7.4	6.2	6.6	11.6	5.9	7.1	17.1	10.9	13.8
St. Francis ..	10.9	3.6	6.6	15.0	4.6	7.7	17.8	6.4	11.7	20.9	8.1	15.4	18.9	5.4	11.3	8.1	3.5	4.7	8.9	2.0	4.4	5.6	2.7	3.6	3.3	2.1	2.6	2.5	1.8	2.1	4.4	2.2	3.3	10.7	4.1	7.3
St.FrancisLL	19.9	18.4	19.3	22.2	19.3	20.2	22.7	21.0	21.8	24.9	21.5	22.7	25.1	20.5	23.3	20.3	18.2	19.2	19.2	17.2	17.8	18.9	15.6	17.2	17.5	14.0	15.3	16.7	13.4	14.9	19.0	13.5	16.3	19.0	17.5	18.2
Van Buren..	3.0	2.2	2.5	4.0	2.5	3.0	3.6	2.5	3.2	12.0	2.4	6.3	13.2	4.9	7.0	8.5	3.6	5.6	8.7	3.8	6.0	16.2	2.2	6.0	19.6	2.2	6.6	4.1	1.9	2.5	15.7	2.1	4.6	11.8	4.9	7.1
Whitecliffs .	4.6	1.0	2.1	5.0	1.5	3.2	3.9	2.0	2.6	22.0	2.8	10.7	25.7	5.0	17.6	25.3	3.0	11.6	27.1	2.7	12.7	18.4	1.9	4.6	4.0	1.0	1.9	1.0	0.0	0.5	23.6	....	....	25.9	4.0	13.7

(Continued from page 73)

and continued generally good during the summer months. Dry weather in September and October favored the maturing and harvesting of crops. The last killing frost in spring was recorded on April 13th, at most places, while the first general killing frost in autumn occurred on November 12th. The growing season averaged 213 days for the State.

There were two tornadoes during the year. The first, on April 30th, caused the death of six people and resulted in property damage of $8,000 near Saline-Grant County line. Another tornado on May 18th caused property damage of about $5,000 near Bee Branch.

B. N. W.

FLOODS IN 1940

On the Arkansas

No floods occurred on the Arkansas River during the year. Stages were low until April, when good rains caused moderate rises in the river. Moderate rises also occurred in September and November. River stages were low the rest of the year.

On the White

River stages were low during the first three months. Heavy rains on April 11th resulted in rapid rises on the Upper White. Flood stages were reached at all stations below Cotter, except Newport. The river reached 2.9 feet above flood stage at Calico Rock on the 12th. Moderate flood stages were reported at Batesville from the 12th to the 14th, at Georgetown from the 19th to May 7th, at Des Arc from the 23d to 27th, at Clarendon from the 23d to May 14th and at St. Charles from the 27th to May 17th. The river crested at 26.3 feet at Batesville on the 13th, 24.4 feet at Newport on the 15th, 22.7 feet at Georgetown on the 22d, 24.9 feet at Des Arc on the 24th, 27.8 feet at Clarendon on the 29th and 26.0 at St. Charles on the 30th. The Black River was above flood stage from April 20th to May 6th at Black Rock. Estimates on flood losses were as follows: On the Black River $1,000, Upper White $10,000 and Lower White $500. The White and Black rivers were below flood stages during the remainder of the year.

On the Ouachita

Low stages prevailed on the Ouachita until rains, during the latter part of April, caused the river to rise to 17.2 feet, or slightly above flood stage at Arkadelphia. Stages were low thereafter until November. Heavy rains from November 22d to 26th caused a crest of 18.2 feet, or 1.2 feet above flood stage at Arkadelphia on the 24th. The river was below flood stage all year at Camden.

MISCELLANEOUS PHENOMENA, 1940

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Flood Damage			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January	...	...	...	...	...	19	4	63	12	53	11	3	2	...	...	$	...	...	...	...	$	...	...	$	...	$
February	...	...	...	...	...	11	5	39	11	69	10	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...
March	9	5	2	1	$ 2,000	123	17	40	14	31	4	2	1	1	1	100	...	...	...	...	...	...	...	...	...	15,500
April	5	2	3	1	50	98	17	11	10	...	...	...	...	1	1	450	2	1	6	9	8,800	8	...	11,500	...	...
May	1	1	...	...	...	140	18	12	6	...	...	...	...	...	...	...	3	1	...	...	5,000	...	...	...	...	25,000
June	1	1	...	...	...	207	20	30	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	2	2	...	...	...	173	21	25	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
August	...	...	...	...	...	253	24	34	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
September	...	...	...	...	...	70	10	7	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October	...	...	...	...	...	12	3	37	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	35	8	61	15	2	1	...	...	1	1	5,000	...	...	...	...	...	1	...	500	...	...
December	...	...	...	...	...	21	5	109	19	8	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	18	11	5	2	$ 2,050	1162	152	468	149	163	28	8	5	3	3	$ 5,550	5	2	6	9	$ 13,800	9	...	$ 12,000	0	$ 40,500

KILLING FROSTS, 1940

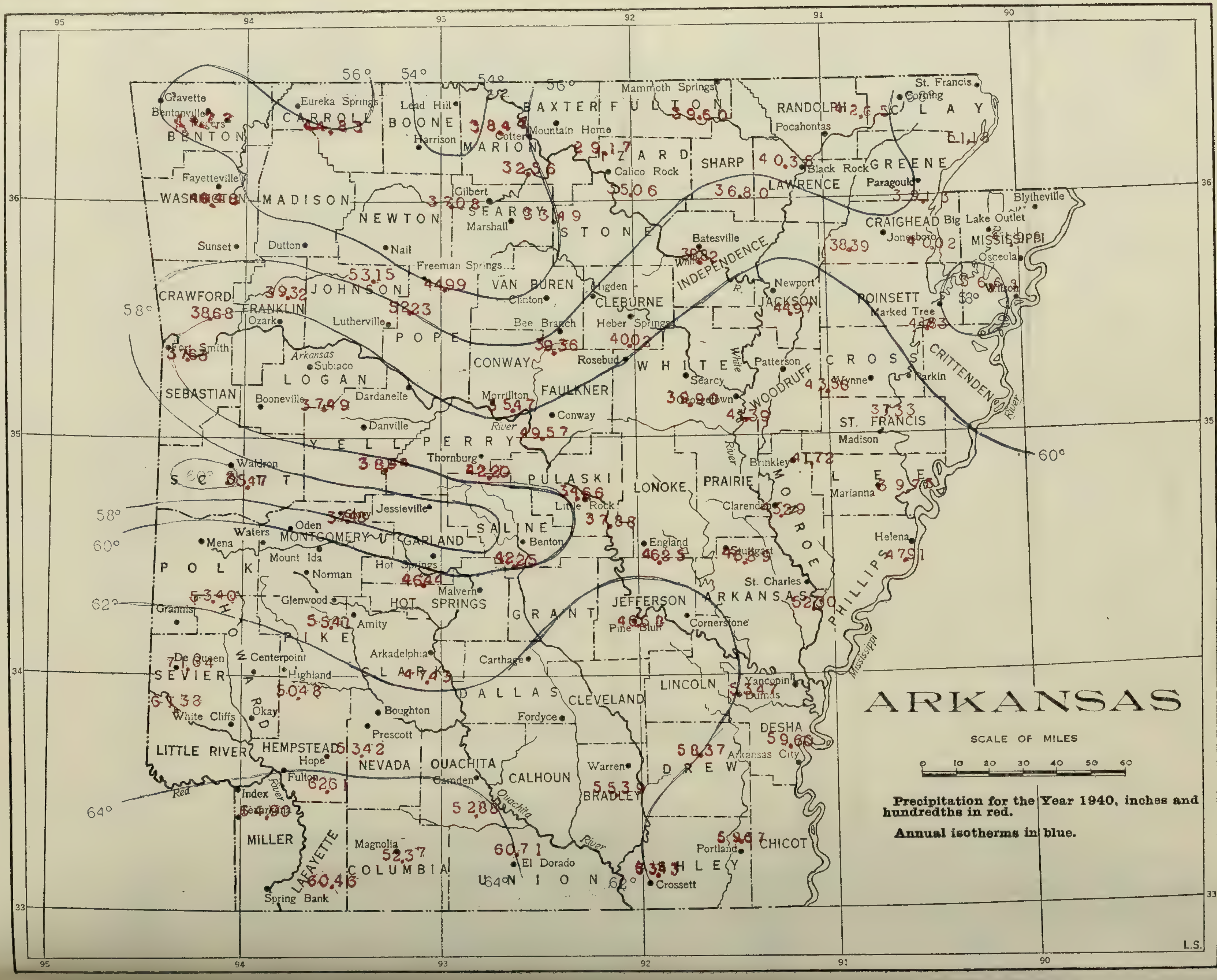
Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Apr. 13	Nov. 13	214	LITTLE ROCK	Apr. 13	Nov. 12	213
Arkadelphia	Apr. 13	Nov. 12	213	Lutherville	*Apr. 13	Nov. 12	213
Arkansas City	....	Nov. 12	...	Madison	Apr. 13	Nov. 12	213
Batesville	Apr. 13	Nov. 12	213	Magnolia	Apr. 13	Nov. 12	213
Bee Branch	Apr. 13	Nov. 12	213	MammothSpring	Apr. 13	Nov. 7	208
Benton	Apr. 13	Nov. 6	207	Marianna	Apr. 13	Nov 7	208
Bentonville	Apr. 13	Nov. 6	207	Marked Tree	Apr. 13	Nov. 7	208
Big Lake Outlet	Apr. 13	Nov. 7	208	Mena	Apr. 13	Nov. 12	213
Black Rock	Apr. 13	Nov. 12	213	MonticelloAiry	Apr. 13	*Nov 12	213
Blytheville	Apr. 13	Nov. 8	209	Morrilton	Apr. 13	Nov. 12	213
Booneville	Apr. 13	Nov 12	213	Mountainburg	Apr. 12	Nov 12	214
Boughton	Apr. 13	Nov. 12	213	Mountain Home	Apr. 13	*Nov. 6	207
Brinkley	Apr. 13	Nov. 12	213	Mountain Valley	Apr. 13	Nov 12	213
Calico Rock	Apr. 13	Nov. 7	208	Mount Ida	Apr. 13	Nov. 12	213
Camden	Apr. 13	Nov. 12	213	Mt. Ida CCC	Apr. 12	Nov 12	214
Clarendon	Apr. 13	Nov. 12	213	Mulberry	Apr. 13	Nov. 12	213
Clinton	Apr. 13	Nov. 12	213	Nashville	Apr. 13	Nov. 12	213
Clover Bend	....	Nov. 6	...	Newport	Apr. 13	Nov. 7	208
Conway	Apr. 13	Nov. 12	213	Oden	Apr. 13	Nov. 11	212
Corning	Apr. 13	Nov. 7	208	Okay	Apr. 13	Nov. 12	213
Cotter	Apr. 12	Nov. 8	210	Ozark	Apr. 13	Nov. 12	213
Crossett	Apr. 13	Nov. 12	213	Paragould	Apr. 13	Nov. 7	208
Danville	Apr. 12	Nov. 7	209	Parkin	Apr. 13	Nov. 8	209
Dardanelle	Apr. 13	Nov. 12	213	Pine Bluff	Apr. 13	Nov. 12	213
De Queen	Apr. 13	Nov. 12	213	Pine Ridge	Apr. 13	Nov. 12	213
Des Arc	....	Nov. 12	...	Pocahontas	Apr. 13	Nov. 7	208
Devils Knob	Apr. 13	Nov. 12	213	Portland	Apr. 13	*Nov. 12	213
Dumas	Apr. 13	Nov. 12	213	Prescott	Apr. 13	Nov. 12	213
El Dorado	Apr. 13	Nov. 12	213	Rogers	Apr. 13	Nov. 12	213
England	Apr. 13	Nov. 12	213	Rosebud	Apr. 13	Nov. 12	213
Eureka Springs	Apr. 13	Nov. 6	207	Russellville	Apr. 13	Nov. 7	208
Fayetteville	Apr. 13	Nov. 7	208	St. Charles	Apr. 13	Nov. 12	213
Fayetteville Ex	Apr. 12	Nov. 11	213	St. Francis	Apr. 13	Nov. 7	208
Fort Smith	Apr. 12	Nov. 12	214	Searcy	Apr. 13	Nov. 12	213
Georgetown	*Apr. 13	Nov. 8	209	Spring Bank	Apr. 13	Nov. 12	213
Gilbert	Apr. 21	Nov. 6	199	Story	Apr. 13	Nov. 12	213
Glenwood	Apr. 13	Nov. 12	213	Stuttgart	Apr. 13	*Nov. 12	213
Grannis	Apr. 13	Nov. 12	213	Stuttgart Evap.	Apr. 13	Nov. 12	209
Gravette	Apr. 13	Nov. 6	207	Subiaco	Apr. 13	Nov. 12	213
GreenMountain	*Apr. 13	Nov. 12	213	Texarkana	*Apr. 13	Nov 12	213
Harrison	Apr. 13	Nov. 6	207	Thornburg	Apr. 13	Nov. 12	213
Helena	Apr. 13	Nov. 7	208	Turnpike	Apr. 13	Nov. 12	213
Higden	Apr. 13	Nov. 7	208	Wabash	....	Nov. 12	...
Highland	Apr. 13	Nov. 12	213	Waldron	Apr 13	*Nov. 6	207
Hope	Apr. 13	Nov. 12	213	Warren	Apr. 13	Nov. 12	213
Hot Springs	Apr. 13	Nov. 12	213	White Cliffs	....	Nov. 12	...
Index	....	Nov. 12	...	White Rock	Apr. 13	Nov. 12	213
Irons Fork	Apr. 13	Nov. 12	213	Wilson	Apr. 13	*Nov. 6	207
Jessieville	Apr. 13	Nov. 12	213	Wright	....	Nov. 12	...
Jonesboro	Apr. 13	Nov. 7	208	Wynne	Apr. 13	Nov. 8	209
Lead Hill	Apr. 13	Nov. 6	207				

* Indicates freezing temperature, no killing frost reported.

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
Alum Fork Reser	L. R. Water Works	Jonesboro	Benedictine Sisters
Arkadelphia	Mrs. Ted R. Carpenter	Lead Hill	J. H. Crosswhite
Arkansas City	Geo. W. Reitzammer	Little Rock	U. S. Weather Bureau
BatesvilleAirway	Airway Observer	Little Rock Airway	U.S.W.B. Airway Sta.
Batesville	Mrs. Ida Barnwell	Lutherville	H. G. Lenhardt
Bee Branch	J. E. Scanlan	Madison	J. W. Eppes
Benton	S. A. Burks	Magnolia	State Agr. School
Bentonville	U. S. Weather Bureau	Mammoth Spring	Mrs. Johnnie Morton
Bethesda	Soil Cons. Service	Marianna	C. N. Houck
Big Lake Outlet	C. J Brooks	Marked Tree	Chas. Walton
Black Rock	Vernon C. Howe	Mena	E. W. St. John
Blytheville	Samuel Norris	Monticello Airway	Airway Observer
Booneville	F. H. Randolph	Morrilton	Mrs. Nova Berry
Boughton	Ruby Buie	Mountainburg	C. A. Lovell
Brinkley	Robt. J. Torry	Mountain Home	H. N. Halbert
Calico Rock	William Jones	Mountain Valley	J. G. Scott
Camden	J M. Knight	Mount Ida	G. A. Whittington
Clarendon	R. M. Wheatley	Mount Ida CCC	U. S. Forest Service
Clinton	E. F. Tomlinson	Mulberry	Clifton Ward
Clover Bend	G. E. Tanner	Nashville	H. B. Carruth
Conway	E E Cordrey	Newport	J. D. Henderson
Corning	Winfred D. Polk	Oden	U. S. Forest Service
Cotter	O. B. McSpadden	Okay	Charles R. Jackson
Crossett	U. S Forest Service	Osceola	G. H. Banks
Danville	J. M. Patterson	Ozark	Orkney O. Milton
Dardanelle	Geo. N. Goodier	Paragould	J. E. Garrett
De Queen	Felix McKean	Parkin	Carroll King
Des Arc	Z. R. Glenn	Pine Bluff	Miss Theresa Scheu
Devils Knob	U. S. Forest Service	Pine Ridge	J. R. Huddleston
Dumas	Ben Johnson	Pocahontas	Benedictine Sisters
El Dorado	Mrs. E. W. Gaston	Portland	W. E. Edmiston
England	O. V. Halbrook	Prescott	W. R. Hambright
Eureka Springs	Geo. W. Nichoalds	Rogers	Mrs. Carl A. Starck
Fayetteville	Charles F. Ford	Rosebud	G. A. Maddox
FayettevilleExp.	University of Ark.	Russellville Evap.	U. S. Forest Service
Fort Smith	U. S. Weather Bureau	St Charles	U. S. Bio. Survey
Ft. Smith Wt. P.	Ft. Smith Water Dept.	St. Francis	A. Boyce Boyd, Jr.
Fulton	T. J. Logan	Searcy	Walter A. Smith
Georgetown	C. G. Long	Springbank	Henry Field
Gilbert	F. J. King	Story	S. C. Story
Glenwood	C. A. Price	Stuttgart	Mrs. B. E. Swim
Grannis	W. E. McVay	Stuttgart Evap.	Rice Experiment Sta.
Gravette	Max W. Schmidt	Subiaco	New Subiaco Abbey
Green Mountain	U. S. Forest Service	Texarkana	H. S. Brashear
Harrison	Louis R. Keck	Thornburg	Edward E. Holmes
Heber Springs	Lester B. Logan	Turnpike	U. S. Forest Service
Helena	James A. Burnett	Wabash	Ben Rives
Higden	Austin E. Cartwright	Waldron	Wilson Ferguson
Highland	J. O. Cooley	Warren	C. N Turner
Hope	Experiment Farm	Whitecliffs	L. M. Snead
Hot Springs	National Park Service	White Rock	U. S. Forest Serv.
Index	W. E. McDowell	Wilson	D. O. Anderson
Irons Fork	U.S.F.S. Exp. Station.	Wright	J. S. Martin
Jessieville	U. S. Forest Service	Wynne	B M. Eddins

Departures from normal temperature are computed from averages of entire period for stations having 10 or more years record. Departures of precipitation with 15 years or more record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing. § Also on later dates. ‡‡Post-office addresses of these stations as follows:-Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob, Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Exp. Station, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Rogers, Route 3, Rogers; Rosebud, Route 2, Mount Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass



Weather Bureau Office, Little Rock, Ark. 2-12-41—1400

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVI　LITTLE ROCK, ARK., JANUARY, 1941　No. 1

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GENERAL SUMMARY

The month was somewhat warmer than average and almost 16° warmer than the exceptionally cold January of a year ago. The average monthly mean temperature for the State, based on the means of 77 stations, was 43.6°, which is 2.4° above the mean for the past 51 years. Temperature departures varied from +4.5° at Russellville to —1.4° at Blytheville. All but three stations had positive departures. The highest monthly mean temperature was 49.6° at Texarkana and the lowest was 38.0° at Lead Hill. The highest temperature recorded during the month was 76° at Booneville on the 1st. The lowest was 5° at Gravette on the 19th. The majority of stations recorded their highest temperature on the 1st, while the lowest occurred on the 19th at most stations. These extremes are well within the limits of previous years of record. Since detailed records have been kept in the State, subzero temperatures have occurred on an average of every other January, while temperatures of 80° or higher occurred almost as often. Daily mean temperatures were below normal from the 4th to the 6th, 17th to 19th and 27th to 30th, while comparatively mild weather prevailed during the remainder of the month. Sunshine averaged 47% of the possible amount, which is 3% below normal. There was no damage from high winds.

January was somewhat drier than average. The monthly precipitation for the State, based on the records of 108 stations, was 3.43 inches, which is 0.97 inch less than the mean for the past 51 years. The largest monthly amount reported from an individual station was 6.69 inches at Lutherville, and the least was 1.95 inches at Index. The greatest amount of precipitation in 24 hours was 3.03 inches at Fayetteville on the 1st. There were eight days on which 0.01 inch or more precipitation occurred. General rains occurred in most sections of the State on the 1st, 14th to 18th and 22d to 26th. The heaviest rains fell on the 1st and 23d. Practically all stations reported light snowfall during the night of the 17th and 18th. Amounts ranged from a trace to 3.6 inches at Fayetteville. The snow melted as it fell in the southern sections, while it remained on the ground 24 hours or less in the northern districts of the State. Light sleet fell at a few stations on the 6th. Thunder was heard several times during the month.

The weather, on the whole, was favorable for farm work. Considerable plowing was accomplished. Winter grains progressed favorably, and some fields were being pastured. The planting of gardens began about the middle of the month in the southern sections. Some strawberries were set out. A small amount of cotton was picked. The pruning of orchards, clearing, fencing and butchering were other important farm actiivites. Soil moisture continued adequate.

The Petit Jean was the only river in the Little Rock district to reach flood stage during the month, Danville reporting a stage of 22.1 feet on the 3d and 4th. Heavy rains on the 1st and 23d caused moderate rises in the other streams of the State.

B. N. W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (re-reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	30.22	30.73	9	29.40	16	6.8	18	s.	21	..	..	..	41
Fort Smith..	30.18	30.61	9	29.50	16	7.6	21	w.	16	77	65	63	47
Little Rock..	30.18	30.60	10	29.46	16	7.7	21	s.	21	87	65	72	57
Memphis	30.18	30.56	9	29.45	16	7.7	21	sw.	16	83	63	71	36

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	2	..	1	..	..	..	..	..	..	..	..	..	..	5	5	4	1	..	..	..	..	2	3	1	2	5	..	6	5	..	2
Light hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Moderate hail .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm .	14	..	1	..	..	..	..	..	..	..	..	..	..	..	6	22	2	..	..	..	1	8	17	5	7	8	..	..	..	..	..

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891...........	41.6	71	13	5.34	....	10	10	6	15
1892...........	34.7	74	−14	2.48	3.0	6	18	5	8
1893...........	38.5	80	−13	1.13	5.6	2	17	8	6
1894...........	43.5	77	−22	3.63	1.3	7	13	8	10
1895...........	36.9	78	− 5	5.19	7.0	8	9	6	16
1896...........	41.4	78	4	4.09	1.0	8	10	6	15
1897...........	38.9	76	− 2	6.78	1.0	8	13	5	13
1898...........	45.5	81	10	7.93	T.	9	10	8	13
1899...........	39.3	75	− 9	5.91	2.3	7	12	6	13
1900...........	43.4	78	1	2.69	0.2	7	13	7	11
1901...........	45.6	78	7	2.21	T.	5	16	7	8
1902...........	38.0	79	2	4.13	1.8	8	11	6	14
1903...........	40.2	80	7	2.60	0.2	6	13	8	10
1904...........	38.9	75	− 5	3.81	1.5	6	15	8	8
1905...........	33.3	73	13	4.58	3.6	6	12	8	11
1906...........	43.1	82	− 2	5.19	2.0	6	14	5	12
1907...........	49.2	82	− 8	5.80	0.8	11	8	7	16
1908...........	41.7	78	6	3.75	1.5	7	14	7	10
1909...........	43.8	82	−19	1.79	2.4	6	4	7	20
1910...........	41.8	78	− 7	2.59	4.3	6	16	6	9
1911...........	47.6	86	− 9	1.02	0.2	6	8	10	13
1912...........	34.3	79	−16	3.01	1.9	6	13	10	8
1913...........	44.0	78	− 1	8.45	0.1	10	12	7	12
1914...........	46.6	82	7	1.57	1.5	4	13	9	9
1915...........	39.3	74	− 3	4.38	2.3	8	10	6	15
1916...........	44.3	82	− 6	9.39	0.5	12	8	4	19
1917...........	44.0	82	− 4	3.66	8.8	7	11	5	15
1918...........	27.3	80	−23	4.39	17.6	8	13	4	14
1919...........	41.4	75	− 3	3.00	0.4	6	16	5	10
1920...........	39.6	82	11	6.49	0.8	8	12	4	15
1921...........	46.9	85	6	2.07	2.1	6	11	6	14
1922...........	39.1	74	4	2.63	1.0	7	8	5	18
1923...........	48.6	80	15	5.78	0.1	9	14	5	12
1924...........	36.1	79	− 6	3.19	0.4	7	15	3	13
1925...........	40.8	76	− 4	2.68	1.3	8	14	4	13
1926...........	40.5	77	−17	4.69	2.5	7	13	6	12
1927...........	42.6	79	− 1	5.41	0.1	10	14	3	14
1928...........	42.7	90	−10	2.05	0.2	5	16	6	9
1929...........	39.4	79	2	5.08	0.1	10	12	5	14
1930...........	33.8	74	−28	9.16	5.0	12	11	3	17
1931...........	42.3	76	0	1.14	0.4	5	15	6	10
1932...........	46.2	80	11	9.67	T.	11	12	5	14
1933...........	48.8	81	11	3.67	T.	9	12	6	13
1934...........	44.5	78	2	2.85	0.1	8	12	5	14
1935...........	43.6	86	−11	5.79	0.9	6	14	7	10
1936...........	37.1	83	− 1	1.05	3.5	5	14	7	10
1937...........	41.9	80	9	12.61	0.7	17	4	3	24
1938...........	42.5	81	4	6.48	T.	7	14	6	11
1939...........	45.5	83	12	6.21	0.5	10	14	6	11
1940...........	28.0	74	−14	1.56	5.9	7	14	6	11
1941...........	43.6	76	5	3.43	0.3	9	12	7	12
Period.......	41.2	90	−28	4.40	1.9	8	12	6	13

Climatological Data for January, 1941

Stations	Counties	Elevation, feet	Length of record, years	Temperature (degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Alum Fork †	Saline	755	4	41.2	......	70	1	16	19	39	2.00	......	0.50	T.	8	11	13	7	e.	L. R. Water Works
Arkadelphia	Clark	200	45	44.8	......	69	1	20	19	40	3.39	−1.44	1.29	0.0	9	15	10	6	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	3.99	−0.56	1.48	0.0	7	......	......	......	......	George W. Reitzammer
Batesville Airway	Independence	363	4	41.3	+ 2.8	66	1	17	19	42	3.74	......	1.87	T.	11	6	8	17	se.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	3.50	−1.18	1.74	0.1	9	7	6	18	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	42.8	+ 1.8	67	1§	14	19	35	3.05	−1.50	1.00	0.5	9	11	11	9	w.	J. E. Scanlan
Benton	Saline	285	5	42.2	......	71	1	15	19	46	2.96	......	1.10	0.5	9	17	9	5	ne.	S. A. Burks
Bentonville	Benton	1295	35	40.2	+ 4.0	67	11	9	18	36	3.23	+0.56	0.73	0.7	11	7	7	17	s.	U. S. Weather Bureau
Bethesda	Independence	500	1	41.2[a]	......	67[a]	1	15[a]	19[a]	42[a]	3.26	......	1.56	T.	9	10[a]	13[a]	7[a]	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	2.37	......	1.19	T.	6	9	3	19	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	4.14	−0.47	1.96	T.	8	11	1	19	......	Vernon C. Howe
Blytheville	Mississippi	252	15	40.6[a]	− 1.4	67[a]	14	20[a]	6§	39[a]	2.57	−3.85	1.35	T.	6	13[a]	2[a]	15[a]	n.	Samuel Norris
Booneville (near)	Logan	465	26	43.5	+ 1.7	76	1	14	19	43	4.67	+1.07	2.32	0.5	9	12	7	12	w.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	3.58	......	1.09	0.6	8	11	4	16	......	Ruby A. Buie
Brinkley	Monroe	205	49	45.4	+ 3.0	67	1§	20	19	36	2.87	−2.32	1.11	0.0	6	18	2	11	ne.	R. J. Terry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	4.28	−0.19	1.85	T.	8	9	3	19	......	William Jones
Camden	Ouachita	116	55	48.0	+ 4.0	70	1§	19	19	41	2.70	−2.04	0.76	0.0	9	16	3	12	nw.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	2.69	−1.95	0.87	T.	9	8	4	19	ne.	R. M. Wheatley
Clinton	Van Buren	516	19	......	......	......	......	......	......	......	2.78	−1.79	0.98	T.	4	12	7	12	n.	E. F. Tomlinson
Clover Bend	Lawrence	235	..	41.4	......	64	12§	15	19	41	4.62	......	1.55	T.	7	16	5	10	nw.	G. E. Tanner
Conway	Faulkner	300	57	44.6	+ 2.4	70	1	18	19	39	3.03	−1.68	1.02	1.0	10	16	5	10	n.	F. E. Cordrey
Corning	Clay	293	47	40.8	+ 2.6	64	12	15	19	40	3.88	−0.85	1.57	0.0	6	17	6	8	nw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	4.61	−1.25	1.90	0.0	9	8	4	19	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	47.6	+ 1.4	75	23	22	10	45	4.28	−0.50	2.70	0.0	8	13	4	14	n.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	2.63	−1.34	0.58	0.5	9	5	11	15	......	J. M. Patterson
Dardanelle	Yell	330	54	45.0	+ 3.6	70	1	19	19	37	2.81	−0.81	0.92	0.5	7	7	11	13	e.	Geo. N. Goodier
DeQueen	Sevier	426	5	47.3[a]	......	75[h]	1	18	19	45[b]	2.12	......	0.63	0.0	7	19	8	4	e.	Felix McKean
Des Arc	Prairie	204	2	45.0	......	69	1	18	19§	47	3.19	......	1.45	0.0	5	6	4	21	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	39.6	......	61	11	9	18	26	6.12	......	2.42	1.0	12	14	3	14	sw.	U. S. Forest Service
Dumas	Desha	162	35	46.7	+ 1.8	70	22	19	19	39	3.21	−1.81	1.42	T.	9	11	10	10	s.	Ben Johnson
El Dorado	Union	270	40	49.4	+ 3.0	71	23	21	19	33	4.27	−0.46	1.92	T.	8	14	8	9	se.	Mrs. E. W. Gaston
England	Lonoke	229	34	45.0	+ 1.6	67	12§	21	19	40	3.47	−1.43	1.10	T.	7	10	12	9	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	41.2	+ 2.6	70	11	8	18	37	4.48	+1.28	1.98	1.0	11	11	6	14	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	41.4	......	65	11	9	18	36	5.90	......	3.03	3.6	14	7	6	18	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	41.4	+ 3.0	67	11	10	18	37	5.46	+2.46	2.72	1.8	13	10	8	13	sw.	University of Arkansas
Fort Smith	Sebastian	448	59	43.2	+ 0.4	72	1	18	18	34	4.18	+1.62	1.46	T.	10	10	4	17	e.	U. S. Weather Bureau
Fort Smith Wtr. P. †	Crawford	793	3	......	......	......	......	......	......	......	2.47	......	1.22	T.	7	11	9	11	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	2.52	−2.01	0.80	0.0	9	11	7	13	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	2.87	−2.15	1.20	0.2	6	11	4	16	......	C. G. Long
Gilbert	Searcy	600	15	38.6	......	71	12	8	19	53	4.65	+0.84	2.00	0.0	8	13	2	16	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	2.81	......	0.94	T.	6	12	10	9	......	C. A. Price
Grannis	Polk	950	21	45.2	+ 3.2	71	1	15	19	42	3.58	−1.22	0.87	T.	11	16	3	12	s.	W. E. McVay
Gravette	Benton	1250	43	40.8	+ 3.7	68	11	5	19	40	4.05	+1.27	2.03	1.0	6	12	11	8	sw.	Julius A. Schmidt
Green Mountain	Stone	1100	3	41.1	......	65	1§	14	19	36	4.09	......	1.30	T.	8	11	5	15	s.	U. S. Forest Service
Harrison	Boone	1052	40	40.4	+ 3.5	65	12	12	19	45	3.92	+0.75	1.22	1.0	10	12	7	12	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	3.31	......	1.30	0.6	8	11	11	9	......	Lester B. Logan
Helena	Phillips	300	68	44.4	+ 1.2	66	16	16	19	34	3.85	−1.81	1.70	T.	7	9	3	19	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	2.87	−1.71	0.75	0.2	10	9	10	12	n.	Austin E. Cartwright
Highland	Pike	491	21	48.0[d]	+ 2.3	71	1	18[h]	19	30[h]	2.66	−1.92	0.53	0.7	10	11	13	7	ne.	J. O. Cooley
Hope (near) ‡‡	Hempstead	875	70	45.5	− 0.2	70	1	19	19§	42	3.04	−1.76	0.89	0.2	11	10	13	8	sw.	Experiment Farm
Hot Springs	Garland	600	49	45.0	+ 1.4	69	1	18	19	35	2.71	−2.15	0.51	T.	11	9	15	7	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	1.95	−1.69	0.60	0.0	7	23	0	8	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	2	41.1	......	70	1	11	19	45	4.19	......	1.34	0.3	8	13	4	14	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	2.54	−3.62	0.79	T.	5	7	12	12	w.	U. S. Forest Service
Jonesboro	Craighead	345	45	41.9	+ 1.3	66	13§	17	19	37	2.74	−2.28	1.33	T.	10	7	6	18	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	38.0	− 0.4	67	1	11	19	48	3.10	+0.69	1.03	T.	9	12	5	14	nw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	44.3	+ 2.9	68	1	22	19	31	2.15	−2.58	0.79	0.4	10	10	6	15	e.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	43.4	......	69	1	19	19	37	2.53	......	1.13	0.4	9	10	6	15	se.	W. B. Airport Station
Lutherville †	Johnson	775	42	43.4	+ 3.1	70	1	15	19	33	6.69	+2.76	2.20	0.5	6	13	6	12	sw.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	2.92	−3.83	1.20	T.	5	6	2	23	......	J. W. Eppes
Magnolia	Columbia	315	24	49.4	+ 1.8	70	11§	20	19	35	2.63	−1.93	0.81	0.0	6	6	15	10	sw.	State Agri. School
Mammoth Spring	Fulton	600	36	41.4	+ 3.6	67	12	13	19	48	4.48	−1.02	1.35	T.	8	8	10	13	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	42.8[a]	+ 0.3	66[a]	13§	20[a]	19	37[a]	2.88	−2.01	1.25	0.5	7	13[b]	5[b]	11[b]	n.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	39.9[a]	+ 0.4	69	14	16[a]	19	45[a]	2.49	−3.20	1.52	T.	5	7	13	11	n.	Charles Walton
Mena	Polk	1207	52	44.8	+ 3.2	71	1	16	19	36	4.00	+0.06	1.67	0.2	8	17	6	8	sw.	E. W. St. John
Monticello Airway	Drew	273	4	47.0[a]	......	70	22§	29[a]	19	32[a]	3.02	......	0.98	T.	9	10	9	12	n.	Airway Observer
Morrilton	Conway	315	21	41.4	+ 0.1	71	1	17	19	43	3.34	−0.52	1.10	0.8	9	8	12	11	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	4.05	......	1.80	T.	11	20	4	7	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	40.5	+ 2.4	69	12	14	19	46	3.88	+0.55	1.40	1.0	8	11	6	14	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	2.70	......	0.52	0.7	11	15	7	9	s.	J. G. Scott
Mount Ida	Montgomery	702	41	43.8	+ 2.4	74	1	12	19	47	2.61	−1.73	0.55	0.0	9	11	9	11	w.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	2.41	......	0.51	T.	12	16	6	9	nw.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	4.22	......	1.82	0.3	10	11	4	16	......	Clifton Ward
Nashville	Howard	350	2	46.8	......	72	1	20	20	42	2.57	......	0.70	0.2	11	15	4	12	......	H. B. Carruth
Newport	Jackson	231	57	43.2	+ 3.4	68	1	18	19	39	3.03	−2.21	1.21	0.3	10	10	8	13	s.	J. D. Henderson
Oden	Montgomery	800	13	42.4	......	68	11	13	19	39	2.85	−1.65	0.78	0.5	10	9	11	11	s.	U. S. Forest Service
Okay	Howard	288	12	48.2	+ 3.4	73	1	19	19	38	3.75	−1.48	1.30	0.0	8	13	12	6	n.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	2.90	......	1.60	T.	7	12	9	10	......	G. H. Banks
Ozark	Franklin	396	45	42.5	+ 1.7	67	1	12	18	39	4.78	+1.69	1.91	0.4	7	7	7	17	e.	Orkney O. Milton
Paragould	Greene	275	17	41.1	......	62	14	16	19	32	2.72	−2.56	1.08	T.	9	11	7	13	nw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	3.20	+3.12	1.78	T.	5	8	6	17	......	Carroll King
Pine Bluff	Jefferson	215	53	46.4	+ 2.5	67	12§	21	19	39	3.13	−2.06	1.05	T.	8	7	13	11	nw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	2.88	−1.72	0.72	0.0	6	13	5	13	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	41.1	+ 2.2	64	10	13	19	45	3.53	−1.02	1.27	0.0	9	14	3	14	n.	Benedictine Sisters
Portland	Ashley	122	34	47.5	+ 0.5	74	22	19	19	40	3.78	−0.91	1.95	T.	6	11	6	14	sw.	W. E. Edmiston
Prescott	Nevada	318	52	48.0	+ 3.4	70	12	20	19	36	3.57	−1.17	1.30	0.5	9	15	6	10	w.	W. R. Hambright
Rogers (near) †	Benton	1300	50	40.4	+ 3.0	67	11	9	18§	42	4.45	+1.79	2.31	0.7	11	11	4	16	sw.	Mrs. Carl A. Starck
Rosebud †	Faulkner	680	6	......	......	......	......	......	......	......	3.15	......	0.94	1.3	8	......	......	......	......	G. A. Maddox
Russellville	Pope	526	28	44.1	+ 4.5	72	1	17	19	43	5.08	+1.63	2.57	0.4	10	17	0	14	nw.	U. S. Forest Service
St. Charles	Arkansas	175	7	44.0	......	67	13	20	19	36	4.27	......	1.54	T.	7	8	9	14	[illegible]	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	2.91	−3.23	1.31	0.0	8	12	0	19	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	43.5	+ 2.7	70	1	17	2§	40	2.30	−2.49	0.86	0.5	9	13	6	12	ne.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	2.31	−1.70	0.65	0.0	9	......	......	......	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	3.06	−0.96	0.72	0.5	7	15	7	9	n.	S. C. Story
Stuttgart	Arkansas	214	53	44.6	+ 1.6	68	13	19	19	35	3.07	−1.97	1.05	0.2	8	15	8	8	n.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	43.2	......	65	[illegible]	[illegible]	[illegible]	36	3.27	......	1.06	T.	7	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.24	[illegible]	[illegible]	[illegible]	9	12	3	16	e.	New Subiaco Abbey
Texarkana	Miller	332	56	[illegible]	[illegible]	72	[illegible]	21	[illegible]	[illegible]	2.62	−1.46	[illegible]	[illegible]	[illegible]	19	2	10	......	H. S. Brashear
Thornburg (near)	Perry	650	20	41.6	+ 0.9	72	1	10	19	48	3.38	−1.02	1.02	1.0	11	12	9	10	s.	Edward E. Holmes

Climatological Data for January, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike †	Pope	2240	16	40.2		63	11	11	18	27	4.88	+0.32	1.47	1.0	12	15	2	14	sw.	U. S. Forest Service
Wabash	Phillips	179	1	44.9[5]		65[a]	16	20	19	29[a]	3.24		1.00	T.	6	12	8	11	n.	Ben Rives
Waldron	Scott	675	21	44.6[b]		74[b]	1	16[b]	19	43[b]	2.69	−1.14	1.15	0.0	8	9[b]	6[b]	14[b]	ne.	Wilson Ferguson
Warren	Bradley	206	46	48.7	+ 3.3	69	12§	20	19	40	4.81	−0.01	2.15	0.2	7	9	1	21	nw.	C. N. Turner
Whitecliffs	Little River	290	34								4.02		1.10	0.0	7	18	2	14		L. M. Snead
White Rock †	Franklin	2285	4	39.8		60	2§	9	18	28	4.27		1 36	0.3	12	13	6	12	se.	U. S. Forest Service
Wilson	Mississippi	237	15	41.8	+ 0.1	68	13	17	10	35	2.83	−2 84	1.12	T.	6	15	0	16	n.	D. O. Anderson
Wright	Jefferson	234	1	44.8		72	11	20	19	42	2.72		0.94	0.7	7	17	9	5	n.	J. S. Martin
Wynne	Cross	167	32	44.1	+ 3 0	67	13	17	19	40	3.44	−1.72	1.42	T.	7	13	9	9	n.	B. M. Eddins
State Means				43.6	+ 2.4	76	1	5	19	53	3.43	−0.97	3.03	0.3	8	12	7	12	n.	

Daily Precipitation for January, 1941

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser. †	Ouachita	.19													.40	.06	.20	T.	T.				.35		.50	.10	.20				T.	T.	2.00
Arkadelphia [2]	Ouachita	.12	T					.02								.56	.27		.12	.03			T.		1.29		.91					.07	3.39
Arkansas City [2]	Mississippi	.65	1.48	.10												.07	.27								.43		.99						3.99
Batesville Airway †	White	.55													.23	.05	.33	.01	.04				.14	1.87		.19	.30				.03		3.74
Batesville River [2]	White	.22	35													.26	.30		.01				.20		1.74		.33				T.	.09	3.50
Bee Branch	Arkansas	70													.20	.20	T.	.10	.05				.35	.10	1.00		.35						3.05
Benton [2]	Saline	.24	.04													.25	.10	06	.10				.30	T.	1.10		.77					T.	2.96
Bentonville [1]‡	Arkansas	1.28					.02	.02						T.	.68	.05	.25	.03				T.		.49		.26					.10	.05	3.23
Bethesda ***	White	.62													.20	.15	.24	T.					.13	1.56	.27	.05					.04	T	3.26
Big Lake Outlet †[2]	St. Francis	T.														.37		.29	T.	T			.09		1.19	T.	.29					.14	2.37
Black Rock [2]	White	.63	.19													.22	.09	.62	T				.09		1.96		.23					.11	4.14
Blytheville [2]	St Francis															.58		.15		T.			.14	1.35			.23					.12	2.57
Booneville	Arkansas	2.32													.52		.04	T	.04					.71	.49	.33	.14					.08	4.67
Boughton †[2]	Ouachita	.15	.20					.08								.50	.20		.07	T					1.29		1.09						3.58
Brinkley	White	33														.32							.26	.04	1.11		.81						2.87
Calico Rock [2]	White	1.40	.10													.17	.09	.18	T.						1.85		.40					.09	4.28
Camden [2]	Ouachita	.37	.76	.14				.03								.40	.04			.01					.59		.36						2.70
Clarendon [2]	White	.14	.17													.36	.11		.02	T.			.25	.02	.75		.87						2.69
Clinton	White	.98															T.		T.			T.	.60		.90	.30					T.		2.78
Clover Bend	White	97														.27	.53		T.					1.00	1.55	.04					.26		4.62
Conway	Arkansas	1.02													.31	.09	.09	.16	.11				.54	.06	.58	.07							3.03
Corning [2]	White	.82														.24		.81							1.57		.22					.22	3.88
Cotter [2]	White	1.15	12													.16	.55	.20	.05						1.90		.40					.08	4.61
Crossett [near]	Ouachita	2.70	.03	.17											.14	.02	.40								.68	.14	T						4.28
Danville [2]	Arkansas	.42	.43						T.							.51	.06	T.	.11				.34		.58		.17					.01	2.63
Dardanelle [2]	Arkansas	.92	.28													.39	18	.05					.20		.79		T.						2.81
De Queen	Red		.13											.02	.40		.04							.61		.29	.63						2.12
Des Arc [2]	White		T														.40	.16		T.			.37		1.45		.81						3.19
Devils Knob †	Arkansas	1.61													.91	.13	.08	.02	.10				.04	2.42	.32	.42	.05				.02	T.	6.12
Dumas	Mississippi	1.42		.11											.12		.15	.02	T.					.03	.55	.01	.80					T.	3.21
El Dorado [2]	Ouachita	1.92	.32	.13				.13								.32	.33			T.					.35		.77						4.27
England	Arkansas	.44													.40		.60		T.					.10	1.10	.10	.73						3.47
Eureka Springs	White	1.98						.03							.40	.35	.20	.25						.73	.07	.30	.05				.12		4.48
Fayetteville	White	3.03	T.				T.	.06						T.	.46	.34	.26	.27	.05				.01	1.02	.15	.16	.01				.07	.01	5.90
Fayetteville Exp. S	White	2.72					T	.05						.01	.54	.34	.26	.14	.04			T.	T.	.91	.11	.26	T.	T.			07	.01	5.46
Fort Smith [1]‡	Arkansas	1.33					T.	T.						T.	.96		.10	.01	.02			T	.16	1.30		.25	.01				T.	.04	4.18
Fort Smith W. †[2]	Arkansas						.03								.81		.12	T.	T.			.04		1.22		.11						.14	2.47
Fulton [2]	Red	.22	.10	10				.03							T.	.17	.35	T	.03						.72		.80						2.52
Georgetown	White	.15														.35	.10		.02				.45		1.20		.60						2.87
Gilbert [2]	White	1.70														.18	.30	.05							2.00		.34				.05	.03	4.65
Glenwood [2]	Ouachita	.07														.94	.10	T.					.37		.50		.83						2.81
Grannis	Red	.83					T.	T.						T.	.69	.25	.01		.01				.20	.17	.87	.22	.32				.01	T.	3.58
Gravette [2]	Arkansas	2.03					T.	T.								.85		.42						33		.31					.11		4.05
Green Mountain †	White	1.30														.22	.10	.09						1.04	.94		.27			T.	.13		4.09
Harrison	White	1.22												.02	.47	.05	.59	.08					T.	1.21	.08	.14	T.				.06		3.92
Heber Springs [2]	White	.32	.62													.36	T.	.09	.07				.28		1.30		.27					T.	3.31
Helena [2]	Mississippi		1.70													.38	.03			T.			.07	.05	.67		.95						3.85
Higden	White	.62					T.	T.							.25	.11	.03	.10	.01				.17	.60	.75	.23	T				T.		2.87
Highland	Ouachita	.15													.53	.12	.29		.07					.19	.50	.29	.43					.09	2.66
Hope ‡‡[2]	Red	.28	.23	.10				.04								.37	.22	.02	.05				.01	T.	.89		.83						3.04
Hot Springs	Ouachita	.21						.01							.51	.02	.28		.10				.51	T.	.40	.34	.32				T.	.01	2.71
Index †[2]	Red	.30		.05											.05	.20	.25	T							.50		.60						1.95
Irons Fork †‡‡[2]	Ouachita	1.25						.02								.68		.04	.03				1.34		.57		.26				T.	T	4.19
Jessieville	Ouachita	.30													.39		.79		T.				.45		.61						T.	T.	2.54
Jonesboro [2]	White	.23	.09													.25	.14	.14	.01				.15		1.33		.29					.11	2.74
Lead Hill	White	.77													.18	02	.65	.08	T.					1.03	.09	.21					.07		3.10
Little Rock [1]‡	Arkansas	.13	T					T.							.18	.02	.06	T.	.04				.24	.78	.01	.45	24				T.		2.15
LittleRock Air'y [1]‡	Arkansas	.10													.18	.01	.08	T.	.04				.24	1.13	T	.53	.22				T.	T.	2.53
Lutherville †	Arkansas	2.20													.90			T.	.04					.95	1.97	.63							6.69
Madison [2]	St. Francis	T.														.50		T.	.02	T			.30		1.20		.90						2.92
Magnolia	Red	.81	.15												.50	.16									.62		.39						2.63
Mammoth Spg [2]	White	1.35	.15						T.							.12	.10	.78	T						1.50		.43				T.	.05	4.48
Marianna	St. Francis	.58													.05	.10			.05				.25		1.25	.60							2.88
Marked Tree [2]	St. Francis															.42		.24	T.				.28		1.52		T.					.03	2.49
Mena [2]	Ouachita	.78						T.								.51	.06	.03	T.				1.67		.62	T	.28				T.	.05	4.00
Monticello Air ‡	Ouachita	.42	.98				T.								.23		.28		T.				.04	.45	.07	.42	.13						3.02
Morrilton [2]	Arkansas	.50	.40													.25	.11	.06	.08				.59		1.10		.25						3.34
Mountainburg	Arkansas	1.80						.04							.47	.03	.16	.09						1.21	.06	.14	.01					.04	4.05
Mountain Home	White	1.20													.10		.35	.03						1.40	.25	.35					.20		3.88
Mountain Valley	Ouachita	.11						T.							.42		.41	.20	.02				.51	.04	.52	.18	.23				T.	.06	2.70
Mount Ida	Ouachita	.37													.49	.10	.42						.30		55	.20	.12					.06	2.61
Mount Ida CCC	Ouachita	.30													.44	.06	.47		.01				.25	.02	.51	.20	.07				.03	.05	2.41
Mulberry †[2]	Arkansas	1.44						.02						.01	T.	.72	.05	.07	.03				.04	.02	1.82								4.22
Nashville	Red			.12			.02	.03							.70	.21	.38	.02	.02					.53		.36	.18						2.57
Newport [2]	White	.41	.20													.33	.05	.24	.02				.27		1.21		.27					.03	3.03
Oden	Ouachita	.78						T.							.48	.05			.05				.62	.08	.43	.21	.13					.02	2.85
Okay	Red	.23		.08				.13									.85	.02						.04		1.10	1.30						3.75
Osceola [2]	Mississippi		T.													.62	.03	.20	T.				.12		1.60		.27					.06	2.90
Ozark [2]	Arkansas	1.65	.04					T.								.67	.02	T.	.04					T.	1.91		.45					T.	4.78

Daily Precipitation for January, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Paragould	St. Francis	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	.13	.14	.32	T.	....	....	....	.12	.45	1.08	....	.21	....	....	....	.12	....	2.72
Parkin [2]	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.48	....	.20	T	....	....	....	.21	....	1.78	....	.53	T.	....	....	....	....	3.20
Pine Bluff [2]	Arkansas	19	.46	.02	....	....	....	T.	....	....	....	....	....	....	....	.37	.18	T.	T.	T.	....	....	.12	....	.74	....	1.05	....	....	....	....	....	3.13
Pine Ridge [2]	Ouachita	.72	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	.70	....	.51	....	.31	....	....	....	....	.04	2.88
Pocahontas	White	.68	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	.51	.34	....	....	....	....	.03	27	1.27	....	.23	....	....	....	....	.08	3.53
Portland [2]	Ouachita	....	1.95	.21	....	....	....	....	....	....	....	....	....	....	....	.08	.36	....	....	....	....	....	....	....	.75	....	.43	....	....	....	....	....	3.78
Prescott [2]	Ouachita	.25	.31	.05	....	....	....	T	....	....	....	....	....	....	....	.48	.18	.01	.04	....	....	....	....	....	1.30	....	.95	....	....	....	....	....	3.57
Rogers (near) †	White	2.31	....	....	....	....	....	.02	....	....	....	....	....	....	.36	.30	.10	.06	....	....	....	....	....	.64	.14	.38	.02	....	....	....	.12	....	4.45
Rosebud †	Arkansas	...	.94	....	....	....	....	T	....	....	....	....	....	....	....	.42	.11	.13	.04	....	....	....	.41	....	.28	....	.82	....	....	....	....	....	3.15
Russellville ‡‡	Arkansas	2.57	T.	....	....	....	....	T	....	....	....	....	....	T.	38	.08	.34	T	.04	....	....	....	.14	.25	.76	.31	.21	....	....	....	T.	T.	5.08
St. Charles [2]	White	.15	1.54	....	....	....	....	....	....	....	....	....	....	....	....	.29	09	....	....	T.	....	....	.31	....	.79	....	1.10	....	....	....	....	....	4.27
St. Francis [2]	St. Francis	.42	.08	....	....	....	....	....	....	....	....	....	....	....	....	.25	T.	.42	....	....	....	....	.07	....	1.31	T.	.20	....	....	....	....	.18	2.91
Searcy [2]	White	.12	.16	....	....	....	....	....	....	....	....	....	....	....	....	.34	.06	.03	.03	....	....	....	.33	....	.86	....	.37	....	....	....	....	T.	2.30
Spring Bank †[2]	Red	.65	.18	.22	....	....	....	.15	....	....	....	....	....	....	.05	.30	....	....	.04	T.	....	....	....	....	.44	....	.28	....	....	....	....	....	2.31
Story [2]	Ouachita	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	.62	....	.40	.31	.04	....	....	.72	....	.37	....	....	....	....	....	.	....	3.06
Stuttgart [2]	Arkansas	.27	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	.18	....	*	.02	....	....	.35	....	.85	....	1.05	....	....	....	....	....	3.07
Stuttgart ‡‡[2]	Arkansas	.05	.38	....	....	....	....	....	....	....	....	....	....	T.	....	.38	.19	....	T.	....	....	....	29	. ..	.92	. ..	1 06	....	....	....	....	T.	3.27
Subiaco	Arkansas	2.00	....	....	....	....	....	....	....	....	....	....	....	....	.37	.01	....	T.	.01	....	....	....	....	.64	.59	.38	.21	....	....	....	....	.03	4.24
Texarkana [2]	Red	.65	....	.10	....	....	....	....	....	....	....	....	....	....	.35	....	.27	....	T.	....	....	....	....	....	.60	....	.65	....	....	....	....	....	2.62
Thornburg	Arkansas	1.02	....	....	....	....	....	....	....	....	....	....	....	....	.16	.16	.47	.16	.03	....	....	....	.70	.05	.37	.21	.05	....	....	....	T.	T.	3.38
Turnpike †	Arkansas	1.47	....	....	....	....	....	....	....	....	....	....	....	....	.57	.08	.10	.01	.01	....	....	....	.02	1.31	.96	.31	.03	....	....	....	.01	. ..	4.88
Wabash	Mississippi	1.00	.42	....	....	....	....	....	....	....	....	....	....	....	....	.30	.04	....	T.	....	....	....	....	....	....	.80	.68	....	....	....	....	....	3.24
Waldron	Arkansas	1.15	....	....	....	....	....	....	....	....	....	....	....	....	.25	.13	....	....	....	....	....	....	.06	.90	.09	.03	....	.08	....	....	....	....	2.69
Warren	Ouachita	2.15	....	.65	....	....	....	....	....	....	....	....	....	.15	....	....	.50	....	T.	....	....	....	....	....	.68	.08	.60	....	....	....	....	....	4.81
Whitecliffs [2]	Red	.10	....	....	....	....	....	1.10	....	....	....	....	....	....	.42	.83	.10	....	....	....	....	....	....	....	.90	....	.57	....	....	....	....	....	4.02
White Rock †	Arkansas	1.36	....	....	....	....	....	.03	....	....	....	....	....	....	.78	.10	.20	.04	T.	....	....	....	.04	1.32	.17	.19	.01	....	....	....	T.	.03	4.27
Wilson [2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.65	.08	....	.15	....	....	....	.43	....	1.12	....	.40	....	....	....	....	....	2.83
Wright	Arkansas	.29	....	....	....	....	....	....	....	....	....	....	....	....	....	.34	.23	....	.11	....	....	....	....	....	.94	.17	.64	....	....	....	....	....	2.72
Wynne [2]	St. Francis	.27	....	....	....	....	....	....	....	....	....	....	....	....	.47	....	.10	....	T.	....	....	....	.25	....	.33	1.42	.60	....	....	....	....	T.	3.44

Daily Temperatures for January, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	70	67	52	52	49	40	54	59	57	62	68	65	64	55	60	58	52	35	46	59	60	55	45	44	45	57	50	48	51	55	59	54.6
	Minimum	51	44	35	28	26	22	31	30	38	23	38	31	41	43	46	44	33	20	16	27	36	41	36	38	29	40	29	30	24	29	46	33.7
Arkadelphia §§	Maximum	69	57	62	59	41	44	52	62	61	60	62	67	65	52	64	60	43	41	48	62	60	61	58	48	50	56	55	45	55	51	61	55.8
	Minimum	51	49	39	26	27	27	27	32	35	24	27	30	37	44	48	44	42	26	20	22	27	40	39	43	36	38	30	30	26	28	37	33.9
Batesville •••	Maximum	66	53	52	48	36	36	49	59	49	62	60	62	63	61	60	60	48	36	42	61	62	55	49	44	48	49	47	36	36	50	56	50.7
	Minimum	49	43	32	25	21	22	29	29	28	20	34	28	40	35	47	46	29	24	17	27	35	49	34	29	29	30	30	27	25	29	41	31.7
Bee Branch	Maximum	67	67	52	52	40	40	50	58	59	58	64	63	62	60	60	60	57	35	40	58	59	57	48	48	46	53	50	48	40	45	53	53.2
	Minimum	50	42	34	29	22	23	30	30	31	23	33	28	40	38	48	46	34	19	14	23	35	41	35	39	28	41	27	30	24	26	40	32.4
Benton §§	Maximum	71	56	56	57	37	42	55	61	57	61	66	67	65	57	63	61	41	39	48	61	61	59	47	49	50	55	52	39	48	57	62	54.8
	Minimum	41	48	35	22	21	24	26	26	27	21	20	26	28	38	40	42	41	25	15	23	23	38	32	41	29	32	27	27	22	22	31	29.5
Bentonville •••	Maximum	64	47	49	36	37	40	45	54	47	62	67	66	62	53	54	49	35	24	44	58	57	54	40	36	45	42	41	36	56	54	54	48.6
	Minimum	44	35	29	22	20	28	32	41	33	28	31	39	50	47	45	35	18	9	13	33	42	33	34	29	30	27	25	25	21	41	46	31.8
Blytheville	Maximum	60	59	45	44	36	37	..	58	46	54	46	62	66	67	56	62	46	37	36	38	64	58	49	45	47	51	43	34	35	45	56	49.4
	Minimum	51	41	31	28	21	20	..	28	24	20	30	26	36	40	47	46	35	25	20	20	25	40	35	39	35	32	32	30	31	29	38	31.8
Booneville	Maximum	76	67	55	49	45	37	52	62	57	65	68	69	65	60	62	59	47	33	54	62	61	59	42	44	44	42	51	46	56	60	56	55.0
	Minimum	50	40	33	24	24	25	31	31	37	22	28	30	44	48	39	47	31	16	14	25	38	39	33	35	28	32	22	26	21	32	46	32.0
Brinkley	Maximum	67	64	53	50	47	42	53	62	53	56	60	63	67	63	63	64	57	56	53	60	63	58	50	47	45	55	51	41	37	55	53	55.3
	Minimum	54	48	39	29	29	24	31	27	36	23	24	31	45	48	48	48	40	39	20	26	34	49	38	42	40	31	31	29	25	26	44	35.4
Camden	Maximum	70	66	56	61	61	46	57	65	65	60	68	70	65	63	62	63	53	45	49	62	62	66	69	70	57	60	55	55	57	60	64	60.7
	Minimum	58	48	38	27	32	29	34	28	36	24	32	29	37	41	43	42	40	26	19	23	29	54	38	43	41	46	30	28	25	30	43	35.3
Clover Bend	Maximum	60	56	54	46	43	38	44	57	61	59	60	64	61	64	60	59	50	40	37	57	63	56	58	45	46	50	45	44	36	49	58	52.3
	Minimum	44	39	31	25	19	19	26	23	23	18	28	23	31	36	42	43	33	23	15	22	30	46	34	35	34	31	32	31	32	35	44	30.5
Conway	Maximum	70	65	56	54	46	39	54	65	57	62	66	66	67	59	62	64	54	39	46	64	62	57	47	48	48	54	50	46	40	49	58	55.3
	Minimum	54	47	34	28	27	25	32	27	35	23	32	29	42	42	47	47	35	23	18	26	35	45	33	41	30	43	26	31	24	27	43	33.9
Corning	Maximum	60	60	52	43	38	36	42	49	48	57	51	64	61	60	58	56	52	86	38	58	61	55	48	43	46	50	41	37	35	46	58	49.7
	Minimum	47	44	33	28	19	19	25	25	36	20	32	24	34	36	45	42	35	25	15	24	30	42	36	39	36	40	32	29	31	31	36	31.9
Crossett	Maximum	66	65	55	60	47	50	59	64	62	58	65	69	67	60	66	62	52	43	49	62	64	72	75	66	65	62	56	45	58	62	62	60.3
	Minimum	56	49	43	25	32	25	28	30	29	22	31	24	34	41	44	45	42	32	24	23	38	51	40	40	39	48	31	28	20	28	41	34.9
Dardanelle	Maximum	70	65	54	51	47	40	51	58	57	63	64	65	66	63	63	61	54	37	45	63	61	59	46	49	45	47	51	49	46	50	55	54.7
	Minimum	53	45	37	30	29	27	34	33	41	26	34	31	45	47	45	48	35	22	19	27	35	42	35	41	33	42	28	29	26	31	44	35.3
De Queen	Maximum	75	69	53	69	46	41	55	60	71	64	71	69	..	..	62	58	50	43	53	64	61	63	54	57	51	60	66	53	65	59	68	59.7
	Minimum	59	44	33	24	33	29	35	30	36	25	30	31	43	49	40	44	33	24	18	24	35	41	38	40	34	41	30	28	26	36	48	34.9
Devils Knob	Maximum	59	57	45	41	36	37	45	52	47	56	61	60	57	53	51	49	44	26	38	53	49	49	40	41	37	41	48	43	50	51	49	47.3
	Minimum	47	32	29	25	17	19	25	34	34	31	40	43	48	45	46	42	23	9	12	32	39	35	32	31	29	31	23	23	27	37	46	31.8
Dumas	Maximum	65	64	53	56	46	46	58	66	57	60	63	68	66	62	67	66	53	42	47	65	64	70	66	57	58	58	49	38	53	61	63	58.3
	Minimum	42	50	39	31	31	26	33	31	35	21	33	30	36	41	41	47	40	30	19	28	35	48	39	44	32	47	29	28	25	30	47	35.1
El Dorado	Maximum	69	64	64	60	45	49	55	63	62	59	66	69	67	65	61	60	51	40	50	62	65	70	71	67	69	68	58	59	57	61	66	61.0
	Minimum	59	50	40	30	32	28	38	35	42	30	37	37	43	42	48	45	39	28	21	20	36	37	40	45	45	40	33	30	28	37	49	37.9
England	Maximum	66	64	53	52	47	42	52	62	55	60	62	67	67	63	63	63	54	37	43	62	60	57	57	57	52	55	52	42	41	56	61	55.6
	Minimum	54	47	36	28	27	25	32	28	36	24	31	27	41	42	45	46	37	23	21	26	30	46	46	41	30	45	28	28	25	27	46	34.5
Eureka Springs	Maximum	67	58	53	41	38	37	44	55	51	63	70	68	64	57	55	52	41	28	47	60	57	53	39	42	43	44	45	40	51	53	56	50.7
	Minimum	49	32	29	22	17	23	29	38	33	29	33	45	50	47	45	40	22	8	10	34	40	35	33	31	28	29	25	25	22	34	45	31.7
Fayetteville	Maximum	64	62	47	45	39	40	48	55	51	59	65	64	61	59	54	54	43	25	44	56	56	55	42	41	45	44	41	41	56	56	54	50.5
	Minimum	50	33	29	25	21	26	30	36	33	25	29	38	50	49	45	42	23	9	12	35	42	33	34	30	30	28	25	25	23	42	46	32.2
Fayetteville Exp. S	Maximum	65	63	49	44	39	40	48	53	50	60	67	65	60	58	55	54	44	24	43	56	55	54	42	40	45	45	43	41	58	55	54	50.5
	Minimum	51	34	30	26	21	27	30	36	34	25	30	37	49	46	45	42	23	10	11	34	42	34	35	30	29	28	26	26	23	40	46	32.3
Fort Smith ***	Maximum	72	52	54	44	38	37	47	56	55	63	64	65	64	55	56	54	38	32	44	61	62	54	43	43	42	43	48	35	51	56	52	51.0
	Minimum	49	40	38	32	28	29	31	38	35	29	37	38	48	49	48	38	28	13	20	30	43	41	40	35	35	31	28	29	28	37	49	35.5
Gilbert §§	Maximum	67	54	54	45	37	37	52	61	52	60	70	71	65	61	61	57	48	55	49	64	59	48	45	45	46	45	46	39	42	50	50	52.7
	Minimum	38	37	29	17	13	20	20	20	21	13	28	18	19	30	34	37	34	14	8	16	16	37	33	33	22	25	25	25	17	26	30	24.4
Grannis	Maximum	71	62	57	69	48	39	55	62	59	61	68	66	62	58	60	55	49	38	49	57	60	57	47	56	47	54	60	56	62	58	65	57.0
	Minimum	55	39	31	27	29	25	32	32	39	27	32	36	47	45	34	40	29	19	15	27	39	37	33	35	32	35	28	26	26	36	45	33.3
Gravette §§	Maximum	65	56	50	48	39	40	46	53	48	61	68	66	60	57	53	50	45	45	45	58	60	58	40	42	45	48	42	35	60	55	54	51.4
	Minimum	50	31	25	23	18	27	29	40	32	21	29	39	47	45	43	38	25	7	5	32	40	32	32	28	27	25	24	23	20	38	45	30.3
Green Mountain	Maximum	65	64	47	44	36	32	45	58	51	65	60	64	63	60	57	52	51	31	41	58	53	53	40	38	40	44	41	38	35	51	52	49.3
	Minimum	44	38	33	29	17	18	27	35	39	29	38	38	51	42	45	46	28	17	14	31	42	39	33	36	30	29	26	27	24	29	45	32.9
Harrison	Maximum	63	60	45	40	34	34	45	57	55	60	60	65	63	56	53	55	46	58	45	59	56	55	39	45	42	45	40	37	37	55	55	50.3
	Minimum	47	37	30	26	18	22	29	34	35	22	29	28	42	41	40	45	25	13	12	24	36	38	35	31	27	31	27	27	24	28	41	30.5
Helena	Maximum	62	63	49	49	41	41	53	59	50	54	55	63	65	65	62	56	58	41	40	58	62	63	53	50	54	54	48	37	42	56	63	54.1
	Minimum	53	46	36	30	27	22	30	36	40	21	30	29	41	43	47	48	39	27	16	29	36	49	39	42	31	46	27	26	23	25	44	34.8
Highland	Maximum	71	67	50	60	54	41	56	62	61	58	66	68	64	59	61	66	48	41	46	59	59	60	54	53	47	58	59	56	56	56	62	57.4
	Minimum	54	..	..	..	..	..	..	..	.	31	36	56	45	48	44	44	34	24	18	33	41	48	37	39	36	42	30	31	29	38	48	38.5
Hope §§ ‡‡	Maximum	70	55	55	60	40	41	55	64	61	59	69	68	66	57	62	54	51	42	49	61	61	62	64	49	53	59	55	49	60	59	65	57.3
	Minimum	52	46	38	28	28	27	27	32	33	25	27	33	35	42	46	44	41	27	19	19	26	43	39	42	34	41	30	30	26	27	37	33.7
Hot Springs	Maximum	69	65	53	53	44	42	54	59	57	61	64	64	63	65	58	58	50	37	45	58	59	58	47	47	47	49	54	50	54	57	59	54.8
	Minimum	55	46	37	30	28	24	34	31	37	26	34	33	45	45	44	44	33	23	18	31	36	45	34	41	32	42	27	30	26	31	48	35.2

Daily Temperatures for January, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	70	48	52	50	40	40	55	60	53	61	68	64	62	52	63	58	34	32	50	58	57	46	46	38	47	38	51	47	62	58	54	52.1
	Minimum	50	39	28	21	26	24	26	28	34	20	23	29	37	44	41	42	33	17	11	24	31	35	28	33	27	34	26	28	23	28	43	30.1
Jonesboro	Maximum	63	62	49	44	38	32	48	58	48	57	52	63	66	66	59	62	54	37	41	60	62	57	48	45	48	52	42	37	35	48	58	51.3
	Minimum	48	44	34	31	21	19	26	27	38	21	34	27	42	38	43	43	34	24	17	23	31	45	35	39	35	39	29	28	25	29	40	32.5
Lead Hill..........	Maximum	67	59	42	40	31	34	34	50	50	66	56	64	64	58	51	47	47	28	45	52	58	57	40	39	43	43	37	39	30	48	56	47.6
	Minimum	46	38	25	22	14	21	30	32	36	18	22	21	40	34	42	43	26	14	11	19	25	37	35	35	25	33	28	27	21	24	36	28.4
Little Rock..***	Maximum	68	60	51	50	36	38	50	60	53	59	62	65	64	59	60	60	48	35	42	59	60	57	45	47	48	51	46	36	39	53	59	52.3
	Minimum	55	47	36	31	28	26	33	34	40	29	41	34	46	46	49	48	29	24	22	30	41	40	39	38	35	35	31	31	28	30	49	36.3
Little Rock.....*** [Airway]	Maximum	69	58	53	54	35	40	51	61	54	60	62	67	65	58	62	61	48	36	42	60	61	57	45	47	48	53	49	37	39	52	59	53.0
	Minimum	54	46	34	30	27	24	34	30	35	25	34	30	39	41	46	46	29	24	19	25	35	38	38	35	32	35	30	29	26	28	46	33.7
Lutherville.........	Maximum	70	65	53	50	44	40	48	57	54	58	65	64	63	58	62	58	48	36	43	61	57	56	44	50	47	48	47	43	54	51	54	53.2
	Minimum	45	40	33	30	24	23	31	35	40	27	36	34	45	46	45	47	30	17	15	28	39	39	35	38	31	39	25	28	23	31	38	33.5
Magnolia...........	Maximum	69	67	55	60	48	44	58	65	63	60	70	70	68	61	62	59	51	42	49	62	62	67	70	68	64	60	60	51	60	61	65	60.4
	Minimum	59	49	39	42	31	28	35	36	40	27	35	36	44	49	48	45	39	28	20	34	40	55	43	44	40	38	32	31	28	36	42	38.5
Mammoth Spring.	Maximum	63	60	48	45	38	44	52	50	56	64	60	67	66	60	57	55	52	34	40	59	58	55	45	41	41	44	42	41	36	54	60	51.2
	Minimum	43	40	31	23	19	26	26	38	33	16	28	23	34	34	47	43	32	21	13	21	31	45	37	37	35	39	31	29	25	31	45	31.5
Marianna...........	Maximum	63	62	50	49	44	40	54	59	50	56	55	63	66	66	..	65	45	30	42	58	61	63	50	45	53	54	42	34	41	56	58	52.5
	Minimum	56	47	38	29	27	24	30	30	34	22	32	26	39	35	..	47	43	28	20	27	32	37	57	39	32	35	29	28	25	26	42	33.2
Marked Tree....§§	Maximum	62	55	52	59	34	39	53	59	51	56	52	63	67	69	56	61	44	31	37	58	61	58	48	48	51	53	39	33	36	51	57	51.4
	Minimum	44	44	34	27	20	19	20	24	25	17	18	24	25	24	35	41	40	26	16	16	..	37	34	35	36	36	28	27	26	26	29	28.4
Mena...............	Maximum	71	55	52	55	40	41	54	60	55	61	68	68	65	57	64	60	45	33	50	60	60	55	47	47	44	49	52	52	65	59	56	54.8
	Minimum	55	40	34	28	28	25	33	30	43	26	35	38	46	50	42	45	29	19	16	34	43	36	32	35	32	30	25	30	29	42	46	34.7
Monticello......***	Maximum	66	61	53	58	42	46	58	62	58	58	65	67	66	58	63	64	48	35	48	62	63	70	70	60	53	58	44	38	55	63	66	57.4
	Minimum	56	45	32	30	28	26	34	38	40	24	35	..	44	45	51	45	33	25	20	30	37	43	41	43	40	41	32	29	25	35	48	36.5
Morrilton ....§§	Maximum	71	55	52	50	37	38	50	61	56	62	64	66	66	56	65	64	45	37	46	63	60	48	44	47	45	50	49	38	40	46	51	52.3
	Minimum	44	45	36	29	27	24	25	28	31	23	24	27	29	41	42	43	37	22	17	20	25	41	31	37	31	32	27	29	25	26	30	30.6
Mountain Home...	Maximum	66	58	55	40	35	35	45	59	50	66	65	69	64	59	60	56	53	31	45	62	58	55	41	39	45	44	44	40	38	53	56	51.2
	Minimum	39	32	29	28	18	19	28	30	31	20	30	27	43	38	39	45	28	17	14	24	32	39	36	35	27	32	28	28	26	21	39	29.8
Mt. Ida	Maximum	74	66	58	57	46	43	58	64	59	65	71	67	64	58	63	61	59	37	50	62	63	58	67	46	46	49	59	50	59	61	56	57.9
	Minimum	55	44	28	19	25	23	34	23	31	18	25	23	40	44	34	42	32	20	12	21	30	42	28	24	26	39	21	25	20	28	47	29.8
Nashville..........	Maximum	72	65	58	60	52	40	55	62	62	60	67	69	65	55	62	56	49	41	50	62	60	61	59	53	53	60	59	49	56	57	62	57.8
	Minimum	61	45	36	27	32	28	34	33	38	26	31	34	41	48	44	44	35	26	26	20	36	46	39	37	35	38	30	30	28	36	47	35.8
Newport...........	Maximum	68	66	53	49	41	38	49	59	54	60	57	64	65	65	60	63	59	38	41	60	63	58	50	45	49	49	46	42	36	49	56	53.3
	Minimum	50	45	34	26	24	23	28	26	37	21	34	25	37	34	46	46	37	25	18	24	36	49	35	40	30	44	30	30	25	27	39	33.1
Oden...........***	Maximum	61	52	53	51	39	40	53	61	54	61	68	64	63	50	61	60	43	32	52	60	60	55	44	41	44	46	54	46	60	59	52	52.9
	Minimum	50	41	31	25	19	27	33	24	38	23	33	28	44	47	38	43	26	17	13	39	47	33	30	28	28	30	25	27	23	32	48	31.9
Okay...............	Maximum	73	71	59	61	58	58	55	64	64	62	65	69	66	62	63	66	50	43	49	62	62	62	63	62	62	59	60	59	60	60	67	61.2
	Minimum	59	48	37	27	29	28	35	31	42	25	30	31	33	30	34	41	39	26	19	26	42	47	40	38	36	44	32	31	26	36	46	35.1
Ozark..............	Maximum	67	61	55	50	40	38	50	59	57	62	66	64	65	59	58	57	47	35	45	60	59	57	46	48	44	45	51	47	53	53	53	53.3
	Minimum	50	37	33	26	24	25	32	33	35	23	29	29	42	48	43	44	19	12	15	23	35	40	36	35	30	32	24	27	25	32	45	31.7
Paragould.........	Maximum	60	59	47	45	44	34	45	55	49	53	50	58	61	62	57	58	56	35	35	54	58	56	48	44	47	50	47	38	35	47	54	49.7
	Minimum	49	43	33	29	20	19	25	26	38	22	35	26	33	35	42	42	33	25	16	25	32	45	37	39	36	43	30	29	30	30	39	32.5
Pine Bluff.........	Maximum	64	63	53	54	42	42	55	64	57	59	63	67	67	59	61	67	53	41	47	67	63	64	57	51	51	58	50	40	47	59	61	56.3
	Minimum	57	39	39	31	30	28	34	32	39	26	35	31	43	44	46	49	39	27	21	28	38	45	41	43	34	47	31	31	26	30	49	36.5
Pocahontas........	Maximum	60	59	52	49	41	37	44	54	54	64	60	61	59	60	58	57	56	43	37	57	60	57	48	46	46	52	46	42	44	46	58	51.8
	Minimum	44	42	33	25	17	18	25	27	34	19	33	22	33	35	45	43	31	22	13	20	22	46	36	37	35	40	29	26	24	29	38	30.4
Portland	Maximum	67	66	52	60	52	46	58	61	60	59	63	68	68	60	63	66	53	45	49	63	63	74	73	69	57	61	58	44	52	65	65	60.0
	Minimum	54	50	40	28	31	25	29	30	30	25	35	28	35	40	45	45	41	29	19	24	31	49	39	44	38	48	30	28	23	28	43	35.0
rescott...........	Maximum	69	68	56	60	54	43	56	62	62	60	62	70	66	62	64	59	51	43	50	63	61	63	63	57	52	58	55	53	58	59	63	58.8
	Minimum	59	48	39	29	32	27	35	33	42	28	35	34	43	47	48	46	32	27	20	27	37	53	39	43	36	45	30	31	27	36	47	37.3
Rogers	Maximum	65	61	50	48	38	40	45	54	51	61	67	66	62	59	54	52	43	24	43	58	57	54	39	38	45	41	41	37	56	55	55	50.3
	Minimum	51	33	28	25	18	25	30	38	33	21	25	27	45	47	46	43	24	9	9	27	37	34	34	31	28	29	26	26	21	33	44	30.5
Russellville.....‡‡	Maximum	72	67	55	54	47	40	53	61	59	60	68	70	68	63	64	61	53	38	46	62	62	59	50	51	51	49	50	49	48	52	56	56.1
	Minimum	50	43	35	22	26	26	32	28	34	23	31	27	42	41	44	46	33	20	17	24	31	41	32	40	30	38	21	27	25	29	38	32.1
St. Charles ....§§	Maximum	64	54	51	53	35	41	55	62	54	56	60	65	67	65	62	65	46	32	44	59	63	63	54	46	54	55	44	36	47	56	64	53.9
	Minimum	48	51	39	30	28	25	26	30	35	24	28	29	37	38	47	48	45	28	20	26	34	42	40	42	31	35	30	30	26	29	33	34.0
earcy	Maximum	70	64	55	53	41	39	50	62	58	60	63	66	65	63	62	63	56	38	44	61	62	57	50	46	48	55	49	43	38	50	55	54.4
	Minimum	55	45	34	26	25	24	30	26	37	21	29	26	38	37	46	44	37	24	17	23	30	46	36	40	28	43	26	29	25	26	39	32.6
tuttgart	Maximum	65	64	52	51	42	40	53	60	54	57	59	64	68	61	62	65	51	38	40	60	62	60	51	49	51	56	49	41	44	56	63	54.5
	Minimum	54	47	38	30	27	24	31	29	37	23	33	29	38	40	46	46	38	25	19	26	31	46	39	43	31	46	29	29	25	28	47	34.6
tuttgart ....‡‡§§	Maximum	65	56	52	52	34	40	58	61	55	57	62	64	61	62	61	64	44	35	41	59	61	61	51	46	52	54	44	37	46	54	63	53.3
	Minimum	50	48	39	28	28	25	25	28	31	23	29	28	38	41	38	47	42	26	20	25	33	41	38	41	30	35	30	29	26	28	33	33.0
ubiaco	Maximum	73	66	54	50	45	38	51	58	55	61	65	67	68	60	60	59	47	33	44	63	60	60	44	46	44	43	47	46	51	50	53	53.6
	Minimum	48	41	36	33	26	25	32	34	39	31	37	33	43	45	45	46	30	17	16	26	42	40	35	38	32	35	26	28	24	30	44	34.1
exarkana	Maximum	72	67	67	63	53	38	55	67	65	63	70	72	68	59	58	57	50	47	53	65	62	58	64	55	53	60	58	54	65	65	71	60.5
	Minimum	58	48	42	30	36	30	37	36	45	30	35	38	45	52	42	45	37	27	21	33	42	47	42	42	37	45	33	33	30	42	42	38.8
hornburg	Maximum	72	64	53	52	39	41	54	62	55	64	62	67	65	56	62	59	48	35	41	61	61	56	44	51	48	48	50	37	52	52	59	53.9
	Minimum	52	45	25	22	21	21	31	23	29	16	26	24	35	40	37	46	30	20	10	22	27	41	27	35	28	35	26	22	19	27	47	29.3
urnpike	Maximum	60	57	48	42	38	36	47	55	48	57	63	62	59	53	55	52	43	29	40	56	51	51	41	46	42	43	50	43	50	50	51	49.0
	Minimum	46	34	33	28	18	18	27	35	35	31	39	41	48	45	42	43	24	11	14	30	40	35	31	33	28	33	23	23	25	18	45	31.5
Waldron	Maximum	74	63	55	51	48	..	57	63	60	65	..	71	63	60	65	60	50	35	55	64	61	60	45	45	46	48	50	48	63	60	60	56.7
	Minimum	50	41	32	22	24	..	31	26	40	22	..	28	44	48	37	42	30	17	16	23	42	39	34	34	28	34	26	30	23	34	47	32.6
Warren	Maximum	65	64	54	60	50	48	59	64	60	58	65	69	58	62	65	61	51	42	50	62	62	65	69	65	57	59	59	44	56	61	63	58.9
	Minimum	57	48	48	29	32	26	35	52	35	25	34	57	44	45	46	45	40	22	20	22	34	40	60	43	40	42	31	26	24	31	47	38.1
White Rock.........	Maximum	59	60	48	42	35	36	43	52	47	57	60	59	59	53	54	48	40	27	39	54	51	50	41	43	39	43	47	41	49	51	49	47.6
	Minimum	47	32	32	27	20	20	24	35	34	32	43	45	47	45	42	39	20	9	13	34	40	33	31	29	30	29	24	23	27	41	46	32.0
ilson	Maximum	58	59	52	42	44	39	44	56	58	52	48	51	68	68	67	63	54	52	39	57	62	61	55	45	54	52	50	36	36	50	57	52.5
	Minimum	41	39	32	30	19	18	20	21	25	17	22	34	37	44	42	40	39	26	19	25	36	45	34	39	34	40	29	29	27	27	36	31.2
ynne	Maximum	65	64	53	48	46	38	53	62	56	48	57	65	67	66	62	65	61	60	40	60	61	60	55	46	52	53	50	42	37	55	58	55.0
	Minimum	50	47	37	27	23	20	23	31	36	20	29	25	39	41	45	45	40	26	17	29	37	48	33	40	36	42	27	25	24	29	37	33.2

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ope..........§§ Exp. Farm	Evap.	.066	.060	.090	.081	.120	.067	.073	.053	.066	.120	.132	.081	.068	.073	.027	.109	.090	*	*	.222	.121	.057	.150	.112	.039	...	.097	.078	.047	.052	.025	2.453
	Mean tem.	61	50	46	44	34	34	41	48	47	42	48	50	50	50	54	49	46	34	34	40	44	52	52	46	44	50	42	40	43	43	51	45.5
	Wind move	66	44	43	23	60	88	39	21	26	40	80	14	9	41	12	34	133	96	48	34	34	98	71	50	28	46	63	32	22	17	11	1423
ons Fork...§§ Exp. Forest	Evap.	.061	.059	.035	.034	.073	.047	*	.005	.023	.025	.029	.031	.018	.023	.004	.028	.024	*	*	*	.058	.055	.031	.044	.008	.008	*	.049	*	.035	.002	0.759
	Mean tem.	60	44	45	36	33	32	40	24	44	40	46	46	50	48	52	50	64	24	30	41	44	40	37	36	37	36	38	38	38	43	48	41.1
	Wind move	17	12	5	4	7	5	11	6	7	12	13	3	6	10	2	11	18	24	11	7	23	27	6	9	6	23	11	6	3	2	0	307
sselville.... ark Nursery.	Evap.	...	.094	.058	.060	.070	.056	.032	.024	.056	.084	.048	.048	.040	014	.030	.240	.102	.054	.034	.020	.038	.056	.006	.050	.080	.176	.080	014	.052	.028	.012	1.815
	Mean tem.	61	55	45	33	36	33	42	44	46	41	50	48	55	52	54	51	43	49	32	43	46	50	41	46	40	44	36	38	36	40	42	41.1
	Wind move	23	57	12	15	18	36	9	1	6	35	11	3	4	8	11	22	122	128	20	11	14	95	11	42	29	75	31	11	11	2	0	868
ttgart.....§§ e Exp. Farm	Evap.	.012	025	.060	*	*	*	*	*	.249	*	*	*	.179	.058	.010	.018	.106	*	*	*	.130	.096	.059	.003	....	....	*	*	*	*	.114	1.190
	Mean tem.	63	53	46	40	36	37	44	44	43	40	40	36	50	52	50	56	43	30	30	42	47	51	44	44	44	41	44	37	36	44	48	43.2
	Wind move	67	84	34	21	59	75	33	12	15	*	82	13	15	18	37	48	155	178	45	22	53	124	5	108	23	63	67	45	19	14	9	1538

Daily Precipitation for January, 1941 Hydrologic Stations

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alicia[1] ‡	White	.62	....	....	....	....	....	....	....	....	....	....	....	....	.15	....	.38	....	....	....	....	.02	.10	1.53	.03	.17	.05	....	....	....	.13	....	3.18
Antoine(near)[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Beaty Lake(near)	St. Francis	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	.65	.07	....	.06	....	....	....	....	.09	1.37	....	.65	....	....	....	....	....	2.98
Beedeville[2]	White	.19	.07	....	....	....	....	....	....	....	....	....	....	....	....	.28	.11	.04	.02	....	....	....	.29	....	1.26	....	.38	....	....	....	....	.02	2.66
Blue Mountain[2]	Arkansas	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	....	....	.10	....	....	....	....	....	1.10	....	.40	....	....	....	....	....	3.00
Briggsville[1] ‡	Arkansas	.82	....	....	....	....	....	....	....	....	....	....	....	....	.38	.06	.08	.06	.04	....	....	.38	.30	.48	....	.04	....	....	....	....	....	....	2.64
Cabot[2]	Arkansas	.50	.10	....	....	....	....	....	....	....	....	....	....	....	....	.20	.10	....	.10	....	....	....	.60	....	.80	.40	.20	....	....	....	....	....	3.00
Carlisle[2]	Arkansas	.28	.04	....	....	....	....	....	....	....	....	....	....	....	....	.52	.10	T.	.02	T.	....	....	.21	....	1.65	....	1.06	....	....	....	....	....	3.88
Carpenter Dam[1]	Ouachita	.19	....	....	....	....	....	....	....	....	....	....	....	....	.41	....	.15	....	....	....	....	....	.38	.96	....	.35	.20	....	....	....	....	....	2.64
Clarksville[1] ‡	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	.47	....	....	....	....	....	....	....	....	1.85	.05	.40	....	....	....	....	....	....	.....
Clay SCS 2	Arkansas	....	.40	....	....	....	....	....	....	....	....	....	....	....	....	.41	.08	....	.05	....	....	....	.23	....	1.13	....	.30	....	....	....	....	....	2.60
Compton[1] ‡	White	...	....	....	....	....	....	....	....	....	....	....	....	....	.58	....	.58	.06	....	....	....	....	....	1.32	....	.10	....	....	....	....	....	....	.....
Denmark[2]	White	.56	.34	....	....	....	....	....	....	....	....	....	....	....	....	.37	.17	.12	.03	....	....	....	.27	....	1.23	....	.27	....	....	....	....	....	3.36
Dermott[2]	Mississippi	.83	1.03	.09	....	....	....	T.	....	....	....	....	....	....	....	.17	.27	.02	....	T.	....	....	....	....	.50	T.	1.02	....	....	....	....	....	3.93
Eleven Point[2]	White	.65	.08	....	....	....	....	....	....	....	....	....	....	....	....	.24	.22	.66	....	....	....	....	....	....	1.32	....	.22	....	....	....	....	.06	2.45
Evening Shade[2]	White	.93	.15	....	....	....	....	....	....	....	....	....	....	....	....	.26	.03	.38	....	....	....	....	.02	....	1.40	....	.22	....	....	....	T.	.12	3.51
Foreman[1] ‡	Red	.36	....	....	....	....	.08	....	....	....	....	....	....	....	.44	....	....	....	....	....	....	....	....	.72	....	.47	.05	....	....	....	....	....	2.12
Green Forest[2]	White	1.70	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	.30	....	....	....	....	.30	....	1.00	....	...	....	....	....	....	.50	4.30
Greenwood[2]	Arkansas	2.15	....	....	....	....	....	.01	....	....	....	....	....	....	.66	....	T.	.02	.03	....	....	....	....	.30	.53	....	.38	....	....	....	....	....	4.08
Hardy[1] ‡	White	.69	....	....	....	....	....	....	....	....	....	....	....	....	.10	.04	.42	.01	....	....	....	....	....	1.48	.06	.15	.02	.03	....	....	.05	....	3.05
Harrisburg[2]	St. Francis	.19	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	.20	.05	....	....	....	....	.19	....	1.25	....	.46	....	....	....	....	....	2.69
Huntsville[2] ‡	White	1 54	....	....	....	....	....	.02	....	....	....	....	....	....	.50	.03	.28	.08	....	....	....	....	....	1.40	....	.05	....	....	....	....	.04	....	3.94
Jacksonville[2]	Arkansas	.68	.15	....	....	....	....	....	....	....	....	....	....	....	....	.22	.07	....	.09	....	....	....	.35	....	.89	.42	.23	....	....	....	....	....	3.10
LaCrosse[2]	White	1.26	.03	....	....	....	....	....	....	....	....	....	....	....	....	.18	.13	.36	....	....	....	....	....	....	1.56	....	.15	....	....	....	.08	.06	3.81
Lake City[2]	St. Francis	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	.15	*	.60	.01	....	....	....	.10	....	1.12	....	.34	....	....	....	....	.09	2.66
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Mountain View[2]	White	1.27	.08	....	....	....	....	....	....	....	....	....	....	....	T.	.25	.01	.03	....	....	....	.06	....	....	1.81	....	.18	....	....	....	....	.02	3.71
Newhope(near)[2]	Ouachita	.26	....	....	....	....	....	....	....	....	....	....	....	....	....	.68	....	....	....	....	....	....	....	.19	.54	....	.59	....	....	....	....	....	2.26
Nimrod[2] ‡	Arkansas	.76	....	....	....	....	....	....	....	....	....	....	....	....	.28	....	.54	.06	.06	....	....	....	.53	.46	.02	.15	.06	....	....	....	....	.04	2.96
Odell (near)	Arkansas	3.40	....	....	....	....	....	10	....	....	....	....	....	....	....	.93	.27	.40	.17	....	....	....	....	*	1.21	....	.23	....	....	....	....	.02	6.73
Parthenon[2] ‡	White	1.36	....	....	....	....	....	....	....	....	....	....	....	....	.22	.10	.17	....	.01	....	....	....	....	1.56	.05	.10	....	....	....	....	....	....	3.57
Pottsville[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
St. Paul[2]	White	1.42	....	....	....	....	....	T.	....	....	....	....	....	....	....	.90	.20	.10	T.	....	....	....	....	....	1.55	....	.20	....	....	....	.04	....	4.41
Shirley[2]	White	1.04	....	....	....	....	....	....	....	....	....	....	....	....	....	1.53	.13	.07	T.	....	....	....	.13	....	1.54	....	.34	....	....	....	....	.04	4 82
Solgahachie[2]	Arkansas	.93	....	....	....	....	....	....	....	....	....	....	....	....	.18	....	.42	....	03	....	....	....	.63	.18	....	.65	....	....	....	....	....	....	3.02
Sparkman[2]	Ouachita	.28	1.63	.04	....	....	....	T.	....	....	....	....	....	....	....	.32	.07	....	T.	....	....	....	.03	....	.98	....	.65	....	....	....	....	T.	4.00
Tichnor[2]	White	.34	.78	.10	....	....	....	....	....	....	....	....	....	....	....	.22	20	....	....	T.	....	....	.36	....	.61	....	.86	....	....	....	....	.01	3.48
Vick[2]	Ouachita	1.83	.23	....	....	....	....	....	....	....	....	....	....	....	....	T.	.20	.30	....	....	....	....	....	.50	....	....	.75	....	....	....	....	....	3.81
Wheeling[1] ‡	White	.65	....	....	....	....	....	....	....	....	....	....	....	....	.12	....	.32	....	....	....	....	....	....	1 67	.01	.42	....	....	....	....	.10	....	3.29
Winfrey[1] ‡	Arkansas	1.54	....	....	....	....	....	.05	....	....	.04	....	....	....	.72	.05	.29	....	....	....	.02	.05	....	1.03	....	.15	.01	....	....	....	....	.02	3.97

Daily River Stages for January, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7 4	18.2	16.3	15.0	13.6	11.4	9.0	8.4	8 3	8.3	8.0	7 5	7 4	7 2	7.4	8 5	10.4	12.0	11.7	11.0	11.2	12.3	12 8	13.1	13.3	13.4	12.4	11.8	11.3	11.2	11.
Van Buren	do	22	7.5	18.2	15.8	15.1	13.6	11.0	8.9	8.4	8.0	7 7	7.6	7.2	6.5	6.6	7.0	8.2	10.0	12.0	11.7	10.0	10.6	12.2	12.8	13.3	13.5	13.1	12.6	11.8	11.4	11.2	11.1
Mulberry	Mulberry	18	1.9	5.7	4.1	3.4	3.0	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.8	1.7	1.8	2.2	2.2	2.2	2.1	2.0	2.0	2.0	1.9	8.3	5.2	4.8	4.0	3.5	3.1	2.8	2.6
Danville	Petit Jean	20	6.9	19.1	21.1	22.1	21.0	18.4	14.4	10.3	8.0	7.0	6.3	5.9	5.5	5.2	5.7	7.5	7.5	6.6	5.9	5.6	5.4	5.3	5.5	7.2	16.8	18.1	17.7	16.2	13.0	10.7	9.2
Ozark	Arkansas	22	2.1	12.5	13.1	11.0	10.0	9.1	8.4	5.4	4.0	3.2	3.2	3.2	2.9	2.7	2.8	2.8	4.4	6.8	7.3	6.9	6.2	7.0	7.9	9.9	9.9	9.0	8.2	7.5	7.1	6.8	6.6
Dardanelle	do.	22	4.8	11.2	17.0	15 7	14.2	12.8	10.5	8.4	7.4	7.1	6.6	6.5	6.2	5.9	5.8	6.1	7.0	8.2	10.3	10.5	9.2	9.5	10.5	13.2	14.2	13.6	12.8	12.1	11.1	10.5	10.8
Morrilton	do.	20	0.7	5.4	12.5	13.1	11.6	10.7	8.8	6.8	5.4	4 6	4.0	3.4	3.0	2.6	2.2	2.8	3.1	4.2	6.4	7.4	7.2	6.5	7.9	8.6	11.2	11.0	10.5	9.8	9 0	8 2	7.7
Little Rock	do.	23	2.2	2.5	9.2	13.5	12.9	11.5	10.4	8.6	6.9	5.8	5.2	4.7	4.3	3.9	3.6	3.4	3.5	4.1	5.0	6.8	7.5	7.2	6.9	7.6	10.4	11.8	11.4	10.7	9.9	9.1	8.4
Pine Bluff	do.	25	5.5	5.3	6.1	14.7	16.4	15.6	14.7	13.4	11.8	10.2	9.1	8.2	7.7	7.2	7.0	6.7	6.5	6.7	6.7	8.6	10.5	11.1	10.6	10.5	11.9	14 8	15.3	15.1	14.3	13.6	12.8
Gilbert	Buffalo	30	5.7	9.5	6.6	5.9	5.4	5.0	4.7	4.6	4.5	4.3	4.2	4.1	4 0	3.9	3.9	3 9	4.3	4.5	4.3	4.1	4.0	4.0	3.9	11.8	7.6	7.0	7.5	6.7	6.1	5.7	5.0
Doniphan, Mo.	Current	10	3.4	4.3	5.6	5.0	4.6	4.3	4.1	3.9	3.8	3.7	3.6	3.5	3.5	3.5	3.4	3.4	3.8	3.9	3.9	3.8	3.7	3.6	3.6	3.9	4.3	4.2	4.2	4.0	3.9	3.8	3.7
Black Rock	Black	14	3.6	6.1	7.5	7.8	8.0	7.6	6.9	6.3	5.9	5.5	5.3	5.1	5.0	4.9	4.8	4.7	5.0	5.0	4.8	4.6	4.4	4.3	4.0	7.3	10.0	9.6	9.3	8.7	8.3	8.0	7.7
Heber Springs	Little Red	30	5.8	15.0	11.7	9.5	8.2	7.4	6.7	6.3	5.9	5.6	5.4	5.1	5.0	4.8	4.7	4.9	5.1	5.1	5.1	4.9	4.8	4.7	4.7	7.3	14.1	10.8	10.3	9.1	8.2	7.6	7.2
OzarkBeachMo	White	30	4.7	10.8	11.8	12.6	7.9	6.1	5.2	4.8	4.6	4.6	3.4	1.3	1.8	3.8	2.7	2.0	2.7	4.4	0.6	4.4	4.2	3.8	3.1	4.4	4.5	7.4	7.6	6.6	6.0	5.4	5.0
Cotter	do	21	5.4	10.0	11.9	22.3	12.1	8.4	7.0	6.3	6.1	5.4	5.2	4.8	4.4	4.2	3.9	4.1	3.9	4.3	4.4	4.4	5.3	4.9	4.7	5.9	6.8	6.5	8.4	8.6	7.6	6.0	6.5
Calico Rock	do	18	3.3	10.7	12.8	12.1	12.9	9.6	7.4	6.3	5.6	5.1	4.8	4.6	4.0	3.1	2.8	3.1	3.1	3.9	4.8	4.6	4.0	4.7	4.5	8.0	9.9	7.0	7.9	9.3	8.1	7.3	6.7
Batesville	do	23	7.2	11.8	18.4	18.5	18.2	17.7	13.8	12.0	10.9	10.2	9.7	9.3	9.0	8.4	7.4	7.4	7.9	7.7	8.3	9.2	8.8	8.9	8.9	12.1	15 3	14.9	13.4	14.5	14 3	13.0	12.2
Newport	do	26	4.2	4.6	11.9	16.5	17.8	18.5	17.9	15.6	13.3	11.3	9.8	8.5	7.8	7.0	6.1	5.4	5.2	5.3	5.2	5.6	6.3	5.8	6.0	6.9	12.4	16.0	16.2	15.7	16.2	15.7	14.8
Georgetown	do	21	7.5	7.4	9.0	14.0	16.2	16.8	17.1	17.3	17.3	16.8	16.0	14.9	13.7	12.6	11.6	10.6	9.6	8.9	8.5	8.0	8.1	8.5	8.5	8.8	11.0	15.6	17.2	17.6	17.5	17.7	17.9
Des Arc	do	24	10.4	10.2	10.0	13.8	16.4	17.6	18.1	18.4	18.5	18.6	18.4	18.0	17.2	16.3	15.4	14.4	13.4	12.5	11.8	11.4	11.1	11.1	11.1	11.7	13.0	15.9	17.9	18.8	19.2	19.5	19.7
Clarendon	do	26	15.9	15.9	15.7	16.2	18.0	19.3	20.2	20.8	21.2	21.6	21.9	22.1	22.1	22.0	21.7	21.3	20.7	19.9	18.9	18.1	17.3	16.8	16.5	16.5	17.0	18.1	19.6	20.7	21.4	22.0	22.5
St. Charles	do	25	16.0	15.7	15.7	15.7	16.6	17.8	18.7	19.3	19.8	20.0	20.3	20.6	20.8	20.9	20.9	20.8	20.6	20.2	19.5	18.6	17.8	17.0	16.4	16.2	16 4	16.9	18.0	19.0	19.7	20.3	20.7
Glenwood	Caddo	..	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.9	5.7	6.6	5.8	5.7	5.7	5.6	5.5
Arkadelphia	Ouachita	17	7.9	7.9	7.8	7.7	7.4	5.0	7.5	7.5	7.7	7.6	7.5	7.3	4.8	6.5	7.3	7.0	7.2	7.0	6.0	4.9	5.8	6.9	6.7	9.5	8.9	8.3	8.8	9.0	8.5	8.1	8.2
Boughton	Little Mo.	20	6.7	6.6	6.7	7.0	6.5	6.2	6.0	5.8	5.6	5.5	5.4	5.3	5.2	5.2	5.4	5.7	7.5	7.4	6.6	6.1	5.9	5.7	5.6	8.0	10.3	11.7	12.7	12.9	11.3	9.2	8.8
Camden	Ouachita	26	16.8	17.1	17.7	17.6	16.9	16.1	14.8	12.7	11.8	11.3	10.4	9.8	9.3	8.8	7.6	8.7	9.8	10.4	10.8	10.4	9.4	8.0	8.0	8.6	8.6	15.5	17.1	18 7	19.6	19.4	18.5
Benton	Saline	20	5.9	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.2	5.1	5.0	5.0	5.0	5.0	5.1	5.3	5.9	6.0	6.1	5.9	5.8	6.0	8.1	8.5	9.1	9.2	8.2	7.5	7.1	6.8
Whitecliffs	Little River	25	10.1	8.0	7.0	13.3	14.0	13.0	11.7	8.9	6.7	5.7	5.7	5.0	4.0	4.0	4.0	4.0	6.0	6.6	7.1	5.8	5.0	4.6	4.0	4.0	10.0	11.8	13.7	14.9	14.0	13.0	11.5
Index	Red	25	12.9	12.4	12.0	14.6	14.6	13.4	12.4	12.0	11.9	11.2	10.8	10.5	10.5	10.2	10.0	9.8	9.7	9.7	9.5	9.2	9.1	9.0	8.5	8.4	8.6	9.0	9.3	9.3	9.9	8.6	8.6
Fulton	do	25	13.2	12.4	12.2	14.2	15.1	14.5	13.2	12.2	11.6	11.1	10.4	9.7	9.5	9.2	8.9	8.8	9.2	9 3	9.0	8.8	8.4	8.2	7.9	7.8	9.0	9.7	10.4	11.3	12.6	11.3	10.5
Big Lake Outlet	St. Francis	10	6.2	6.3	6.2	6.1	6.2	6.4	6.5	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.2	5.2	5.3	5.7	5.8	6.2	6.8	7.4	7.7	7.8	7.9
St. Francis	do	18	7.9	8.9	11.3	12.4	13.2	13.9	14.3	14.6	14.7	14.7	14.6	14.5	14.5	13.6	12.7	10.6	9.6	8.9	8.5	8.2	7.6	7.2	6.9	9.3	11.8	13.5	13.5	13.3	13.1	13.1	13.2
St. Francis L.L.	do	..	19.3	19.5	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.6	19.5	20.4	20.0	20.0	19.8	19.8	19.9	20.0	20.0	20.0	20.6	20.2	20.1	20.2	20.1	20.0	19.9	20.0	20.2	20.3	20.5
Marked Tree	do	17	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.8	2.6	6.0	6.0	6.9	6.9	6.9	6.9	6.9	6.9	3.8	6.5	7.0	7.1	7.2	7.4	7.4	7.4	7.4	7.4	6.9
Parkin	do	28	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	6.0	6.0	5.9	5.7	4.2	4.6	5.4	6.0	6.2	6.2	6.2	6.3	6.3	5.1	5.6	6.7	7.2	7.9	8.0	7.8	7.5	7.3	7.1
Madison	do	32	3.4	3.5	3.7	3.5	3.5	3.5	3.6	3.6	3.7	3.8	3.9	4.0	3.7	2.8	3.0	3.4	4.2	4.4	4.5	4.5	4.5	4.5	4.5	5.4	5.7	6.5	6.7	6.5	6.3	6.0	5.8
Helena	Mississippi	42	12.2	11.4	10.3	10.1	10.6	11.3	12.2	13.7	15.7	17.6	18.6	18.9	18.5	17.9	17.0	16.0	14.9	13.8	12.2	10.1	8.4	7.9	8.4	9.4	10.5	11.9	12.6	13.1	13.8	14.6	15.2
Arkansas City	do	42	9.5	9.4	9.0	8.3	9.1	10.8	11.6	11.9	12.4	13.2	14.0	14.7	14.9	14.7	14.2	13.7	13.0	12.3	11.5	10.5	9.3	8.2	7.7	7.5	7.9	8.8	10.6	11.9	12.5	12.9	13.2

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year perio for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation re corded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amoun recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation les than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clove Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Ther mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVI LITTLE ROCK, ARK., FEBRUARY, 1941 No. 2

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GENERAL SUMMARY

February, 1941, was the coldest month of the current winter and the coldest February since 1936. The average monthly mean temperature for the State, based on the records of 76 stations, was 40.8°, which is 2.7° below the average of the past 51 years. Temperature departures varied from +0.1° at Russellville to − 6.3° at Marianna. Russellville was the only station having a positive temperature departure. Considering individual stations, the highest monthly mean temperature was 46.2° at El Dorado and Texarkana; the lowest was 36.0° at Devils Knob. The highest temperature recorded during the month was 72° at Portland on the 13th. The lowest temperature was 7° at Devils Knob on the 8th. These extremes are not unusual, considering the records of previous years. The highest temperature of the month occurred on the 11th, while the lowest was recorded on the 8th at most stations. Freezing temperatures were recorded at all stations in the State on one or more days of the month. Sunshine amounted to 48% of the possible amount, which is slightly below normal.

The month was somewhat drier than the average of previous Februarys. The monthly precipitation, based on the records of 106 stations, was 2.92 inches, which is 0.49 inch less than the average of the past 51 years. The greatest monthly amount reported from an individual station was 6.35 inches at Lutherville, and the least was 0.51 inch at Blytheville. Lutherville also reported the greatest amount of precipitation in 24 hours, 2.09 inches on the 19th. There were 8 days with a measurable amount of precipitation. Cloudiness was above average, clear days predominating during the first half of the month, while cloudy weather prevailed during the remainder of February. Precipitation was fairly general over the State on the 1st, 13th and 18th to 27th. Stations in the western sections, particularly those at higher elevations, reported the heaviest monthly totals. Precipitation was light in the northeastern sections where several stations recorded less than an inch of precipitation during the entire month. Snowfall averaged 3.4 inches, almost double the usual February amount. There was no snow in the extreme southern portion but in the central and northern counties amounts ranged from a trace to 23 inches at Lutherville. At many stations the snow melted as it fell; at a few it remained on the ground two or three days. Sleet and glaze occurred at many places from the 18th to the 24th. Glaze caused some breakage of electric wires and tree limbs in the central sections.

The rivers in the Little Rock district were below flood stage during the entire month.

February weather was unfavorable for outside farm work. During the first 17 days of the month, there were only 4 rainy days and warm and cool weather alternated at frequent intervals with trend about normal. The dry weather permitted some plowing, pruning, gardening and other activities. Some oats and lespedeza were seeded, and potatoes planted in the southern sections. After the 17th persistently cold, cloudy and wet weather halted most farm work. However, the snowfall was beneficial to winter grains and grasses, and the cold safeguarded the fruit trees from too rapid advancement. Pastures were too wet for grazing and spinach sustained some damage from freezing. As the month ended, farm work and vegetation were two or three weeks behind the normal, and warm, sunny weather was needed.

B. N. W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	30.17	30.53	28	29.18	12	7.3	31	s.	12	..	..	..	46
Fort Smith..	30.09	30.42	20	29.32	12	7 4	29	nw.	13	78	64	60	44
Little Rock..	30.12	30.47	28	29.47	13	8 4	29	nw.	13	85	63	68	57
Memphis	30.11	30.46	28	29.50	13	8.6	24	s.	13	80	58	66	44

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Dense fog	7	7	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	1	2	..	..	1	..	2	1	..	..	..
Light hail	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Moderate hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm	..	..	..	..	..	..	..	..	..	..	..	5	13	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	80	6	2 92	....	8	10	9	9
1892	49.0	78	18	3 47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0 7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2 7	6	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2 7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7 1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2 77	0.5	5	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	6	9
1910	39.0	75	−13	3.66	5 9	7	11	6	11
1911	49.8	87	7	4 31	0 3	9	9	8	11
1912	37.9	78	− 7	2 80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1 93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3 31	2 5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47 8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1 9	8	11	4	13
1924	42 9	82	− 7	2.26	0.4	7	12	4	13
1925	49 3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35 4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3 92	0 0	6	12	6	10
1931	48.2	75	14	4 77	T.	8	13	4	11
1932	52.0	86	9	4 72	T.	9	13	5	11
1933	41 5	82	−13	3 53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44 2	84	12	2.11	0.2	6	11	7	10
1938	[illegible]	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	8.56	3.2	12	10	5	13
1940	41.9	88	10	3.31	3.2	10	7	5	17
1941	40.8	72	7	2.92	3 4	8	11	5	12
Period	43.5	93	−29	3.41	1.8	7	11	6	11

Climatological Data for February, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.. ....†	Saline	755	4	40.8	......	68	11	17	8	39	3.69	......	0.94	0.4	10	9	5	14	w.	L. R. Water Works
Arkadelphia	Clark	200	45	43.4	......	69	11	21	9	41	5.15	+1.54	1.52	0.0	11	14	5	9	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	2.93	−1.39	1.40	0.0	5	7	7	14	......	George W. Reitzammer
Batesville Airway	Independence	363	4	39.3	−1.5	68	11	16	8	39	1.33	......	0.38	7.5	8	4	10	14	n.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	1.80	−1.64	0.44	4.0	10	14	1	13	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	39.6	−3.2	64	11	15	8	43	2.50	−0.54	0.80	9.5	7	12	1	15	w.	J. E. Scanlan
Benton	Saline	285	5	40.0	......	68	11	17	9	47	3.66	......	0.98	1.9	11	15	6	7	ne.	S. A. Burks
Bentonville	Benton	1295	35	37.2	−2.4	64	11	13	8	36	1.61	−0.53	0.51	5.5	10	9	4	15	n.	U. S. Weather Bureau
Bethesda	Independence	500	1	39.2	......	65	11	16	8	42	1.35	......	0.46	3.1	6	11	8	9	nw.	Soil Conservation Ser.
Big Lake Outlet ..†	Mississippi	239	10	......	......	......	......	......	......	......	0.57	......	0.23	T.	5	12	3	13	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	1.38	−1.87	0.42	2.4	8	16	1	11	n.	Vernon C. Howe
Blytheville	Mississippi	252	15	39.2	−6.0	65	11	16	8	36	0.51	−2.27	0.33	0.8	4	15	4	9	n.	Samuel Norris
Booneville (near)	Logan	465	26	40.8	−5.4	70	11	16	8	46	3.57	+0.97	1.05	2.5	9	11	5	12	e.	F. H. Randolph
Boughton ....†	Clark	235	5	......	......	......	......	......	......	......	4.41	......	1.23	0.0	10	14	1	13	......	Ruby A. Buie
Brinkley	Monroe	205	49	41.4	−2.8	66	11	19	8	40	2.89	−1.31	1.05	5.0	9	11	5	12	ne.	R. J. Terry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	1.32	−1.44	0.52	2.2	7	9	4	15	......	William Jones
Camden	Ouachita	116	55	44.9	−2.3	68	11§	24	4	40	4.25	+0.40	1.56	0.0	9	13	0	15	nw.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	2.40	−1.52	0.78	1.5	13	12	3	13	n.	R. M. Wheatley
Clinton	Van Buren	516	19	......	......	......	......	......	......	......	2.26	−0.71	1.00	14.0	5	14	6	8	n.	Doyle G. Love
Clover Bend	Lawrence	235	..	40.5	......	65	11	14	8	40	1.73	......	0.92	9.2	4	10	11	7	nw.	G. E. Tanner
Conway	Faulkner	309	57	41.4	−3.0	66	11	17	8	40	3.65	+0.19	0.91	10.0	9	12	7	9	e.	E. E. Cordrey
Corning	Clay	293	47	39.2	−0.8	65	11	15	8	41	0.77	−2.58	0.48	1.0	3	13	6	9	nw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	1.71	−0.94	0.62	1.0	8	10	6	12	......	O. B. McSpadden
Crossett(near)	Ashley	175	28	43.8	−5.6	71	13	17	9	49	3.37	−0.37	1.25	0.0	7	9	5	14	n.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	3.24	+0.46	0.80	3.7	12	7	9	12	......	J. M. Patterson
Dardanelle	Yell	330	54	41.8	−3.0	65	11§	19	8	38	3.68	+0.80	0.76	10.2	9	5	10	13	n.	Geo. N. Goodier
DeQueen	Sevier	426	5	44.4	......	69	11§	20	9	42	3.14	......	1.29	T.	9	6	10	12	e.	W. A. Douthit
Des Arc	Prairie	204	2	42.4	......	67	11	18	8	38	1.90	......	0.45	4.5	8	7	7	14	......	Z. R. Glenn
Devils Knob..... †	Johnson	2350	4	36.0	......	60	11	7	8	31	5.52	......	2.00	16.0	9	11	1	16	ne.	U. S. Forest Service
Dumas	Desha	162	35	43.6	−5.4	70	11§	21	8	37	3.28	−1.33	1.36	0.2	9	8	10	10	n.	Ben Johnson
El Dorado	Union	270	40	46.2	−2.8	70	11	25	9	39	4.07	+0.47	1.54	0.0	7	12	5	11	n.	Mrs. E. W. Gaston
England	Lonoke	229	34	42.5	−3.3	69	11	20	8	40	2.45	−1.35	1.00	0.5	7	12	8	8	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	38.5	−2.7	66	11	10	8	34	2.24	−0.22	0.47	6.0	9	8	8	12	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	38.1	......	63	11	13	8	36	2.82	......	0.69	8.4	11	5	9	14	ne.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	37.8	−2.6	63	11	13	8	36	2.57	+0.37	0.65	6.7	9	9	8	11	nw.	University of Arkansas
Fort Smith	Sebastian	448	59	41.0	−1.8	67	12	20	8	35	3.65	+1.09	1.35	6.5	12	8	5	15	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	3	......	......	......	......	......	......	......	2.94	......	0.53	6.0	9	11	2	15	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	3.72	+0.29	1.25	0.0	9	12	1	15	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	2.80	−0.88	0.90	11.5	9	14	0	14	......	C. G. Long
Gilbert	Searcy	600	15	37.6	......	70	11	12	8	55	2.06	−0.17	0.65	3.5	9	13	0	15	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	4.21	......	1.32	0.0	8	13	5	10	......	C. A. Price
Grannis	Polk	950	21	42.6	−3.0	68	11	19	8	39	3.78	−0.48	1.10	0.0	9	10	6	12	n.	W. E. McVay
Gravette	Benton	1250	43	38.6	−0.5	65	16	11	8§	39	2.31	+0.42	0.90	3.5	6	14	6	8	nw.	Julius A. Schmidt
Green Mountain	Stone	1100	3	38.0	......	64	11	11	8	31	1.40	......	0.43	6.0	7	11	2	15	n.	U. S. Forest Service
Harrison	Boone	1052	40	37.5	−1.5	61	11	13	8	39	2.07	−0.43	0.74	5.0	8	13	2	13	ne.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	2.40	......	0.85	7.3	10	10	4	14	......	Lester B. Logan
Helena	Phillips	300	68	40.8	−4.3	65	12§	17	8	30	2.21	−1.68	0.77	1.9	10	7	6	15	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	2.55	−0.13	0.86	6.5	8	11	5	12	n.	Austin E. Cartwright
Highland	Pike	491	21	44.6	−3.0	67	11§	24	8	34	5.16	+1.79	2.03	0.0	10	9	9	10	ne.	J. O. Cooley
Hope (near).....‡‡	Hempstead	375	70	42.6	−5.8	69	12	25	7§	43	4.45	+0.63	1.47	0.0	9	9	3	11	ne.	Experiment Farm
Hot Springs	Garland	600	49	41.7	−5.3	65	11	20	8	34	3.70	+0.39	0.85	T.	10	12	5	11	s.	National Park Service
Index ....†	Little River	275	23	......	......	......	......	......	......	......	3.55	+0.74	0.90	0.0	8	12	3	12	......	W. E. McDowell
Irons Fork .....†‡‡	Polk	1385	2	38.6	......	68	11	15	8	44	4.52	......	1.11	0.3	11	12	2	14	n.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	4.08	+1.12	0.85	0.0	10	9	6	13	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	39.8	−2.6	66	11	15	8	40	0.66	−2.98	0.16	1.8	8	9	6	13	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	37.2	−1.2	65	5	12	8	44	1.52	−0.72	0.67	3.5	6	10	6	12	se	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	41.0	−3.9	65	11	20	8	30	2.65	−1.19	0.79	3.3	13	8	3	17	ne.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	40.8	......	67	11	20	8	39	2.90	......	0.57	2.3	12	8	3	17	ne.	W. B. Airport Station
Lutherville.......†	Johnson	775	42	39.6	−2.8	65	11	13	8	33	6.35	+3.27	2.09	23.1	10	5	8	15	sw.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	2.03	−2.46	0.82	6.0	7	7	3	18	......	J. W. Eppes
Magnolia	Columbia	315	24	46.1	−5.3	70	11	24	9	37	4.08	+0.29	1.28	0.0	8	4	15	9	w.	State Agri. School
Mammoth Spring	Fulton	600	36	37.8	−2.5	67	11	13	8	46	0.90	−2.04	0.38	0.4	7	10	6	12	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	39.5	−6.3	66	13	19	8	33	1.84	−2.10	0.55	3.0	7	8	11	9	n.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	38.4	−5.2	66	11	15	8§	40	1.03	−2.79	0.25	5.0	7	12	6	10	n.	Charles Walton
Mena	Polk	1207	52	41.6	−2.6	69	11	18	8	38	4.64	+1.32	1.27	0.0	12	12	3	13	ne.	E. W. St. John
Monticello Airway	Drew	273	4	43.6	......	71	13	23	9	31	3.40	......	1.00	0.0	11	7	7	14	n.	Airway Observer
Morrilton	Conway	315	21	39.8	−5.6	68	11	18	8	42	3.43	+0.69	0.76	7.1	11	11	4	13	nw.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	3.23	......	0.76	6.0	9	13	0	15	n	C. A. Lovell
Mountain Home	Baxter	800	28	38.8	−3.5	67	11	13	8	42	1.28	−1.47	0.65	6.5	5	15	1	12	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	3.41	......	0.57	2.7	12	11	5	12	n.	J. G. Scott
Mount Ida	Montgomery	702	41	41.7	−3.9	71	11	13	9	50	4.18	+0.64	0.89	T.	9	12	3	13	ne.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	3.00	....	0.59	T.	8	16	0	12	......	U. S. Forest Service
Mulberry(near)..†	Franklin	433	2	......	......	......	......	......	......	......	3.29	......	0.62	7.2	10	9	6	13	......	Clifton Ward
Nashville	Howard	350	2	44.0	......	68	11§	22	9	38	4.32	......	1.28	T.	13	12	5	11	n.	H. B. Carruth
Newport	Jackson	231	57	40.7	−1.3	66	11	17	8	41	1.41	−1.83	0.39	4.7	10	11	4	13	s.	J. D. Henderson
Oden	Montgomery	800	13	39.8	......	67	11	16	8	43	5.27	+1.62	1.14	T.	9	10	3	15	s.	U. S. Forest Service
Okay	Howard	288	12	45.6	−3.7	70	11	24	9	43	4.39	+0.44	1.55	0.0	8	12	6	10	ne.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	0.74	......	0.23	0.5	9	11	11	6	......	G. H. Banks
Ozark	Franklin	396	45	40.0	−3.4	64	11	16	8	38	4.10	+1.40	1.04	1.5	11	6	6	16	se.	Orkney O. Milton
Paragould	Greene	275	17	38.4	......	60	11	16	8	35	0.85	−2.88	0.49	1.2	3	13	6	9	nw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	1.84	−2.22	0.74	6.5	7	10	6	12	......	Carroll King
Pine Bluff	Jefferson	215	53	43.6	−2.9	69	11	22	8	36	3.10	−0.81	1.21	T.	11	8	10	10	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	5.25	+1.71	1.73	T.	6	8	5	15	w.	J. R. Huddleston
Pocahontas	Randolph	300	47	39.2	−2.4	63	11	14	8	39	0.79	−2.55	0.42	2.0	4	13	5	10	n.	Benedictine Sisters
Portland	Ashley	122	34	43.6	−5.9	72	13	22	9	40	4.09	−0.08	1.55	0.0	7	11	3	14	n.	W. E. Edmiston
Prescott	Nevada	318	52	45.1	−2.3	69	11§	24	9	38	4.56	+0.86	1.42	6.5	10	12	6	10	ne.	W. R. Hambright
Rogers(near).....†	Benton	1300	50	37.4	−2.1	65	11	12	8	42	1.90	+0.0[illegible]	0.40	6.5	10	8	8	12	ne.	Howard Fowler
Rosebud.........†	Faulkner	680	6	......	......	......	......	......	......	......	1.94	.....	0.90	14.6	4	......	......	......	......	G. A. Maddox
Russellville	Pope	526	28	41.2[a]	+0.1	67[a]	11	17	8	42[a]	4.29	+1.01	0.88	13.0	12	14	0	11	nw.	U. S. Forest Service
St. Charles	Arkansas	175	7	41.8	......	66	13	20	8	34	2.43	......	0.72	T.	9	9	5	14	ne.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	1.41	−2.02	0.41	1.0	7	9	0	19	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	40.6	−4.5	67	11	16	8	42	2.39	−0.94	0.86	10.3	9	10	5	13	ne	Walter A. Smith
Springbank ......†	Miller	240	31	......	......	......	......	......	......	......	4.24	+0.84	1.60	0.0	10	......	......	......	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	1.45	−2.01	0.49	2.7	6	11	8	9	n.	S. C. Story
Stuttgart	Arkansas	214	53	41.2	−4.0	67	11	19	8	38	2.97	−1.01	0.90	0.4	9	11	6	11	n.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	5	40.6	....	65	13	20	8	32	2.46	......	0.81	0.0	8	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	43	41.8	−3.0	67	11	17	8	38	3.55	+1.[illegible]	1.05	4.6	10	14	3	11	w.	New Subiaco Abbey
Texarkana	Miller	332	56	46.2	−2.2	71	11	26	9	39	4.33	+0.95	1.50	5.0	6	12	2	14	n.	H. S. Brashear
Thornburg (near)	Perry	650	20	39.2	−5.2	68	11	14	8	48	3.69	+0.27	0.59	7.8	11	9	6	13	s.	Edward E. Holmes

Climatological Data for February, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Turnpike .... †	Pope	2240	16	36.6	......	62	11	8	8	31	3.45	+0.43	0.81	10.6	8	10	4	14	ne.	U. S. Forest Service
Wabash	Phillips	179	1	40.6	......	67	13	20	8	30	1.58	......	0.80	4.0	5	10	6	12	n.	Ben Rives
Waldron	Scott	675	21	41.8^a	......	69^a	11	18^a	8§	45^a	3.19	−0.36	1.10	0 0	10	9^b	6^b	11^b	nw.	Wilson Ferguson
Warren	Bradley	206	46	42.6^e	− 4.6	68	11§	24^f	8	33^f	4 00	−0.25	1.60	T.	7	9	2	17	nw.	C. N. Turner
Whitecliffs	Little River	290	34	....	.. ..	......	......	......	......	......	4.74	+1.59	1 84	0.0	7	15	0	13	......	L. M. Snead
White Rock ...... †	Franklin	2285	4	37.0	......	61	5	9	8	28	3.66	......	0.92	9.4	8	12	1	15	ne.	U. S. Forest Service
Wilson	Mississippi	237	15	39.1	− 6.1	65	11	14	8	40	1.41	−1.74	0.48	1.0	7	18	0	10	n.	D. O. Anderson
Wright	Jefferson	234	1	42.6	......	66	12	20	8	36	3.46	. ...	0.84	2.0	7	12	12	4	n.	J. S. Martin
Wynne	Cross	167	32	41.2	− 3 1	67	11	11	8	38	1.97	−1.71	0.75	8.0	5	11	10	7	n.	B. M. Eddins
State Means		.. .	..	40.8	− 2.7	72	13	7	8	55	2.92	−0.49	2.09	3 4	8	11	5	12	n.	

Daily Precipitation for February, 1941

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Total
Alum Fork Reser. †	Ouachita	.48	.61	T.										.52						.20	.94		.07		.31	.02	.47	.07		3.69
Arkadelphia [2]	Ouachita	.20	.70	1.48										.03							1.52	.02	.12	.02	.52		.49	.05		5.15
Arkansas City [2]	Mississippi		.45	.67										T							1.40		T.		.15	T.	.26			2.93
Batesville Airway †	White	.17	.13										.38	.08						.16	T.		T		.14		.25	.02		1.33
Batesville River [2]	White		.28	.18										.44	.01					.10	.37				.10	.03	.25	.04		1.80
Bee Branch	Arkansas	.30	.20											.80					.05	.50	.45						.20			2.50
Benton [2]	Saline	.16	.51	.57										.62						04	.98	T.	.18	T.	.11	.06	.36	.07		3.66
Bentonville [1]‡	Arkansas	.51	.25					T.					T.	.02					.22	.11	.01	T.	T.	.04	.27	.02	.16			1.61
Bethesda ***	White	.24											.46	.04							.23				.19		.19			1.35
Big Lake Outlet †[2]	St. Francis		14	T.					T.					.23							T.		T.	T.	T	.03	.13	.04		0.57
Black Rock [2]	White		.19	.12										.42	.34						T.		T.	T.	.09	.66	.10	.06		1.38
Blytheville [2]	St Francis		.14	.02					T.					.33							T.					T.	.02		T	0.51
Booneville	Arkansas	.26	.66											.64					.10	1.05	.05		.30		.35		.16			3.57
Boughton †[2]	Ouachita	.15	1.09	.64										.05							1.23		.17		.47	.04	.47	.10		4.41
Brinkley	White	.10	.18	.05										1.05					.32		.67				.30		.21		.01	2.89
Calico Rock [2]	White		.38	T.										.52				T.		.03	.09				.18	.03	.09			1.32
Camden [2]	Ouachita	.08	1.24	.42																	1.56		.07		.43	.06	.32	.07		4.25
Clarendon [2]	White		.27	.42				.01						.07	.01					.14	.78	.03		.01	.10	.30	.21	.05		2.40
Clinton	White	.35	T											.51					T.	1.00	.20				.20		T.			2 26
Clover Bend	White													.92						.60					.10		.11			1.73
Conway	Arkansas	36	.44	.07										.91					.13	.88	.19				.34		.33			3.65
Corning [2]	White		.17					T						.48												T	.12	T		0.77
Cotter [2]	White	.05	.40	.03										.62						.05	T				.28	T.	.18	.10		1.71
Crossett ..[near]	Ouachita	.61	1.25	.08			.08														.83				.38		.14			3.37
Danville [2]	Arkansas	.30	.51	.28										.80						.18	.42		.06	.02	.28	.11	.22	.06		3.24
Dardanelle [2]	Arkansas	.44	.63	.30										.41						.39	.76		.04		.32	.39				3.68
De Queen	Red	.30	1 29																	.19	.22		.19	.14	.39		.40	.02		3.14
Des Arc [2]	White		.32	.15				T						.31	.08					.10	.45	T.	T.	T.		.18	.31	T.		1.90
Devils Knob †	Arkansas	.47	.98											1.15					.28	2.00	.04		.01		.45		.14	T.		5.52
Dumas	Mississippi	.10	.67	.24										T					T.	.32	1.36		.15		.21		.21	.02		3.28
El Dorado [2]	Ouachita	.25	.85	.28																	1.54	T	.06		.75	T.	.34			4.07
England	Arkansas	.20	.45											.15						.20	1.00	.05	T.		.40					2.45
Eureka Springs	White	.47	.33											.36					.15	.20	.05				.37		.28	.03		2.24
Fayetteville	White	.38	.69					T.					T.	.51					.24	.31	.07	T.	.06	.02	.32	T.	.19	.03		2.82
Fayetteville Exp. 8	White	.36	.65	T.									T.	.44					.20	.24	.08	T.			.38	T.	.19	.03		2 57
Fort Smith [1]‡	Arkansas	.37	.34										.32	T.					.31	1.21	.16	.02	.02	.22	.53	.10	.05			3.65
Fort Smith W. †[2]	Arkansas	.41	.25											51					.50	.56		.04		.33	.19	.15				2.94
Fulton [2]	Red	.05	1.25	.21										T.							.94		.11		.62	.05	.32	.17		3.72
Georgetown	White		.25	.20										.90	.25					.05	.60				.10	.15	.30			2.80
Gilbert [2]	White	.12	.30	.27										.65						.05	.33				.22	T.	.03	09		2.06
Glenwood [2]	Ouachita	.32	.71	.53										.23							1.32		.21		.51		38			4.21
Grannis	Red	.48	1.10																T.	.26	.39	T.	.25	.11	.72		.42	.05		3.78
Gravette [2]	Arkansas	.66	.31																	.20	.12				.90		.12			2.31
Green Mountain †	White	.17	.16											.43						.18			T		.26		.18	.02		1.40
Harrison	White	.35	.28											.74					.15	.10	.08				.15		.22			2.07
Heber Springs [2]	White		.30	.01										.80	.04					.03	85		.02	T.	.13		.21	.01		2.40
Helena [2]	Mississippi		.26	54										.20	.04					.06	.77	.05		T.	.03	.16	.10			2.21
Higden	White	.34	.12											.86					.02	.51	.33	T.	T.		.16		.21			2.55
Highland	Ouachita	.41	2.03	.09																.15	1.17		.21	.11	.51		.41	.07		5.16
Hope ‡‡[2]	Red	.12	1.47	.23										T.						T	1.24		.14		.59	.06	.50	.10		4.45
Hot Springs	Ouachita	.52	.85	.04										.35						.35	.46		.21	T	.42		.48	.02		3.70
Index ‡[2]	Red	.05	.70	.60																	.90	T.	.10		.65	T	.45	.10		3.55
Irons Fork †‡‡[2]	Ouachita	.36	1.11	.32										.47						.29	.88		.21	T.	.56	.03	.26	.03		4.52
Jessieville	Ouachita	.65	.35	.15										.85					.19	.51	.26		.13		.48		.51			4.08
Jonesboro [2]	White		.12											.16	.03					T.	.05			T.	.08	.03	.12	.07		0.66
Lead Hill	White	.25	.16											.67					T.	.04			T.		.22		.18			1.52
Little Rock [1]†	Arkansas	.28	.30				T.						.34	.02					.10	.45	.36		.07	.03	.26	.04	.39	.01		2.65
LittleRock Air'y [1]‡	Arkansas	.33	.36				T.						.33	.01					.10	.57	.35		.09	.05	.25	.20	.26	T.		2.90
Lutherville †	Arkansas	.41	.84	.28										.93					.23	2.09	.94	.11	T.		.36		.16			6.35
Madison [2]	St. Francis		.20	T.				T.						.51	.10						.82			T.	T.	.15	15	T.		2.03
Magnolia	Red	.40	1.28	.15																.12	1.26		.09	.05	.73					4.08
Mammoth Spg [2]	White		.23	.02				T						.38									T.		.08	.03	.12	.04		0.90
Marianna	St. Francis		.12	.25											.25						.30		55			.25	.12			1.84
Marked Tree [2]	St. Francis		.15	.04										.25	.06					T	.12			T.	T.	.18	.23	T		1.03
Mena [2]	Ouachita	.34	1.27	.32										.20						.23	.94	.02	.28		.52	.11	28	.03		4.64
Monticello Air ‡	Ouachita	.39	.81	.02										T					T.	.66	1.09		.06	.06	.18	.03	.18	.01		3.40
Morrilton [2]	Arkansas	.17	.48	.50										.61						.35	.76		.03	T.	.24	.01	.25	.03		3.43
Mountainburg	Arkansas	.24	.58											.56					.30	.76	.15	T.	.02		.46		.16	T.		3.23
Mountain Home	White	.25												.65						.03					15		.20	T.		1.28
Mountain Valley	Ouachita	.57	.42	.07										.36					.11	.42	.43	.08	.06	.02	.44		.43			3.41
Mount Ida	Ouachita	.62	.89	.09										.23						.59	.43		.40		.59		.34			4.18
Mount Ida CCC	Ouachita	.46	.57											.15						.59	.40		.12		.51		.20			3.00
Mulberry †[2]	Arkansas	.20	49	.20										.60						.62	.54		.01		.35	.10	.18			3.29
Nashville	Red	.56	1.28	.16	.01														T.	.59	.38	.01	.23	.14	.41	.20	.26	.09		4.32
Newport [2]	White		.15	.08										.38	.03					.07	.39			T.	.03	.02	22	.04		1.41
Oden	Ouachita	.58	1.14	.04									.96							.85	.39		.35		.57		.39			5.27
Okay	Red	.28	1.55	.12																T.	.98		.14		.63		.56	.13		4.39
Osceola [2]	Mississippi		.05	.15			T.	T						.23	.05				T.	T.			01	.01	.06	.14	.04	T.		0.74
Ozark [2]	Arkansas	.17	.60	.77										.45						.51	1.04	.03	T.	.05	.30	.06	.12	T.		4.10

Daily Precipitation for February, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Tota
Paragould	St. Francis	....	.16	....	....	....	....	....	T.	....	....	....	....	.49	....	....	....	....	....	T.	....	....	T.	....	T.	....	.20	T.	....	0.8
Parkin [2]	St. Francis	....	.14	.09	....	....	....	....	....	....	....	....	....	.30	.09	....	....	....	....	T.	.74	T.	....	....	T.	.23	.25	T	....	1.8
Pine Bluff [2]	Arkansas	.04	.61	.36	....	....	....	....	....	....	....	....	....	.06	....	....	....	....	....	T.	1.21	T.	.16	.03	.29	.01	.29	.04	....	3.1
Pine Ridge [2]	Ouachita	....	1.73	.08	....	....	....	....	....	....	....	....	....	1.06	....	....	....	....	....	....	1 06	....	....	....	.97	.35	....	....	....	5.2
Pocahontas	White	T.	.18	...	....	....	....	....	....	....	....	....	....	.42	....	....	....	....	....	....	....	....	....	....	.05	....	.14	....	....	0.79
Portland [2]	Ouachita	*	1.46	53	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	1.55	....	....	....	....	.30	.15	....	....	4.0
Prescott [2]	Ouachita	.24	1.42	.31	....	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	T.	1.33	....	.18	....	.51	.03	.46	.05	....	4.50
Rogers (near) †	White	.40	.40	....	....	....	....	....	....	....	....	....	....	.14	....	....	....	....	.15	.21	.03	T.	.03	....	.35	....	.18	.01	....	1.90
Rosebud †	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.48	....	....	....	....	....	.90	....	....	....	....	.31	....	....	.25	....	1.9
Russellville ‡‡	Arkansas	.55	.62	.04	....	....	....	....	....	....	....	....	....	.58	....	....	....	....	.14	.88	.66	.16	.06	....	.38	.01	.21	T.	....	4.29
St. Charles [2]	White	....	.49	.55	....	....	....	....	....	....	....	....	....	.15	T	....	....	....	....	.08	.72	T.	....	....	.13	.12	.18	.01	..	2.4
St. Francis [2]	St. Francis	....	.11	....	....	....	....	....	.06	....	....	....	....	.35	.41	....	....	....	....	....	....	....	T.	....	....	.08	.16	.24	....	1.4
Searcy [2]	White	....	.21	.03	....	....	....	....	....	....	....	....	....	.86	.12	....	....	....	....	.04	.70	....	T.	....	.10	.03	.30	T.	....	2.39
Spring Bank †[2]	Red	.12	1.60	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.95	....	.14	.04	.91	.02	.35	.03	....	4.24
Story [2]	Ouachita	....	.49	....	....	....	....	....	....	....	....	....	....	.48	....	....	....	....	....	.14	....	.02	....	....	.11	.21	....	....	...	1.45
Stuttgart [2]	Arkansas	....	.40	.40	....	....	....	....	....	....	....	....	....	.63	.05	....	....	....	....	....	.90	.02	....	....	.13	.21	.23	....	....	2.97
Stuttgart ‡‡[2]	Arkansas	....	.36	57	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	.10	.81	....	T	T.	.24	.08	0.20	T	....	2.46
Subiaco	Arkansas	.04	1.05	.01	....	....	....	....	....	....	....	....	....	58	....	....	....	....	.21	.95	.49	....	.06	....	.31	....	.15	....	....	3.85
Texarkana [2]	Red	....	1.50	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.38	....	.20	....	.70	....	.30	....	....	4.33
Thornburg	Arkansas	.46	.44	.02	....	....	....	....	....	....	....	....	....	.59	....	....	....	....	.08	.56	.50	....	.14	....	.44	....	.42	.04	....	3.69
Turnpike †	Arkansas	.47	.81	....	....	....	....	....	....	....	....	....	T.	.78	....	....	....	....	.21	.53	.14	....	T	....	.35	....	.16	....	...	3.45
Wabash	Mississippi	....	.80	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.40	....	....	....	.03	....	.15	....	....	1.58
Waldron	Arkansas	40	.15	.17	....	....	....	....	....	....	....	....	....	1.10	....	....	....	....	.45	....	.37	....	....	.10	.25	.05	.15	....	....	3.19
Warren	Ouachita	.25	1.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	1.60	....	T.	....	.35	.30	.35	....	....	4.00
Whitecliffs [2]	Red	.10	1 84	.22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.92	.10	T.	.90	....	.66	....	....	4.7
White Rock †	Arkansas	.25	.89	....	....	....	....	....	....	....	....	....	....	.92	....	....	....	....	.29	.68	.14	T.	....	....	.35	....	14	....	....	3.66
Wilson [2]	Mississippi	....	....	.43	....	....	....	....	....	....	....	....	....	.48	.04	....	....	....	....	T.	T.	....	....	....	.18	.04	23	.01	....	1.41
Wright	Arkansas	.52	.33	....	....	....	....	....	....	....	....	....	....	.37	....	....	....	....	....	....	.84	....	.50	....	42	....	.48	....	....	3.46
Wynne [2]	St. Francis	.22	...	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	T.	.75	....	T.	T.	....	.15	.25	....	....	1.97

Daily Temperatures for February, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Mean
Alum Fork	Maximum	57	49	47	54	61	61	56	40	52	62	68	64	61	52	56	57	58	49	44	36	37	38	41	40	47	41	51	53	51.
	Minimum	42	42	30	25	29	41	23	17	20	23	29	43	42	28	28	31	32	41	29	24	27	29	25	30	31	31	35	22	30.
Arkadelphia §§	Maximum	57	51	47	55	61	63	48	46	60	64	69	68	64	58	60	62	65	58	46	33	43	40	44	41	52	50	56	49	53.9
	Minimum	48	46	35	25	29	31	27	25	21	29	28	34	45	30	31	35	35	41	42	32	29	32	30	33	34	34	35	28	33.0
Batesville ***	Maximum	46	47	49	56	59	60	42	41	51	59	68	62	58	51	55	53	60	51	41	35	42	46	46	40	49	39	41	44	49.7
	Minimum	42	34	28	24	26	26	23	16	24	20	25	42	36	31	29	31	36	34	27	26	32	29	23	31	33	32	28	21	28.9
Bee Branch	Maximum	52	50	49	51	56	57	50	42	51	56	64	62	58	54	56	56	60	58	42	33	41	43	40	40	46	45	49	49	50.4
	Minimum	42	42	30	22	27	37	22	15	21	19	21	34	40	27	28	30	30	40	26	24	28	30	24	30	29	32	34	22	28.8
Benton §§	Maximum	48	51	44	56	61	64	45	47	58	61	68	66	61	57	60	62	62	52	41	30	33	39	45	40	47	45	55	45	51.5
	Minimum	45	45	33	22	22	25	25	19	17	21	21	25	38	28	26	27	30	30	40	28	28	30	24	31	31	31	33	25	28.6
Bentonville ***	Maximum	52	48	44	52	58	45	36	34	47	56	64	59	57	50	51	63	55	44	37	29	33	38	42	37	36	38	46	46	46.3
	Minimum	48	32	27	25	32	23	20	13	25	27	28	47	28	20	28	38	29	37	28	25	25	26	24	30	32	30	25	18	28.2
Blytheville	Maximum	48	45	45	52	55	59	47	37	48	56	65	63	58	52	55	56	59	51	50	39	47	38	49	39	50	40	44	40	49.5
	Minimum	34	34	29	25	27	32	27	16	20	20	29	40	39	32	28	35	32	30	29	26	26	29	19	31	26	32	38	20	28.8
Booneville	Maximum	52	51	50	55	65	61	45	38	54	63	70	65	62	54	57	64	60	52	42	33	38	41	41	39	44	44	52	48	51.4
	Minimum	48	42	34	22	26	34	23	16	18	23	24	39	43	24	26	36	27	40	31	31	31	31	27	30	34	31	34	22	30.2
Brinkley	Maximum	56	49	46	51	58	60	56	39	50	59	66	65	64	51	50	62	60	51	48	36	45	40	45	44	49	44	47	43	51.2
	Minimum	45	40	34	24	27	43	24	19	23	25	26	40	45	31	35	30	31	40	29	25	31	34	26	33	31	32	36	24	31.5
Camden	Maximum	63	55	52	54	61	62	59	45	57	63	68	68	68	58	62	66	67	61	56	39	50	49	45	45	53	52	54	52	56.6
	Minimum	47	45	32	24	28	42	26	26	25	26	28	40	47	30	28	31	37	44	35	29	29	32	34	34	30	35	38	28	33.2
Clover Bend	Maximum	54	46	47	57	58	60	46	40	48	58	65	64	59	57	57	62	60	58	46	35	45	48	46	44	48	39	43	36	51.9
	Minimum	32	37	38	52	52	44	22	14	18	18	30	35	42	42	27	37	31	28	25	21	27	26	18	29	26	26	29	18	30.1
Conway	Maximum	54	50	51	55	61	62	57	41	55	59	66	64	62	53	54	60	60	53	42	37	42	42	43	41	47	47	54	48	52.1
	Minimum	44	44	33	24	28	37	24	17	21	24	26	41	44	27	28	32	29	38	28	27	31	31	27	32	32	32	36	24	30.8
Corning	Maximum	53	45	48	56	56	59	45	37	47	58	65	61	60	53	55	50	60	52	48	35	41	47	47	43	47	45	43	41	49.9
	Minimum	32	36	32	25	25	41	20	15	19	20	24	39	46	30	29	37	30	29	28	24	27	32	20	31	29	31	28	19	28.5
Crossett	Maximum	55	53	50	55	62	54	48	44	56	63	70	68	71	56	60	68	65	62	56	45	55	49	45	45	46	45	52	49	55.2
	Minimum	48	48	33	21	25	39	27	23	17	21	21	33	50	27	25	30	42	38	42	33	32	31	34	36	34	38	31	27	32.4
Dardanelle	Maximum	56	51	49	56	65	62	52	40	53	60	65	65	51	54	53	59	60	59	45	35	40	42	42	42	46	46	52	50	50.9
	Minimum	45	44	34	26	29	40	25	19	21	28	27	39	42	28	29	35	31	41	30	28	31	31	27	33	35	34	37	25	31.9
De Queen	Maximum	65	51	53	57	60	64	57	45	60	65	69	69	65	62	62	65	62	60	56	37	45	43	41	42	48	48	57	52	55.7
	Minimum	49	37	37	26	27	37	26	24	20	23	29	41	43	26	30	38	31	44	34	33	32	32	34	34	36	35	38	30	33.1
Devils Knob	Maximum	48	45	42	50	53	48	34	32	47	52	60	53	52	49	52	51	53	47	35	25	32	34	36	34	32	40	42	40	43.5
	Minimum	44	37	37	28	36	34	15	7	24	28	41	41	31	18	32	35	29	33	24	21	21	25	22	31	28	31	27	15	28.4
Dumas	Maximum	60	51	48	57	63	58	48	42	55	64	70	67	70	53	61	69	61	56	47	35	47	40	46	45	47	47	50	43	53.6
	Minimum	46	45	33	25	30	44	25	21	23	27	34	39	45	29	38	34	34	44	34	30	32	32	29	35	33	37	36	26	33.6
El Dorado	Maximum	60	53	58	55	60	57	54	58	55	65	70	69	65	66	64	68	67	63	52	37	52	46	44	52	54	49	53	48	56.9
	Minimum	49	47	33	28	32	35	28	28	25	30	31	44	54	30	32	37	42	46	37	34	32	35	35	35	34	37	35	30	35.5
England	Maximum	61	47	47	55	67	62	56	47	54	63	69	66	64	51	57	63	55	55	44	32	38	41	48	44	50	45	49	46	52.7
	Minimum	44	37	32	25	28	41	25	20	22	28	29	36	45	30	30	44	32	41	43	27	30	31	28	32	31	32	36	26	32.3
Eureka Springs	Maximum	54	49	46	55	60	53	38	38	51	61	66	61	56	51	53	61	60	48	40	29	34	43	42	41	37	39	47	44	48.5
	Minimum	47	35	27	25	32	27	18	10	28	27	33	48	32	20	28	36	28	37	26	25	25	26	27	28	30	30	29	15	28.5
Fayetteville	Maximum	53	50	41	50	62	55	34	34	45	55	63	59	58	46	51	60	60	54	40	30	34	37	43	42	36	38	46	45	47.2
	Minimum	47	36	27	25	32	31	20	13	25	24	27	47	34	21	28	40	28	38	28	25	25	28	26	29	31	30	29	18	29.0
Fayetteville Exp. S	Maximum	53	48	44	52	57	54	35	30	45	58	63	58	58	49	51	60	60	52	38	29	34	36	42	39	36	42	45	45	46.9
	Minimum	46	36	28	25	32	30	21	13	22	22	27	46	35	22	29	36	27	38	28	26	26	28	24	29	32	30	29	19	28.8
Fort Smith***	Maximum	51	52	44	51	61	52	37	38	53	60	67	67	62	48	56	65	57	48	40	32	38	43	42	39	43	43	50	45	49.4
	Minimum	46	38	34	29	33	28	26	20	27	30	32	44	35	26	34	38	33	41	32	31	32	35	32	32	36	33	34	25	32.9
Gilbert§§	Maximum	55	48	48	60	62	51	42	40	53	60	70	65	56	50	56	59	60	44	34	33	38	46	45	38	41	41	48	44	49.5
	Minimum	44	40	29	19	21	27	21	12	15	15	15	21	50	25	25	26	24	25	31	25	27	28	18	28	30	31	31	17	25.7
Grannis	Maximum	57	51	50	57	60	62	60	44	59	63	68	65	64	60	62	61	63	58	47	35	45	40	41	41	41	47	55	54	53.9
	Minimum	46	44	32	25	30	35	22	19	20	28	33	38	39	23	32	34	34	42	32	30	27	32	28	30	33	30	32	26	31.3
Gravette§§	Maximum	58	53	45	54	59	54	37	38	46	57	64	61	63	60	51	65	57	54	45	38	35	40	42	43	37	40	48	47	49.6
	Minimum	47	33	27	21	29	29	20	11	18	19	25	48	52	22	27	38	21	36	27	25	25	26	23	29	30	31	24	11	27.6
Green Mountain	Maximum	50	45	43	54	57	53	42	36	46	55	64	57	57	47	51	48	55	54	42	30	36	35	41	40	38	37	42	41	46.3
	Minimum	41	34	28	28	30	41	20	11	25	28	33	45	35	24	34	39	33	36	24	24	27	28	29	29	30	29	30	16	29.7
Harrison	Maximum	52	49	41	52	61	53	35	35	46	53	64	58	55	45	50	59	55	50	39	31	36	41	43	42	39	40	45	43	46.9
	Minimum	46	36	29	23	25	31	21	13	23	20	25	39	34	23	29	30	30	36	27	26	28	29	20	30	34	31	31	18	28.1
Helena	Maximum	59	46	40	50	59	58	52	36	48	52	64	65	65	47	53	60	60	50	47	52	43	43	48	43	46	45	41	41	50.5
	Minimum	44	38	31	23	30	40	22	17	20	29	36	39	45	33	29	35	32	39	30	25	28	30	24	31	31	34	33	22	31.1
Highland	Maximum	57	52	53	52	58	61	56	45	59	63	67	67	65	59	60	61	61	60	49	43	41	40	42	41	50	49	55	58	54.4
	Minimum	44	46	35	30	34	42	25	24	27	29	45	43	43	28	34	38	39	45	34	30	30	31	28	34	35	34	36	29	34.7
Hope §§ ‡‡	Maximum	55	51	45	52	59	61	45	45	57	66	68	69	60	58	61	65	60	58	41	32	44	40	41	41	52	48	53	49	52.7
	Minimum	46	46	36	26	26	30	25	25	26	25	25	31	45	29	30	31	34	38	41	32	29	32	33	34	34	34	35	29	32.4
Hot Springs	Maximum	58	49	48	54	60	60	55	40	56	60	65	64	62	54	58	58	60	51	44	35	36	37	43	39	48	45	53	54	51.6
	Minimum	46	44	32	26	31	42	25	20	23	26	31	42	40	28	30	33	30	44	30	25	28	31	27	32	33	32	36	24	31.8

Daily Temperatures for February, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Mean
Irons Fork.....§§‡‡	Maximum	49	48	42	55	60	60	39	39	55	61	68	61	45	53	57	57	59	49	37	29	37	35	40	34	41	41	54	51				48.4
	Minimum	46	43	31	20	25	32	20	15	17	18	24	31	43	23	25	35	31	37	35	26	25	29	31	30	32	32	31	22				28.9
Jonesboro	Maximum	52	45	45	54	57	59	46	37	46	59	66	63	60	50	55	58	59	53	46	35	47	44	47	43	47	43	41	39				49.9
	Minimum	37	37	29	24	27	41	31	15	22	22	26	37	44	30	30	34	32	34	26	25	30	31	25	30	30	31	30	20				29.6
Lead Hill..........	Maximum	50	50	38	46	65	50	38	37	50	57	64	60	58	48	53	61	58	50	41	33	41	43	45	41	40	39	45	44				48.0
	Minimum	43	37	30	19	22	26	21	12	15	16	20	34	35	25	26	28	25	26	29	29	30	29	16	31	33	32	32	16				26.3
Little Rock..***	Maximum	51	49	45	54	59	60	42	38	51	60	65	64	60	49	53	60	58	50	40	32	36	39	42	39	47	42	50	41				49.1
	Minimum	44	38	33	29	35	32	26	20	25	32	35	46	38	31	33	38	38	39	29	27	31	31	28	32	34	32	37	25				32.8
Little Rock.....*** [Airway]	Maximum	49	50	46	55	61	62	44	40	54	60	67	65	61	52	55	61	60	52	40	32	36	40	42	40	48	43	52	42				50.3
	Minimum	44	38	30	26	28	32	24	20	24	28	28	44	36	31	29	33	38	40	29	27	32	30	27	32	33	32	37	25				31.3
Lutherville........	Maximum	54	51	44	48	60	54	45	39	54	58	65	61	58	50	55	54	60	52	40	31	36	40	38	40	40	45	49	45				48.8
	Minimum	43	41	30	27	31	38	21	13	22	28	32	40	38	24	29	35	35	39	27	26	27	30	26	30	33	32	33	20				30.4
Magnolia..........	Maximum	63	53	50	55	59	60	55	44	57	66	70	69	66	58	63	66	67	65	56	40	52	49	42	41	53	49	54	59				56.5
	Minimum	50	48	34	26	30	45	26	27	24	29	38	43	49	31	35	39	41	45	39	34	30	33	36	36	32	37	30	32				35.7
Mammoth Spring.	Maximum	55	46	47	54	60	54	39	37	47	56	67	58	58	51	54	51	58	55	45	35	41	43	45	48	45	43	38	40				48.9
	Minimum	33	36	28	24	23	32	22	13	15	17	21	41	40	27	26	31	29	26	28	25	26	30	17	30	32	31	30	18				26.8
Marianna...	Maximum	51	47	44	51	58	59	40	35	48	59	65	63	66	48	55	60	56	50	35	34	45	40	47	35	48	45	42	40				48.8
	Minimum	42	41	32	24	25	35	24	19	20	26	32	37	40	31	27	33	35	37	34	25	25	30	25	30	30	32	33	22				30.2
Marked Tree....§§	Maximum	50	46	44	52	56	59	39	36	47	58	66	63	64	49	54	59	62	53	34	36	49	47	49	36	49	42	42	39				49.3
	Minimum	39	39	31	24	24	28	21	15	15	24	26	32	41	30	29	29	32	34	26	24	24	29	21	26	28	30	29	19				27.5
Mena.............	Maximum	54	50	48	57	62	61	47	39	51	63	69	62	60	58	59	57	60	52	42	32	39	37	43	36	45	42	55	52				51.1
	Minimum	48	45	33	25	30	37	22	18	25	25	33	45	39	25	30	34	33	42	32	28	27	33	33	31	34	32	33	25				32.0
Monticello......***	Maximum	59	50	43	54	62	59	45	40	56	62	68	66	71	54	61	68	63	62	46	36	49	39	46	42	47	46	50	44				53.1
	Minimum	47	37	33	24	31	42	27	25	23	32	38	41	40	31	31	38	39	45	34	31	32	33	31	36	35	37	36	26				34.1
Morrilton ....§§	Maximum	45	50	48	53	61	58	40	39	52	58	68	61	53	53	54	59	59	50	40	36	44	44	43	41	48	49	52	44				50.1
	Minimum	42	42	32	27	28	29	25	18	19	24	26	26	46	29	28	28	31	34	37	25	26	29	26	27	31	31	33	24				29.4
Mountain Home...	Maximum	48	48	49	56	63	56	38	37	52	58	67	61	59	48	53	59	58	53	45	34	39	45	45	46	41	40	42	42				49.4
	Minimum	44	35	29	23	25	33	20	13	19	22	25	42	36	25	29	33	29	33	28	27	28	29	21	28	32	30	31	17				28.1
Mt. Ida	Maximum	54	51	49	59	62	66	53	43	61	65	71	66	64	59	60	60	63	55	45	37	39	38	44	40	49	48	58	53				54.0
	Minimum	47	45	36	19	22	39	24	19	13	16	21	40	42	26	22	26	25	39	32	28	28	32	27	32	34	32	34	24				29.4
Nashville..........	Maximum	55	51	52	54	59	61	53	45	57	62	68	68	64	58	60	63	61	60	50	38	42	41	40	42	50	49	55	49				53.8
	Minimum	50	47	34	28	29	40	26	26	22	27	30	44	45	28	35	36	31	45	32	30	31	31	35	34	36	35	36	31				34.1
Newport...........	Maximum	55	45	47	54	57	62	52	49	50	59	66	62	62	52	57	58	59	55	48	35	43	43	47	44	49	47	46	43				51.6
	Minimum	42	38	33	23	26	42	23	17	18	18	25	40	43	31	28	31	33	34	27	26	31	33	25	32	29	32	33	22				29.8
Oden......... ..***	Maximum	50	50	47	56	62	60	42	38	55	62	67	60	58	54	57	59	58	50	41	31	38	36	42	37	47	43	54	50				50.1
	Minimum	45	37	28	22	27	30	22	16	22	20	24	44	35	24	24	33	40	41	30	27	28	31	31	31	31	31	32	22				29.6
Okay.....	Maximum	64	54	53	54	59	62	62	47	67	65	70	68	69	57	60	68	65	60	55	37	44	44	41	42	49	49	56	55				56.3
	Minimum	49	47	37	27	29	43	27	29	24	28	29	43	48	30	33	36	33	45	36	33	31	32	35	35	35	36	38	32				35.0
Ozark.............	Maximum	53	51	49	53	63	62	45	40	55	59	64	62	62	52	54	59	62	52	44	34	37	41	41	40	40	45	51	48				50.6
	Minimum	43	42	32	25	26	31	21	16	21	27	26	37	39	24	28	36	26	37	30	27	27	31	24	31	34	32	31	21				29.5
Paragould....... .	Maximum	50	45	43	50	53	56	45	36	43	51	60	59	58	48	51	51	57	54	47	35	43	43	44	46	46	41	42	40				47.8
	Minimum	34	33	32	25	27	40	23	16	21	21	25	35	47	31	30	34	34	31	28	24	28	31	22	30	29	31	29	20				29.0
Pine Bluff........	Maximum	54	50	44	55	62	64	54	44	51	64	69	67	66	56	59	66	62	56	46	35	43	39	47	44	51	47	52	46				53.3
	Minimum	46	44	36	25	31	46	26	22	25	29	33	43	45	32	31	37	36	44	32	30	31	32	29	33	33	35	38	27				34.0
Pocahontas.......	Maximum	51	45	48	56	55	58	44	39	48	54	63	62	60	52	55	53	60	57	49	36	44	47	47	44	48	46	42	42				50.2
	Minimum	34	36	31	22	24	35	21	14	21	22	24	35	45	28	30	33	32	32	29	25	27	31	22	30	30	31	28	19				28.2
Portland	Maximum	62	52	52	54	62	54	48	42	55	63	68	66	72	55	58	68	62	58	53	42	50	45	47	46	46	46	50	48				54.4
	Minimum	45	45	32	24	28	41	25	25	22	25	28	35	55	29	27	33	38	43	41	33	31	32	31	34	33	37	33	26				33.2
Prescott............	Maximum	61	53	52	55	61	63	61	46	58	65	69	69	66	58	62	64	64	59	53	36	46	44	42	42	53	51	55	51				55.7
	Minimum	49	47	34	26	30	44	26	21	24	27	32	44	48	30	32	37	38	41	35	30	30	32	34	34	35	35	36	29				34.5
Rogers	Maximum	53	49	43	52	60	55	37	35	48	57	65	60	56	50	52	63	57	47	39	28	34	38	43	38	37	38	46	47				47.4
	Minimum	48	36	28	22	25	30	21	12	18	18	23	47	33	20	30	37	28	34	27	25	24	26	22	29	31	31	28	17				27.5
Russellville......‡‡	Maximum	56	52	50	53	63	63	54	40	51	60	67	65	63	51	55	58	61	60	..	35	41	44	41	42	46	47	52	51				52.6
	Minimum	44	44	32	25	26	32	24	17	21	22	25	32	41	27	27	29	30	37	29	29	29	30	25	31	33	33	36	23				29.8
St. Charles ......§§	Maximum	52	49	45	51	60	58	41	43	50	60	65	65	66	51	58	64	58	52	40	32	45	43	48	39	50	48	46	42				50.8
	Minimum	44	43	33	25	30	36	26	20	22	30	34	42	48	32	30	35	36	40	38	28	27	31	27	35	31	35	35	25				32.8
Searcy	Maximum	55	51	48	54	60	61	51	41	54	61	67	62	59	55	57	63	62	54	46	34	42	41	45	42	49	46	49	42				51.8
	Minimum	44	40	32	23	26	38	22	16	19	23	25	33	43	29	28	29	29	38	26	25	30	31	25	32	30	31	35	23				29.5
Stuttgart	Maximum	55	51	44	52	61	62	50	36	50	60	67	64	62	50	55	64	58	52	43	32	37	40	42	42	50	44	46	42				50.4
	Minimum	44	41	33	25	28	42	24	19	23	28	29	38	44	31	31	33	32	42	30	26	30	32	29	32	31	34	36	25				31.9
Stuttgart . ....‡‡§§	Maximum	50	49	44	52	59	59	42	37	50	60	61	64	65	50	50	62	57	53	48	33	40	41	41	39	49	45	46	42				49.6
	Minimum	45	43	33	26	28	33	25	20	22	28	30	39	46	31	29	34	31	36	38	27	26	30	28	32	32	34	35	25				31.6
Subiaco	Maximum	51	50	49	50	59	55	49	37	52	58	67	65	63	47	55	58	59	55	42	33	37	42	42	40	45	45	49	48				50.1
	Minimum	45	42	33	28	31	39	23	17	27	26	29	47	39	26	29	35	36	40	30	26	27	31	26	33	34	31	34	22				31.6
Texarkana	Maximum	61	52	50	55	55	63	56	47	59	68	71	70	65	60	64	68	63	65	55	38	48	44	41	41	50	49	56	52				55.9
	Minimum	50	48	37	27	31	45	27	29	26	29	37	44	47	31	36	40	36	47	38	34	32	33	36	35	37	36	38	35				36.5
Thornburg	Maximum	53	49	46	55	61	62	51	39	54	61	68	66	61	52	58	59	60	49	41	31	34	41	42	39	48	43	53	46				50.8
	Minimum	44	42	31	18	22	36	22	14	15	17	20	45	39	26	22	28	32	34	27	25	26	29	17	31	29	31	35	19				27.7
Turnpike..........	Maximum	52	49	43	50	55	49	37	32	51	53	62	53	53	51	53	50	55	49	35	24	33	35	49	36	35	40	45	42				45.4
	Minimum	42	34	24	28	36	36	17	8	25	28	41	41	31	20	31	35	30	33	23	20	23	25	22	27	27	28	28	15				27.8
Waldron	Maximum	55	56	53	56	65	63	45	40	57	65	69	66	65	52	60	63	..	56	45	48	40	43	43	40	45	46	54	53				53.4
	Minimum	47	43	34	22	25	34	23	18	18	20	24	42	39	24	26	32	.	40	30	27	28	35	30	30	34	31	33	23				30.1
Warren	Maximum	61	64	50	55	60	60	51	43	56	63	68	67	68	55	58	62	66	58	51	36	40	42	51	44	53	55	51	55				51.5
	Minimum	47	40	34	40	30	48	25	24	25	35	35	39	..	..	..	..	..	..	35	31	32	29	31	33	34	35	34	28				33.8
White Rock.......	Maximum	53	45	44	49	61	56	36	34	49	53	60	54	53	47	52	53	55	50	35	38	32	38	35	32	33	38	46	40				45.4
	Minimum	45	36	24	28	35	34	16	9	25	30	39	42	30	19	37	37	32	35	28	24	23	26	25	26	29	29	25	15				28.7
Wilson	Maximum	52	57	44	50	55	56	54	49	40	59	65	64	60	47	56	57	58	49	50	38	47	44	50	49	49	44	40	39				50.8
	Minimum	38	34	31	24	24	38	21	14	15	19	31	40	40	32	23	33	29	30	23	23	27	22	18	30	27	31	30	19				27.4
Wynne	Maximum	56	49	45	53	58	61	59	42	49	59	67	65	61	49	54	60	59	58	40	49	47	45	45	45	49	48	44	44				52.1
	Minimum	40	36	31	23	24	40	21	11	20	27	37	43	49	31	26	35	32	32	30	24	29	33	24	32	29	32	32	22				30.2

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
Hope, ...§§ Exp. Farm	Evap.	.120	....	..	.030	.107	.100	.111	*	.250	.093	.018	.241	.141	.158	.110	.112	.086	.164	.120	....	.031	.072	.028	.089	.039	.174	.029	.121				2.849
	Mean tem.	50	48	40	39	42	46	35	35	42	46	46	50	52	44	46	48	47	48	41	32	37	36	37	38	43	41	44	39				42.6
	Wind move	26	62	79	37	46	55	70	70	63	19	53	38	129	104	27	21	63	48	78	118	81	43	55	68	60	51	37	85				1686
Irons Fork,.. §§ Exp. Forest	Evap.	.008	.057	.040	*	*	.091	*	*	*	*	*	.277	.084	*	.084	.052	.040	.068	.027	*	*	.011	.001	006	.008	.014	.000	.057				0.925
	Mean tem.	48	46	36	38	42	46	30	27	36	40	46	46	44	36	41	46	45	43	36	28	31	32	36	32	36	36	42	36				40.5
	Wind move	0	3	9	3	4	1	0	3	2	2	1	14	43	41	9	28	17	5	7	16	2	1	5	17	6	7	17	1				284
Russellville,... Ozark Nursery.	Evap.	.000	....	.108	.040	.056	.070	.158	.088	.056	.066	.062	.080	.188	.062	.050	.034	.098	.046	030	.028	.176	.006	.054	.000	.056	.026	047	.139				1.900
	Mean tem.	50	48	41	39	44	48	37	28	36	41	46	46	52	39	41	41	46	48	...	32	35	37	33	36	38	40	44	37				41.1
	Wind move	0	15	41	17	4	11	66	34	6	0	1	23	68	5	1	0	4	1	14	7	1	3	19	10	19	16	29	12				427
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.050	004	.026	*	*	.132	*	*	*	*	.291	.088	.156	*	*	.215	.101	.096	.020	*	*	*	*	*	*	.027	.022	*				1.228
	Mean tem.	48	46	38	39	44	46	34	34	36	44	46	52	56	40	40	53	46	46	46	38	30	35	34	36	40	40	40	....				40.6
	Wind move	16	25	132	44	43	33	99	101	67	27	53	29	213	178	26	25	90	38	64	54	41	12	28	65	60	51	43	60				1717

Daily Precipitation for February, 1941 Hydrologic Stations

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot
Alicia [1] ‡	White	.13	.02	....	....	....	....	....	....	....	....	....	.06	.76	....	....	....	....	....	.06	....	....	....	....	.11	....	.21	....	....	....			1.
Antoine(near) [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....			....
Beaty Lake(near)	St. Francis	.08	.19	....	....	....	....	....	....	....	....	....	....	.51	....	....	....	....	....	*	.51	....	....	....	.22	....	.19	....	....	....			1.
Beedeville [2]	White	....	.15	.18	....	....	....	....	....	....	....	....	....	.61	.19	....	....	....	....	.03	.56	....	....	T.	T.	.08	.16	.01	....	....			1.
Blue Mountain [2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....			....
Briggsville [1] ‡	Arkansas	.62	.36	....	....	....	....	....	....	....	....	....	.65	.04	....	....	....	....	.05	.69	.14	.09	.11	.13	.28	.19	.08	....	....	....			3.
Cabot [2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....			....
Carlisle [2]	Arkansas	....	.37	.21	....	....	....	....	....	....	....	....	....	.22	T.	....	....	....	....	.25	.97	....	....	T.	.20	.13	.43	....	....	....			2.
Carpenter Dam [1]	Ouachita	.60	1.00	....	....	....	....	....	....	....	....	....	.13	.03	....	....	....	....	....	.48	.22	.12	.09	.30	.20	.32	.19	....	....	....			3.
Clarksville [1] ‡	Arkansas	.39	.84	....	....	....	....	....	....	....	....	....	.58	.02	....	....	....	....	.33	1.15	.16	....	.02	.02	.28	.04	.06	....	....	....			3.
Clay SCS [2]	Arkansas	....	.23	....	....	....	....	....	....	....	....	....	....	.59	....	....	....	....	....	*	.98	*	.21	....	.52	....	....	....	....	....			2.
Compton [1] ‡	White	.38	.20	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	.15	.32	.03	....	....	.01	.21	.03	.12	....	....	....			2.
Denmark [2]	White	....	.20	....	....	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	.03	72	....	....	....	.13	T.	.23	T.	....	....			1.
Dermott [2]	Mississippi	....	57	.58	....	....	....	....	....	....	....	....	....	.04	....	....	....	....	....	....	1.38	.02	.04	....	.15	.20	.14	.03	....	....			3.
Eleven Point [2]	White	....	15	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	.09	....	.13	....	....	....			0.
Evening Shade [2]	White	....	.22	.01	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	....	T.	.10	....	....	....	.15	.01	.16	.06	....	....			1.
Foreman [1] ‡	Red	1.51	.51	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.46	.06	....	....	.41	.20	.49	.08	....	....	....			3.
Green Forest [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....			....
Greenwood [2]	Arkansas	.22	.36	.18	....	....	....	....	....	....	....	....	....	.42	....	....	....	....	....	.35	1.60	.09	T.	....	.31	T.	.20	....	....	....			3.
Hardy [1] ‡	White	.11	.07	....	....	....	....	....	....	....	....	....	.32	.10	....	....	....	....	....	....	....	....	....	....	.14	....	.16	....	....	....			0.
Harrisburg [2]	St. Francis	....	.13	.09	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	....	....	.20	....	....	....	....	.16	....	.20	....	....			1.
Huntsville [2] ‡	White	.38	.30	....	....	....	....	....	....	....	....	....	.64	.06	....	....	....	....	.23	.36	....	....	....	.03	.46	.04	.10	....	....	....			2.
Jacksonville [2]	Arkansas	....	.35	.35	....	....	....	....	....	....	....	....	....	.43	....	....	....	....	....	.25	.73	.02	.01	.03	.04	.03	.69	.02	....	....			2.
LaCrosse [2]	White	....	.18	.08	....	....	....	....	....	....	....	....	....	.30	....	....	....	....	T.	.02	81	....	....	....	.03	....	.07	....	....	....			1.
Lake City [2]	St. Francis	....	.10	.05	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	.05	....	....	.01	.07	....	.14	.03	....	....			0.
Marvell [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....			....
Mountain View [2]	White	T.	.26	.20	....	....	....	....	....	....	....	....	....	.66	....	....	....	....	....	.07	.31	T.	....	....	.26	T.	.15	.05	....	....			1.
Newhope(near) [2]	Ouachita	*	.92	1.28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	*	1.20	....	.32	....	.53	....	.34	....	....	....			4.
Nimrod [2] ‡	Arkansas	.45	.28	....	....	....	....	....	....	....	....	....	.72	....	....	....	....	....	.10	.68	.20	....	.15	.06	.25	.25	.09	....	....	....			3.
Odell (near)	Arkansas	.29	.88	.18	....	....	....	....	....	....	....	....	....	.45	.04	....	....	....	....	.65	.16	....	....	....	.39	.19	.02	....	....	....			3.
Parthenon [2] ‡	White	.24	.38	....	....	....	....	....	....	....	....	....	.74	.04	....	....	....	....	.05	.40	.05	.02	....	....	.19	.01	.12	....	....	....			2.
Pottsville [2]	Arkansas	.80	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.43	.43	....	....	....	....	48	....	....	....	....			2.
St. Paul [2]	White	.20	1.16	.21	....	....	....	....	....	....	....	....	....	1.00	....	....	....	....	....	.54	.60	....	....	....	.40	....	.20	....	....	....			4.
Shirley [2]	White	.10	.19	.07	....	....	....	....	....	....	....	....	....	.68	....	....	....	....	....	.07	.55	....	T.	....	.04	T.	.10	T	....	....			1
Solgahachie [2]	Arkansas	62	65	....	....	....	....	....	....	....	....	....	....	.71	....	....	....	....	.34	.76	.26	....	....	....	.12	....	.41	....	....	....			3
Sparkman [2]	Ouachita	.12	.85	.55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.40	.02	.15	....	.39	....	.48	.03	....	....			3
Tichnor [2]	White	....	.51	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	1.66	....	.10	....	.19	.08	.15	.02	....	....			3
Vick [2]	Ouachita	....	2.00	.23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.75	....	T.	T.	....	.23	....	....	....	....			4
Wheeling [1] ‡	White	.22	.03	....	....	....	....	....	....	....	....	....	33	.04	....	....	....	....	....	....	....	....	....	....	.16	....	.19	....	....	....			0.
Winfrey [1] ‡	Arkansas	.29	.69	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	.42	.41	.01	....	....	.12	.44	.05	.02	....	....	....			3.

Daily River Stages for February, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Fort Smith	Arkansas	22	10 6	10.4	12.0	16.3	16 5	15 8	14.6	12.8	11 6	11.0	10.3	9.4	9 0	9 3	9.0	8 8	8.4	8.1	7.6	10 0	12.0	12.4	12 1	11.1	10.0	10.5	10 9	10 5
Van Buren	do	22	10.5	10.0	11.8	16.0	16.4	15.8	14.6	12.8	11.5	10 7	10 1	9.0	8.2	8.7	8.5	8.3	7.8	7 4	7.0	9.3	11.5	12 3	12.0	11.0	10.0	10.5	10.6	10.2
Mulberry	Mulberry	18	2.4	2.5	5.2	4.2	3.6	3.2	2.9	2.6	2.4	2.3	2.1	2.1	2.3	2.6	2.4	2.3	2.3	2 2	2.2	2.7	2.7	2.6	2.6	2.5	2.5	2.6	2.6	2.7
Danville	Petit Jean	20	8.4	10.4	15.6	18.7	17.7	14.9	12.1	10.0	8.5	7.6	6.9	6.4	6.0	11.8	10.9	8.4	8.4	7.0	6.6	9.7	17.8	19.1	18.0	16.5	15.5	16.9	17.1	16 3
Ozark	Arkansas	22	6.3	5.8	6.9	10.4	11.8	11.5	10.5	9.0	7.1	6.4	6.0	5.2	4.3	4.3	4.4	4.4	4 0	3.5	3.1	4.5	6.4	7.9	7.7	7.1	6.4	6.1	6.2	6.2
Dardanelle	do.	22	10.1	9.8	10.6	12.0	15.2	15.5	14.7	13.3	11.9	10.5	9.7	9.0	8.4	7.9	7.8	7.7	7.5	7.2	6.8	7.0	9.0	10.9	11.9	11.5	10.8	10 2	10.0	10.0
Morrilton	do.	20	7.4	7.8	7.5	8.6	11 6	13.0	12 6	11.6	10.2	8 6	7.4	6.5	5.8	5.2	4.9	4 9	4.6	4.2	3.7	3.6	4.5	7.3	9.0	9.3	8.8	8.2	7.8	7.8
Little Rock	do.	23	8.0	7.8	7.8	8.3	9.7	12.3	12.7	12.1	10.9	9.6	8.3	7.4	6.8	6.3	6.1	5.8	5.7	5 4	5.1	4.8	4.8	6.0	8.2	9.5	9.6	9 2	8.8	8 6
Pine Bluff	do.	25	12.2	11.8	11.8	11.9	12.5	13.7	16.5	16.5	15.8	14.6	13.3	12.0	11.1	10.2	9.7	9.4	9.2	9.0	8.7	8.4	8.1	8.1	10.4	12.4	12.6	12 5	12.0	11.7
Gilbert	Buffalo	30	4.7	5.0	6.4	6.2	5.9	5.4	5.1	4 9	4 7	4.4	4.3	4.2	4.6	5.3	5.0	4.8	4.6	4.5	4.4	4.6	4.7	4.4	4.3	4.3	4.5	4.5	4.7	4.7
Doniphan, Mo.	Current	10	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2 6
Black Rock	Black	14	7.3	6.9	6.7	6.5	6.2	6.0	5.8	5.5	5.2	4.9	4.5	4.3	4.1	4.0	3.8	3.6	3.6	3.5	3.5	3.2	3.1	3.1	3.0	2.9	2.8	2.8	2.7	2.6
Heber Springs	Little Red	30	6.8	6.7	6.8	7.3	7.0	6.7	6.5	6.2	5.9	5.6	5.4	5.2	5.3	6.3	6.8	6.2	6.0	5.8	5.6	5 6	5.6	5.7	6.0	6.2	6.7	7.0	7.4	7.5
OzarkBeachMo	White	30	4.7	4.2	4.8	5.0	6.2	6.0	5.3	4.9	4.6	4.4	4.4	2.4	3.4	2.5	3.1	3.2	1.7	2.1	2.2	2.0	1.7	1.4	1.4	4.0	1.9	2.0	2.0	1.8
Cotter	do	21	6.1	6.0	5.6	5.6	5.5	5.7	6.8	6.3	5.8	5.5	5.2	5.0	4.3	5.2	4.8	4.5	4.7	4.8	4.7	4.4	4.3	4.2	4.1	3.9	4.0	4.2	4.1	4.0
Calico Rock	do	18	6.2	5.8	5.7	6.3	6.2	6.2	6.8	6.2	5.7	5.2	4.1	4.7	4.4	4.2	5.2	4.5	4.5	4.8	4.3	4.3	3.9	3.7	3.5	3.0	3.1	4.1	3 4	3.5
Batesville	do	23	11.5	11.0	10.6	10.5	11.1	11.1	11.4	11.5	10.8	10.2	9.7	9.4	9.3	8.8	9.2	9.5	9.0	9.0	9.0	8.8	8.8	8.5	8.1	8.1	7 6	7.9	8.5	8.1
Newport	do	26	13.8	12.7	11.8	11.0	10.8	10.7	10.6	10.8	10.4	9.7	8.8	8.0	7.4	7.0	6.4	6.8	6.4	6.0	6 0	5.8	5.5	5.2	4.9	4.7	4.4	4.2	4.4	4.5
Georgetown	do	21	17.8	17.5	17.2	16.7	16.2	15.7	15.3	14.9	14.6	14.2	13.6	12.8	12.1	11.6	11.2	10.8	10.5	10.2	9.8	9.4	9.1	8.9	8 7	8.7	8.6	8.6	8.6	8.8
Des Arc	do	24	19.8	19.8	19.7	19.4	19.0	18.6	18.3	18.0	17.6	17.4	16.9	16.2	15.7	15.1	14.6	14.2	13.8	13.5	13.1	12.7	12.3	12.0	11.9	11.9	11.9	11.9	11.9	11.9
Clarendon	do	26	22.8	23.2	23.5	23.7	23.8	23.9	23.8	23.6	23.5	23.3	23.1	22.9	22.6	22.1	21.7	21.2	20.8	20.2	19.7	19.3	18.8	18.2	17.8	17.6	17.5	17.4	17.3	17.3
St. Charles	do	25	21.1	21.5	21.9	22.1	22.3	22.5	22.7	22.8	22.8	22.8	22.8	22.7	22.6	22.4	22.2	21.7	21.3	20 8	20.3	19.7	19.1	18.4	17.8	17.4	17 1	16.9	16.8	16.8
Glenwood	Caddo	..	5.5	6.0	7.1	6.4	6.2	6.0	5.8	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.7	5.7	5.7	5.7	6.0	6.0	6.1	6.0	5.9
Arkadelphia	Ouachita	17	8.1	8.6	12.2	11.0	10.0	9.7	9.4	9.1	8.2	7.7	8.1	8.0	8.0	7.9	7.8	7.6	7.1	7.6	7.8	8.4	8.9	8.6	8.4	8.2	9.1	9.2	9.9	9.6
Boughton	Little Mo.	20	7.8	9.3	14.3	16.6	18.4	17.4	14.0	10.7	9.2	8.4	7.8	7.4	7.1	6.8	6.6	6.3	6.1	6.0	5.9	7.3	10.3	10.9	9.3	9.2	10.9	12.2	12.6	12.7
Camden	Ouachita	26	18.0	15.9	16.4	20.3	23.8	24.9	24.9	24.9	24.5	23.6	21.8	18.7	15.4	14.7	13.7	12.7	11.8	10.9	10.6	13.0	13.0	16.4	18.2	18.9	18.8	18.5	19.2	19 8
Benton	Saline	20	6.6	7.2	10.2	9.3	8.6	8.0	7.8	7.1	6.9	6.6	6.3	6.2	6.1	6.3	6.6	6.2	6.1	6.0	5.9	6.1	7.0	7.3	8.0	7.9	8.5	8.7	9.6	9.2
Whitecliffs	Little River	25	9.0	10.2	16.0	20.6	23.0	23.4	22.6	20.6	19.0	16.0	13.5	10.1	9.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	6.0	7.8	10.0	14.6	16.2	18.0
Index	Red	25	8.8	9.4	10.0	14.4	17.0	17.2	16.0	14.4	13.0	12.2	11.6	11.2	10.8	10.3	9.9	9.8	9.7	9.6	9.6	9.4	9.1	9.0	10.8	12.7	13.3	14.0	14.8	15.0
Fulton	do	25	9.8	9.5	11.1	14.2	18.2	19.4	18.8	17.6	16.5	14.8	13.5	12.4	11.0	10.1	9.5	9.2	8.9	8.7	8.5	8.4	8.4	8.5	9.3	11.4	12.7	14.0	15.6	16 3
Big Lake Outlet	St. Francis	10	7.9	7.8	7.7	7.5	7.3	7.2	7.0	6.9	6.7	6.6	6.4	6.3	6.1	6.1	6.0	5.9	5.8	5.7	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.2
St. Francis	do	18	13.1	12.8	12.6	11.9	11.5	10.9	10.2	9.6	9.0	8.3	7.9	7.5	7.1	6.9	7.2	7.0	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.4	6.1	6.0	5.7	5.5
St. Francis L.L.	do	..	20.6	20.7	20.8	20.8	20.7	20.7	20.7	20.8	20.8	20.9	20.8	20.8	20.7	20.6	20.6	20.5	20.4	20.2	20.1	20.0	19.9	19.8	19.7	19.6	19.5	19.5	19.4	19.3
Marked Tree	do	17	6.7	6.6	6.6	6.6	7.0	7.4	7.4	6.7	6.6	6.5	6.5	6.5	6.4	6.4	6.4	6.4	5.9	6.0	6.1	6.3	6.3	6.2	6.2	6.1	6.0	6.1	6.1	6.0
Parkin	do	28	6.9	6.6	6.5	6.5	6.5	6.9	7.1	7.1	6.9	6.6	6.5	6.5	6.5	6.6	6.5	6.4	6.3	6.1	6.2	6.3	6.3	6.1	6.1	6.0	6.0	5.9	5.9	5.8
Madison	do	32	5.7	5.5	5.5	5.6	5.8	6.0	6.2	6.3	6.2	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.6	5 5	5.5	5.4	5.4	5.3	5.2	4.9	4.8	4.7	4.6
Helena	Mississippi	42	15.9	16.9	18.1	19.0	19.5	19.4	19.1	18.5	17.6	16.7	15.6	14.6	13.2	11.6	10.3	9.3	8.7	8.1	7.7	8.0	8.7	9.0	9.3	10.1	10.9	11.4	11.3	10.2
Arkansas City	do	42	13.5	13.8	14.3	15.0	15.7	16.1	16.5	16.9	16.8	16 5	16.0	15.0	14.0	13.0	11.8	10.5	9.5	8.8	8.1	7.6	7.3	7.5	7.5	7.8	8.8	9.9	10.5	10.8

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations havin or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year pe for stations with 10 to 14 years the means for the period of record are used §Also on other dates **Not used in means and summaries ‡‡Evaporation station. † office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch Reference letters a,b,c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation corded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amo recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage *Included in the next measurement T Trace, or precipitation than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:--Alum Fork Reservoir, Reform; Big Lake Outlet Manilla Boughton, Route 4, Prescott; Clo Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5 Texarkana; Irons Fork, Experiment Forest, Me Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Rout Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Th mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No reco

Weather Bureau Office, Little Rock, Ark. 3 26-41-11

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVI Little Rock, Ark., March, 1941 No. 3

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GENERAL SUMMARY

The month was cold, being the coldest March since 1931, and the seventh coldest since 1891. The average monthly mean temperature for the State, based on the records of 77 stations, was 47.5°, which is 5.1° below the average of the past 51 years. Temperature departures ranged from —2.2° at Gravette to —6.8° at Thornburg. The highest monthly mean temperature reported from an individual station was 53.4° at Magnolia, the lowest was 42.6° at Gilbert. The highest temperature reported during the month was 80° at Texarkana on the 3d, the lowest was 13° at Devils Knob on the 17th. Most stations recorded their highest temperatures on the 3d, 21st or 31st, while the lowest occurred between the 11th and 18th, the 17th being the most common date. There were about 15 mornings with freezing temperatures in the northern counties, six in the central and three in the southern. The last freeze of the month occurred on the 29th and extended well into the southern counties, 29° being recorded at Crossett. There was killing frost in some sections on the 29th, but little damage occurred since vegetation is late generally for the season. Reports from the fruit districts in the western part of the State indicated no frost damage of any consequence. Sunshine was close to normal, averaging 58% of the possible amount.

March precipitation varied widely over the State, the southern counties having ample rainfall, while amounts decreased progressively northward to less than an inch at many northern stations. The total precipitation for the State as a whole, based on the reports of 108 stations, was 2.21 inches, which is 2.40 inches less than the average of the past 51 years. This was the driest March since 1936, and the driest month since October, 1940. The greatest monthly amount reported from an individual station was 6.76 inches at Hope, and the least was 0.47 inch at Fayetteville Experiment Station Sixteen stations in the southern counties had over five inches while 25 stations in the northern half of the State recorded less than an inch. The greatest rainfall in 24 hours was 3.40 inches at Camden on the 7th. Many stations in the southern counties recorded 24-hour rainfalls of two or more inches on the 6th and 7th. There was an average of five days with a measurable amount of rain. Light snow fell in many sections of the State during the first decade. The snow was generally accompanied by sleet or rain and melted as it fell. Amounts varied from a flurry as far south as Texarkana, to 4.2 inches at Eureka Springs. In the northeastern section, where it has been dry for some time, vegetation is showing the effect of insufficient moisture. There were no tornadoes during the month and no damage from high winds.

The heavy rains in the Ouachita watershed on the 6th and 7th caused a rise in the Ouachita River to a crest of 29.5 feet on the 11th at Camden. The river was above flood stage at that point from the 9th to the 14th, but further up the river flood stages were not reached. Property loss from the flood was estimated at only $1,000, due to timely warnings and the season of the year.

March was too cold for vegetation and too wet at times in the southern sections for farm work. Spinach and gardens sustained some damage from freezing temperatures. Considerable plowing was accomplished and the planting of corn, oats, potatoes and lespedeza was in progress during the last week. Fruit buds were dormant most of the month, and pruning and spraying was done when weather permitted. As the month ended, peach and plum trees were blooming. Strawberries were blooming in the southern counties.

B. N. W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	30.13	30.58	17	29.59	2	7.9	21	sw.	2	..	.	..	57
Fort Smith..	30.06	30.49	13	29.61	9	8 3	25	sw.	3	70	49	45	55
Little Rock..	30.08	30.53	18	29.64	9	8 9	26	sw.	3	82	54	57	69
Memphis	30.08	30.54	18	29.66	10	8.9	24	n.	16	77	51	56	49

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog						8	3					2	1	1	3	8				1			2	2	1						2
Light hail																															
Moderate hail																															
Thunderstorm			3			3				1					1	1							2							4	4

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1 3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	88	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	9	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3 04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
1941	47.5	80	13	2.21	0.2	7	13	8	10
Period	52.6	98	1	4.61	0.5	8	13	7	11

Climatological Data for March, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.. ....†	Saline	755	4	46.8	......	75	3	22	1	40	1.98	......	0.82	T	7	2	17	12	e.	L. R. Water Works
Arkadelphia	Clark	200	45	48.8	......	77	3§	28	18	37	3.75	−0.72	1.20	0.0	10	20	2	9	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	4 51	−0.69	2.47	0.0	8	5	15	11	......	George W. Reitzammer
Batesville Airway	Independence	363	4	47.6	− 2.6	76	3	22	17§	39	1.21	......	0.32	0.0	8	7	12	12	nw.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	1.18	−3.10	0.34	T.	9	16	5	10	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	46.8	− 5.0	73	3§	21	17§	39	1.40	−2.98	0.50	0.0	4	16	6	9	w.	J. E. Scanlan
Benton	Saline	285	5	45.4	......	78	3	24	11§	43	2.53	......	0.78	0.0	8	22	4	5	nw.	S. A. Burks
Bentonville	Benton	1295	35	43.5	− 4.9	71	31	17	17	33	0.58	−3.45	0.27	2 0	6	9	10	12	n.	U. S. Weather Bureau
Bethesda	Independence	500	1	46.6	......	75	3	20	17§	40	0.48	......	0.30	0.0	3	12	10	9	nw.	Soil Conservation Ser.
Big Lake Outlet ..†	Mississippi	239	10	......	......	......	......	......	......	......	0.96	......	0.33	0.0	7	14	3	14	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	1.40	−2.96	0.46	0 0	9	20	0	11	n.	Vernon C. Howe
Blytheville	Mississippi	252	15	46.2	− 5.4	74	3	20	1§	39	0.85	−4.49	0.20	T.	6	10	8	13	s.	Samuel Norris
Booneville (near)	Logan	465	26	47.8	− 5.4	77	31	23	17	44	1.33	−2.70	0.61	0.0	6	16	7	8	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	4.83	......	1.73	0 0	9	10	8	13	......	Ruby A. Buie
Brinkley	Monroe	205	49	49.4	− 3.9	78	21	25	14	38	2.05	−3.24	0.70	0.0	7	18	4	9	ne.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	0.58	−3.46	0.20	T.	5	14	3	14	......	William Jones
Camden	Ouachita	116	55	51.3	− 4 2	77	3	28	1§	36	5.27	+0.64	3.40	0.0	12	8	2	21	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	1.83	−3.11	0.51	0.0	8	9	8	14	n.	R. M. Wheatley
Clinton	Van Buren	516	19	......	......	......	......	......	......	......	0.97	−3.59	0.46	0.0	7	13	10	8	n.	Doyle G. Love
Clover Bend	Lawrence	235	..	45.7	......	75	3	20	14	41	1.35	......	0.72	0.0	4	13	14	4	ne.	G. E. Tanner
Conway	Faulkner	309	57	48.8	− 5.0	78	3	25	17	37	1 74	−2.54	0.63	0.0	6	17	8	6	s.	F. E. Cordrey
Corning	Clay	293	47	46.4	− 4.3	78	3	19	17	39	1.50	−2.86	0.62	0 0	9	16	7	8	n.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	0.51	−2 62	0.25	0.0	3	15	8	8	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	50.5	− 4.9	78	3	20	9	49	5 91	+0.77	2.67	0.0	11	12	7	12	nw.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	1.58	− 2.16	0.53	0.0	8	4	16	11	......	J. M. Patterson
Dardanelle	Yell	330	54	50.0	− 2.8	74	3§	26	17	38	1.30	−2.68	0.61	0.0	7	8	12	11	n.	Geo. N. Goodier
DeQueen	Sevier	426	5	49.9	......	79	3	25	11	41	3.16	......	0.80	0.0	9	12	9	10	e.	W. A. Douthit
Des Arc	Prairie	204	2	50.0	......	76	3§	22	18	41	2.20	......	0.57	0.0	7	6	14	11	......	Z. R. Glenn
Devils Knob..... †	Johnson	2350	4	42.8	......	70	31	13	17	33	0.93	......	0.51	2.0	10	16	1	14	ne.	U. S. Forest Service
Dumas	Desha	162	35	50.4	− 4.9	73	3§	26	1§	38	5 16	−0.60	1.96	0.0	8	7	12	11	n.	Ben Johnson
El Dorado	Union	270	40	51.0	− 5.2	76	3	30	14	35	5.58	+0.62	1.34	0.0	8	13	7	11	sw.	Mrs. E. W. Gaston
England	Lonoke	229	34	49.2	− 5.2	78	3	24	8	40	2.34	−2.50	0.90	T.	7	8	18	5	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	45.0	− 5.1	76	23	15	17	37	1.00	−2.98	0.33	4.2	6	14	9	8	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	45.4	......	73	31	16	17	34	0.56	......	0.31	1.4	6	5	9	17	n.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	44.3	− 5.2	72	31	18	17	34	0.47	−3.23	0.26	T.	6	8	18	5	n.	University of Arkansas
Fort Smith	Sebastian	448	59	48.0	− 4.6	76	31	24	17	33	0.89	−2.21	0.50	T	7	9	12	10	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	3	......	......	......	......	......	......	......	0.64	......	0.41	0.0	4	9	12	10	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	6.75	+2.41	2.35	0.0	9	10	6	15	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	1.26	−3.43	0.34	0.0	6	16	3	12	......	C. G. Long
Gilbert	Searcy	600	15	42.6	......	75	3§	15	18	52	0.60	−2.12	0.26	0.0	5	19	2	10	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	2.90	......	0.79	0.0	9	12	9	10	......	Chas. A. Price
Grannis	Polk	950	21	47.6	− 3.8	77	3	24	18	41	2.42	−2.52	0.68	T.	8	16	6	9	n.	W. E. McVay
Gravette	Benton	1250	43	43.8	− 2.2	75	31	17	17	40	1.44	− 2.18	0.88	3.0	6	14	13	4	nw.	Julius A. Schmidt
Green Mountain	Stone	1100	3	45.3	......	71	3	16	17	36	0.75	......	0.30	1 2	6	16	8	7	ne.	U. S. Forest Service
Harrison	Boone	1052	40	44.4	− 4.2	75	31	17	17	40	0.65	−2.94	0.22	2.0	5	18	5	8	ne.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	1.24	......	0.40	0.9	7	15	9	7	......	Lester B. Logan
Helena	Phillips	300	68	48.2	− 5.4	76	21	24	1§	34	2.87	−2.84	0.92	0.0	8	14	4	13	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	1.16	−3.10	0.41	0.0	4	13	11	7	n.	Otto Murphree
Highland	Pike	491	21	49.8	− 6.0	78	31	28	18	35	3.61	−0.76	1.51	0.2	7	10	14	7	ne.	J. O. Cooley
Hope (near).....‡‡	Hempstead	375	70	48.5	− 8.1	77	3§	28	18	36	6.76	+2.08	2 13	T.	10	15	5	11	ne.	Experiment Farm
Hot Springs	Garland	600	49	49.4	− 4.3	78	31	26	17	37	2.17	−2.26	1.06	T.	10	17	8	6	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	5.25	+1.21	2.25	0.0	5	15	3	13	......	W. E. McDowell
Irons Fork .....†‡‡	Polk	1385	2	45.1	......	75	3	20	14	47	2.18	......	0.56	0.0	12	18	3	10	se.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	2.06	−2.25	0.75	0.0	7	6	14	11	e.	U. S. Forest Service
Jonesboro	Craighead	345	45	47.6	− 4.6	76	3	22	17	35	1 33	−3.23	0.45	0.0	7	6	9	16	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	43.4	− 5.4	74	31	15	18	46	0.72	− 2.92	0.23	1.0	7	14	8	9	w.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	47.8	− 5.2	76	3	26	17	35	1.58	−3.04	0.73	T	8	7	8	16	ne.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	47.6	......	77	3	26	17	35	1.78	......	0.93	0.0	7	7	8	16	ne.	W. B. Airport Station
Lutherville †.	Johnson	775	42	46.8	− 4.8	73	31	20	17	34	1.35	−2.66	0.73	T	5	7	9	15	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	1.95	−3.11	0.56	0.0	6	3	8	20	......	J. W. Eppes
Magnolia	Columbia	315	24	53.4^{c}	− 3.4	75^{c}	4	30^{c}	11§	35^{c}	6.41	+1.95	2.40	0.0	8	5^{c}	11^{c}	12	ne.	State Agri. School
Mammoth Spring	Fulton	600	36	45.8	− 4.0	72	3	18	17§	43	0.95	−2.71	0.40	T.	4	14	8	9	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	48.0	− 6.0	73	21	24	14	35	1.90	−2.77	0.48	0.0	7	8	11	12	e	Cotton Exp. Station
Marked Tree	Poinsett	229	36	44.8	− 5.6	75	3	21	17§	39	1.31	−3.58	0.57	0.0	7	18	8	5	s.	Charles Walton
Mena	Polk	1207	52	47.7	− 4.6	75	3	26	18	38	1.75	−2.48	0.61	T.	10	13	8	10	sw.	E. W. St. John
Monticello Airway	Drew	273	4	49.7	......	75	3	28	1	36	5.84	......	2.96	0.0	13	5	13	13	n.	Airway Observer
Morrilton	Conway	315	21	44.4^{f}	− 6.4	78^{k}	3	24	1§	39^{x}	1.5[illegible]	−2.15	0.50	0.0	8	6	16	9	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	0.78	......	0.42	T.	6	23	2	6	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	45.4	− 4.6	73	20§	17	17	44	0.51	−3.00	0.25	0.0	8	10	7	14	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	1.47	......	0.37	T.	8	15	6	10	n.	J. G. Scott
Mount Ida	Montgomery	702	41	46.4	− 5.8	79	3	18	14	50	1.51	− 2.65	0.80	T.	6	14	4	13	nw.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	2.04	.....	0.80	0.0	7	13	11	7	se.	U. S. Forest Service
Mulberry (near)..†	Franklin	433	2	......	......	......	......	......	......	......	0.80	......	0.41	0.0	5	15	5	11	......	Clifton Ward
Nashville	Howard	350	2	49.4	......	78	3§	28	11	36	3.74	......	1.80	0.0	10	13	9	9	n.	H. B. Carruth
Newport	Jackson	231	57	48.0	− 4.3	74	21	23	17	37	1.16	−3.26	0.34	0.0	6	12	8	11	s.	J. D. Henderson
Oden	Montgomery	800	13	45.2	......	76	3	21	14	45	1 99	− 1.75	0.57	0 0	9	11	11	9	nw.	U. S. Forest Service
Okay	Howard	288	12	51.4	− 4.9	79	3§	30	1§	37	5.21	+1.34	2.68	0.0	8	11	7	13	ne.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	0.74	......	0.19	T.	8	15	10	6	......	G. H. Banks
Ozark	Franklin	396	45	47.6	− 4 8	78	31	23	17§	42	0.96	−2.89	0.51	0.0	6	6	9	16	e.	Orkney O. Milton
Paragould	Greene	275	17	46.2	......	72	3	20	17	43	1.49	−4.29	0.66	0.0	7	15	10	6	nw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	1.97	−3.43	0.62	0.0	8	11	8	12	......	Carroll King
Pine Bluff	Jefferson	215	53	50.5	− 4.3	76	3	29	1§	35	3.30	−1.87	1.35	0.0	8	2	23	6	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	1.88	−2.87	0.56	T.	5	11	11	9	nw.	J. R. Huddleston
Pocahontas	Randolph	300	47	47.0	− 4.0	78	3	19	17	44	1 45	−2.91	0.59	0.0	6	15	7	9	ne.	Benedictine Sisters
Portland	Ashley	122	34	50.0	− 6.7	77	3	23	1	37	5.02	−0.15	2.63	0.0	10	7	14	10	nw.	W. E. Edmiston
Prescott	Nevada	318	52	52.0	− 3.6	78	3	29	1	37	5.26	+0.76	1.91	0.0	10	16	4	11	ne.	W. R. Hambright
Rogers (near).....†	Benton	1300	50	43.7	− 5.2	72	31	16	17	36	0.75	− 2.65	0.30	4.1	7	5	18	8	ne.	Howard Fowler
Rosebud ....†	Faulkner	680	6	......	......	......	......	......	......	......	1.43	......	0.45	0.0	6	......	......	......	......	G. A. Maddox
Russellville	Pope	526	28	48.2	− 4.1	75	21§	24	17	42	1.43	−3.45	0.77	0.0	7	20	0	11	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	48.4	......	74	21	25	1	38	2.26	......	0.94	0.0	8	7	10	14	n.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	2.01	−3.39	0.76	0.0	10	19	0	12	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	48.1	− 4.1	76	3	24	1§	37	1 22	−2.84	0.37	0.0	7	16	7	8	ne	Walter A. Smith
Springbank ......†	Miller	240	31	......	......	......	......	......	......	......	6.24	+1.85	2.30	T.	11	8	5	18	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	2.15	−2.13	0.66	0.0	6	18	6	7	n.	S. C. Story
Stuttgart	Arkansas	214	53	49.8	− 4.8	75	3	26	1	36	1.98	−3.01	0.55	0.0	9	24	2	5	n.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	5	47.3	......	76	31	27	1§	35	2.00	......	0.60	0.0	8	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	43	48.0	− 5.0	75	21§	23	17	37	1.40	−2.33	0.72	T.	7	13	7	11	w.	New Subiaco Abbey
Texarkana	Miller	332	56	52.2	− 4.0	80	3	31	11	37	6.34	+2.08	2.05	T.	8	17	1	13	......	H. S. Brashear
Thornburg (near)	Perry	650	20	44.9	− 6.8	79	31	17	14	45	1.46	−2.40	0 64	0.6	5	11	13	7	s.	Edward E. Holmes

Climatological Data for March, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike †	Pope	2240	16	43.5	......	71	31	14	17	33	0.82	−3.67	0.56	0.5	7	16	3	12	ne.	U. S. Forest Service
Wabash	Phillips	179	1	48.4	......	72	21	27	5§	28	2.89	......	1.00	0.0	5	18	7	6	n.	Ben Rives
Waldron	Scott	675	21	48.4[d]	......	74[d]	21	23[d]	14§	47[d]	0.91	−3.36	0.69	0.0	4	19	6	5	n.	Wilson Ferguson
Warren	Bradley	206	46	51.6	− 4.4	75	3	29	18	34	5.10	−0.09	2.50	0.0	5	9	2	20	nw.	C. N. Turner
Whitecliffs	Little River	290	34	....	......	......	......	......	......	......	5.62	+1.43	1.70	0.0	6	12	2	17	......	L. M. Snead
White Rock †	Franklin	2285	4	43.8	......	70	31	14	17	33	0.81	......	0.41	T.	7	14	7	10	ne.	U. S. Forest Service
Wilson	Mississippi	237	15	46.2	− 5.9	74	3	10	1§	40	1.12	−4.29	0.42	0.0	5	20	1	10	n.	D. O. Anderson
Wright	Jefferson	234	1	49.2	......	75	3	26	17§	34	1.54	......	0.98	0.0	5	18	8	5	n.	J. S. Martin
Wynne	Cross	167	32	48.3	− 3.3	75	3	24	17§	40	1.69	−3.16	0.50	0.0	6	13	12	6	s.	B. M. Eddins
State Means	......	..	..	47.5	− 5.1	80	3	13	17	52	2.21	−2.40	3.40	0.2	7	13	8	10	n.	

Daily Precipitation for March, 1941

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser. †	Ouachita						.82	.18	.12						T.	.57	T.				T.			.09					.18		T.	.02	1.98
Arkadelphia [2]	Ouachita						.86	1.20	.33							.09	.36				.05	.01			.40			.05				.40	3.75
Arkansas City [2]	Mississippi						.01	2.47	.50								.57					.50		.04				.10				.32	4.51
Batesville Airway †	White						.32	.09			.01		.02	T.		.29								.14							.15	.19	1.21
Batesville River [2]	White						.21	.07	.02		T.	.01		.01		.24	.10								.18							.34	1.18
Bee Branch	Arkansas						35	T								.50								.15								.40	1.40
Benton [2]	Saline						.78	.48	.21							.08	.57					T.			.32			.05				.09	2.58
Bentonville [1]‡	Arkansas		T			.17	.11	.15			T.		.06		T	.05															.04		0.58
Bethesda ***	White						.30	.07								.11															T.		0.48
Big Lake Outlet †[2]	St. Francis			T.			.08	T.	T.					.07		.08	.33							.19	.06							.15	0.96
Black Rock [2]	White						28	.03			T.	.08		.05		.12	.16							.05	.17							.46	1.40
Blytheville [2]	St Francis							.15						T.		.20	.18							.10	.02							.20	0.85
Booneville	Arkansas						.61	.10			.10		.03			.45																.04	1.33
Boughton †[2]	Ouachita						1.06	1.73	.35					T.			.40					.10		.03	.50			.06				.60	4.83
Brinkley	White						.42	.08	.05							.57	.05							.70								.18	2.05
Calico Rock [2]	White						.20					.14				.05	.02														T.	.17	0.58
Camden [2]	Ouachita						.15	3.40	.44	.02	T.					.01	.56				.07	.11		*	.04			.05				.42	5.27
Clarendon [2]	White						.36	.22	.03							.10	.51							.04	.45							.12	1.83
Clinton	White		T.				.46	.04			.03		T			.20	.02						T.	.02							T.	.20	0.97
Clover Bend	White						.12				.09													.72								.42	1.35
Conway	Arkansas						.52	.21								.63								.06				.16				.16	1.74
Corning [2]	White						.19	.02				.15		.04		.11	.12							.21	.04							.62	1.50
Cotter [2]	White						.11	T	T.		.15	T.				T.																.25	0.51
Crossett ..[near]	Ouachita			T.			2.67	.94	.28					.09		.32	.03				.81	.21	.15	T.				.16				.25	5.91
Danville [2]	Arkansas			T.			.53	.11	.13			T.		.03		.22	.19					T.						.21				.16	1.58
Dardanelle [2]	Arkansas						.61	.08	.02							.41	06				T.	T						.02				.10	1.30
De Queen	Red			T.			.80	.42	.01				T			.47					.02		T.	.40	T.		T.	.23			.03	.78	3.16
Des Arc [2]	White						.57	.27	.03			T.				.04	.45					T.	T.		.55							.29	2.20
Devils Knob †	Arkansas		T	.03			.51	.10	.02		.06		.02	.02		.11	.02														T.	.04	0.93
Dumas	Mississippi			T.	T.		1.96	.75	.20							.58					.25		T.	1.11	.01							.30	5.16
El Dorado [2]	Ouachita				T.		.93	1.17	1.32	T.				.29			.23				.16	.14			T.							1.34	5.58
England	Arkansas	.40			.05		.90	.10	.05							.52	T.				T.			.32								T.	2.34
Eureka Springs	White						.33	.25			.12		.15			.07															.08		1.00
Fayetteville	White		T.	T.			.31	.14	.02		.07		.01	T.		.01	T.														T.	T	0.56
Fayetteville Exp. [2]	White						.26	.11	.03		.03		.02	T.		.02	T.														T.		0.47
Fort Smith [1]‡	Arkansas					.21	.29	.03	T.	T	.09		.01			.10	T.				T.						T				.07		0.80
Fort Smith W. †[2]	Arkansas					.41				.09					.04	.10																	0.64
Fulton [2]	Red			T.			.88	2.35	.62					T.			T.	.57			.11	T	T.	.70	.30			.07				1.15	6.75
Georgetown	White						.30	.12								.12	.34								.30							.08	1.26
Gilbert [2]	White						.26	.02			.10					.13																.09	0.60
Glenwood [2]	Ouachita			.09			.79	.29	.25						.11		.21								.56			.22				.38	2.90
Grannis	Red		T.				.68	.20	T.				.06			.43	.02				T.		T.	.38			T.				.16	.49	2.42
Gravette [2]	Arkansas						.18	.88					.06			.22								.05							.05		1.44
Green Mountain †	White						.30	.11			.10					.09	.01															.14	0.75
Harrison	White						.20	.17			.22		.04			.02															T.		0.65
Heber Springs [2]	White						.37	.06	T.			.01				.35	.03								.02							.40	1.24
Helena [2]	Mississippi						.03	.70	.10							.02	.69					T.		.05	.92							.36	2.87
Higden	White						.35				T.					.41								.11								.29	1.16
Highland	Ouachita						1.51	.40	.02							.34								.55				.09				.70	3.61
Hope ‡‡[2]	Red			T.			1.08	2.13	.50					T.		.04	.58				.20	T.		.75	.75			.04				.69	6.76
Hot Springs	Ouachita			T.			1.05	.17	.09		.03			.01		.33	.01							.21				.20				.06	2.17
Index ‡[2]	Red						1.20	2.25	.80												.50											.50	5.25
Irons Fork †‡‡[2]	Ouachita			.03			.56	.12	.18		T.			.07		.28	.17				.05	.03		.01	T.			.49				.19	2.18
Jessieville	Ouachita						.75	.16								.40	.20							.23				.25				.07	2.06
Jonesboro [2]	White						.20	T.				.02		01		.22	.33							.10	T.							.45	1.33
Lead Hill	White						.20	.03	.03		.23		.05			.05	T.														.13	T.	0.72
Little Rock [1]†	Arkansas		T.	T.			.73	.01	.01		T.			T.		.47	T.						T.	.14			T	.10			.02	.10	1.58
LittleRock Air'y [1]‡	Arkansas		T.	T.			.93	.01	T		T.			T		.50	T						T.	.17			T	.10			.01	.06	1.78
Lutherville †	Arkansas						.73	.08			.14		T.			.27																.13	1.35
Madison [2]	St. Francis				.30		T.	.56	.06							T.	50							T.	.30							.21	1.93
Magnolia	Red	.73					2.40	.83	.14							.53					.25			.50							1.03		6.41
Mammoth Spg [2]	White						.20	T.			T.	.29		T.		.06																.40	0.95
Marianna	St. Francis						.22	.20	.05							.45	.05							.45								.48	1.90
Marked Tree [2]	St. Francis				.09	T		.05				T.				.15	.30							.37	.18							.17	1.31
Mena [2]	Ouachita			.06			.61	.07	.02		T.			.05		.24	.22				T.			T	.04			.37				.07	1.75
Monticello Air ‡	Ouachita			T.			2.96	.45	.08							.73	.05				.33	.01	.01	.70			.01	.05			.20	.26	5.84
Morrilton [2]	Arkansas						.50	.26	.02		T.			T.		.26	.25				T.				.05			.06				.13	1.53
Mountainburg	Arkansas						.42	.02			.13		.01			.17															.03		0.78
Mountain Home	White						.16						.10			T															T.	.25	0.51
Mountain Valley	Ouachita			T.			.27	.17	.09					.02		.31								.07				.37				.17	1.47
Mount Ida	Ouachita						.80	.23	.09												.08			.11				.20					1.51
Mount Ida CCC	Ouachita						.80	.22	.08							.53					.06			.16	T.			.19					2.04
Mulberry †[2]	Arkansas						.41		.04		.16					.16																.03	0.80
Nashville	Red			T.			1.80	.46	.08				.03			.43					.03			.83			.01	.06			.01		3.74
Newport [2]	White						.32		.04			T.		T.		.10	.31							.05								.34	1.16
Oden	Ouachita						57	.20	.02				.02			.51					.05			.08	.45							.09	1.99
Okay	Red						2.68	.48	.10				T.	.02		.50	T.				.06			.82								.55	5.21
Osceola [2]	Mississippi				.06			.06				.04		T	.13	.19								.05	.05							.16	0.74
Ozark [2]	Arkansas			T.			.51	T.	.05		.11	T.	.03	T.		.16	T.															.10	0.96

Daily Precipitation for March, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Paragould	St. Francis			.04			.08				.04					.37	.02							.28								.66	1.49
Parkin[2]	St. Francis				.62		.16	.15								.09	.37							.10	.26							.22	1.97
Pine Bluff[2]	Arkansas			.01			.37	1.35	.18	T.						.06	.46					T.			.66							.21	3.30
Pine Ridge[2]	Ouachita					56		.20																T.	.51			.53				.08	1.88
Pocahontas	White						.29				.12			.09		.22								.14								.59	1.45
Portland[2]	Ouachita							2.63	.46					.03			.47				*	1.03		*	.10			.08				.22	5.02
Prescott[2]	Ouachita						.92	1.91	.32	T.				T.		.03	.42				.20			.04	.67			.04				.71	5.26
Rogers (near) †	White						22	.30	.06		.02		.11			.03															.01		0.75
Rosebud †	Arkansas					.38	.10										.45							.07			.17					.26	1.43
Russellville ‡‡	Arkansas						.77	.02			.02		T	.01		.49												.03				.09	1.43
St. Charles[2]	White						.12	94	.18							.10	.50							.06	.28							.08	2.26
St. Francis[2]	St. Francis						.04	.05			.04	.14		.06		.08	.28							.76	.29							.27	2.01
Searcy[2]	White						.23	.18								.15	.23							.02	.04							.37	1.22
Spring Bank †[2]	Red				T.		.37	2.30	.78	T.				.22		T.	.12	T.		T.	.26	.08	T.	.70	.10		T	.03				1.28	6.24
Story[2]	Ouachita						.66	.60								.39								.18			.17				.15		2.15
Stuttgart[2]	Arkansas						.32	.52	.06							.11	.55					.02		.03	.35							.02	1.98
Stuttgart ‡‡[2]	Arkansas						.27	.60	.14							.18	.41							.05	.24							.11	2.00
Subiaco	Arkansas						.72	.05	.09		.09		T.	.01		.33												T.			T.	.11	1.40
Texarkana[2]	Red						1.00	2.05	.68					.38			.30							1.35				.06				.52	6.34
Thornburg	Arkansas	T.					.33	.16	.04		T.					.64	T.							T.			T.	.29			T.		1.46
Turnpike †	Arkansas		T.				.56	.02	T.		.05		.04	.01		.13	T.														T	01	0.82
Wabash	Mississippi						.85	.20								.60								1.00								.24	2.89
Waldron	Arkansas						69									.22												T				T.	0.91
Warren	Ouachita						2.50	.90	.30							.78																.62	5.10
Whitecliffs[2]	Red						1.20	1.70								T.	.15							.82	1.05							.70	5.62
White Rock †	Arkansas		T.				.41	.05			08		.05	T.		.18					T.										.02	.02	0.81
Wilson[2]	Mississippi				.14											.42	.10							.25	.21								1.12
Wright	Arkansas						*	.98								*	.31							.25									1.54
Wynne[2]	St. Francis				.28		.26	.16			T.						.50						T.	.27								.72	1.69

Daily Temperatures for March, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	52	62	75	63	58	42	40	49	67	60	57	57	48	53	57	62	60	50	58	61	73	66	62	65	66	55	60	60	59	66	72	59.2
	Minimum	22	38	57	33	27	34	36	32	27	29	28	35	30	25	38	41	23	24	27	42	36	48	42	34	35	36	38	31	30	36	50	34.3
Arkadelphia §§	Maximum	57	66	77	57	52	42	43	55	67	54	63	65	52	56	52	69	45	52	62	57	73	71	59	68	58	59	64	61	63	70	77	60.2
	Minimum	30	30	49	41	32	34	39	34	30	37	30	36	35	30	33	43	30	28	30	35	43	46	54	53	41	40	42	39	31	34	46	37.3
Batesville ***	Maximum	50	64	76	59	49	42	43	54	68	59	58	52	49	56	48	66	48	49	62	69	72	69	64	63	57	55	64	57	61	66	70	58.7
	Minimum	25	36	59	35	26	33	36	34	29	39	31	33	29	26	39	37	22	22	40	42	40	46	51	43	32	36	44	43	30	43	48	36.4
Bee Branch	Maximum	48	61	73	70	50	48	42	52	66	65	54	55	50	51	50	64	53	48	57	67	73	70	68	64	63	55	64	62	58	64	72	59.3
	Minimum	25	30	55	33	25	32	35	30	27	35	30	32	28	25	38	33	21	21	26	40	39	46	45	46	33	36	41	41	29	37	48	34.3
Benton §§	Maximum	55	66	78	55	51	41	43	55	68	51	61	60	49	55	51	62	44	49	61	61	72	67	57	67	55	58	63	58	61	68	76	58.6
	Minimum	25	29	35	36	35	26	37	32	33	39	24	26	31	24	26	40	27	25	26	28	35	36	46	45	33	32	35	35	27	31	41	32.3
Bentonville ***	Maximum	57	60	61	43	50	42	36	44	67	45	50	42	40	50	48	50	39	51	60	66	69	67	67	57	58	53	60	50	58	58	71	53.8
	Minimum	30	45	31	28	27	35	28	23	34	32	27	28	23	27	37	24	17	24	33	43	42	46	46	39	32	39	39	32	27	46	44	33.2
Blytheville	Maximum	46	65	74	63	50	52	45	55	66	55	58	55	49	58	47	65	43	49	67	72	73	65	58	56	54	55	65	58	64	68	59	58.4
	Minimum	20	38	45	32	22	34	37	30	32	31	28	30	28	23	36	30	20	20	28	43	41	45	50	39	36	38	43	39	33	36	47	34.0
Booneville	Maximum	59	61	68	60	53	49	41	52	71	65	60	52	47	55	51	63	48	52	69	64	73	68	67	69	64	54	64	60	63	67	77	60.2
	Minimum	29	37	55	31	31	35	34	31	27	35	26	38	26	24	39	38	23	25	29	46	35	44	46	42	38	41	37	41	25	38	48	35.3
Brinkley	Maximum	49	67	76	70	50	48	45	54	65	62	57	60	54	55	48	65	64	48	63	64	78	68	61	61	56	60	65	61	60	67	70	60.4
	Minimum	26	38	57	38	27	37	38	35	30	43	32	37	35	25	41	43	26	27	29	45	40	49	52	50	35	38	47	45	31	39	51	38.3
Camden	Maximum	58	68	77	75	58	55	46	54	68	68	68	63	55	57	53	69	66	53	62	61	74	73	68	66	67	65	63	65	64	70	74	64.0
	Minimum	28	37	59	41	30	37	39	32	33	32	34	43	37	29	43	35	30	28	31	44	43	53	55	53	41	33	42	38	31	34	53	38.6
Clover Bend	Maximum	51	64	75	47	50	45	44	56	66	50	58	56	50	57	56	61	66	50	62	71	72	69	62	62	56	57	65	57	63	72	68	59.3
	Minimum	26	31	46	34	22	31	29	31	25	35	31	27	28	20	34	36	21	21	23	35	46	40	40	38	29	32	42	34	29	36	42	32.1
Conway	Maximum	51	65	78	65	53	49	45	58	67	65	55	56	52	55	49	68	56	53	59	67	74	70	64	67	62	59	65	61	63	57	75	60.7
	Minimum	28	35	58	36	27	36	39	34	30	41	27	36	31	26	40	42	25	27	28	44	38	50	47	44	36	36	42	41	29	41	52	37.0
Corning	Maximum	48	64	78	69	50	44	46	56	67	59	57	54	48	56	49	66	47	48	65	71	72	68	65	59	56	61	65	59	63	68	62	59.4
	Minimum	22	34	57	35	22	34	35	30	28	36	32	31	30	22	36	38	19	20	27	39	42	38	48	23	28	33	42	39	29	41	49	33.5
Crossett	Maximum	57	65	78	73	57	50	48	51	69	64	63	63	55	56	54	67	59	48	68	60	72	69	72	66	61	68	68	68	62	70	74	63.1
	Minimum	23	35	57	43	49	39	39	32	20	46	24	36	37	24	36	47	31	26	25	44	46	47	54	48	41	31	42	34	29	39	52	37.9
Dardanelle	Maximum	56	63	74	68	55	51	45	53	70	66	63	56	50	55	54	65	56	50	60	68	74	73	67	70	68	58	65	63	62	66	71	61.8
	Minimum	31	33	58	36	32	36	39	34	32	40	32	39	30	28	41	42	26	29	29	47	39	50	49	42	39	42	40	45	31	42	51	38.2
De Queen	Maximum	60	69	79	69	58	50	45	55	68	57	62	59	50	52	50	69	61	51	53	64	75	74	67	71	66	56	64	61	61	68	78	62.0
	Minimum	30	40	61	36	33	38	36	34	27	41	25	41	31	28	41	39	29	28	29	47	36	54	51	43	42	40	39	38	27	35	52	37.8
Devils Knob	Maximum	44	53	63	55	45	43	33	44	65	58	50	48	39	46	41	57	41	44	53	65	68	63	65	62	58	50	58	52	54	55	70	53.0
	Minimum	24	37	50	25	26	33	27	23	32	30	26	32	20	26	33	33	13	21	31	44	49	42	46	41	29	37	35	34	29	39	44	32.6
Dumas	Maximum	55	71	73	66	54	47	46	53	70	57	59	69	57	56	49	65	53	51	65	55	73	67	68	65	57	65	64	61	60	71	72	61.1
	Minimum	26	38	57	39	28	39	39	34	32	45	32	40	37	27	37	44	29	26	30	48	47	54	55	54	47	35	45	41	33	38	52	39.6
El Dorado	Maximum	69	69	76	74	53	56	49	52	69	52	61	62	57	56	51	69	61	51	61	65	58	70	69	64	59	64	64	65	69	69	71	62.4
	Minimum	38	36	60	45	33	39	34	36	38	34	33	35	36	30	47	45	32	31	31	45	48	47	49	45	43	40	37	36	34	40	53	39.7
England	Maximum	52	68	78	71	54	46	43	53	67	67	62	66	55	55	49	64	63	49	63	63	73	70	62	64	60	60	60	64	70	68	74	61.7
	Minimum	27	34	56	36	28	36	37	24	31	42	30	39	33	27	41	42	27	28	31	43	40	50	42	49	36	34	42	38	30	36	52	36.8
Eureka Springs	Maximum	57	61	63	47	51	45	36	48	70	69	53	47	41	54	46	54	43	55	62	65	71	67	76	67	59	53	62	54	60	55	75	57.0
	Minimum	29	42	42	28	24	31	29	20	35	32	26	31	21	25	40	31	15	21	32	42	43	42	45	39	29	35	38	33	28	45	47	32.9
Fayetteville	Maximum	54	59	61	55	50	49	42	45	67	66	53	51	41	51	49	54	42	50	58	65	70	68	69	65	60	59	60	59	59	57	73	56.8
	Minimum	32	45	44	28	29	34	30	23	35	32	27	30	22	25	38	28	16	25	33	44	39	45	45	42	32	39	40	33	26	45	46	33.9
Fayetteville Exp. S	Maximum	53	59	59	50	47	47	40	44	67	64	50	48	40	48	46	48	38	49	58	65	70	67	68	64	58	56	59	57	58	57	72	55.0
	Minimum	29	45	44	29	27	35	30	23	36	33	27	30	23	25	38	27	18	24	33	43	39	43	45	42	32	38	40	33	24	44	43	33.6
Fort Smith ***	Maximum	61	63	63	52	51	46	43	51	67	50	56	49	46	54	50	61	46	52	59	65	73	69	71	70	60	53	64	53	61	64	76	58.0
	Minimum	32	40	44	34	33	37	35	32	34	37	32	32	30	31	41	32	24	29	33	49	45	51	52	49	41	45	42	38	32	44	50	38.1
Gilbert §§	Maximum	56	63	75	48	53	38	39	51	74	46	57	50	45	56	48	62	44	54	61	71	72	68	68	62	59	56	64	54	62	64	75	57.9
	Minimum	17	33	49	32	18	22	33	27	22	33	24	29	23	17	22	29	17	15	17	30	31	31	34	32	24	25	33	36	20	30	45	27.4
Grannis	Maximum	58	67	77	68	57	50	42	52	66	60	60	53	47	52	48	68	53	54	54	61	74	72	67	69	60	54	62	55	60	66	76	60.1
	Minimum	26	37	56	30	28	35	32	28	25	28	37	37	26	28	37	35	25	24	29	43	40	46	48	48	37	36	35	40	28	34	48	35.0
Gravette §§	Maximum	58	59	61	45	50	50	43	46	68	60	51	49	40	51	47	50	42	52	59	68	71	69	68	64	59	55	60	56	60	62	75	56.4
	Minimum	29	32	39	27	26	34	30	18	30	35	23	29	21	23	38	23	17	22	31	38	40	44	46	38	31	36	37	31	20	34	42	31.1
Green Mountain	Maximum	48	59	71	59	46	43	38	48	67	68	53	50	44	51	50	59	46	49	55	66	68	65	65	63	55	52	59	57	58	60	69	56.2
	Minimum	24	37	57	30	26	31	33	26	34	32	29	33	24	26	39	34	16	22	33	40	49	42	49	38	29	36	39	38	30	44	46	34.4
Harrison	Maximum	52	65	65	51	48	44	38	45	69	60	54	47	42	54	46	55	41	50	63	68	70	63	68	64	58	53	62	54	63	59	75	56.3
	Minimum	27	39	50	30	21	32	30	23	29	33	29	32	24	21	40	35	17	19	32	41	38	35	41	40	30	32	41	36	26	44	45	32.6
Helena	Maximum	46	66	70	68	51	53	51	52	64	58	54	65	63	55	52	66	57	45	61	59	76	75	60	59	53	59	63	54	57	65	64	59.4
	Minimum	24	37	53	35	24	31	36	31	30	41	30	40	34	27	39	42	25	24	33	46	48	47	52	49	33	34	44	40	30	39	50	37.0
Highland	Maximum	56	63	76	68	58	50	42	54	64	58	59	62	50	52	49	68	60	50	54	59	73	71	62	68	63	54	63	59	59	66	78	60.3
	Minimum	29	42	58	38	32	38	39	32	30	47	30	40	32	31	43	33	30	28	32	48	44	53	50	48	41	40	40	44	33	40	53	39.3
Hope §§ ‡‡	Maximum	59	66	77	58	58	42	40	54	68	58	61	63	50	55	48	68	43	52	58	57	72	69	59	66	57	55	63	60	62	69	77	59.5
	Minimum	29	30	52	39	32	33	40	33	33	40	32	33	33	31	33	44	31	28	31	39	43	49	53	49	41	39	40	40	31	35	46	37.5
Hot Springs	Maximum	65	63	77	67	65	51	41	52	66	55	62	57	54	56	50	68	63	51	57	59	75	70	60	70	62	57	63	58	62	70	78	61.1
	Minimum	28	37	58	36	29	36	38	32	32	35	34	42	31	28	40	41	26	27	35	45	42	50	50	48	37	38	38	42	32	42	42	37 8

Daily Temperatures for March, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.....§§‡‡	Maximum	59	59	75	52	55	40	38	49	71	49	60	51	45	52	52	64	44	54	58	64	72	71	61	67	60	48	60	51	62	65	74	57.5
	Minimum	28	32	53	29	26	35	36	29	24	34	27	33	26	20	35	35	22	21	25	39	33	45	42	38	36	34	34	34	20	40	49	32.7
Jonesboro	Maximum	48	67	76	70	48	44	45	54	65	60	57	54	49	57	50	65	49	48	64	70	71	66	63	60	54	58	64	60	61	67	65	59.0
	Minimum	24	32	56	35	26	33	37	31	32	37	32	36	30	27	37	42	22	24	28	43	42	43	49	43	31	37	43	44	32	42	48	36.1
Lead Hill..........	Maximum	52	66	65	49	49	44	39	47	70	58	57	47	44	54	48	51	41	50	65	70	72	65	70	60	58	65	63	54	61	60	74	57.0
	Minimum	21	28	48	31	17	39	31	25	24	34	27	33	26	17	39	26	18	15	23	37	32	30	37	37	23	27	40	38	19	42	43	29.9
Little Rock..***	Maximum	49	65	76	51	49	42	42	52	68	52	56	58	46	51	47	64	42	46	59	62	71	65	56	64	54	56	60	54	58	66	72	56.5
	Minimum	32	40	51	36	32	36	35	35	33	39	31	39	34	32	41	36	26	30	37	47	45	51	50	49	37	40	42	41	36	42	54	39.0
Little Rock.....*** [Airway]	Maximum	49	66	77	54	49	42	43	53	68	50	59	61	48	51	47	65	44	46	59	61	73	67	57	65	54	57	62	56	58	66	74	57.5
	Minimum	29	35	50	35	29	36	35	35	33	37	30	38	33	29	41	36	26	29	31	46	40	50	51	47	37	38	42	40	36	40	53	37.6
Lutherville........	Maximum	51	58	70	60	53	46	40	56	63	56	54	53	45	50	46	64	47	48	55	67	72	68	67	66	59	56	61	56	58	64	73	57.5
	Minimum	28	35	54	32	30	33	36	37	29	36	27	35	27	26	38	36	20	26	29	46	42	48	49	55	34	40	37	40	28	43	47	36.2
Magnolia..........	Maximum	61	69	77	78	61	60	48	53	68	69	64	62	52	57	54	69	60	58	63	61	74	72	71	68	63	65	..	..	.	70	75	64.4
	Minimum	50	45	53	43	33	39	40	34	34	44	30	45	38	32	45	48	33	30	33	46	46	55	55	50	43	39	..	..	..	50	53	42.4
Mammoth Spring.	Maximum	47	63	72	59	47	43	39	53	68	61	55	52	46	55	50	62	50	49	63	70	71	69	69	65	70	64	66	56	61	68	69	59.1
	Minimum	24	28	58	33	19	32	35	30	25	34	31	30	26	19	38	33	18	18	26	35	37	41	42	41	34	28	41	40	24	40	47	32.5
Marianna	Maximum	49	67	72	70	50	48	46	50	63	60	55	65	58	56	52	62	57	47	61	62	73	70	63	60	56	60	63	57	58	65	65	59.4
	Minimum	25	36	54	35	26	35	37	29	39	42	30	34	34	24	38	42	25	25	32	42	46	46	50	49	33	34	43	40	30	35	48	36.7
Marked Tree....§§	Maximum	48	66	75	47	49	47	48	53	65	50	56	57	47	56	48	62	39	48	63	68	74	68	55	57	55	62	66	55	61	67	63	57.3
	Minimum	20	27	41	34	22	29	35	30	28	28	29	31	31	22	32	36	21	21	26	36	40	39	42	45	29	32	39	40	31	37	48	32.3
Mena..............	Maximum	60	58	75	65	57	47	40	49	72	53	61	50	44	53	46	64	50	54	59	62	72	71	65	68	60	51	62	53	64	68	74	58.9
	Minimum	27	44	55	30	30	35	34	30	34	36	29	38	28	27	38	34	24	26	30	44	38	51	47	43	39	40	36	42	28	42	51	36.5
Monticello......***	Maximum	54	69	75	59	53	46	42	53	67	54	60	64	50	56	49	67	61	50	64	53	72	62	67	64	57	64	62	63	61	69	71	59.9
	Minimum	28	43	57	38	31	39	36	33	31	37	30	45	36	31	41	41	29	29	32	46	46	55	55	49	41	39	45	39	32	39	53	39.5
Morrilton ....§§	Maximum	53	65	78	56	52	44	41	52	70	50	57	54	48	53	47	63	46	50	60	64	..	..	..	..	..	..	..	..	..	.	..	55.2
	Minimum	24	31	39	34	28	31	31	33	32	40	30	32	30	25	28	39	24	24	27	36	38	38	43	39	37	38	41	41	29	31	46	33.5
Mountain Home...	Maximum	52	64	70	53	48	45	39	50	71	57	55	47	45	55	48	60	44	50	62	73	72	69	70	67	58	56	64	52	61	62	73	57.8
	Minimum	26	32	51	32	24	32	34	26	27	33	28	32	26	20	40	35	17	20	27	39	40	39	45	41	29	33	41	38	25	43	46	32.9
Mt. Ida	Maximum	58	62	79	66	55	50	41	53	72	60	63	56	50	55	52	68	57	52	57	64	73	69	59	67	59	53	64	57	63	68	77	60.6
	Minimum	22	33	58	33	21	36	36	32	22	37	22	33	29	18	38	35	26	21	22	41	30	43	42	37	31	29	37	31	22	31	48	32.1
Nashville..........	Maximum	59	64	78	60	57	49	44	54	66	53	60	62	50	52	51	70	50	50	54	57	57	71	68	66	68	56	64	59	60	69	78	59.9
	Minimum	30	35	58	36	36	38	39	33	30	38	28	38	32	32	43	46	31	31	31	47	41	51	51	47	46	40	41	38	31	36	52	38.9
Newport..........	Maximum	50	65	72	70	51	47	44	55	66	61	57	55	53	55	50	65	50	48	61	70	74	67	66	65	60	58	65	60	62	68	68	59.9
	Minimum	27	36	59	36	27	34	37	34	29	39	31	32	31	24	40	37	23	25	27	44	28	43	51	47	32	36	46	41	30	43	49	36.1
Oden......... ..***	Maximum	58	61	76	55	56	43	39	49	71	49	59	51	44	52	46	62	45	53	57	63	72	69	60	69	59	49	60	51	62	65	74	57.4
	Minimum	25	38	45	31	26	35	32	30	26	35	28	34	28	21	38	35	26	22	26	42	33	46	45	31	37	34	36	33	25	34	50	33.1
Okay	Maximum	58	65	79	78	58	57	45	55	67	67	61	62	54	52	52	71	66	50	54	57	73	73	70	67	67	58	65	64	61	70	79	63.1
	Minimum	30	46	60	41	33	39	41	34	33	33	30	40	35	30	44	47	32	31	33	46	39	53	52	48	43	39	42	38	30	41	52	39.8
Ozark.............	Maximum	58	62	68	61	54	49	46	55	68	65	68	56	50	53	53	54	65	51	50	67	74	69	68	72	69	55	65	62	61	63	78	60.9
	Minimum	30	33	52	31	29	34	33	30	27	37	26	37	24	24	38	38	23	23	23	30	38	42	46	42	37	43	41	39	27	41	44	34.3
Paragould....... .	Maximum	47	65	72	68	46	44	46	52	61	62	53	52	46	53	44	63	63	43	61	67	69	70	63	57	54	57	62	57	57	64	64	57.5
	Minimum	23	30	56	35	24	35	36	30	28	37	32	30	31	24	37	42	20	22	25	40	37	41	49	44	31	36	43	43	33	37	48	34.8
Pine Bluff........	Maximum	54	68	76	69	53	48	44	55	69	59	61	66	55	54	49	67	57	50	62	58	74	70	62	64	59	60	63	60	60	70	73	60.9
	Minimum	29	41	58	38	32	38	39	34	34	44	33	40	36	30	42	44	29	29	32	46	48	52	54	53	39	37	44	41	34	41	53	40.1
Pocahontas.......	Maximum	46	63	78	71	48	45	43	55	65	63	57	54	50	55	53	65	63	45	61	70	72	68	65	60	57	60	64	62	52	66	67	59.5
	Minimum	22	38	56	35	23	32	35	30	26	36	32	29	30	25	38	36	19	20	24	38	45	41	49	42	29	35	43	41	32	37	48	34.4
Portland	Maximum	56	70	77	72	54	52	47	55	65	60	61	67	55	54	53	68	59	47	64	59	70	63	72	67	58	63	62	65	61	70	72	61.9
	Minimum	23	35	54	42	28	37	40	30	28	45	35	46	36	26	39	44	28	26	27	42	43	50	52	51	38	32	45	40	35	35	53	38.2
Prescott...........	Maximum	60	66	78	74	58	56	43	55	68	63	61	65	58	56	55	69	68	53	61	59	74	74	70	67	66	58	64	63	63	70	77	63.6
	Minimum	29	40	60	40	32	38	40	34	33	44	31	41	34	31	44	45	31	30	33	47	46	54	53	53	42	39	41	43	34	38	54	40.5
Rogers	Maximum	56	60	61	45	49	43	37	43	68	60	52	45	40	52	48	52	38	52	61	65	70	68	68	60	59	55	60	50	59	59	72	55.1
	Minimum	29	41	41	28	25	33	29	21	32	33	25	29	22	25	40	27	16	22	30	40	43	43	45	40	31	38	38	32	27	43	44	32.6
Russellville......‡‡	Maximum	53	61	71	67	55	50	44	54	70	59	57	56	52	54	53	65	49	50	59	70	75	75	65	70	68	58	65	64	61	67	75	61.0
	Minimum	28	31	56	35	26	34	28	33	28	39	30	33	29	26	40	39	24	26	26	45	37	41	44	40	36	40	38	39	28	39	48	35.4
St. Charles ......§§	Maximum	56	68	73	51	53	45	45	55	64	52	56	66	49	56	51	63	40	49	63	62	74	59	62	60	55	62	64	60	60	68	70	58.4
	Minimum	25	30	55	38	27	36	38	35	31	48	32	38	36	27	33	41	27	27	30	44	49	50	51	53	36	37	49	40	34	38	52	38.3
Searcy	Maximum	51	66	76	68	51	45	44	56	67	61	57	56	51	57	47	67	45	52	62	68	74	69	61	65	59	58	66	60	63	67	72	60.0
	Minimum	24	31	56	36	27	34	32	33	30	39	30	32	31	27	37	37	24	26	27	43	42	48	50	47	34	38	43	44	31	38	50	36.2
Stuttgart	Maximum	49	68	75	67	52	45	44	53	66	55	57	65	55	54	50	64	55	47	61	60	74	69	62	63	57	60	63	60	58	68	72	59.6
	Minimum	26	37	56	37	29	37	38	35	30	43	30	38	35	28	41	43	27	27	32	46	46	51	52	52	36	37	44	39	30	38	52	38.5
Stuttgart . ....‡‡§§	Maximum	50	67	74	52	52	44	44	51	64	51	52	64	48	54	48	62	41	48	62	60	73	70	62	63	54	60	62	58	58	66	76	57.7
	Minimum	27	32	46	37	29	34	38	35	31	43	30	38	35	28	36	42	27	27	30	38	46	48	50	53	37	36	43	39	30	37	42	36.9
Subiaco	Maximum	55	63	67	62	51	49	42	50	67	64	52	54	46	54	52	62	54	53	58	70	75	70	68	70	65	55	64	61	61	64	75	59.8
	Minimum	29	33	59	32	29	34	33	31	30	36	31	39	28	28	39	39	23	28	28	40	41	47	46	46	36	40	40	41	32	41	47	36.3
Texarkana	Maximum	62	66	80	72	61	56	43	55	71	66	63	63	53	53	52	68	66	50	58	59	72	71	67	68	63	54	64	64	64	71	79	63.0
	Minimum	32	47	61	41	35	40	38	33	34	42	31	46	34	34	48	48	33	32	35	46	44	44	55	49	44	40	42	43	35	43	53	41.4
Thornburg	Maximum	54	64	77	62	53	44	41	44	67	58	57	58	48	55	49	65	48	51	58	64	74	67	52	67	58	55	62	55	61	66	79	58.5
	Minimum	25	41	40	32	18	34	36	31	26	34	30	29	28	17	39	40	23	18	24	39	29	39	35	34	34	28	37	31	22	28	49	31.3
Turnpike..........	Maximum	46	53	66	59	46	40	34	48	68	55	51	50	49	48	42	58	38	47	52	64	69	64	62	60	57	51	60	53	55	61	71	54.0
	Minimum	25	37	51	26	26	30	29	24	33	30	27	34	23	26	33	34	14	21	31	44	46	42	45	41	29	36	37	36	29	40	45	33.0
Waldron	Maximum	..	62	68	73	61	56	44	50	73	65	..	60	46	56	..	63	55	55	60	68	74	72	68	..	71	60	63	62	65	66	72	62.5
	Minimum	..	35	47	30	25	36	32	30	26	36	..	28	41	23	..	39	23	24	28	42	34	44	41	..	39	38	35	36	34	36	45	34.3
Warren	Maximum	57	70	75	73	57	54	47	53	60	65	61	65	56	55	52	71	50	51	65	62	73	71	69	64	61	65	61	65	62	69	71	62.3
	Minimum	30	42	41	43	35	43	40	34	41	46	35	33	36	30	45	47	30	29	31	52	49	54	56	54	42	36	46	42	34	38	54	40.9
White Rock	Maximum	47	52	65	54	44	41	38	45	63	60	52	46	39	45	43	56	47	49	51	60	67	68	67	66	56	52	61	55	52	55	70	53.7
	Minimum	26	41	51	25	27	30	27	23	33	29	27	30	21	27	33	36	14	24	31	42	49	62	46	44	32	38	38	32	29	40	45	33.9
Wilson	Maximum	50	66	74	69	50	50	54	53	65	62	56	56	51	56	54	61	59	47	56	69	68	65	61	56	56	61	60	61	62	65	60	59.1
	Minimum	19	32	55	33	20	30	30	30	35	39	27	32	30	23	33	42	19	21	32	42	43	44	50	40	29	31	32	30	28	38	40	33.2
Wynne	Maximum	50	65	75	74	48	47	47	53	65	64	57	55	57	56	55	64	64	47	63	65	73	71	62	60	59	60	64	63	59	66	64	60.4
	Minimum	26	35	56	36	27	35	37	34	33	47	31	35	34	25	39	42	24	25	29	24	38	43	49	49	32	35	43	40	29	41	50	36.2

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.120	.017	.193	.256	.150	.253	..	.053	.118	.168	.183	.177	.121	.181	.120	.032	.226	.102	.109	.109	.071	.240	.203	.056	.160	.202	.081	.137	.242	.161	.249	4.640
	Mean tem.	44	48	64	48	45	38	40	44	50	49	46	48	42	43	40	56	37	40	44	48	58	59	56	58	49	47	52	50	46	52	62	48.5
	Wind move	31	60	113	98	52	73	91	65	64	61	106	35	80	61	36	21	91	51	27	23	49	72	50	33	75	80	57	34	81	34	69	1873
Irons Fork,.. §§ Exp. Forest	Evap.	.090	.094	.001	.144	.086	.064	.011	.001	.068	.089	.081	.121	.020	.066	.076	.000	.130	.070	.089	.048	.049	.126	.093	.031	.116	.130	.023	.087	.119	136	.085	2.344
	Mean tem.	44	46	64	42	42	38	37	39	48	42	44	42	36	36	44	50	33	38	42	52	52	58	52	52	48	41	47	42	41	52	61	45.1
	Wind move	29	52	63	34	19	31	13	18	19	23	32	21	21	18	44	5	16	13	17	15	4	11	6	2	14	15	7	19	26	33	29	669
Russellville,... Ozark Nursery.	Evap.	.092	.092	.070	.174	.100	.098	.016	.090	.118	.124	.126	.100	.089	.103	.072	.106	138	.004	.188	.002	.240	.112	.064	.112	.198	.122	071	.177	.141	.131	.034	3.304
	Mean tem.	40	46	64	51	40	42	41	44	49	49	44	44	40	40	42	52	46	38	42	58	56	58	54	55	52	49	52	52	44	53	62	48.2
	Wind move	18	9	8	26	80	42	43	88	15	82	68	22	62	28	33	52	59	43	9	18	24	28	3	21	56	17	38	38	26	22	21	1099
Stuttgart, ...§§ Rice Exp. Farm	Evap.	*	.158	.100	.139	*	.162	.006	.010	*	.203	*	.162	.148	*	.192	.078	*	*	.191	.114	.073	216	.089	.015	.123	.126	.111	.105	.156	.109	.156	2.942
	Mean tem.	38	50	60	44	40	39	41	43	48	47	41	51	42	41	42	52	34	38	46	49	60	59	56	58	46	48	52	48	44	52	59	47.3
	Wind move	41	70	211	124	43	87	89	89	68	87	125	46	69	52	40	43	91	41	35	30	32	92	57	32	105	68	39	40	84	26	120	2176

Daily Precipitation for March, 1941 Hydrologic Stations

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alicia[1] ‡	White						.29	.02								.33								.10							.09	.39	1.22
Antoine(near)[2]	Ouachita															.30	.40		.11						1.12		.85						2.78
Beaty Lake(near)	St. Francis				.09		.36		.10							.42								.33								.28	1.58
Beedeville[2]	White						.26	.04								.11	.25							.05								.34	1.05
Blue Mountain[2]	Arkansas						.60		.10							*	.60																1.30
Briggsville[1] ‡	Arkansas						.51	.18	.02							.53	.01										.25	.12					1.62
Cabot[2]	Arkansas						.30	.20								*	.82								.20			.10					1.62
Carlisle[2]	Arkansas						.60	.20	.12							.11	.58								.39			.02				.08	2.10
Carpenter Dam[1]	Ouachita						.85	.25	.03							.30								.25			.06	.18			.05		1.97
Clarksville[1] ‡	Arkansas	*	*	*	*	*	*	*	.67		.05					.09															.05		0.86
Clay SCS[2]	Arkansas						.38									.31																.38	1.07
Compton[1] ‡	White						.11	.05			.06			.02																			0.24
Denmark[2]	White						.30	.01								.26	.12							.02								.37	1.08
Dermott[2]	Mississippi						.02	2.60	.60	.01							.47					.62		.03	.22			.13				.27	4.97
Eleven Point[2]	White						.32	.02				.13		.11		.09	.06															.53	1.26
Evening Shade[2]	White						.29	.07			.01	.01		.02		.13	.01															.23	0.77
Foreman[1] ‡	Red						2.44	.46								.45					.03			.77							.24		4.39
Green Forest[2]	White							1.30						.50						.40	.20					.30							2.70
Greenwood[2]	Arkansas						.42		.07		.08					.20	.02				.02											.03	0.84
Hardy[1] ‡	White						.28				.11					.12															.03	.30	0.84
Harrisburg[2]	St. Francis																																
Huntsville[2] ‡	White						.15	.17			.13			.05																			0.50
Jacksonville[2]	Arkansas						.47	.26								*	.89											.12				.07	1.81
LaCrosse[2]	White						.29	.03			.02					.14																.15	0.63
Lake City[2]	St. Francis						.14					.15				*	.48							.17	.10							.40	1.44
Marvell[2]	White																																
Mountain View[2]	White						.29					.07		.01		.15																.06	0.58
Newhope(near)[2]	Ouachita						.70	.39									.65					.02			.40			.24				.40	2.80
Nimrod[2] ‡	Arkansas						.68	.06								.59	.05										.29	.09			.05	.02	1.83
Odell (near)	Arkansas						.18		.06		.06		.01			.14					.01												0.46
Parthenon[2] ‡	White					.02	.18				.10																						0.30
Pottsville[2]	Arkansas															.50									.15								0.65
St. Paul[2]	White						.60	.04	.02		.06		.02			.20	.04																0.98
Shirley[2]	White						.47	.12								.23																	0.82
Solgahachie[2]	Arkansas																																
Sparkman[2]	Ouachita						.20	2.90	.29							.03	.32				.02				.87							.43	5.06
Tichnor[2]	White							1.72	.27		.01					.10	.61					.06			.58			.02				.30	3.67
Vick[2]	Ouachita							3.70	.60								.23						.30									.20	5.03
Wheeling[1] ‡	White																																
Winfrey[1] ‡	Arkansas					.27	.10	.05		.03	.14					.26																.03	0.88

Daily River Stages for March, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	9.6	9.0	8.4	8.3	7.8	7.4	7.3	7.7	7.6	7.6	7.4	7.3	7.3	7.0	7.0	7.0	7.0	7.0	7.3	7.0	6.9	6.8	6.6	6.0	6.0	6.0	6.0	5.6	5.6	5.6	5.7
Van Buren	do	22	9.4	8.7	8.2	7.7	7.4	7.0	6.9	6.9	7.0	7.0	7.0	6.7	6.7	6.3	6.1	6.1	6.1	6.0	6.2	6.2	5.9	5.7	5.4	5.0	4.9	4.6	4.6	4.3	4.3	4.1	4.2
Mulberry	Mulberry	18	2.6	2.6	2.5	2.4	2.2	2.2	2.3	2.2	2.1	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
Danville	Petit Jean	20	14.2	12.9	10.7	9.7	8.6	7.8	12.6	14.2	12.9	11.2	10.3	9.0	8.0	7.3	6.8	8.4	10.3	8.6	7.2	6.8	5.7	6.2	6.2	5.6	5.4	5.1	5.0	4.7	4.5	4.4	4.2
Ozark	Arkansas	22	5.6	4.9	4.3	3.9	3.4	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.7	2.4	2.2	2.4	2.4	2.4	2.4	2.4	2.3	2.0	1.8	1.5	1.2	1.1	1.0	1.0	1.0	0.9
Dardanelle	do	22	9.6	9.0	8.3	7.6	7.1	6.8	6.8	6.6	6.4	6.4	6.3	6.2	6.0	5.8	5.6	5.4	5.3	5.3	5.2	5.2	5.2	5.0	4.9	4.7	4.6	4.1	3.9	3.7	3.6	3.4	3.3
Morrilton	do	20	7.6	7.0	6.2	5.4	4.6	4.0	4.0	3.7	3.5	3.4	3.3	3.1	2.9	2.6	2.3	2.1	2.0	1.9	1.8	1.6	1.6	1.5	1.3	1.1	0.9	0.5	0.2	0.0	-0.2	-0.4	-0.5
Little Rock	do	23	8.6	8.2	7.6	6.9	6.2	5.6	5.2	5.2	5.1	4.9	4.7	4.6	4.4	4.2	3.9	3.7	3.7	3.6	3.5	3.4	3.2	3.2	3.1	2.9	2.8	2.5	2.2	2.0	1.8	1.7	1.5
Pine Bluff	do	25	11.6	11.1	11.0	10.6	10.1	9.5	8.9	8.6	8.5	8.4	8.2	8.1	7.8	7.6	7.1	7.0	6.8	6.6	6.6	6.5	6.4	6.2	6.1	6.1	5.9	5.7	5.5	5.2	4.9	4.8	4.7
Gilbert	Buffalo	30	4.9	4.8	4.8	4.8	4.8	4.7	4.9	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.5
Doniphan, Mo.	Current	10	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4
Black Rock	Black	14	2.6	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.8
Heber Springs	Little Red	30	7.4	7.1	6.9	6.4	6.3	6.0	6.1	6.2	6.2	6.0	5.9	5.7	5.5	5.3	5.2	5.2	5.1	5.0	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.9
OzarkBeachMo	White	30	3.0	4.4	3.0	3.1	2.6	2.4	1.9	1.6	1.0	4.3	1.0	1.8	0.8	1.6	1.2	1.4	0.2	1.2	1.7	1.0	1.4	1.2	1.0	1.2	0.2	0.4	0.0	0.4	-0.6	-0.6	-0.6
Cotter	do	21	4.3	4.1	4.4	4.5	4.4	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.1	4.1	3.9	3.9	3.9	3.6	3.5	3.3	3.3	3.6	3.4	3.5	3.5	3.4	2.4
Calico Rock	do	18	3.7	3.3	4.1	4.4	4.1	4.1	4.0	3.6	3.6	3.0	2.9	4.0	3.2	3.1	2.9	3.0	2.8	2.7	2.7	2.7	2.6	2.5	4.5	2.5	2.4	2.4	2.3	2.2	2.3	2.2	2.2
Batesville	do	23	8.1	8.4	7.8	8.4	8.6	8.4	8.4	8.4	8.2	8.1	7.3	7.3	8.2	7.8	7.4	7.5	7.5	7.3	6.7	7.0	7.2	7.0	6.7	6.8	5.5	6.2	6.5	6.5	6.3	6.3	6.3
Newport	do	26	4.4	4.4	4.4	4.2	4.5	4.5	4.4	4.4	4.2	4.0	3.9	3.3	3.3	3.8	3.5	3.4	3.4	3.2	3.0	2.8	2.8	2.8	2.7	2.7	2.6	2.3	2.0	2.1	2.0	2.0	1.9
Georgetown	do	21	8.9	8.7	8.5	8.3	8.0	7.9	7.8	7.7	7.6	7.5	7.3	7.0	6.7	6.3	6.1	6.0	6.0	5.9	5.7	5.5	5.2	5.0	4.8	4.7	4.5	4.4	4.2	4.0	3.8	3.7	3.6
Des Arc	do	24	12.2	12.1	12.0	11.8	11.5	11.3	11.1	10.9	10.7	10.5	10.4	10.1	9.7	9.2	9.1	9.0	8.8	8.7	8.5	8.4	8.1	7.8	7.6	7.5	7.4	7.1	7.0	7.0	6.9	6.8	6.6
Clarendon	do	26	17.3	17.3	17.3	17.1	16.9	16.7	16.5	16.4	16.2	16.0	15.7	15.5	15.2	14.8	14.4	14.2	14.1	13.9	13.7	13.5	13.3	13.1	12.8	12.7	12.7	12.5	12.3	12.0	11.8	11.6	11.4
St. Charles	do	25	16.7	16.7	16.6	16.6	16.5	16.3	16.2	16.0	15.9	15.7	15.5	15.3	15.0	14.8	14.3	14.1	13.9	13.7	13.6	13.4	13.2	13.0	12.8	12.6	12.6	12.5	12.4	12.2	11.9	11.7	11.5
Glenwood	Caddo	..	5.8	5.8	5.6	5.6	5.6	5.7	5.9	5.9	5.9	5.8	5.7	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.3
Arkadelphia	Ouachita	17	8.8	8.6	8.0	8.2	8.1	8.1	12.5	10.1	9.4	8.6	8.7	8.4	8.3	8.2	8.0	8.5	7.7	8.0	8.0	7.9	7.8	7.8	7.6	7.3	7.9	7.7	7.7	7.7	6.4	5.5	4.9
Boughton	Little Mo.	20	11.4	9.7	8.9	8.4	7.9	7.6	14.9	17.0	17.7	16.3	13.2	10.3	8.9	8.2	7.8	7.8	8.5	8.3	7.3	6.9	6.7	6.5	6.4	7.1	8.4	7.4	6.6	6.3	6.1	6.0	5.8
Camden	Ouachita	26	18.2	20.3	19.4	18.1	16.4	14.9	17.6	23.8	27.6	28.7	29.5	29.4	28.6	28.1	25.3	22.8	20.5	19.2	18.0	17.1	16.1	15.0	14.1	13.4	13.0	13.6	12.3	11.8	11.0	10.2	9.5
Benton	Saline	20	8.6	8.1	7.5	7.3	7.0	6.8	9.2	9.0	8.4	7.9	7.5	7.2	6.8	6.6	6.4	6.8	7.1	6.8	6.6	6.4	6.3	6.2	6.0	6.2	6.0	6.0	5.8	5.8	5.8	5.7	5.7
Whitecliffs	Little River	25	18.0	16.2	14.8	12.4	10.3	8.9	15.0	18.0	17.5	17.0	14.9	12.0	10.9	8.0	6.0	6.0	5.9	6.4	6.2	6.0	5.6	5.0	5.0	6.0	7.0	6.5	5.7	5.0	4.6	4.2	4.0
Index	Red	25	14.8	14.4	13.8	12.0	11.0	11.9	13.3	14.4	14.4	13.7	12.8	11.8	10.8	10.4	10.0	9.8	9.6	9.4	9.3	9.1	9.0	8.8	8.7	8.6	8.6	9.0	9.0	8.8	8.7	8.5	8.2
Fulton	do	25	16.3	16.2	15.4	14.2	13.0	13.0	13.8	15.4	16.0	15.7	14.2	13.5	12.2	10.0	10.2	9.7	9.5	9.4	9.1	8.8	8.4	8.1	8.0	8.4	8.8	8.9	8.6	8.3	8.0	7.7	7.6
Big Lake Outlet	St. Francis	10	5.1	5.0	4.8	4.9	4.9	4.8	4.8	4.8	4.7	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.1
St. Francis	do	18	5.4	5.3	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.7	4.6	4.4	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1
St. Francis L.L.	do	..	19.2	19.1	19.1	19.1	19.0	18.7	18.5	18.4	18.5	18.8	18.6	18.5	18.9	19.1	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.1	19.1	19.1
Marked Tree	do	17	5.9	5.9	5.8	5.8	5.8	6.4	6.4	5.3	5.8	5.7	5.7	5.7	4.5	4.4	4.3	4.3	4.4	4.3	4.3	4.3	4.2	4.3	4.4	4.3	4.3	3.9	3.9	4.0	4.1	4.1	4.1
Parkin	do	28	5.7	5.6	5.6	5.7	5.6	5.5	5.8	5.8	5.7	5.4	5.2	5.2	5.1	4.6	4.3	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.7	3.9	4.0	4.0
Madison	do	32	4.4	4.3	4.2	4.0	4.0	3.9	3.8	3.7	3.7	3.7	3.4	3.3	3.2	3.0	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.3	2.4	2.4
Helena	Mississippi	42	8.9	8.1	8.0	7.8	7.4	6.9	6.4	6.1	5.9	5.9	6.1	6.5	7.2	7.9	8.9	10.1	10.9	11.8	12.7	13.7	14.7	15.7	16.4	16.8	16.8	16.4	15.8	15.1	14.2	13.4	13.1
Arkansas City	do	42	10.2	9.3	8.6	8.1	7.7	7.3	6.9	6.3	5.8	5.4	5.1	5.0	5.1	5.4	5.8	6.4	7.0	7.9	8.5	9.2	10.0	10.7	11.4	12.0	12.5	12.6	12.4	12.0	11.5	10.8	10.2

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 4-28-41-1150

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVI LITTLE ROCK, ARK., APRIL, 1941 No. 4

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The month was somewhat warmer than normal, being the warmest April since 1932. The monthly mean temperature for the State, based on reports from 77 stations, was 63.7°, which is 2.2° above the average for the past 51 years. Temperatures at individual stations ranged from +5.2° at Gravette to —0.6° at Crossett. All stations except Crossett were warmer than normal. The highest monthly mean temperature was 67.1° at Magnolia and the lowest was 59.6° at Devils Knob. The highest temperature reported during the month was 94° at Camden on the 13th; the lowest was 32° at Gilbert on the 1st and 6th. Six stations reported temperatures of 90° or higher during the month, but the freezing point was reached only at Gilbert. The highest temperatures were recorded on the 12th or 13th at most stations, while the coldest weather occurred generally on the 1st or 6th. No killing frost was observed during the month.

The total precipitation for the State during April, based on the reports of 108 stations, was 5.04 inches, which is 0.14 inch above normal. While this total was close to average for the State as a whole, amounts varied considerably in different sections of the State. The heaviest rains occurred in the western and southern sections, the least in the north-central and northeastern counties. The greatest monthly amount reported from an individual station was 10.49 inches at Gravette and the least was 1.92 inches at Gilbert. Twenty eight stations received over six inches of rain; seventeen measured less than three inches. The greatest rainfall in 24 hours was 4.96 inches at Bentonville on the 15th-16th. Considering all sections of the State, there were ten days with a measureable amount of precipitation. Sunshine amounted to 57% of the possible amount.

Heavy to excessive rains in northwestern Arkansas, Oklahoma and southern Missouri from the 15th to 18th, and in southwestern Arkansas on the 23d and 24th, resulted in flood stages on the Arkansas, Ouachita and White Rivers. Two girls were drowned in flood waters near Rogers when a bridge approach gave way. These floods caused a loss of at least $100,000, mostly to farm land and crops, and to roads. About half of this loss was sustained in the Fort Smith area and northwestern counties.

At 8:45 p. m. April 18th, a tornado was first reported about four miles southeast of War Eagle, Benton County. It traveled northeastward and was next reported near Grandview, Carroll County, 25 miles distant. The path of the storm was from one-eighth to one-fourth mile wide. At War Eagle a residence, some out buildings and orchards were damaged. The wind was more destructive near Grandview. Several chicken brooder houses were demolished and 2700 chickens killed. A stone residence and store were completely demolished and a considerable number of other buildings sustained varying amounts of damage. A man was injured seriously when the wind damaged his home. High winds and lightning destroyed several buildings near Berryville, Carroll County, on the morning of the 18th. It is estimated that these two windstorms caused property damage of at least $10,000.

On April 3d, a severe hail storm caused moderate damage to gardens and roofs in Perry and surrounding counties. Some of the hail stones were one inch in diameter.

B. N. W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	29.98	30.42	26	29.46	3	8.0	24	s.	13	..	..	..	58
Fort Smith..	29.93	30.34	26	29.48	3	8.8	26	e.	17	73	54	50	49
Little Rock..	30.00	30.41	26	29.48	3	8.1	27	w.	7	84	59	65	62
Memphis	30.00	30.39	26	29.50	3	7.7	21	sw.	4†	78	48	52	61

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog.	4	1	1	1	..	..	1	1	..	..	..	..	..	1	3	2	1	..	2	..	..	..	3	..	..	..	..	..	..	2
Light hail	..	4	6	..	..	..	1	1	..	..	..	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Moderate hail .	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm .	..	15	18	7	..	1	12	1	..	..	..	1	1	16	17	6	6	15	20	2	..	4	3	..	..	..	1	..	..	1

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	93	22	2.75		8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	3.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.63	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5.54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	95	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0.0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59.3	91	19	7.13	T.	8	13	8	9
1940	59.9	95	18	6.93	T	10	11	7	12
1941	63.7	94	32	5.04	0.0	10	10	10	10
Period	61.5	99	17	4.90	T.	8	13	8	9

Climatological Data for April, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	63.0	......	86	12	42	6	39	3.68	......	0.97	0.0	12	0	17	13	w.	L. R. Water Works
Arkadelphia	Clark	200	45	64.4	......	87	13	45	16	39	7.28	+2.41	3.58	0.0	11	13	7	10	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	3.88	−1.32	1.65	0.0	8	5	20	5	......	George W. Reitzammer
Batesville Airway	Independence	363	4	63.2	+ 4.4	86	11§	40	6	38	2.60	......	0.83	0.0	10	1	17	12	se.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	3.27	−1.48	1.60	0.0	8	15	5	10	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	62.8	+ 1.8	84	12§	40	6	37	4.45	−0.40	1.20	0.0	10	13	5	12	w.	J. E. Scanlan
Benton	Saline	285	5	62.0	......	88	12	40	1§	42	5.96	......	2.21	0.0	11	19	4	7	se.	S. A. Burks
Bentonville	Benton	1295	35	61.0	+ 3.4	86	12	40	20	34	8.80	+4.45	4.96	0.0	14	3	14	13	s.	U. S. Weather Bureau
Bethesda	Independence	500	1	63.0	......	86	12	38	1§	42	2.12	......	0.66	0.0	7	11	14	5	se.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	3.63	......	1.45	0.0	8	10	6	14	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	4.11	−0.91	1.59	0.0	9	18	1	11	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	64.4	+ 2.8	90	11§	41	6	38	2.86	−1.70	1.40	0.0	6	10	12	8	s.	Samuel Norris
Booneville (near)	Logan	465	26	63.6	+ 1.4	87	12	40	1§	43	4.36	+0.06	1.03	0.0	11	7	15	8	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	5.49	......	3.30	0.0	8	12	8	10	......	Ruby A. Buie
Brinkley	Monroe	205	49	64.8	+ 2.8	86	12	42	6	37	4.67	−0.79	1.07	0.0	8	11	12	7	sw.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	2.25	−2.11	0.58	0.0	10	13	4	13	......	William Jones
Camden	Ouachita	116	55	66.4	+ 3.0	94	13	43	21	40	6.09	+1.31	1.67	0.0	9	10	7	13	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	5.44	+0.13	1.64	0.0	13	15	4	11	sw.	R. M. Wheatley
Clinton	Van Buren	516	19	......	......	......	......	......	......	......	4.47	+0.01	1.45	0.0	10	18	5	7	......	Doyle G. Love
Clover Bend	Lawrence	235	..	61.8	.. ...	88	11§	38	1	41	3.59	......	1.41	0.0	5	7	18	5	se.	Farm Security Adm.
Conway	Faulkner	309	57	64.0	+ 1.9	87	13	43	6	34	4.37	−0.68	2.30	0.0	10	11	14	5	s.	E. E. Cordrey
Corning	Clay	293	47	64.5	+ 4.5	90	12	40	26	38	2.38	−2.72	1.33	0.0	8	14	8	8	ne.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	2.52	−1.29	0.68	0.0	5	14	8	8	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	64.2	− 0.6	87	12	43	1	40	2.99	−2.70	1.00	0.0	5	15	6	9	s.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	3.67	−0.70	0.88	0.0	12	2	20	8	......	J. M. Patterson
Dardanelle	Yell	330	54	65.6	+ 3.3	89	12	44	1	40	3.44	−0.71	1.10	0.0	10	3	20	7	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	64.6	......	84	16§	39	5	36	6.93	......	2.32	0.0	13	6	18	6	se.	W. A. Douthit
Des Arc	Prairie	204	2	65.4	......	88	12	42	8	37	4.53	......	1.59	0.0	9	3	9	18	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	59.6	......	82	12	35	20	28	4.11	......	1.03	0.0	10	12	3	15	se.	U. S. Forest Service
Dumas	Desha	162	35	65.7	+ 2.1	90	12	43	6	37	5.34	+0.54	2.01	0.0	9	9	11	9	s.	Ben Johnson
El Dorado	Union	270	40	66.8	+ 2.0	86	13	45	5	33	4.98	−0.25	1.54	0.0	6	15	7	8	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	64.6	+ 2.1	86	12	43	6	40	5.63	+0.06	1.65	0.0	8	9	16	5	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	62.4	+ 3.4	86	12	39	4	39	7.58	+2.66	2.62	0.0	9	11	13	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	62.0	......	86	12	39	4	38	7.85	......	2.91	0.0	10	2	10	18	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	61.6	+ 3.2	85	12	39	4	37	8.57	+3.97	1.06	0.0	10	5	19	6	se.	University of Arkansas
Fort Smith	Sebastian	448	59	64.4	+ 2.6	86	11	42	4	33	4.52	+0.58	1.94	0.0	13	3	15	12	e.	U. S. Weather Bureau
Fort Smith Wtr. P. †	Crawford	793	3	......	......	......	......	......	......	......	4.67	......	1.58	0.0	10	7	8	15	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	8.11	+3.44	3.89	0.0	12	11	5	14	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	4.35	−0.86	1.55	0.0	8	17	3	10	......	C. G. Long
Gilbert	Searcy	600	15	60.0	......	87	12	32	1§	52	1.92	−3.19	0.60	0.0	7	16	3	11	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	5.50	......	2.05	0.0	9	14	4	12	......	Chas. A. Price
Grannis	Polk	950	21	62.4	+ 2.0	82	10§	36	5	38	6.42	+0.12	2.13	0.0	11	9	7	14	s.	W. E. McVay
Gravette	Benton	1250	43	62.4	+ 5.2	87	12	37	9§	41	10.49	+5.93	4.33	0.0	10	7	19	4	sw.	Julius A. Schmidt
Green Mountain	Stone	1100	3	60.6^{k}	......	83^{h}	12	40^{e}	22	30^{e}	2.77	......	0.60	0.0	10	12^{h}	2^{h}	8^{h}	se.	U. S. Forest Service
Harrison	Boone	1052	40	61.5	+ 4.0	89	12	35	6	44	3.27	−1.67	1.01	0.0	11	16	6	8	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	3.56	......	0.95	0.0	9	14	7	9	......	Lester B. Logan
Helena	Phillips	300	68	64.8	+ 2.1	90	12	43	6	32	5.92	+0.82	2.68	0.0	7	14	8	8	se.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	2.96	−1.94	0.83	0.0	7	9	14	7	s.	Otto Murphree
Highland	Pike	491	21	64.5	+ 2.0	82	10§	42	5	32	8.18	+4.04	1.98	0.0	12	5	17	8	se.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	64.2	+ 0.2	84	17	43	5	34	8.24	+3.25	3.70	0.0	10	11	13	6	se.	Experiment Farm
Hot Springs	Garland	600	49	65.6	+ 2.8	88	12	42	7	37	3.64	−2.35	1.23	0.0	10	13	8	9	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	7.95	+3.77	4.00	0.0	9	14	2	14	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	2	61.0	......	84	13	37	4	41	7.63	....	2.23	0.0	14	10	10	10	s.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	4.97	−0.69	1.38	0.0	11	3	20	7	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	64.6	+ 3.2	89	11	44	6	36	3.53	−1.26	1.09	0.0	9	2	15	13	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	60.2^{b}	+ 0.8	86^{e}	11	33	1§	48^{e}	2.24	−1.70	0.55	0.0	9	11	10	9	s.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	64.7	+ 2.6	85	12	47	20	31	4.97	−0.22	1.16	0.0	11	4	9	17	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	63.6	......	85	12	46	6§	34	5.53	.....	1.35	0.0	10	4	7	19	se.	W. B. Airport Station
Lutherville †	Johnson	775	42	62.4	+ 2.1	86	12	39	20	35	5.35	+0.51	1.23	0.0	9	11	6	13	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	4.60	+0.92	1.60	0.0	7	2	7	21	......	J. W. Eppes
Magnolia	Columbia	315	24	67.1	+ 2.5	87	12	44	5	33	6.58	+1.74	2.80	0.0	6	2	23	5	se.	State Agri. School
Mammoth Spring	Fulton	600	36	62.6^{a}	+ 3.4	88^{e}	12	36	6	40^{e}	2.88	−1.98	1.03	0.0	8	10	12	8	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	64.0	+ 1.7	85	12	42	6	36	4.50	−0.05	1.20	0.0	6	8	15	7	s.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	62.1	+ 0.9	87	12§	40	6	39	4.76	−0.22	1.99	0.0	6	18	11	1	s.	Charles Walton
Mena	Polk	1207	52	63.6	+ 2.1	85	12	40	4	36	7.13	+1.42	2.20	0.0	13	9	10	11	sw.	E. W. St. John
Monticello Airway	Drew	273	4	65.6	......	86	12	47	6	31	4.43	.....	1.44	0.0	8	6	10	14	s.	Airway Observer
Morrilton	Conway	315	21	62.6^{a}	+ 0.4	86^{a}	13	41	1	41^{a}	2.97	−1.25	0.90	0.0	10	4	14	12	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	5.68	......	1.39	0.0	10	18	3	9	sw.	C. A. Lovell
Mountain Home	Baxter	800	28	62.4	+ 3.5	87	12	40	1§	40	2.55	−2.14	0.45	0.0	9	13	3	14	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	4.71	......	1.35	0.0	10	15	4	11	se.	J. G. Scott
Mount Ida	Montgomery	702	41	62.9	+ 1.7	85	11§	35	6	46	5.29	−0.60	1.14	0.0	12	8	8	14	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	4.18	......	1.15	0.0	13	8	16	6	se.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	5.41	......	1.78	0.0	12	7	9	14	......	Clifton Ward
Nashville	Howard	350	2	65.2	......	83	11§	42	5	33	8.31	......	1.99	0.0	5	13	10	7	s.	H. B. Carruth
Newport	Jackson	231	57	64.8	+ 2.8	88	11§	41	6	39	4.30	−0.68	1.72	0.0	9	12	11	7	n.	J. D. Henderson
Oden	Montgomery	800	13	62.2	......	83	11	41	1§	40	5.51	+0.03	1.13	0.0	11	7	12	11	s.	U. S. Forest Service
Okay	Howard	288	12	66.1	+ 2.0	84	13	42	5	35	9.42	+5.66	2.38	0.0	11	8	9	13	s.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	2.77	......	1.08	0.0	7	13	10	7	......	G. H. Banks
Ozark	Franklin	396	45	63.5	+ 1.5	87	12	41	1	41	4.19	−0.43	0.96	0.0	11	6	5	19	se.	Orkney O. Milton
Paragould	Greene	275	17	62.6	......	84	12	41	6	33	2.51	−2.21	1.18	0.0	9	19	7	4	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	3.75	−0.82	0.95	0.0	8	12	7	11	......	Carroll King
Perryville	Perry	325	20	62.2^{c}	+ 2.0	86^{c}	12	34^{c}	1§	48^{c}	4.64	−0.62	2.12	0.0	9	9^{c}	13^{c}	5^{c}	s.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	65.6	+ 2.0	88	12	45	6	35	8.03	+2.52	4.05	0.0	12	8	13	9	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	5.63	+0.17	1.67	0.0	10	7	15	8	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	64.2	+ 4.0	86	12	40	1	36	3.36	−1.49	2.26	0.0	7	16	6	8	sw.	Benedictine Sisters
Portland	Ashley	122	34	66.6	+ 2.0	88	12	44	6	36	3.96	−0.77	1.58	0.0	8	13	7	10	sw.	W. E. Edmiston
Prescott	Nevada	318	52	66.6	+ 3.1	87	12	44	5	35	6.09	+1.17	3.21	0.0	10	12	11	7	s.	W. R. Hambright
Rogers (near) †	Benton	1300	50	61.4	+ 2.9	85	12	39	4§	37	8.29	+3.85	2.70	0.0	11	5	18	7	se.	Howard Fowler
Rosebud †	Faulkner	680	6	......	......	......	......	......	......	......	4.16	......	1.37	0.0	9	......	......	......	......	G. A. Maddox
Russellville	Pope	526	28	64.4	+ 3.4	89	12	40	1	45	5.25	+1.25	1.34	0.0	12	16	2	12	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	64.8	......	86	12	42	6	37	6.36	......	3.63	0.0	8	12	8	10	se.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	2.72	−1.34	0.90	0.0	9	16	0	14	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	64.0	+ 2.3	87	12	40	6	40	4.26	−0.07	1.76	0.0	9	16	2	12	s.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	7.56	+2.31	2.48	0.0	12	11	1	18	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	4.88	−1.28	0.95	0.0	10	16	6	8	s.	S. C. Story
Stuttgart	Arkansas	214	53	64.2	+ 1.8	86	12	42	6	36	6.44	+1.37	2.55	0.0	11	17	8	5	s.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	63.9	......	85	12	42	6	36	5.15	.....	2.44	0.0	10	......	......	......	......	Rice Experiment Sta.
Subiaco	Logan	750	43	64.0	+ 2.2	86	12§	41	4	36	4.82	+0.24	1.04	0.0	11	12	4	14	s.	New Subiaco Abbey
Texarkana	Miller	332	56	66.4	+ 2.2	85	10§	41	5	34	7.58	+2.62	2.90	0.0	10	11	5	14	......	H. S. Brashear

Climatological Data for April, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike.........†	Pope	2240	16	59.8	......	81	12§	37	20	26	4.45	−0.81	0.90	0.0	12	12	3	15	se.	U. S. Forest Service
Wabash	Phillips	179	1	65.6	......	85	11§	41	1§	39	6.01	......	2.70	0.0	8	13	10	7	s.	Farm Security Adm.
Waldron	Scott	675	21	63.8ᵃ	......	87ᵃ	12	39ᵃ	1	44ᵃ	3.83	−1.93	0.70	0.0	10	5ᵃ	20ᵃ	4ᵃ	se.	Wilson Ferguson
Warren	Bradley	206	46	66.2	+ 2.6	88	12§	45	7	35	5.64	+0.47	1.65	0.0	7	6	5	19	sw.	C. N. Turner
Whitecliffs	Little River	290	34	....	.....	......	......	......	......	......	10.23	+5.19	4.20	0.0	9	13	4	13	......	L. M. Snead
White Rock ......†	Franklin	2285	4	60.4	......	82	12	35	20	31	5.30	......	1.96	0.0	12	13	6	11	se.	U. S. Forest Service
Wilson	Mississippi	237	15	64.1	+ 3.1	90	12	38	6	40	2.90	−2.39	0.90	0.0	7	14	2	14	s.	D. O. Anderson
Wright	Jefferson	234	1	61.4ᵃ	.....	84ᵃ	10§	44ᵃ	1§	38ᵃ	6.21	......	1.90	0.0	9	16ᵃ	8ᵃ	5ᵃ	s.	Farm Security Adm.
Wynne	Cross	167	32	65.4	+ 4.0	86	11	42	6	36	4.13	−1.09	1.05	0.0	8	10	12	8	s.	B. M. Eddins
State Means	......	.. .	..	63.7	+ 2.2	94	13	32	1§	52	5.04	+0.14	4.96	0.0	10	10	10	10	s.	

Daily Precipitation for April, 1941

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Alum Fork Reser.†	Ouachita	....	.02	.91	.02	....	....	.45	....	....	....	....	....	....	T.	.26	T.	.07	.27	.09	....	....	.23	.97	.02	....	....	.	....	....	.37		3.68
Arkadelphia ²	Ouachita	....	....	1.55	....	....	....	01	.47	....	....	....	....	....	....	.23	.01	T.	.18	....	.52	....	.04	3.58	.22	....	....	....	....	....	.47		7.28
Arkansas City ²	Mississippi	.09	....	.53	.28	....	....	....	.14	....	....	....	....	....	....	....	T	T.	.24	T.	1.65	....	....	.33	.62	....	....	....	....	....	....		3.88
Batesville Airway†	White	...	.83	.75	....	....	....	....	....	....	....	....	....	....	.17	.22	....	.02	.01	.04	....	....	.03	.40	....	....	....	....	....	....	.13		2.60
Batesville River ²	White	T.	....	1.60	.55	....	....	....	....	....	....	....	....	....	....	.25	.15	.03	....	.02	.11	....	T.	.56	....	....	....	....	....	....	....		3.27
Bee Branch	Arkansas	....	....	.60	1.20	....	....	....	....	....	....	....	....	....	....	.55	.15	T.	.65	.10	.05	....	.45	.50	....	....	....	....	....	....	.20		4.45
Benton ²	Saline	....	....	1.23	.08	....	....	....	.67	....	....	....	....	....	....	.41	.10	T.	.15	.03	.92	....	T.	2.21	.11	....	....	....	....	....	.05		5.96
Bentonville ¹‡	Arkansas	T.	.01	....	T.	....	.06	.45	.03	....	....	....	T	T.	.79	3.85	1.11	.10	1.57	.42	....	...	.04	.07	....	....	....	....	....	.24	.06		8.80
Bethesda ***	White	....	.66	.35	.47	....	....	....	....	....	....	....	....	....	.12	.27	....	....	.12	T.	....	....	T.	....	....	....	....	....	....	....	.13		2.12
Big Lake Outlet †²	St. Francis	.11	T.	.52	.20	T.	....	....	....	....	....	....	....	....	....	.26	.51	....	.03	T.	1.45	....	....	.55	T	....	....	....	....	....	....		3.63
Black Rock ²	White	03	....	1.59	.97	....	....	....	....	....	....	....	....	....	....	.07	.22	.03	.07	....	.92	....	....	.21	....	....	....	....	....	....	....		4.11
Blytheville ²	St Francis	T	....	.15	.13	....	....	....	T.	....	....	....	....	....	....	.36	.36	....	T.	....	1.40	....	....	.46	....	....	....	....	....	....	....		2.86
Booneville	Arkansas	....	.12	.05	....	....	....	.70	....	....	....	....	....	...	1.03	.63	....	.01	.45	.21	....	....	.14	.58	...	....	....	....	....	....	.44		4.36
Boughton †²	Ouachita	....	....	.74	....	....	....	....	.48	....	....	....	....	....	....	....	.10	....	.02	.43	.20	....	....	3.30	.22	....	....	....	....	....	....		5.49
Brinkley	White	....	....	1.03	.30	....	....	....	....	....	....	....	....	....	....	.91	....	.03	....	...	.95	....	.36	1.07	....	....	....	....	....	....	.02		4.67
Calico Rock ²	White	....	....	.58	.20	.03	....	....	....	....	....	....	....	....	....	.30	.33	....	.34	T.	.17	....	....	.25	....	.05	....	....	....	....	T.		2.25
Camden ²	Ouachita	...	....	1.67	....	....	....	....	.36	....	....	....	....	....	. .	.08	.03	....	.15	....	.52	....	....	1.65	1.63	....	....	....	....	....	*		6.09
Clarendon ²	White	.02	....	1.21	.49	....	....	....	.05	....	....	....	....	....	....	.35	.49	.03	.07	.10	.86	....	.08	1.64	.05	....	....	....	....	....	....		5.44
Clinton	White	....	.44	.80	.41	...	....	.01	....	....	....	....	....	....	T.	1.45	.04	....	.50	.27	....	....	.20	.35	....	....	....	....	....	...	....		4.47
Clover Bend	White	....	T	1.41	.97	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.76	....	....	...	.34	....	....	....	....	....	...	.11		3.59
Conway	Arkansas	....	....	2.30	....	....	....	.18	....	....	....	....	....	....	....	.05	03	.06	.23	.13	....	....	.22	.81	....	....	....	....	....	....	.26		4.37
Corning ²	White	.05	*	1.33	.50	.01	....	....	....	....	....	....	....	....	....	....	.13	....	....	....	.26	....	....	.10	....	....	....	....	....	....	....		2.38
Cotter ²	White	....	..	.55	....	....	....	....	....	....	....	....	....	....	....	.53	.68	....	.56	T.	....	....	....	.20	....	....	....	....	....	....	T		2.52
Crossett ..[near]	Ouachita	....	....	.70	T.	....	....	.48	....	....	....	....	....	....	....	....	T.	....	....	.75	....	....	1.00	.06	....	....	....	....	....	....	....		2.99
Danville ²	Arkansas	....	....	.29	.34	....	....	.06	.52	....	....	....	....	....	....	.88	.30	....	.27	....	.09	....	.12	.47	.04	....	....	....	....	....	.29		3.67
Dardanelle ²	Arkansas	....	....	.40	....	.41	....	....	.51	....	....	....	....	....	....	1.10	....	.02	.29	....	.28	....	.27	....	.02	....	....	....	....	....	.14		3.44
De Queen	Red	....	T.	.01	....	....	T	.40	....	....	....	....	T	....	.31	.18	02	.02	.25	.40	....	....	1.14	1.48	.35	....	....	....	....	.02	2.32		6.93
Des Arc ²	White	....	....	1.59	.13	....	....	....	.04	....	....	....	....	....	....	.45	.65	.01	11	.63	T.	....	....	.89	....	....	....	....	....	....	....		4.53
Devils Knob †	Arkansas	....	.42	.10	T.	T.	....	.18	.02	....	....	....	....	....	.56	1.03	.12	....	.73	.68	....	....	....	....	....	....	....	....	....	....	.27		4.11
Dumas	Mississippi	....	....	1.02	....	....	....	.15	....	....	....	....	....	....	....	T.	T.	.17	....	1.33	.37	....	.18	2.01	.02	....	....	....	....	....	.09		5.34
El Dorado ²	Ouachita	....	....	1.47	....	....	....	....	.44	....	....	....	....	....	....	T.	T	T	.80	....	.48	....	T.	.25	1.54	....	....	....	....	....	T.		4.98
England	Arkansas	....	....	1.65	.30	....	....	.30	....	....	....	....	....	....	....	.80	....	....	.08	T.	.25	.60	....	1.65	....	....	....	....	....	....	T		5.63
Eureka Springs	White	....	....	....	.04	....	....	.40	....	....	....	....	....	....	.60	.80	1.00	....	1.07	2.62	....	....	....	85	....	....	....	....	....	....	.20		7.58
Fayetteville	White	....	.01	....	.01	....	....	.32	T	....	T.	....	....	T	.75	1.18	.81	T.	1.52	2.91	....	....	T.	.12	....	....	....	....	....	T.	.22		7.85
Fayetteville Exp. S	White	....	.03	....	T.	T.	....	.33	.09	....	....	....	....	T.	.74	.80	1.06	....	2.07	2.92	....	....	....	.14	....	....	....	....	....	T.	.39		8.57
Fort Smith ¹‡	Arkansas	.03	.03	T.	T.	....	.21	.04	....	....	..	....	T.	....	.77	1.44	T.	.21	.10	.50	....	....	.20	.36	....	....	....	....	....	.35	.28		4.52
Fort Smith W. †²	Arkansas	....	....	....	....	....	.19	.23	....	....	....	....	....	....	.60	1.58	.02	....	.25	.97	...	....	.28	.01	....	....	....	....	....	....	.54		4.67
Fulton ²	Red	....	....	.47	....	....	....	.02	.38	....	....	....	....	....	....	.07	T.	T.	.15	.02	.45	....	.02	3.89	1.63	.03	....	....	....	T.	.98		8.11
Georgetown	White	....	....	1.55	.50	....	....	....	....	....	....	....	....	....	....	.45	.45	.05	....	....	.60	....	.05	.70	....	....	....	....	....	....	....		4.35
Gilbert ²	White	....	....	.60	T.	....	....	....	....	....	....	....	....	....	....	.41	.27	....	.27	...	.09	....	....	.25	....	....	....	....	....	....	.03		1.92
Glenwood ²	Ouachita	....	....	.79	....	....	....	....	.72	....	....	....	....	....	....	.21	....	....	.26	.06	....	....	.14	2.05	.09	....	....	....	....	....	1.18		5.50
Grannis	Red	....	.02	.14	....	....	T	.49	....	....	....	....	....	....	.52	.24	T.	07	.50	.42	....	....	.90	.99	....	....	....	....	....	T	2.13		6.42
Gravette ²	Arkansas	....	....	....	....	....	....	.39	.02	....	...	....	....	....	.62	.59	3.45	.21	.37	4.33	....	....	....	.07	....	....	....	....	....	..	.44		10.49
Green Mountain †	White	....	....	.60	.25	.02	....	T.	...	....	....	....	....	....	....	.30	.33	....	....	.34	.17	....	....	.22	....	....	....	....	....	....	.20		2.43
Harrison	White	....	.18	.18	.01	....	....	.17	....	....	....	....	....	....	.45	1.01	.25	....	.58	.17	....	....	....	.12	....	....	....	....	....	....	.15		3.27
Heber Springs ²	White	....	....	.74	.95	....	....	....	....	....	....	....	....	....	*	.34	.12	T.	.34	....	.12	..	.24	.71	....	....	....	....	....	....	....		3.56
Helena ²	Mississippi	.05	....	1.13	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.83	...	.02	2.68	.06	....	....	....	....	....	....		5.92
Higden	White	....	T.	.63	.83	....	....	....	....	...	....	....	....	....	....	.50	....	....	.60	.10	....	....	.20	....	....	....	....	....	....	....	.10		2.96
Highland	Ouachita	....	.18	1.12	....	....	....	1.13	....	....	....	....	....	....	.02	.06	....	.24	.50	.29	....	....	1.08	1.37	.21	....	....	....	....	....	1.98		8.18
Hope ‡‡²	Red	....	....	.75	....	....	....	....	.63	....	....	....	....	....	....	.16	....	....	.20	.01	1.07	....	.03	3.70	.79	....	....	....	....	....	.90		8.24
Hot Springs	Ouachita	....	.05	.42	....	....	....	.20	....	....	....	....	....	....	T.	.18	....	.01	10	.16	T.	....	.67	1.23	....	....	....	....	....	....	.62		3.64
Index †²	Red	....	....	.30	....	....	....	.30	.25	....	....	....	....	....	....	....	....	.10	.25	....	.50	....	....	4.00	1.00	....	....	....	....	....	1.25		7.95
Irons Fork †‡‡²	Ouachita	....	....	.24	.01	....	....	.25	.42	....	....	....	....	....	....	.41	.40	.07	2.23	.39	.13	....	.24	1.39	.05	T.	....	....	....	....	1.40		7.63
Jessieville	Ouachita	....	....	1.38	.03	....	....	.57	....	....	....	....	....	....	....	.25	.06	.01	.48	.21	.38	.90	....	....	....	....	....	....	....	....	.70		4.97
Jonesboro ²	White	.05	....	1.09	.85	....	....	....	T	....	....	....	....	....	....	.21	.35	.10	.06	T.	.46	....	....	.36	....	....	....	....	....	....	....		3.53
Lead Hill	White	....	.09	.48	T.	....	....	....	....	....	....	....	....	....	.34	.55	.36	....	.12	.18	....	....	....	.02	....	....	....	....	....	....	.10		2.24
Little Rock ¹†	Arkansas	T.	1.08	.42	T.	....	....	.54	....	....	....	....	....	....	05	.40	T.	.01	.15	1.16	....	....	.31	.63	....	....	....	....	....	T	.22		4.97
LittleRock Air'y ¹‡	Arkansas	....	1.31	.42	T	....	....	.53	....	....	....	....	....	....	.09	.46	T.	T.	.25	1.35	....	....	.32	.60	....	....	....	....	....	T.	.20		5.53
Lutherville †	Arkansas	....	.73	.76	....	....	....	.30	....	....	....	....	....	....	.53	1.23	....	....	T.	.55	...	....	.38	.57	....	....	....	....	....	....	.30		5.35
Madison ²	St. Francis	....	....	1.32	.35	....	....	....	....	....	....	....	....	....	....	.19	.53	T.	.05	....	.65	....	....	1.60	....	....	....	....	....	....	....		4.60
Magnolia	Red	....	....	2.80	....	....	....	.17	....	....	....	....	....	....	....	....	....	....	....	....	.77	....	.44	2.20	....	....	....	....	....	....	.20		6.58
Mammoth Spg ²	White	....	....	.47	1.03	....	....	....	....	....	....	....	....	....	....	.14	.31	....	.08	.54	.21	....	....	.10	....	....	....	....	....	....	....		2.88
Marianna	St. Francis	....	....	1.20	.75	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	.95	....	.40	1.15	....	....	....	....	....	....	T.		4.50
Marked Tree ²	St. Francis	....	....	.82	.45	....	....	....	....	....	....	....	....	....	....	.42	.31	T.	....	....	1.99	....	....	.77	....	....	....	....	....	....	....		4.76
Mena ²	Ouachita	....	T.	.30	T.	T.	....	.15	.09	....	....	....	....	T.	....	.52	.32	.01	2.20	.30	.37	....	.24	1.30	.04	T.	....	....	....	....	1.29		7.13
Monticello Air ‡	Ouachita	....	.39	.79	....	....	....	.30	....	....	....	....	....	..	....	T	T	.41	....	1.44	....	....	.25	.84	....	....	....	....	....	....	.01		4.43
Morrilton ²	Arkansas	....	T.	.90	.25	....	....	T.	.30	....	....	....	....	....	....	.27	.20	....	.30	....	.12	....	T	.50	.01	....	....	....	....	....	.12		2.97
Mountainburg	Arkansas	.03	....	....	..	....	....	.55	....	....	....	....	....	....	.65	1.39	.06	.10	.06	1.32	....	....	T	.38	....	....	....	....	....	....	.54		5.08
Mountain Home	White	....	.35	.40	T.	....	....	....	....	....	....	....	....	....	.40	.45	.05	....	.40	.10	....	....	....	.20	....	....	....	....	....	....	.20		2.55
Mountain Valley	Ouachita	....	.24	1.35	....	....	....	.34	....	....	....	....	....	....	T	.19	.03	....	.19	.22	....	....	.42	1.03	....	....	....	....	....	....	.70		4.71
Mount Ida	Ouachita	....	.88	.28	....	....	....	.38	.14	....	....	....	....	....	.08	.17	....	.03	.68	08	....	....	.45	.98	....	....	....	....	....	..	1.14		5.29
Mount Ida CCC	Ouachita	....	.09	1.03	....	....	....	.01	.31	.26	....	....	....	....	.01	.19	....	.02	.63	.02	....	....	.45	.01	....	....	....	....	....	....	1.15		4.18
Mulberry †²	Arkansas	....	....	.30	....	....	....	33	.20	....	....	....	....	....	....	.86	1.78	.08	.23	.31	.45	....	....	.33	.03	....	....	....	....	....	.51		5.41
Nashville	Red	....	1.18	.20	.01	....	....	.85	.02	....	....	....	....	....	.01	.07	.01	.54	.39	.33	....	....	1.15	1.47	.09	....	....	....	....	T.	1.99		8.31
Newport ²	White	.02	....	1.72	.90	....	....	....	....	....	....	....	....	....	....	.12	.41	*	.02	....	.39	....	....	.72	....	....	...	....	....	....	....		4.30
Oden	Ouachita	....	....	28	.02	....	....	.91	.12	....	....	....	....	....	.04	.41	....	....	.97	.15	....	....	.44	1.04	....	....	....	....	....	....	1.13		5.51
Okay	Red	....	.03	1.17	....	....	....	.70	....	....	....	....	....	....	T	T.	....	.39	.61	.40	....	....	2.00	2.38	.04	....	....	....	....	.03	1.67		9.42
Osceola ²	Mississippi	.02	....	.20	.13	....	....	....	....	T.	....	....	....	....	....	.26	.32	....	....	....	1.08	....	....	.76	....	....	....	....	....	....	....		2.77
Ozark ²	Arkansas	....	T.	.29	....	....	....	.30	.18	....	....	....	....	....	....	.68	.96	.03	.70	.24	....	....	....	.41	.04	....	....	....	....	....	.36		4.19

Daily Precipitation for April, 1941 Continued

Stations	Drainage basin	Day of Month																															Tota
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Paragould	St. Francis	....	.02	1.18	.23	....	....	....	....	....	....	....	....	....	....	.15	.08	.11	....	.36	.15	....	T.	.23	....	....	....	....	....	....	T.		2.5
Parkin[2]	St. Francis	.05	....	.95	.25	....	....	....	.09	....	....	....	....	....	....	.42	.41	....	....	....	.67	....	....	.91	....	....	....	....	....	....	....		3.7
Perryville	Arkansas	2.12	51	....	....	....	....	.46	....	....	....	....	....	....	.44	....	....	.12	....	.03	....	....	.10	.50	....	....	....	....	....	....	.36		4.6
Pine Bluff[2]	Arkansas	....	....	1.48	.01	....	....	....	.35	....	....	....	....	....	....	.70	.15	.01	.11	.13	.56	....	.03	4.05	.45	....	....	....	....	....	....		8.0
Pine Ridge[2]	Ouachita	....	....	.19	....	....	....	.18	.52	....	....	....	....	....	.19	.22	.03	T.	1.20	....	....	....	*	1.67	....	....	....	....	....	....	1.43		5.6
Pocahontas	White	....	....	2.26	.18	....	....	....	....	....	....	....	....	....	....	.15	.10	....	....	.55	....	....	....	.11	....	....	....	....	....	....	.01		3.3
Portland[2]	Ouachita	....	.75	....	.02	....	....	....	.32	....	....	....	....	....	....	....	....	....	.05	.08	1.58	....	....	.26	.90	....	....	....	....	....	....		3.9
Prescott[2]	Ouachita	....	....	.75	....	....	....	....	.33	....	....	....	....	....	....	.09	T.	....	.24	.02	.29	....	.05	3.21	.27	....	....	....	....	....	.84		6.0
Rogers (near) †	White	....	....	T.	.03	....	....	.63	.04	....	....	....	T.	.04	.83	1.10	2.00	T.	.48	2.70	....	....	....	.17	....	....	....	....	....	....	.27		8.2
Rosebud †	Arkansas	....	....	1.37	.78	....	....	....	....	....	....	....	....	....	....	.37	....	.07	.05	.16	....	....	.34	.85	....	....	....	....	....	....	.17		4.1
Russellville ‡‡	Arkansas	....	.11	.28	1.29	....	....	.65	T.	....	....	....	....	....	.03	1.34	.02	....	.28	.13	....	....	.33	.59	T.	....	....	....	....	....	.20		5.2
St. Charles[2]	White	....	....	1.46	.01	....	....	....	.19	....	....	....	....	....	....	....	T.	.03	....	.01	.89	....	....	3.63	.14	....	....	....	....	....	....		6.3
St. Francis[2]	St. Francis	.32	T.	.24	.90	....	....	....	T.	.03	....	....	....	....	....	T.	06	T.	.15	.64	.82	....	....	....	.06	....	....	....	....	....	....		2.7
Searcy[2]	White	....	....	1.76	.34	....	....	....	.02	....	....	....	....	....	....	.16	.17	.04	T.	T.	1.05	....	.06	.66	....	....	....	....	....	....	....		4.2
Spring Bank †[2]	Red	....	....	2.48	....	....	....	.03	1.22	....	....	....	....	....	....	.03	T.	.07	.05	....	.35	....	.15	.67	2.09	....	....	....	....	.02	.40		7.5
Story[2]	Ouachita	....	....	.73	.35	....	....	....	.32	....	....	....	....	....	....	.27	.16	.30	.80	....	....	....	.95	.20	....	....	....	....	....	....	.80		4.8
Stuttgart[2]	Arkansas	....	....	1.20	T.	....	....	....	.10	....	....	....	....	....	....	.60	.62	.03	.15	.04	.95	....	.05	2.55	.15	....	....	....	....	....	....		6.4
Stuttgart ‡‡[2]	Arkansas	....	....	1.41	T.	....	....	....	.09	....	....	....	....	....	....	.27	.22	.01	.01	....	.52	....	.03	2.44	.15	....	....	....	....	....	....		5.1
Subiaco	Arkansas	....	.54	.45	.01	....	....	.54	....	....	....	....	....	....	.38	1.04	T.	....	.35	.18	....	....	.52	48	....	....	....	....	....	....	.33		4.8
Texarkana[2]	Red	....	....	.35	....	....	....	.15	.60	....	....	....	....	....	....	.08	....	.30	T.	....	.60	....	.10	2.90	1.55	....	....	....	....	....	.95		7.5
Turnpike †	Arkansas	....	.62	.90	....	....	....	.10	T.	....	....	....	....	....	.57	.60	.01	.03	.67	.30	....	....	.04	39	....	....	....	....	....	....	.22		4.4
Wabash	Mississippi	.24	*	1.12	.27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	*	1.40	....	.28	2.70	....	....	....	....	....	....	....		6.0
Waldron	Arkansas	....	....	.13	....	....	....	.35	....	....	....	....	....	....	.62	.70	....	.24	.06	.30	....	....	.33	.62	....	....	....	....	....	....	.48		3.8
Warren	Ouachita	....	....	1.33	....	....	....	1.55	....	....	....	....	....	....	....	....	....	.26	.10	.50	....	....	.25	1.65	....	....	....	....	....	....	T.		5.6
Whitecliffs[2]	Red	....	....	1.75	....	....	....	.43	....	....	....	....	....	....	....	.10	....	....	1.00	.60	....	....	.70	4.20	.10	....	....	....	....	....	1.35		10.2
White Rock †	Arkansas	....	.09	.03	....	....	....	.54	.09	....	....	....	....	....	.65	1.96	.28	.02	.14	.66	....	....	....	.30	....	....	....	....	....	T.	.54		5.3
Wilson[2]	Mississippi	.23	....	.32	.11	....	....	....	....	....	....	....	....	....	....	.18	.32	....	....	....	.90	....	....	.84	....	....	....	....	....	....	....		2.9
Wright	Arkansas	....	....	1.70	....	....	....	.51	....	....	....	....	....	....	....	.58	T.	.22	.14	*	.28	....	.88	1.90	....	....	....	....	....	....	....		6.2
Wynne[2]	St. Francis	....	1.05	....	.35	....	....	....	.10	....	....	....	....	....	....	.35	.50	....	.18	....	.80	....	.80	....	....	....	....	....	....	....	....		4.1

Daily Temperatures for April, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Alum Fork	Maximum	81	72	75	65	68	78	75	70	76	83	84	86	84	84	72	77	76	77	75	68	72	64	54	73	76	75	75	77	80	75		74.9
	Minimum	44	48	54	44	45	42	50	47	50	44	50	54	60	59	57	62	57	57	65	45	47	48	47	53	46	46	54	45	54	55		51.0
Arkadelphia §§	Maximum	84	83	79	62	73	80	67	78	81	85	86	84	87	81	75	80	79	80	75	74	75	56	56	71	78	74	73	77	72	64		75.8
	Minimum	45	48	55	48	46	46	55	50	51	49	53	57	53	55	62	62	60	62	65	45	49	54	50	51	48	51	54	52	57	61		53.1
Batesville ***	Maximum	79	72	72	62	65	75	70	76	78	84	86	86	84	80	68	77	80	81	78	74	74	59	65	74	74	73	76	79	82	69		75.1
	Minimum	44	50	54	48	44	40	58	45	48	43	48	53	61	60	60	63	63	63	58	47	47	48	48	53	46	44	48	45	50	59		51.3
Bee Branch	Maximum	80	79	73	67	64	73	70	70	74	80	83	84	84	80	75	72	77	78	75	72	73	70	60	74	74	72	75	74	78	75		74.5
	Minimum	43	53	54	45	43	40	55	45	47	44	50	54	55	62	57	61	60	59	66	44	43	45	47	53	48	46	52	48	55	59		51.1
Benton §§	Maximum	82	77	77	59	58	80	68	77	80	84	85	88	86	80	74	79	75	79	77	73	71	55	56	72	76	72	76	76	80	71		74.8
	Minimum	40	42	52	45	46	46	40	46	47	43	48	51	52	58	60	61	57	60	60	45	47	53	49	50	44	44	51	44	48	51		49.3
Bentonville ***	Maximum	79	73	72	46	60	78	68	63	70	80	82	86	81	71	67	77	80	69	74	62	66	66	63	66	71	73	74	75	74	73		71.3
	Minimum	46	55	44	40	41	47	52	51	45	46	58	61	65	57	56	55	61	59	46	40	43	50	47	51	46	48	54	47	58	57		50.9
Blytheville	Maximum	74	77	76	69	63	79	72	78	77	83	90	90	88	86	77	79	83	85	82	73	71	61	60	70	74	72	75	80	84	80		76.9
	Minimum	44	50	51	48	48	41	54	49	49	46	53	55	57	58	60	62	61	64	67	50	46	48	49	51	49	42	50	49	55	54		52.0
Booneville	Maximum	83	73	78	70	69	80	74	71	77	84	85	87	85	80	68	81	80	76	75	67	72	68	55	74	78	72	74	75	79	73		75.4
	Minimum	40	58	54	40	45	47	52	48	44	44	53	61	65	58	58	60	64	60	65	41	41	50	49	48	46	47	54	47	55	58		51.7
Brinkley	Maximum	82	81	75	71	65	75	72	75	77	84	85	86	85	82	76	78	78	81	79	72	72	65	59	71	76	72	74	79	80	75		76.1
	Minimum	46	54	56	50	49	42	57	48	50	47	53	56	58	60	61	64	60	66	68	48	52	51	50	52	49	47	54	48	54	58		53.6
Camden	Maximum	76	82	80	80	72	80	79	78	82	85	86	88	94	89	85	85	87	89	89	72	78	71	57	72	80	75	79	81	80	84		80.5
	Minimum	44	50	54	51	44	44	54	50	49	48	51	53	54	59	62	66	62	64	61	45	43	49	50	51	46	48	54	50	57	59		52.4
Clover Bend	Maximum	79	76	73	62	64	75	75	77	78	83	88	88	86	82	75	78	82	82	79	72	72	70	65	71	75	73	76	80	84	77		76.6
	Minimum	38	48	47	53	45	39	39	43	41	42	47	50	55	50	52	51	50	61	65	47	42	41	42	56	48	39	41	42	46	51		47.0
Conway	Maximum	78	75	76	72	66	77	70	70	74	79	83	85	87	79	74	79	78	79	78	73	70	68	60	73	78	74	74	78	77	69		75.1
	Minimum	44	56	56	47	48	43	55	46	49	46	53	56	58	61	59	64	62	62	68	47	46	52	50	50	47	47	54	47	56	61		53.0
Corning	Maximum	76	70	72	71	65	74	69	77	76	77	89	90	89	84	76	81	84	85	79	73	75	68	67	74	77	76	79	82	84	76		77.2
	Minimum	41	48	51	50	46	41	55	47	48	45	51	55	61	64	61	63	63	65	67	47	45	49	49	54	49	40	49	44	52	53		51.8
Crossett	Maximum	81	80	80	74	71	80	76	78	81	84	85	87	85	82	75	79	80	82	78	78	71	67	59	72	79	73	74	78	81	79		77.6
	Minimum	43	51	53	45	46	46	56	45	46	44	48	51	51	51	58	51	59	66	65	45	45	55	50	52	49	45	53	48	52	54		50.8
Dardanelle	Maximum	84	80	79	75	67	79	73	71	76	86	86	89	86	83	70	78	75	78	79	73	74	73	59	74	76	76	76	79	80	78		77.0
	Minimum	44	58	56	45	48	47	55	54	49	47	53	59	63	61	60	64	64	61	67	45	46	52	51	53	51	50	55	49	58	61		54.2
De Queen	Maximum	80	71	78	70	70	78	74	77	81	83	81	80	82	79	73	84	84	79	77	73	76	68	62	76	78	74	78	77	75	72		76.3
	Minimum	44	52	54	44	39	46	52	46	49	50	53	64	59	50	60	61	65	64	64	41	50	50	50	51	46	54	57	52	59	58		52.8
Devils Knob	Maximum	75	67	69	62	63	71	63	65	70	77	78	82	78	70	59	68	67	67	66	63	67	61	54	65	63	70	71	72	73	66		68.1
	Minimum	56	54	50	36	38	45	50	50	47	55	59	61	61	54	52	58	59	55	59	35	44	48	44	48	46	47	52	52	62	53		51.0
Dumas	Maximum	80	83	80	71	64	79	72	79	81	87	84	90	87	86	75	81	74	85	83	74	78	64	57	72	78	73	78	80	83	74		77.7
	Minimum	52	50	53	51	48	43	57	47	50	50	54	56	56	55	62	62	64	63	67	49	48	52	51	53	48	47	55	54	55	60		53.7
El Dorado	Maximum	82	80	80	75	70	79	71	77	81	85	85	84	86	84	77	81	81	83	85	76	74	66	60	80	80	75	76	78	79	76		78.2
	Minimum	51	56	55	53	45	48	60	53	52	54	57	59	58	51	59	66	64	65	70	49	48	56	51	51	49	51	54	52	60	62		55.3
England	Maximum	84	80	73	69	67	77	73	78	76	83	84	86	84	80	80	77	77	80	78	72	72	63	58	77	75	71	75	79	81	72		76.0
	Minimum	44	52	55	49	48	43	52	47	55	50	55	54	55	55	60	63	62	60	66	47	50	50	49	52	58	49	54	49	54	60		53.2
Eureka Springs	Maximum	83	74	74	64	62	81	77	63	71	81	84	86	82	82	67	78	81	73	74	65	67	66	61	68	71	74	75	77	78	72		73.7
	Minimum	47	52	53	39	40	42	52	53	45	48	58	61	65	55	56	54	64	64	58	39	43	48	46	50	45	48	52	48	56	56		51.2
Fayetteville	Maximum	80	71	73	64	64	78	71	65	72	81	82	86	82	77	68	79	79	73	72	65	67	66	60	69	73	73	74	76	74	72		72.9
	Minimum	42	60	55	39	40	46	53	52	42	44	56	62	65	56	57	55	64	58	59	40	41	50	47	49	44	48	54	45	56	56		51.2
Fayetteville Exp. S	Maximum	79	70	73	67	62	77	72	63	70	79	81	85	81	78	67	78	78	74	72	62	65	65	64	67	71	73	72	72	73	72		72.1
	Minimum	44	59	55	39	41	45	53	53	41	42	58	64	66	57	57	55	64	58	60	40	41	48	48	50	43	46	54	44	55	57		51.2
Fort Smith ***	Maximum	82	69	73	52	67	80	71	69	75	84	86	85	84	74	71	80	82	77	74	65	71	62	59	71	74	70	75	75	80	75		73.7
	Minimum	49	59	51	42	46	49	56	52	50	52	59	70	70	58	58	59	63	63	51	44	51	53	51	55	52	55	58	54	60	60		55.0
Gilbert §§	Maximum	84	72	77	62	66	73	73	75	76	84	85	87	86	76	67	79	77	77	75	71	72	65	62	72	74	73	76	77	79	69		74.7
	Minimum	32	35	51	37	41	32	45	43	37	36	40	45	50	63	55	56	58	57	67	41	38	42	47	46	46	37	45	36	45	55		45.3
Grannis	Maximum	79	69	75	68	74	76	68	75	80	82	81	78	82	73	70	81	81	77	74	70	74	66	59	73	71	72	75	74	74	68		74.0
	Minimum	47	51	52	39	36	46	49	46	46	52	52	59	57	57	57	58	60	60	60	37	45	47	48	50	48	52	53	51	55	54		50.8
Gravette §§	Maximum	81	75	72	65	64	80	79	64	71	82	84	87	81	82	70	80	82	82	72	62	66	69	65	68	72	74	75	76	75	75		74.3
	Minimum	40	54	54	40	40	49	53	51	37	46	57	65	64	58	57	54	63	59	54	37	38	48	49	46	44	48	50	46	56	55		50.4
Green Mountain	Maximum	76	74	71	65	58	74	70	72	71	80	82	83	..	..	..	..	..	..	..	..	65	65	58	66	70	69	71	74	78	63		70.5
	Minimum	53	51	54	45	42	44	56	52	47	57	55	66	..	..	..	..	..	..	..	..	49	40	47	..	..	..	..	..	..	..		50.5
Harrison	Maximum	81	73	77	65	59	79	70	69	73	85	86	89	82	78	66	83	76	72	77	68	71	65	61	69	74	76	77	76	80	71		74.3
	Minimum	37	51	52	41	41	35	53	51	45	41	48	52	61	58	56	55	62	57	61	41	41	50	47	52	46	40	49	41	40	58		48.7
Helena	Maximum	80	81	74	72	66	70	70	75	74	83	85	90	87	81	78	78	79	83	84	66	71	66	59	69	72	74	73	78	89	78		76.2
	Minimum	48	50	54	49	47	43	56	47	48	52	59	60	59	55	62	62	62	63	66	48	50	48	48	49	49	48	54	51	58	59		53.5
Highland	Maximum	79	72	75	71	71	79	71	72	78	82	81	81	82	77	74	79	80	78	76	71	71	66	53	71	76	71	73	74	74	67		74.2
	Minimum	55	56	55	45	42	47	44	47	50	55	56	63	64	59	62	65	62	65	62	43	60	50	50	51	56	54	56	52	60	59		54.8
Hope §§ ‡‡	Maximum	80	75	77	60	73	79	69	76	81	83	83	83	83	80	76	81	84	82	75	74	73	55	53	71	77	72	77	76	77	69		75.1
	Minimum	46	49	54	49	43	45	58	49	51	50	54	57	57	61	61	62	64	65	66	45	48	51	50	50	47	51	53	50	53	60		53.3
Hot Springs	Maximum	83	73	78	72	73	82	75	78	80	86	87	88	85	78	76	80	78	80	78	73	77	68	58	77	78	76	78	79	80	73		77.6
	Minimum	50	57	55	47	46	45	42	45	53	56	57	60	61	59	59	64	63	60	65	45	48	49	49	52	49	51	55	49	58	59		53.6

Daily Temperatures for April, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Irons Fork.....§§‡‡	Maximum	79	65	75	51	69	77	69	73	78	82	82	83	84	67	67	77	77	77	71	68	72	54	56	71	74	73	75	73	78	67	72.1
	Minimum	38	55	48	37	42	40	52	42	39	41	59	64	63	62	57	60	61	58	61	39	42	48	47	48	41	45	53	44	54	55	49.8
Jonesboro	Maximum	77	78	74	70	64	75	70	78	78	83	89	87	85	82	76	77	81	85	79	71	71	67	62	70	74	71	74	80	82	76	76.2
	Minimum	47	50	52	51	46	44	54	48	51	49	53	56	61	61	60	62	62	65	66	48	47	50	47	53	51	45	53	48	54	55	53.0
Lead Hill..........	Maximum	81	71	76	62	58	77	71	72	74	84	86	..	..	..	..	..	79	75	73	67	71	66	63	70	74	74	75	77	80	69	73.0
	Minimum	33	52	56	40	43	33	52	49	38	38	45	51	61	60	54	57	57	53	61	44	38	45	48	52	41	46	46	37	38	57	47.5
Little Rock..***	Maximum	81	76	75	57	63	74	66	73	76	82	82	85	84	79	74	78	75	79	76	69	70	61	58	70	73	70	73	76	78	68	73.4
	Minimum	50	58	56	49	48	49	53	50	54	56	61	64	64	62	61	66	64	61	57	47	54	51	50	56	54	52	57	55	60	61	56.0
Little Rock.....*** [Airway]	Maximum	81	77	75	59	64	75	67	74	77	82	83	85	84	79	73	78	76	78	76	71	71	59	58	71	74	71	74	76	79	69	73.9
	Minimum	47	53	55	50	49	46	51	46	52	49	52	54	57	60	61	62	62	61	57	47	51	51	50	53	51	50	54	51	54	62	53.3
Lutherville........	Maximum	80	71	74	62	63	74	68	68	76	82	82	86	83	80	63	79	74	75	73	65	72	62	57	73	74	71	73	74	78	73	72.8
	Minimum	46	56	54	40	44	45	53	50	41	47	54	63	65	56	56	61	63	57	65	39	40	48	48	52	49	49	54	50	57	58	52.0
Magnolia..........	Maximum	82	79	80	77	73	82	79	78	80	85	85	87	85	85	79	80	83	85	81	78	74	69	56	73	80	79	80	80	80	75	79.0
	Minimum	49	55	55	52	44	51	55	56	49	53	57	61	59	60	64	67	63	64	63	45	48	51	53	52	47	54	54	52	62	62	55.2
Mammoth Spring.	Maximum	78	70	71	67	63	74	68	75	76	80	87	88	87	80	70	81	81	80	..	73	..	..	67	70	74	75	77	80	82	75	75.9
	Minimum	38	42	52	47	45	36	55	45	52	42	51	50	50	68	56	68	59	60	65	46	44	46	44	47	48	40	48	41	45	52	49.4
Marianna..........	Maximum	80	80	75	73	62	73	66	75	75	82	84	85	83	80	76	80	81	82	84	79	70	67	59	67	73	73	75	79	80	79	75.9
	Minimum	45	52	53	50	48	42	56	46	50	46	56	57	57	50	49	62	60	63	66	49	49	49	49	49	48	45	52	49	55	58	52.0
Marked Tree....§§	Maximum	77	79	72	66	64	75	70	77	77	84	87	87	75	72	59	67	75	84	80	69	71	56	63	69	73	72	77	79	81	76	73.8
	Minimum	44	48	51	49	46	40	50	46	51	43	49	56	59	56	58	52	59	62	66	47	47	48	46	48	49	43	50	46	50	53	50.4
Mena..............	Maximum	81	68	77	64	76	77	71	74	79	83	83	85	82	77	67	82	81	79	74	71	73	67	52	73	79	72	74	72	77	68	74.6
	Minimum	46	57	52	40	43	44	53	47	46	49	55	64	64	62	58	61	64	59	62	42	49	49	49	51	43	53	54	52	56	56	52.7
Monticello......***	Maximum	81	80	77	69	69	78	71	77	80	84	83	86	84	82	73	78	78	81	83	72	72	60	57	70	77	74	76	77	79	74	76.1
	Minimum	52	57	54	53	49	47	53	50	51	56	59	59	59	56	63	63	63	64	60	48	50	52	51	51	52	53	57	56	57	61	55.2
Morrilton ....§§	Maximum	..	78	83	60	65	75	66	70	76	85	80	82	86	77	71	78	80	79	75	69	72	58	58	74	76	72	74	72	80	72	73.9
	Minimum	41	42	56	46	46	46	53	49	47	44	50	50	51	61	58	61	61	61	65	46	44	51	50	50	49	49	54	45	55	60	51.4
Mountain Home...	Maximum	80	76	76	64	60	77	73	74	72	82	86	87	86	77	67	80	79	78	74	64	71	65	64	69	75	75	75	79	79	79	74.8
	Minimum	40	50	55	43	43	40	57	45	43	45	51	56	64	57	55	56	61	58	58	43	46	50	48	53	42	43	48	44	53	54	50.0
Mt. Ida	Maximum	82	70	78	70	73	80	69	77	81	84	85	85	84	77	72	82	79	78	77	72	74	67	54	74	80	74	76	75	78	71	75.9
	Minimum	36	49	53	40	46	35	52	49	42	38	48	61	66	60	58	65	64	58	64	41	41	49	49	51	40	43	50	41	51	57	49.9
Nashville..........	Maximum	80	74	77	68	71	79	75	75	80	82	83	81	83	82	74	80	82	81	80	73	74	69	57	73	78	72	78	76	77	70	76.1
	Minimum	47	50	55	47	42	48	49	48	52	52	54	62	60	62	63	60	64	66	64	44	51	49	50	54	48	55	57	54	60	60	54.2
Newport...........	Maximum	79	77	74	70	64	75	70	78	79	85	88	88	87	82	75	76	80	83	78	73	74	65	63	72	75	74	77	80	82	72	76.5
	Minimum	43	51	56	51	47	41	58	47	48	46	50	54	59	62	61	64	63	66	68	49	46	50	49	55	51	46	52	49	51	60	53.1
Oden......... ..***	Maximum	80	67	75	51	72	78	70	74	76	82	83	82	82	71	68	79	78	76	72	69	75	56	53	73	77	72	75	75	77	66	72.8
	Minimum	41	51	50	42	44	41	50	50	45	42	53	64	65	58	58	63	60	57	51	42	56	50	50	51	45	48	52	59	56	57	51.7
Okay	Maximum	80	79	78	75	73	80	78	78	81	83	83	81	84	83	78	82	82	82	82	75	73	72	55	71	75	77	77	77	75	73	77.4
	Minimum	45	55	55	49	42	49	53	50	51	51	52	64	62	62	63	66	64	66	63	45	50	50	51	54	49	53	56	53	61	60	54.8
Ozark.............	Maximum	82	74	77	74	67	78	75	70	76	84	84	87	85	78	64	78	82	74	75	75	72	70	70	74	76	72	73	75	78	75	75.8
	Minimum	41	55	54	42	44	44	53	50	43	45	52	59	64	57	56	59	62	57	61	42	44	49	48	47	46	49	53	47	57	57	51.2
Paragould....... .	Maximum	70	75	70	67	63	71	71	74	74	77	83	84	82	82	71	77	79	82	78	69	70	61	62	69	73	71	74	78	81	75	73.8
	Minimum	43	49	51	50	47	41	53	46	51	45	50	53	56	57	61	62	59	65	66	49	48	48	48	53	51	43	50	46	50	51	51.4
Perryville	Maximum	82	72	73	63	68	77	70	73	77	83	84	86	84	..	..	..	80	79	79	70	75	69	58	74	76	74	76	77	81	76	75.4
	Minimum	34	34	51	44	44	44	51	41	42	37	48	59	65	..	..	..	61	61	69	46	42	51	50	51	47	44	52	43	55	60	49.1
Pine Bluff.........	Maximum	83	81	77	66	66	78	70	78	79	85	86	88	86	82	75	77	75	79	79	72	72	66	56	69	73	72	76	77	80	72	75.8
	Minimum	48	58	56	52	50	45	54	48	52	53	55	59	61	61	61	67	64	64	64	48	53	49	50	53	52	52	57	54	57	63	55.3
Pocahontas	Maximum	75	73	70	68	65	73	72	75	76	80	85	86	84	81	77	78	82	84	78	72	71	69	67	73	75	74	77	80	81	78	76.0
	Minimum	40	50	51	48	46	41	54	46	50	44	52	53	53	60	58	61	60	63	62	62	63	49	48	55	49	45	51	48	51	54	52.3
Portland	Maximum	82	82	80	74	70	80	71	78	80	85	85	88	85	83	80	84	80	84	86	80	72	66	59	71	76	73	75	78	80	82	78.3
	Minimum	48	53	53	52	50	44	58	50	54	62	54	55	56	53	60	62	62	63	68	51	52	57	52	52	51	50	55	55	56	59	54.9
Prescott...........	Maximum	82	78	79	71	72	81	77	78	81	85	86	87	86	83	77	81	83	83	80	75	76	72	55	73	79	78	80	78	80	76	78.4
	Minimum	48	55	55	50	44	46	51	52	53	52	55	60	57	61	62	67	64	65	64	46	49	54	51	54	50	52	56	52	59	60	54.8
Rogers	Maximum	80	73	73	60	60	80	72	62	70	80	82	85	82	75	67	78	80	72	74	62	65	66	62	67	70	73	73	75	75	73	72.2
	Minimum	44	54	53	39	40	43	52	53	42	46	55	58	65	55	56	55	64	56	56	39	43	49	47	50	47	47	52	47	55	56	50.6
Russellville......‡‡	Maximum	85	81	78	73	67	73	72	72	76	85	86	89	88	81	70	76	77	78	78	75	73	75	60	75	78	77	78	76	80	79	77.0
	Minimum	40	56	55	43	42	56	52	51	45	45	49	54	60	60	58	61	62	58	66	44	43	50	50	49	49	45	54	46	55	59	51.9
St. Charles ......§§	Maximum	82	81	76	66	71	76	70	75	78	85	85	86	82	82	77	78	77	81	83	71	73	55	58	71	76	73	76	78	80	75	75.9
	Minimum	47	52	55	51	44	42	50	48	51	48	54	55	56	59	64	65	60	66	68	48	48	52	49	51	49	47	54	54	54	59	53.6
Searcy	Maximum	83	81	73	69	68	73	70	76	78	85	86	87	85	80	74	78	80	82	78	70	74	66	62	74	77	74	75	80	82	75	76.5
	Minimum	43	53	55	50	47	40	58	45	48	45	49	53	54	58	59	60	59	62	66	46	44	48	49	51	48	45	53	46	52	60	51.5
Stuttgart	Maximum	82	82	75	70	63	76	72	79	79	83	84	86	84	80	72	78	77	80	78	72	73	54	58	71	75	73	75	78	79	73	75.4
	Minimum	46	53	55	49	47	42	56	47	49	49	52	56	57	57	60	63	60	64	64	47	51	51	49	52	48	48	55	52	54	60	53.1
Stuttgart . ....‡‡§§	Maximum	81	81	76	62	61	76	68	75	77	82	84	85	83	81	72	76	75	80	79	69	72	54	57	70	74	72	75	78	80	80	74.5
	Minimum	45	54	56	49	48	42	57	46	48	49	54	58	59	55	60	61	61	64	64	48	51	51	49	51	50	48	55	51	55	60	53.3
Subiaco	Maximum	82	74	79	70	65	78	69	68	74	84	85	86	86	79	67	79	78	76	75	66	74	67	58	73	75	75	77	75	79	74	74.9
	Minimum	46	58	54	41	45	45	51	54	51	48	56	65	68	56	56	62	63	59	63	42	47	49	48	50	50	49	54	48	56	58	53.1
Texarkana	Maximum	82	76	79	71	75	81	76	79	83	85	84	82	85	80	77	78	85	83	78	70	75	69	55	71	79	73	79	77	75	70	77.1
	Minimum	50	56	55	49	41	52	52	51	54	53	56	62	60	60	63	66	65	68	70	47	50	49	52	53	50	54	58	55	62	62	55.8
Turnpike..........	Maximum	77	68	72	62	62	71	63	65	72	78	79	81	81	70	60	68	68	72	69	63	67	59	53	67	70	71	71	72	74	66	69.0
	Minimum	56	52	50	38	38	46	48	49	47	55	60	62	61	52	53	54	54	56	57	37	46	45	44	47	48	47	52	53	57	53	50.6
Waldron	Maximum	83	75	77	70	69	80	76	74	78	84	85	87	85	80	69	80	81	80	75	76	74	72	56	75	76	..	76	76	80	75	76.7
	Minimum	39	58	50	40	44	40	52	47	42	42	49	65	67	58	57	62	63	60	60	42	41	50	48	50	49	..	49	45	50	58	50.9
Warren	Maximum	81	79	77	78	71	78	76	77	81	85	87	88	85	88	83	77	80	82	78	72	73	69	56	70	78	74	78	79	81	77	77.9
	Minimum	48	56	55	52	50	58	45	50	51	50	54	58	58	58	58	65	66	62	64	48	50	52	51	53	51	48	55	52	56	62	54.5
White Rock	Maximum	75	74	70	67	65	72	65	66	71	76	79	82	78	72	59	72	74	65	69	65	67	62	64	62	72	66	70	71	73	65	69.6
	Minimum	56	54	50	36	37	39	50	50	49	56	58	67	60	52	52	55	59	57	57	35	47	49	46	48	50	51	54	53	58	53	51.3
Wilson	Maximum	75	75	74	72	65	77	72	77	78	84	84	90	88	83	82	83	84	82	83	82	70	64	61	69	75	73	75	80	82	80	77.3
	Minimum	41	48	52	47	46	38	52	44	49	44	50	55	58	58	60	62	60	62	67	48	46	50	48	50	48	42	49	48	52	52	50.9
Wynne	Maximum	79	79	75	73	69	15	73	76	78	83	86	85	85	81	77	77	80	81	80	79	79	66	59	79	73	70	74	78	79	75	76.8
	Minimum	46	52	55	57	48	42	58	49	48	47	59	60	60	56	60	63	72	65	67	47	47	52	49	50	47	45	50	52	54	59	53.9

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Hope, ...§§ Exp. Farm	Evap.	.151	.201	.246	.254	.207	.171	.238	.173	.230	.218	.273	.256	.173	.300	.190	.120	.131	.121	.159	.262	.190	.231	....	....	.206	.167	.200	.229	.144	.228	6.074
	Mean tem.	63	62	66	54	58	62	64	62	66	66	68	70	70	70	68	72	74	74	70	60	60	53	52	60	62	62	65	78	65	64	64.2
	Wind move	37	40	77	86	109	37	42	38	51	24	36	44	60	43	60	70	53	56	77	74	32	58	80	54	30	19	43	34	32	34	1530
Irons Fork... §§ Exp. Forest	Evap.	.123	.166	.017	.144	.048	.132	.159	.039	.149	.165	.188	.240	.215	.265	.024	.000	.050	.219	.117	.100	.138	.174	.041	.029	.120	.119	.152	.047	.146	.179	3.705
	Mean tem.	58	60	62	44	56	58	60	58	58	62	72	74	74	64	62	68	69	18	66	54	57	51	52	60	58	59	64	64	66	61	61.0
	Wind move	13	47	15	24	33	19	34	8	16	13	31	44	53	65	36	43	36	45	56	38	16	20	17	4	9	8	13	11	5	37	809
Russellville.... Ozark Nursery.	Evap.	.112	.132	.106	.690	.138	.182	.242	.154	.244	.113	.293	.278	.338	.142	.080	.014	.090	.080	.124	.244	.180	.067	.125	.080	.176	.182	304	.182	.188	.076	5.356
	Mean tem.	62	68	66	58	54	64	62	62	60	60	68	66	74	70	64	68	70	68	72	60	58	62	55	62	64	51	66	63	68	69	64.4
	Wind move	16	30	49	65	85	30	38	38	43	16	16	27	48	22	20	26	25	31	69	92	20	24	23	9	9	13	31	21	17	80	1033
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.070	.174	.206	.129	.174	.073	.192	.050	.131	.171	.199	.219	.235	.394	.101	.022	.094	.080	.139	.146	.168	.180	.006	.013	.141	.149	.211	182	.194	.227	4.470
	Mean tem.	63	68	66	56	54	59	62	60	64	66	69	72	71	68	66	68	68	72	72	58	62	52	53	60	62	60	65	64	68	70	63.9
	Wind move	23	28	71	131	172	45	80	41	29	34	34	41	61	98	90	112	78	103	133	140	52	50	85	34	45	17	44	41	26	54	1983

Daily Precipitation for April, 1941 Hydrologic Stations

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Alicia [1] ‡	White	....	.69	1.76	....	....	....	....	....	....	....	....	....	....	.08	.31	.02	.03	.05	.57	....	....	.01	.41	....	....	....	....	....	....	.04	3.97
Antoine(near) [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Beaty Lake(near)	St. Francis	....	....	1.34	.25	....	....	....	....	....	....	....	....	....	....	.68	....	.06	....	....	.36	....	.31	.90	....	....	....	....	....	....	....	3.90
Beedeville [2]	White	....	....	1.52	.29	....	....	....	....	....	....	....	....	....	....	.34	.38	....	.03	....	.86	....	....	.85	....	....	....	....	....	....	....	4.27
Blue Mountain [2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Briggsville [1] ‡	Arkansas	....	.09	.25	....	....	....	21	....	....	....	....	....	....	.62	.39	.01	.15	.18	.08	....	....	.23	.37	....	....	....	....	....	....	.51	3.09
Cabot[2]	Arkansas	....	....	1.80	.20	14	....	....	....	....	....	....	....	....	....	.30	.10	....	....	....	1.70	....	....	.60	.30	....	....	....	....	....	....	5.14
Carlisle[2]	Arkansas	....	....	1.66	.08	....	....	....	.02	....	....	....	....	....	....	.52	.41	.03	1.00	.02	.52	....	....	1.22	.05	....	....	....	....	....	....	5.53
Carpenter Dam[1]	Ouachita	....	.53	.13	....	....	....	.25	....	....	....	....	....	....	.06	.07	....	....	.12	.19	....	....	1.05	.69	....	....	....	....	....	....	.57	3.66
Clarksville [1] ‡	Arkansas	....	.65	.15	....	....	.02	.27	....	....	....	....	....	....	.56	.63	....	.24	.18	.10	....	....	.30	.22	....	....	....	....	....	....	.30	3.62
Clay SCS 2	Arkansas	....	....	1.22	.26	....	....	....	....	....	....	....	....	....	....	.39	.08	....	.48	....	....	....	.47	.72	....	....	....	....	....	....	....	3.42
Compton [1] ‡	White	....	.10	....	....	....	....	.27	....	....	....	....	....	....	.50	.79	.27	.27	.10	.11	....	....	....	.06	....	....	....	....	....	....	.12	2.79
Denmark [2]	White	....	....	1.83	.25	....	....	....	....	....	....	....	....	....	....	.11	.20	.06	....	....	1.00	....	.14	.76	....	....	....	....	....	....	....	4.35
Dermott [2]	Mississippi	....	....	.83	.31	....	....	....	.10	....	....	....	....	....	....	....	....	....	.08	....	1.35	....	....	.35	.66	....	....	....	....	....	....	3.68
Eleven Point[2]	White	....	....	1.43	.90	....	....	....	....	.13	....	....	....	....	....	....	.20	....	....	....	.26	....	....	.08	....	....	....	....	....	....	....	3.0
Evening Shade[2]	White	....	....	1.21	.48	....	....	....	.02	....	....	....	....	....	....	.18	.21	.02	.03	.04	.03	....	....	.22	....	....	....	....	....	....	....	2.44
Foreman [1] ‡	Red	....	.21	.01	....	....	....	.38	....	....	....	....	....	....	.11	.02	*	.18	.35	.42	....	....	2.82	1.69	.10	....	....	....	....	.45	2.85	9.59
Green Forest [2]	White	....	....	....	....	....	....	.60	.50	....	....	....	....	....	....	....	1.80	....	.90	2 60	....	....	....	....	....	....	....	....	....	....	.30	6.70
Greenwood[2]	Arkansas	....	....	.16	....	....	....	.38	.04	....	....	....	....	....	....	.62	.73	....	.67	.32	....	....	.39	.23	....	....	....	....	....	....	.52	4.06
Hardy[1] ‡	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Harrisburg [2]	St. Francis	....	....	1.15	.35	....	....	....	....	....	....	....	....	....	....	23	.32	....	.02	....	1.49	....	....	.89	....	....	....	....	....	....	....	4.45
Huntsville[2] ‡	White	....	....	....	....	....	.19	.18	....	....	....	....	....	....	.59	1.17	.37	1.74	.35	1 02	....	....	....	07	....	....	....	....	....	.10	.10	5.8
Jacksonville[2]	Arkansas	....	....	1.74	.13	....	....	....	.11	....	....	....	....	....	....	.45	.06	.04	.06	....	1.89	....	.01	.78	.05	....	....	....	....	....	....	5.3
LaCrosse [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Lake City[2]	St. Francis	....	....	1.00	.23	....	....	....	....	....	....	....	....	....	....	*	.55	.08	....	....	1.30	....	....	.45	....	....	....	....	....	....	....	3.6
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Mountain View [2]	White	....	....	.45	.41	....	....	....	....	....	....	....	....	....	....	.37	.24	....	.19	.06	.11	....	....	.32	....	....	....	....	....	....	....	2.1
Newhope(near) [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Nimrod[2] ‡	Arkansas	....	.42	.52	....	....	....	.30	....	....	....	....	....	....	.26	.23	....	.25	.30	....	....	....	.25	.30	....	....	....	....	....	....	.45	3.2
Odell (near)	Arkansas	....	.05	....	....	....	....	.31	....	....	....	....	....	.01	....	.95	1.40	.23	.03	4.21	....	....	....	.33	.05	....	....	....	....	....	.48	8.0
Parthenon [2] ‡	White	....	.11	....	....	....	....	.16	....	....	....	....	....	....	.63	.99	.22	.74	.09	.32	....	....	.01	.13	....	....	....	....	....	....	.05	3 4
Pottsville[2]	Arkansas	....	*	.90	....	....	....	.05	....	....	....	....	....	....	1.02	....	.54	....	.42	.24	....	....	.74	.58	....	....	....	....	....	....	....	4.4
St. Paul[2]	White	....	....	.15	.02	....	....	.73	.06	....	....	....	....	....	....	.53	2.00	.17	.13	.75	....	....	....	.27	....	....	....	....	....	....	.45	5.2
Shirley [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Solgahachie[2]	Arkansas	....	*	*	.94	....	....	....	....	....	....	....	....	....	.03	.25	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	....	......
Sparkman [2]	Ouachita	....	....	1.67	....	....	....	....	.88	....	....	....	....	....	....	.37	.02	....	.38	....	.54	....	09	5.20	.38	....	....	....	....	....	.06	9.5
Tichnor [2]	White	....	....	1.05	.02	....	....	....	.35	....	....	....	....	....	....	....	....	....	....	.03	1.74	....	....	2.80	.24	....	....	....	....	....	....	6.2
Vick [2]	Ouachita	....	....	1 00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	....	....	....	1.75	....	....	....	....	....	....	2.8
Wheeling[1] ‡	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.23	.30	.05	....	.10	....	.11	....	....	.13	.03	....	....	....	....	....	.11	......
Winfrey[1] ‡	Arkansas	.03	.03	....	....	....	.25	.17	....	....	....	....	....	....	.55	1 45	.29	.19	.15	1.02	....	....	.20	.12	....	....	....	....	....	.09	.28	4.7

Daily River Stages for April, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	5.8	5.7	5.6	5.3	5.3	5.2	5.2	5 2	5.2	5.1	5.4	5.5	5.4	5.2	5.3	8.3	14.4	19.6	22.2	28.7	30.8	31.4	30.6	28.0	22.0	18.8	17.3	16.8	15.3	11.3
Van Buren	do	22	4.4	4.0	3.9	3.8	3.7	3.6	3.6	3.6	3.6	3.5	4.0	4.2	3.9	3.7	3.8	8.3	13.5	18.9	21.5	27.7	30.0	30.8	30.1	28.1	22.3	20.0	18.6	18.4	15.9	12.5
Mulberry	Mulberry	18	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.5	5.9	4.7	4.2	4.5	4.7	4.0	3.5	3.1	2.9	2.6	2.4	2.3	2.1	2.0	2.0
Danville	Petit Jean	20	4.2	4.1	4.1	4.7	4.8	4.3	4.1	4.7	4.8	4.8	4.6	4.4	4.3	4.1	5.0	9.8	16.0	15.0	14.0	14.7	14.2	11.3	9.2	10.8	13.4	11.8	9.5	7.9	6.9	6.2
Ozark	Arkansas	22	0.9	0.9	0.8	0.7	0.5	0.4	0.3	0.3	0.4	0.3	0.3	0.7	0.8	0.5	0.4	2.4	6.1	12.5	15.3	21.0	24.0	25.5	25.8	24.5	20.4	15.3	13.8	12.8	12.1	9.0
Dardanelle	do	22	3.2	3 3	3.5	3.7	3.5	2.3	3.1	3.2	3.1	3.0	2.9	2.9	3.2	3.2	3.3	3.8	3.9	12.3	17.5	20.8	24.2	26.2	27.1	27.2	25.6	21.3	17.8	16.2	15.5	13.8
Morrilton	do	20	-0.6	-0.7	-0.5	-0.3	0.2	0.0	-0.3	-0.5	-0.5	-0.7	-0.9	-1.0	-1.0	-0.8	-0.8	-0.5	1.0	6.0	13.2	16.6	20.1	22.2	23.1	23.4	22.7	20.2	16.8	15.0	13.9	12.8
Little Rock	do	23	1.4	1.3	1.6	2.1	2.6	3.0	2.7	2.3	2.1	1.9	1.7	1.5	1.3	1.2	1.3	1.3	1.5	2.8	8.7	13.9	17.8	20.3	21.6	22.2	22.2	21.1	18.7	16.4	14.7	13.6
Pine Bluff	do	25	4.5	4.5	4.6	5.0	5.4	5.9	6.1	5.8	5.5	5.3	5.1	4.9	4.7	4.5	4.5	4.5	4.5	4.7	6.7	15.0	19.3	22.3	24.3	25.5	26.5	26.3	24.2	21.7	19.9	18.8
Gilbert	Buffalo	30	3.5	3.4	3.6	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.7	6.0	5.6	6.4	6.6	5.7	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	4.0
Doniphan, Mo.	Current	10	2.4	2.4	3.9	4.7	5.1	5.0	4.7	4.5	4.2	4.2	4.0	4.0	4.0	3.9	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.7	3.7	3.6	3.6	3.6
Black Rock	Black	14	1.8	1.9	2.5	7.7	8.4	8.9	8.2	7.4	6.7	6.0	5.7	5.5	5.3	5.1	4.9	4.8	4.7	4.5	4.7	5.8	6.0	5.8	5.8	5.7	5.6	5.4	5.2	4.9	4.8	4.7
Heber Springs	Little Red	30	4.0	3.9	4.0	6.0	10.0	8.2	7.4	6.8	6.4	6.0	5.7	5.4	5.2	5.0	4.8	5.2	7 0	7.0	7.2	7.4	7.9	7.3	7.0	7.2	7.0	6.6	6.2	5.9	5.6	5.3
OzarkBeachMo	White	30	-0.6	-0.6	0.2	0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	15.0	16.6	13 8	23.8	28.1	27.8	18.1	10.0	8.1	7.0	6.2	5.2	5.2	4.8	4.6
Cotter	do	21	2.4	3.2	3.2	3 0	3.2	3.6	3.5	2.3	2.9	3.0	3.0	2.9	2.8	2 1	2.1	3.2	18.0	17.2	14.2	23.8	27.3	26.8	17.4	10.6	8.8	7.9	7.4	6.5	6.0	5.9
Calico Rock	do	18	1.8	1.4	2.1	2.2	3.3	2.7	2.7	2.5	1.8	2.2	2.2	2.1	2.1	1.8	1.7	2.1	2.1	19.1	14.6	16.6	25.0	26.8	19.2	11.9	9.1	7.9	7.0	6.3	5 8	5.4
Batesville	do	23	6.1	5.7	6.0	7.3	8.8	7.6	7.1	6.8	6.5	5.9	6.1	6.1	6.0	5 9	5.9	5.7	6.0	22.1	22 4	20.0	26.2	29.3	29.9	23.6	16.5	14.1	12.8	11.8	11.0	10.4
Newport	do	26	1.9	1 6	1.8	3.8	6.1	7.8	7.3	6.9	6.3	5.7	4.9	4.5	4.2	4.0	3.9	3.7	3.5	6.0	18.1	20.1	21.0	23.8	26 0	27.2	26.1	23.9	21.4	18.7	16.0	13.7
Georgetown	do	21	3.6	3 6	3.6	4.6	6.4	9.3	11.7	11.2	10.8	10.4	9.6	8.8	8.1	7.6	7.0	6.7	6.4	6.2	8.2	14.5	16.4	17.2	18.0	18.8	20.0	21 8	22.5	22.6	22.4	22.0
Des Arc	do	24	6.4	6.4	6.7	6.8	9.6	11.4	13.1	13.9	14.1	13.8	13.2	12.4	11.5	10.7	10.2	9.8	9.7	9.1	9 6	13.6	16.4	17.7	18.5	19 3	19.9	20.8	21.7	22.5	23.2	23.6
Clarendon	do	26	11.2	11.1	11.1	11.9	12 9	14.1	15.7	17.1	17.9	18.2	18.3	18.1	17.7	17.1	16.6	16.2	15.8	15.5	15.2	15 9	18.2	19 6	20.8	21.7	22.3	22.8	23.3	23.8	24.4	25.0
St. Charles	do	25	11.4	11.2	11.3	11.6	12.4	13.4	14.4	15.7	16.6	17.2	17.5	17.6	17.4	16.9	16.6	16.3	15.9	15.5	15.2	25.3	16.3	17.8	19.3	20.4	21.0	21.5	22.2	22.5	22.8	23.1
Glenwood	Caddo	..	5.3	5.2	5.2	6.0	5.8	5.7	5.6	6.1	5.9	5.8	5.7	5 6	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.6	5.6	5.5	7.0	6.8	6.5	6.2	6 0	5.9	5.8	6.2
Arkadelphia	Ouachita	17	6.4	6.8	7.7	8.2	7.6	7.0	5.5	7.2	7 7	7.4	7 3	7.2	7.1	6.3	6.7	7.1	7.0	7.0	7.0	7.4	6.4	6.7	11.5	13.7	10.6	9.3	9.2	7.9	7.7	8.1
Boughton	Little Mo.	20	6.0	6.1	7.5	11.6	12.6	10.1	8.3	8.3	10.9	10.5	8.7	7.6	7.1	6.7	6.4	6.1	6.1	6.2	7.1	8.0	8.2	7.2	14.4	18.4	20.5	18.7	16.0	11.8	9.2	8.3
Camden	Ouachita	26	7.8	7.7	10.0	14.3	17.0	18.5	18.3	18.0	17.2	16.7	16.2	15.4	14.3	12 3	10.7	9.3	9.0	8.9	8.9	9.4	10 1	10.5	10.1	19.6	26.3	29.0	30.2	30.6	30.0	28.8
Benton	Saline	20	5.6	5.5	10.0	9.9	8.6	8.0	7.2	8.4	7.7	7.2	6.9	6.7	6.4	6.2	6.1	6.1	6.0	5.9	5.9	6.0	5.9	5.8	7.9	9.8	8.6	7.7	7.1	6.7	6.4	6.1
Whitecliffs	Little River	25	4.0	4.0	4.0	7.8	7.0	6.0	5.9	4.8	4.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	10.0	15.5	17.0	19.5	22.2	2[illegible].8	23.6	24.8	25.2	25.5	25.3	24.9	24.0	22.9
Index	Red	25	7.0	7.8	7.8	8.2	8 2	8.2	8.2	8.0	7.9	7.2	8.0	9.1	9.2	9.2	8.6	8.2	14.4	17.2	17.2	19.5	20.4	19.4	18.6	20.7	23.8	24.6	23.2	20.2	18.0	16.4
Fulton	do	25	7.5	9.1	8 5	9.3	9.0	8.6	8.0	7.6	7.5	7.7	7.8	8.1	8.3	8.2	7 8	7.3	12.5	17.2	19.0	20.4	22.0	22.0	21.7	23.0	25.9	27.4	27.3	25.7	23.7	22.0
Big Lake Outlet	St. Francis	10	4.1	4.2	4 3	4.3	4.3	4.2	4.2	4 3	4.3	4.3	4.4	4.3	4 3	4.2	4.3	4.4	4.4	4.3	4.2	4.6	4.7	4.6	4.7	4.9	4.9	4.8	4.7	4.6	4.5	4.4
St. Francis	do	18	4.0	3.9	8.9	4 8	5.2	6.0	6.0	5.5	6.4	6.7	7.4	6.9	5.9	5.1	4.7	4.3	4.1	4.0	3.6	3.5	3.5	4.9	4.0	3.7	4.4	5.1	5.5	5.7	5.9	6.0
St. Francis L.L.	do	..	18 6	18.3	18.1	18.7	18.6	18.9	18.8	18.9	19.2	19.3	19.3	19.3	19.1	19.0	19.3	19.3	19.3	19.1	19.0	19.3	19.6	19 7	19.8	19.8	19.8	19.8	20.0	20.2	20.0	19.3
Marked Tree	do	17	5.3	5.4	5.3	4.4	4.9	4.5	5.0	4.6	3.6	3.9	3.9	3.9	4.8	4.8	3.4	4.0	4 0	4.0	5 0	4.8	3.7	3.6	3.6	3.7	3.9	3.0	1.9	1.3	2.9	5 9
Parkin	do	28	4.0	4.6	4.9	4.9	4,5	4.5	4.5	4.6	4.5	3.9	3.7	3.8	3.7	4.1	4.3	3.9	3.8	3.9	3 9	4.5	5.1	4.4	4.0	4.3	4.3	4.2	3.8	3.3	2.7	3.0
Madison	do	32	2.4	2.5	3.1	3.5	3.3	3.0	2.8	2 7	2.7	2.6	2.3	2.2	2.2	2.1	3.2	4.2	3.7	3.5	3 5	3.5	4.2	4.3	4 3	4 3	4.8	5.3	5 9	6.3	6.3	6.3
Helena	Mississippi	42	13.3	13.4	13.7	14.1	14.4	14.3	14.1	14.1	14.3	15.0	16.3	18.1	19.8	21.1	22.0	22.4	22.6	22.8	22.7	22.5	22.2	21.9	22.3	23.2	24.3	25.3	26.1	26.7	26.9	26.8
Arkansas City	do	42	9 8	9.6	9.7	9.9	10.1	10.5	10 7	10 8	10.9	11.0	11.4	12.2	13.6	14.8	15.9	11.6	17.1	17.4	17.4	17.5	18.1	19.6	20.9	22.0	22.9	23 8	24.8	25.2	25.3	25.0

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having
or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year peri
for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †P
office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation r
corded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amou
recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation le
than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clov
Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena
Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry,Route
Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§The
mometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No recor

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

XLVI Little Rock, Ark., May, 1941 No. 5

e: 25 cents per year (not stamps). Remit to Superintendent of Documents, gton, D. C.

GENERAL SUMMARY

month was somewhat warmer than normal and was the est May since 1933. Considering the State as a whole, ean temperature was 71.4°, which is 2.2° above normal. temperatures at individual stations ranged from 74.4° arkana to 65.8° at Turnpike. The highest temperature ed during May was 97° at Dumas on the 21st and 22d; west was 40° at Gilbert on the 13th. The warmest weath- urred between the 21st and 23d, the coolest from the o 13th. By referring to the Comparative Data table on age it will be seen that temperatures as high as 107° and as 24° have been experienced in previous years. There n average of 14 clear, 10 partly cloudy and 7 cloudy n May. Sunshine averaged 72% of the possible amount, slightly above normal.

destructive winds were reported during the month. The t recorded wind velocity was 30 miles per hour at Little during a thunderstorm on the 23d.

, 1941, was drier than in previous years, precipitation ting to only 45% of normal. For the State as a whole, infall totaled 2.22 inches, which is 2.68 inches below the r average. The largest amount reported from an indi- station was 6.25 inches at Hope, the least was 0.31 inch at d Tree. The heaviest rainfall in 24 hours was 2.74 inches pe on the 5th. There were an average of six days with a rable amount of rain. As in previous months of the t year, stations in the northeastern sections had the least itation, several reporting less than an inch. Some sta- in Benton and Washington counties in the northwest, esha and adjacent counties in the southeast, also reported an an inch of rain. Only nine stations reported more than nches. Records from four evaporation stations show that ean evaporation in the State during May was 5.759 inches.

vy rains on the watershed of the Ouachita River resulted d stages at Camden from the 8th to 14th. The flooded ds caused some delay and damage to farm crops in Oua- Calhoun and Union counties. The lower White reached e of 26.2 feet, 0.2 feet above flood stage at Clarendon on h, and 21.5 feet, 0.5 feet above flood stage at George- on the 1st. Other streams in the Little Rock District t reach flood stage during the month.

ton planting was completed early in May and chopping earlier planted proceeded rapidly during the latter part. ights and lack of moisture delayed germination and h somewhat. Corn made good progress, on the average, although lack of moisture at times and cut-worm activity inflicted some damage. As the month ended, oats were being harvested in the southern sections and there was some cutting of wheat along the northern border. The Irish potato crop suffered considerably in the drier sections. An excellent strawberry harvest was completed during the month.

B. N. W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	30.02	30.42	10	29.65	6	6.6	21	sw.	14	..	..	..	75
Fort Smith..	29.96	30.26	24	29.61	6	7.0	24	sw.	14	77	52	53	67
Little Rock..	30.01	30.29	10	29.88	31	7.3	30	nw.	23	87	55	62	72
Memphis	30.01	30.27	10	29.63	6	7.1	22	sw.	14	79	44	50	77

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	3	6	2	..	3	3	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	5
Light hail	..	..	.	..	..	.	..	..	..		..	..	..	..	..	..	..	..	..	.	..	.	..	.	..	..	..		..	..	..
Moderate hail .	.	..	..	..	1	..	..	3	1	..	..	..	..	..	..	.	..	..	..	..	..	..	1	..	..	.	.	.	..	.	..
Thunderstorm .	1	1	6	2	2	3	2	5	5	.		..	..	4	..	5	8	..	2	1	..	1	11	1	..	10	1	..	3	..	..

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67 8	95	36	9.52	0 0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0 0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70 8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67 6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0 0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4.85	0.0	10	13	9	9
1940	66.6	96	33	3.62	0.0	9	17	8	6
1941	71.4	97	40	2.22	0.0	6	14	10	7
Period.......	69.2	107	24	4.90	T.	8	14	9	8

Climatological Data for May, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	70.4	......	89	21§	48	13	35	4.25	......	1.13	0.0	9	11	11	9	sw.	L. R. Water Works
Arkadelphia	Clark	200	45	73.2^{c}	......	92^{c}	22§	52	13	33^{c}	3.58	−1.55	1.60	0.0	9	16	10	5	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	0.68	−4.29	0.35	0.0	4	7	16	8	......	George W. Reitzammer
Batesville Airway	Independence	363	4	71.1	+ 4.1	95	21	44	13	42	1.80	......	1.04	0.0	4	7	14	10	se.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	2.02	−2.97	1.05	0.0	5	21	6	4	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	69.9^{a}	+ 1.6	90^{a}	21§	46^{a}	13	34^{a}	2.15	−2.91	1.05	0.0	4	13	12	5	e.	J. E. Scanlan
Benton	Saline	285	5	70.8	......	91	23	48	13	36	3.25	......	1.25	0.0	6	18	11	2	sw.	S. A. Burks
Bentonville	Benton	1295	35	69.9	+ 4.4	90	31	47	12	30	0.64	−4.57	0.41	0.0	6	9	13	9	s.	U. S. Weather Bureau
Bethesda †	Independence	500	1	69.8	......	92	22	43	19	46	1.45	......	1.05	0.0	4	10	19	2	s.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	0.52	......	0.30	0.0	5	22	5	4	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	1.89	−2.84	0.92	0 0	6	23	2	6	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	73.0^{a}	+ 2.8	96	20§	47^{a}	9§	39^{a}	0.68	−3.24	0.37	0.0	4	18	6	7	s.	Samuel Norris
Booneville (near)	Logan	465	26	71.2	+ 1.4	92	22	48	12	39	2.29	−3.39	0.89	0.0	10	11	15	5	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	4.98	......	1.43	0.0	6	16	5	10	......	Ruby A. Buie
Brinkley	Monroe	205	49	72.0	+ 2.0	93	21§	46	13	38	2.10	−3.29	0.82	0.0	6	13	14	4	sw.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	2.43	−2.22	0.83	0.0	8	14	6	11	......	William Jones
Camden	Ouachita	116	55	73.4	+ 2.6	94	22§	53	13	37	3.43	−1.29	2.12	0.0	6	9	9	13	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	0.72	−3.84	0.45	0.0	4	16	6	9	s.	R. M. Wheatley
Clinton †	Van Buren	516	19	......	......	......	......	......	......	......	2 24	−2.59	1.40	0.0	2	24	5	2	se.	Doyle G. Love
Clover Bend	Lawrence	235	..	69.7	.. ...	95	28	42	18	46	1.67	......	1.32	0.0	3	11	18	2	s.	Farm Security Adm.
Conway	Faulkner	309	57	71.2	+ 1.2	92	21§	52	12§	32	2.53	−2.53	1.10	0.0	6	17	12	2	s.	E. E. Cordrey
Corning	Clay	293	47	72.0	+ 4.0	96	20§	45	13	42	2.13	−2.60	0.81	0.0	4	18	9	4	sw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	2.63	−2.26	1.47	0.0	7	19	8	4	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	70.6	− 1.2	92	23	46	13	37	1.21	−3.44	1.00	0.0	4	20	6	5	s.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	3.11	−2.68	1.64	0.0	7	7	21	3	......	J. M. Patterson
Dardanelle	Yell	330	54	73.2	+ 3.4	93	22	52	12§	31	3.30	−1.89	1.58	0.0	10	9	17	5	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	72.5	......	92	23	49	13	35	2.07	......	0.85	0.0	7	8	21	2	se.	W. A. Douthit
Des Arc	Prairie	204	2	72.7	......	94	22	50	13	35	1.79	......	0.79	0.0	8	7	12	12	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	68.0	......	82	21§	50	10	24	4.09	......	1.62	0.0	10	17	5	9	se.	U. S. Forest Service
Dumas	Desha	162	35	74.2	+ 3.0	97	21§	51	11	39	0.93	−2.54	0.78	0.0	3	10	16	5	s.	Ben Johnson
El Dorado	Union	270	40	73.6	+ 2.2	93	24	55	11§	32	3.25	−0.23	1.85	0.0	8	19	5	7	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	71.4	+ 1.6	91	20	50	17§	35	2.32	−2.17	0.80	0.0	4	9	21	1	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	70.0	+ 3.6	90	31	48	10§	35	1.46	−4.13	0.45	0.0	7	20	9	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	70.2	......	89	21	47	12	35	0.97	......	0.32	0.0	5	5	16	10	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	70.0	+ 3.8	90	31	45	12	33	0.75	−4.54	0.28	0.0	5	9	19	3	s.	University of Arkansas
Fort Smith	Sebastian	448	59	73.4	+ 3.8	90	22	56	8	30	2.19	−2.63	0.65	0.0	10	7	19	5	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	3	......	......	......	......	......	......	......	0.82	......	0.45	0.0	7	7	16	8	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	3.95	−0.70	1.55	0.0	7	13	5	13	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	1.49	−2.26	0.52	0.0	5	26	0	5	......	C. G. Long
Gilbert	Searcy	600	15	67.2	......	90	21§	40	13	37	3.66	−0.78	1.72	0.0	6	20	4	7	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	3.25	......	1.60	0.0	8	11	7	13	......	Chas. A. Price
Grannis	Polk	950	21	70.4	+ 3.4	91	23	51	11	32	1 87	−4.56	0.77	0.0	8	13	11	7	s.	W. E. McVay
Gravette	Benton	1250	43	70.2	+ 4.8	92	31	44	12	34	1.33	−4.09	1.00	0.0	4	17	14	0	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	3	70 9	......	92	19	50	10	30	1.56	......	1.24	0 0	4	18	7	6	sw.	U. S. Forest Service
Harrison	Boone	1052	40	70.0	+ 4.2	93	21§	44	25	42	2.87	−2.34	1.40	0.0	10	24	5	2	s.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	2.25	......	0.95	0.0	6	16	11	4	......	Lester B. Logan
Helena	Phillips	300	68	72.2	+ 1.4	92	21§	48	12§	32	0.87	−3.82	0 41	0.0	6	13	9	9	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	2.60	−2.72	2.00	0.0	3	17	11	3	s	Otto Murphree
Highland	Pike	491	21	72.4^{b}	+ 1.7	90^{c}	23	51	13	24^{c}	2.68	−2.44	0.77	0.0	6	10	17	4	se.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	72.2	+ 1.2	93	23	51	13	33	6.25	+1.05	2.74	0.0	7	10	13	8	se.	Experiment Farm
Hot Springs	Garland	600	49	73.5	+ 3.7	92	21§	55	11§	33	2.26	−3.75	1.16	0.0	5	16	12	3	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	2.45	−1.97	1.00	0.0	5	18	5	8	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	2	68.1	......	89	22	44	12§	40	2.83	......	1.40	0.0	7	11	11	9	sw	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	3.02	−3.02	1.28	0.0	5	5	20	6	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	72.4	+ 2.9	95	21§	47	13	39	0.84	−3 35	0.56	0.0	7	9	14	8	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	67.8	+ 0.4	91	22	41	13§	44	2.22	−2.61	1.46	0.0	7	19	9	3	sw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	72.5	+ 2.2	90	22	57	11	28	4.10	−0.68	2.21	0.0	5	8	8	15	s.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	72.0	......	92	23	52	13	32	2.55	......	1.16	0.0	5	8	8	15	s.	W. B. Airport Station
Lutherville †	Johnson	775	42	70.6	+ 2.6	90	22	50	12	31	4.06	−1.21	1.69	0.0	8	17	7	7	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	1.99	−2.11	0.68	0.0	4	3	4	23	......	J. W. Eppes
Magnolia	Columbia	315	24	74.2	+ 2.8	94	22	54	11	33	4.56	+0.09	2.60	0.0	6	4	20	7	se	State Agri. School
Mammoth Spring	Fulton	600	36	69.9^{b}	+ 3.9	94^{b}	21§	42^{b}	13	43^{b}	2.40	−2.19	1.10	0.0	7	12^{b}	13^{b}	4^{b}	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	72.0	+ 1.8	94	19§	45	13	39	1.65	−2.63	0.65	0.0	4	9	13	9	s.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	70.0	+ 1.0	94	20	44	13	42	0.31	−4.39	0.31	0.0	1	21	9	1	s.	Charles Walton
Mena	Polk	1207	52	71.7	+ 3.1	90	22§	52	13	35	2.97	−3.27	1.65	0.0	10	17	9	5	sw.	E. W. St. John
Monticello Airway	Drew	273	4	73.2	......	94	23	52	11	32	1.46	......	1.23	0.0	7	8	9	14	s.	Airway Observer
Morrilton †	Conway	315	21	71.6	+ 2.6	93	22	49	25	38	2.17	−2.74	1.55	0.0	8	10	12	9	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	1.17	......	0.61	0.0	6	18	11	2	sw.	C. A. Lovell
Mountain Home †	Baxter	800	28	69.6	+ 3.5	91	20§	44	13	40	1.90	−3.11	1.00	0.0	4	18	3	10	sw.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	2.72	......	1.41	0.0	5	19	7	5	s.	J. G. Scott
Mount Ida	Montgomery	702	41	69.7	+ 1.7	92	23	41	17	44	1.72	−4.21	0.97	0.0	5	12	11	8	se.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	2.07	......	1.06	0.0	7	16	10	5	se.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	1.68	......	0.70	0.0	7	12	10	9	......	Clifton Ward
Nashville	Howard	350	2	73.4	......	91	23	54	13	29	1.81	......	0.88	0.0	9	18	11	2	se.	H. B. Carruth
Newport	Jackson	231	57	72.2	+ 2.4	94	21§	46	13	41	1.05	−3.31	0.67	0.0	5	16	13	2	n.	J. D. Henderson
Oden	Montgomery	800	13	70.0	......	88	21§	49	13	34	2.23	−2.60	1.10	0.0	5	4	17	10	se.	U. S. Forest Service
Okay	Howard	288	12	73.4	+ 2.7	92	23	52	13	36	1.80	−2.62	1.07	0.0	5	16	9	6	s.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	0.51	......	0.16	0.0	5	10	18	3	......	G. H. Banks
Ozark	Franklin	396	45	70.3	+ 0.7	92	22	47	12	34	3.08	−2.29	0.74	0.0	9	8	11	12	se.	Orkney O. Milton
Paragould	Greene	275	17	71.2	......	94	21	44	13	42	0.60	−4.20	0.46	0.0	3	23	6	2	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	0.67	−2.85	0.30	0.0	3	15	7	9	......	Carroll King
Perryville	Perry	325	20	71.6	+ 4.2	93	22	48	18§	37	2.54	−3.20	1.07	0.0	4	8	19	4	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	72.7	+ 1.3	91	23	54	13	27	1.60	−3.07	0.59	0.0	5	14	12	5	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	2.81	−2.46	1.02	0.0	6	15	8	8	sw	J. R. Huddleston
Pocahontas	Randolph	300	47	71.0	− 2.7	95	21	43	13	39	2.26	−2.62	1.65	0.0	4	18	6	7	sw.	Benedictine Sisters
Portland	Ashley	122	34	73.4	− 1.8	93	23	51	13	32	0.97	−4.48	0.50	0.0	3	13	9	9	sw.	W. E. Edmiston
Prescott	Nevada	318	52	74.0	+ 3.6	94	23	54	13	33	5.04	−0.01	1.85	0.0	9	17	8	6	s.	W. R. Hambright
Rogers	Benton	1300	50	69.6	+ 3.8	92	31	46	12	33	0.41	− 4.65	0.19	0.0	5	9	21	1	s.	Howard Fowler
Rosebud	Faulkner	680	6	......	......	......	......	......	......	......	2.38	......	1.10	0.0	5	......	......	......	......	G. A. Maddox
Russellville ‡‡	Pope	526	28	72.2	+ 2.6	93	22	49	12	36	3.55	−2.04	1.47	0.0	10	21	6	4	s.	U. S. Forest Service
St. Charles	Arkansas	175	7	72.6^{b}	......	95	23	50^{c}	13	38^{c}	0.69	......	0.31	0.0	4	15	6	10	s	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	2.01	−1.94	1.02	0.0	7	18	2	11	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	71.8	+ 3.3	94	21	47	13	39	3.00	−1.44	1.19	0.0	8	17	7	7	s.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	5.80	+1.33	1.65	0.0	9	15	4	12	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	2.40	−2.67	1.20	0.0	5	19	7	4	s.	S. C. Story
Stuttgart	Arkansas	214	53	72.4	+ 2.5	93	22§	52	11§	33	2.22	−2.63	1.00	0.0	9	19	10	2	s.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	71.1	......	93	21	48	13	32	1.10	......	0.41	0.0	7	......	......	......	......	Rice Experiment Sta
Subiaco	Logan	750	43	71.9	+ 2.0	92	22	48	26	34	2.06	−3.21	1.21	0.0	6	15	12	4	se.	New Subiaco Abbey
Texarkana	Miller	332	56	74.4	+ 3.0	92	22	56	11§	29	3.87	−0.73	1.35	0.0	8	17	9	5	s.	H. S. Brashear

Climatological Data for May, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike†	Pope	2240	16	65.8		79	8	49	10	23	3.17	−2.55	1.88	0.0	7	17	3	11	se.	U. S. Forest Service
Wabash	Phillips	179	1	73.8		95	22§	45	14	41	0.84		0.30	0.0	4	11	13	7	s.	Farm Security Adm.
Waldron	Scott	675	21	71.5[a]		91[a]	20	48[a]	12	40[a]	2.05	−3.95	0.65	0.0	5	7[a]	21[a]	2[a]	se.	Wilson Ferguson
Warren	Bradley	206	46	73.2	− 1.8	92	21§	51	2	34	3.00	−1.70	1.60	0.0	3	14	7	10	se.	C. N. Turner
Whitecliffs	Little River	290	34								2.72	−1.66	1.62	0.0	4	22	1	8		L. M. Snead
White Rock†	Franklin	2285	4	68.0		83	21	52	8§	29	2.59		1.57	0.0	8	11	9	11	se.	U. S. Forest Service
Wilson	Mississippi	237	15	72.8	+ 3.4	93	21	47	12§	39	0.74	−4.26	0.24	0.0	4	22	3	6	s.	D. O. Anderson
Wright	Jefferson	234	1	72.2		94	23	50	13§	32	1.13		1.04	0.0	2	19	8	4	s.	Farm Security Adm.
Wynne	Cross	167	32	71.8	+ 2.5	92	21§	45	13	35	0.70	−4.02	0.43	0.0	4	16	11	4	s.	B. M. Eddins
State Means				71.4	+ 2.2	97	21§	40	13	46	2.22	−2.68	2.74	0.0	6	14	10	7	s.	

Daily Precipitation for May, 1941

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita.	.68			.01	.62	1.13		.45	.64														.45				T.		.25	.02		4.25
Arkadelphia[2]	Ouachita	.31			.03	1.60	1.38	.11		.02			.03																		.08	.02	3.58
Arkansas City[2]	Mississippi					.27	.35	.05	.01																							T.	0.68
Batesville Airway‡	White			.18	.02	1.04	.56	T.																									1.80
Batesville River[2]	White	.12			.21	.03	1.05	.61																									2.02
Bee Branch	Arkansas					.50	1.05	T.										.15						.45									2.15
Benton[2]	Saline	.10				.52	1.16	.18	T.	1.25										T.					.04							T.	3.25
Bentonville[1]‡	Arkansas			.02		.02	.04	.13									.41													.02			0.64
Bethesda***	White.			.06		1.05	.29															.05											1.45
Big Lake Outlet[2]	St. Francis	.07				T.	.30	T.		.09			.03					.03				T.											0.52
Black Rock[2]	White	.03			.22		.92	.53	T.				.05					.14															1.89
Blytheville[2]	St Francis						.24			.03			.04									T.		.37									0.68
Booneville	Arkansas	.55		.04		.31	.89	.02										.03						.10			.02		.02	.31			2.29
Boughton[2]	Ouachita	1.17				1.39	1.43	.18																						.04	.77		4.98
Brinkley	White			.04		.42	.56	.23		.03														.82									2.10
Calico Rock[2]	White	.17			.03	.05	.83	.70	.02							.05		.58													T.		2.43
Camden[2]	Ouachita	.07	.01			.95	2.12	.23																						.05			3.43
Clarendon[2]	White				.01	.18	.45	.08																								T.	0.72
Clinton	White				T	.84	1.40																							T.	T.	T.	2.24
Clover Bend	White					.31	1.32			.04																							1.67
Conway	Arkansas	.08			.19	.32	1.10											.08						.76									2.53
Corning[2]	White					.38	.81	.55										.39															2.13
Cotter[2]	White	.20			.20		1.47	.08								.10												.43			.15		2.63
Crossett [near]	Ouachita				T.	1.00	.07																					.07			.07		1.21
Danville[2]	Arkansas	.11			T		1.64	.12	T.									.42							.56					.10	.16		3.11
Dardanelle[2]	Arkansas	.16			.19	.01	1.58	.04	.02									.38							.49					.35	.08		3.30
De Queen	Red			.03	.23	.35	.48																.05				.08	T.		.85			2.07
Des Arc[2]	White.	.04			.02	.05	.50	.79		.23															.14				.02				1.79
Devils Knob	Arkansas			.10	.08	.22	1.62	.10										.11						.72			.10			.73	.31		4.09
Dumas	Mississippi	T.			T.	.78	.10		T	.05																		T.	T.	T	T.	T.	0.93
El Dorado[2]	Ouachita	.06	.01			1.85	1.12	.06					.05							.01									T.	.09			3.25
England	Arkansas					.80	.50		T.	.52														.50									2.32
Eureka Springs	White	.05	.03	.23			.45	.20							.17															.33			1.46
Fayetteville	White			.29	T.	T.	.32	.17							T.			.18				T.	T.				T		T.	.01			0.97
Fayetteville Exp. S	White.			.28	.03	T.	.22	.21										.01			T.							T.		T.			0.75
Fort Smith[1]‡	Arkansas			.11	.07	.15	.21	.18		T							.02			T.		.01		.65			.17		T	.62	T.		2.19
Fort Smith W.[2]	Arkansas						.16	.05	.07									T.				T.		.02				.02		.05	.45		0.82
Fulton[2]	Red	.47	.18		.63	1.55	.67	.40																						.05	T.	T.	3.95
Georgetown	White					.05	.52	.35		.17															.40								1.49
Gilbert[2]	White				.12		1.72	.09										.45										.89			.39		3.66
Glenwood[2]	Ouachita	.67				.48	1.60	.17		.04															.17					.07	.05		3.25
Grannis	Red	.02		.03	.07	.26	.40			T		T.									.04						T.	.28	T.	.77			1.87
Gravette[2]	Arkansas		.08	.07				.18									1.00																1.33
Green Mountain	White					.27	1.24								.04			.01															1.56
Harrison	White	.07		.45		.05	1.40	.03	.01						.01		T.											.41		.42	.02		2.87
Heber Springs[2]	White.	.12			T.		.95	.63	.03	T.								.25							.27								2.25
Helena[2]	Mississippi					.13	.41	.10		.08											.10								.05				0.87
Higden	White					2.00	.50	.10									T			T					T.								2.60
Highland	Ouachita					.77	.37			.35													.30						.60	.29			2.68
Hope[2]	Red	1.10	.02	T.	.14	2.74	1.26	.19																						T	.80	T.	6.25
Hot Springs	Ouachita					1.16	.75			.07														.02						.26			2.26
Index[2]	Red	.25			.25	.75	1.00	.20																					T.	T.		T.	2.45
Irons Fork[2]	Ouachita				.08	.24	1.40			.17																.36				.48	.10		2.83
Jessieville	Ouachita					.65	1.28	T.		.25														.31						.53			3.02
Jonesboro[2]	White	.02	.01		.07		.56	.11		.06			T.					.01															0.84
Lead Hill	White	.05	T.	T.		.04	1.46	.04							.12												.10		T.	.41			2.22
Little Rock[1]‡	Arkansas	.39			T.	.68	.74		.08	T.								T						2.21				T.	T.	T.			4.10
LittleRock Air'y[1]‡	Arkansas	.05				.77	.49		.03									T.						1.16				.05	T.	T.			2.55
Lutherville	Arkansas			.10		.29	1.63	.12										.01						.10			.12			1.69			4.06
Madison[2]	St. Francis					T.	.30	.55		.46															.68								1.99
Magnolia	Red	.15			.09	2.60	1.07																							.62	.03		4.56
Mammoth Spg[2]	White	.17			.48	.02	1.10	.36					T.			.02		.25															2.40
Marianna	St. Francis					.30	.65														.65			.05					T				1.65
Marked Tree[2]	St. Francis						.31																										0.31
Mena[2]	Ouachita	.01	T.		.08	.14	1.05	T.		.09												.02			1.00			.17		.18	.23	T.	2.97
Monticello Air‡	Ouachita	T.	T		.04	1.23	.06		.09	.02																		.01	.01		T		1.46
Morrilton[2]	Arkansas	.22	.07			.01	1.55	.14	.01									.12							T.					T.	.05	T.	2.17
Mountainburg	Arkansas			T.		T.	.18	.20										T.						.09			.05		.04	.61			1.17
Mountain Home	White				.20	.60	1.00																				.10						1.90
Mountain Valley	Ouachita					.73	1.41	T		.06								T.						.15						.37	T		2.72
Mount Ida	Ouachita					.46	.97			.09										.07										.13			1.72
Mount Ida CCC	Ouachita			.01		.59	1.06			.16										.10								.02		.13			2.07
Mulberry[2]	Arkansas				.03		.59	.12	.06																.10			.08			.70		1.68
Nashville	Red	.02		.01	.08	.88	.55						.09															.02	.04	.12			1.81
Newport[2]	White	.04					.67	.21										.12					.01										1.05
Oden	Ouachita			T.		.38	1.10			.13																	.05			.57			2.23
Okay	Red			T	.10	.52	1.07																						.03	.08			1.80
Osceola[2]	Mississippi						.16	.14		.03			.02					.16						T.									0.51
Ozark[2]	Arkansas				.22		.74	.13	.08									.02							.53			.58		.05	.73		3.08

Daily Precipitation for May, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota
Paragould	St. Francis			T.			.46			.03												.11											0.
Parkin[2]	St. Francis						.30	.10																	.27								0.
Perryville	Arkansas			T.		.57	.85											.05						1.07						T			2.
Pine Bluff[2]	Arkansas	.14				.59	.47	.31		.09																				T.			1.
Pine Ridge[2]	Ouachita					.39	1.02			.18																	.07			.25	.90		2.
Pocahontas	White				.17	.06	1.65											.38															2.2
Portland[2]	Ouachita					.50	.40																									.07	0.9
Prescott[2]	Ouachita	.41	T.		.08	1.85	1.22	.23					.02																	.10	1.12	.01	5.
Rogers (near)	White		.05	.04		T.	.10	.19									.03				T.									T.	T.		0.4
Rosebud	Arkansas					.62	1.10											.05					.55					.06					2.3
Russellville	Arkansas			.07	.16	.37	1.47	.03					.02					.24						.73		.03				.43	T.		3.5
St. Charles[2]	White	T.	.05			.27	.31																								.06		0.6
St. Francis[2]	St. Francis	.04				.16	.27	.03		.03			T.			T.		1.02				.46									T.		2.
Searcy[2]	White	.05				.02	.77	1.19	T.	.13								.16							.15				.53				3.
Spring Bank[2]	Red	1.12	.22		.62	1.65	1.20	.40			.44																T.	T.		.10	.05	T.	5.8
Story[2]	Ouachita						1.20	.31	.39	.32																			.18				2.4
Stuttgart[2]	Arkansas	.05	1.00			.35	.40	.12		.08															.12				.07		.03		2.2
Stuttgart[2]	Arkansas	.07	.08			.41	.32	.16		.02															.04								1.1
Subiaco	Arkansas			T		.14	1.21	.04										.10						.07						.50			2.
Texarkana[2]	Red	.68			.43	.90	1.35	.20			.10																			.15	.06		3.8
Turnpike	Arkansas			.09		.42	1.88	.04										.08									.18			.48			3.1
Wabash	Mississippi			T.		.30	.20																					T.	.15		.19		0.8
Waldron	Arkansas					.55	.65		.30	.25														T.						.30			2.
Warren	Ouachita					1.60	.90			T.																		T.		.50			3.
Whitecliffs[2]	Red	.55				.45	1.62																							.10			2.7
White Rock	Arkansas			.05		.04	.53	.18										.05		.03					T.		.14	T.		1.57			2.5
Wilson[2]	Mississippi						.20	.20		.24								.10															0.7
Wright	Arkansas						1.04																	.09									1.
Wynne[2]	St. Francis						.43	.04		T.								.20						T.						.03			0.7

Daily Temperatures for May, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	79	81	81	79	75	76	74	87	75	75	79	76	81	83	83	83	83	82	88	86	89	89	89	81	84	87	84	85	87	79	84	82
	Minimum	55	55	59	54	61	60	56	52	58	55	51	54	48	61	64	65	67	50	58	59	60	61	64	60	54	57	63	65	67	64	62	58
Arkadelphia §§	Maximum	..	..	..	..	..	91	80	89	80	78	79	79	82	86	86	85	81	86	89	88	91	92	92	86	89	91	90	86	84	81	80	85
	Minimum	62	58	60	60	63	60	58	60	64	59	55	53	52	57	62	65	62	53	58	61	62	61	63	65	58	62	65	67	69	69	65	60
Batesville ***	Maximum	84	85	87	83	72	68	80	87	76	76	80	76	82	82	85	88	83	81	91	92	95	94	88	82	88	91	88	90	90	87	87	84
	Minimum	56	57	57	62	62	58	55	53	54	51	51	50	44	63	64	66	57	50	49	62	62	62	63	57	48	55	62	68	68	64	60	57
Bee Branch	Maximum	80	80	84	80	76	69	76	84	85	79	78	77	80	83	83	85	84	82	87	87	90	90	90	80	82	87	87	85	80	87	..	82
	Minimum	53	55	59	56	61	61	57	50	56	52	50	49	46	60	64	62	64	50	54	59	60	59	63	58	50	55	63	64	67	58	..	57.
Benton §§	Maximum	80	83	83	81	67	77	74	88	75	76	80	78	81	84	85	85	87	85	89	87	90	90	91	83	87	88	87	85	84	80	84	83.
	Minimum	58	56	57	56	58	62	55	53	58	55	50	51	48	55	64	63	66	68	54	58	58	60	62	61	51	56	62	65	69	65	65	58.
Bentonville ***	Maximum	80	82	81	77	74	80	80	83	78	75	76	75	80	85	82	80	77	82	84	86	88	87	77	80	84	86	84	85	77	85	90	81.
	Minimum	56	59	57	56	61	60	56	55	50	49	55	47	51	67	67	64	56	52	59	61	62	60	61	54	55	60	64	68	66	64	62	58.
Blytheville	Maximum	86	90	89	85	78	80	81	88	75	73	80	75	82	84	89	90	81	84	93	96	96	95	86	79	88	93	91	94	91	87	86	86.
	Minimum	62	58	62	63	63	64	60	56	47	47	48	48	47	59	66	66	..	51	54	67	67	68	67	58	50	61	68	69	70	67	65	59.
Booneville	Maximum	84	82	77	78	76	84	79	89	82	80	83	80	84	85	84	86	83	84	89	89	90	92	90	84	86	88	86	85	79	82	90	84.
	Minimum	57	57	60	57	61	60	55	50	59	55	53	48	49	58	57	59	62	53	62	59	61	58	60	58	56	58	62	69	69	64	60	58.
Brinkley	Maximum	84	84	85	82	78	76	81	87	80	75	79	76	81	84	86	85	84	82	92	91	93	93	92	82	86	90	89	90	90	84	80	84.
	Minimum	61	56	60	61	63	65	56	55	55	53	51	51	46	58	65	65	69	49	54	64	63	63	63	60	53	59	68	65	66	65	61	59.
Camden	Maximum	78	84	82	82	75	78	84	89	81	88	80	81	85	90	87	90	90	89	91	90	93	94	94	87	91	91	90	90	81	80	84	86.
	Minimum	60	57	57	57	61	62	59	60	64	59	55	57	53	62	64	63	67	54	63	61	60	60	60	62	55	63	65	67	67	68	64	60.
Clover Bend	Maximum	85	87	87	85	73	72	80	85	81	76	80	78	86	84	86	88	82	83	93	91	92	92	87	80	80	93	92	95	88	85	86	84.
	Minimum	51	55	55	63	53	54	54	50	47	48	49	46	43	54	63	61	55	42	47	63	61	65	59	48	48	66	57	57	57	61	58	54.
Conway	Maximum	83	84	83	82	78	75	79	79	79	71	80	77	84	84	87	82	78	78	90	90	92	92	84	82	80	79	83	85	83	78	89	82.
	Minimum	57	57	63	61	63	63	57	55	56	56	54	52	52	62	65	65	66	52	58	62	62	63	64	58	52	58	65	67	70	66	63	60.
Corning	Maximum	85	90	90	84	70	76	80	86	78	76	82	77	82	81	88	90	84	81	92	96	96	96	87	81	88	93	92	95	90	89	90	86.
	Minimum	57	60	63	62	62	61	55	53	46	47	49	46	45	61	66	64	62	49	50	68	65	65	63	53	47	55	64	66	67	62	63	57.
Crossett	Maximum	80	84	79	82	72	74	83	90	81	78	82	79	83	83	86	86	87	87	89	87	91	91	92	86	89	89	85	87	86	80	74	83.
	Minimum	61	55	53	57	58	62	54	55	60	55	48	54	46	51	51	56	59	53	59	57	56	55	56	63	56	63	62	62	67	64	64	57.
Dardanelle	Maximum	84	84	84	82	79	81	80	88	83	78	81	80	85	87	85	88	85	84	89	90	91	93	91	84	85	88	86	88	81	82	89	85.
	Minimum	58	60	63	59	63	62	60	55	61	58	56	52	52	65	64	63	66	54	62	63	64	63	65	62	54	60	65	70	69	68	64	61.
De Queen	Maximum	78	80	77	77	72	84	82	88	85	81	79	83	84	85	84	84	88	87	85	87	88	89	92	88	89	86	85	85	80	79	85	83.
	Minimum	61	60	60	58	59	62	53	61	64	59	54	53	49	64	60	64	65	57	65	64	62	63	63	64	58	64	68	67	69	67	63	61.
Devils Knob	Maximum	75	76	69	71	68	76	76	80	78	74	73	74	75	79	75	78	76	75	79	81	82	82	82	76	77	79	77	78	72	72	81	76.
	Minimum	56	60	57	57	57	57	54	58	66	50	56	53	56	60	60	62	63	55	59	62	66	68	61	55	53	64	63	72	62	67	63	59.
Dumas	Maximum	84	86	84	86	73	79	83	92	79	76	80	79	86	87	90	89	87	86	96	94	97	97	96	87	94	95	92	93	90	87	82	87.
	Minimum	62	58	61	62	61	65	58	62	61	57	51	54	53	57	60	62	65	53	61	63	60	61	63	65	55	65	68	63	70	69	68	61.
El Dorado	Maximum	76	84	80	81	71	76	81	90	82	78	81	80	86	86	86	84	87	87	90	88	90	91	85	93	91	91	89	84	82	75	89	84.
	Minimum	64	60	60	63	61	62	64	63	62	61	55	58	55	61	64	66	67	66	68	65	65	65	63	62	59	60	62	71	69	70	62	63.
England	Maximum	85	84	86	82	75	72	80	87	80	73	80	75	80	83	85	85	81	85	81	91	90	82	83	80	80	89	90	87	88	85	90	83.
	Minimum	66	54	58	57	52	64	58	56	55	56	53	53	61	61	64	66	50	67	50	57	62	62	65	60	52	60	65	66	69	66	66	59.
Eureka Springs	Maximum	77	83	81	78	76	80	79	83	77	75	78	77	80	84	82	83	79	83	85	85	89	88	79	80	85	84	84	84	78	83	90	81.
	Minimum	56	58	59	54	60	58	54	56	50	48	53	48	52	62	67	68	55	51	59	63	63	61	62	54	50	63	63	68	66	64	64	58.
Fayetteville	Maximum	80	81	78	77	72	82	80	84	78	77	77	77	80	84	83	79	80	83	85	87	89	85	79	82	86	86	84	85	79	84	88	81.
	Minimum	58	57	56	54	61	59	55	55	54	52	52	47	48	66	66	67	57	48	64	60	62	60	61	58	58	63	65	67	67	65	64	58.
Fayetteville Exp. S	Maximum	80	81	79	76	72	79	78	83	81	76	77	76	80	82	83	81	80	81	84	85	87	87	85	81	85	85	85	84	81	83	90	81.
	Minimum	57	57	56	54	62	59	55	55	52	50	52	45	48	68	67	68	56	48	65	60	62	59	62	55	54	60	65	67	67	65	62	58.
Fort Smith***	Maximum	81	84	78	79	72	83	74	86	81	79	80	80	84	85	83	84	84	85	87	89	90	90	86	82	84	84	87	87	81	84	88	83.
	Minimum	60	63	60	60	62	62	59	56	63	59	58	56	56	69	70	68	65	57	66	68	69	67	68	62	61	65	66	71	69	69	68	63.
Gilbert§§	Maximum	82	84	81	82	71	77	82	87	74	76	78	75	81	85	84	85	80	82	87	89	90	90	83	80	84	84	83	84	79	82	90	82.
	Minimum	49	45	53	54	62	60	51	46	46	45	47	42	40	46	65	67	53	45	46	56	54	55	57	48	45	48	56	62	62	62	49	52.
Grannis	Maximum	79	74	72	75	70	83	80	87	82	80	79	80	83	82	82	83	86	84	86	87	86	88	91	87	86	88	87	84	79	76	85	82.
	Minimum	59	56	56	55	54	58	53	56	53	55	51	53	58	58	59	60	62	55	60	60	59	59	63	63	56	56	62	63	65	64	69	58.
Gravette	Maximum	81	84	83	78	78	82	83	84	80	78	78	78	81	85	83	81	79	84	84	87	89	87	79	81	87	89	87	86	83	88	92	83.
	Minimum	57	56	57	54	58	58	55	54	50	48	51	44	51	66	66	59	54	50	60	58	61	60	60	53	56	59	60	63	69	61	66	57.
Green Mountain	Maximum	79	81	80	77	75	72	77	83	82	72	73	74	77	81	81	81	81	76	92	85	86	87	85	85	80	83	83	82	80	82	85	80.
	Minimum	58	63	61	59	57	59	56	57	52	50	55	53	52	64	62	66	61	55	69	62	67	70	65	58	57	75	74	69	61	67	62	61.
Harrison	Maximum	82	83	80	80	73	80	81	87	77	77	79	77	84	88	87	88	81	83	90	91	93	93	82	80	86	85	86	85	78	85	92	83.
	Minimum	53	55	56	54	63	63	56	52	51	50	52	46	46	64	67	69	57	45	51	57	59	58	61	50	44	52	59	68	66	65	62	56.
Helena	Maximum	83	83	90	85	77	76	77	85	83	76	75	77	80	85	86	84	82	80	90	90	92	92	91	81	86	90	88	89	89	85	80	84.
	Minimum	62	56	59	61	63	65	55	55	55	53	49	48	48	59	63	52	68	55	62	67	64	65	65	62	57	66	69	68	71	66	62	60.
Highland	Maximum	74	79	74	75	69	81	78	85	78	76	75	78	83	83	82	85	87	83	85	85	88	89	90	..	..	..	86	84	77	78	82	81.
	Minimum	61	60	60	60	61	61	66	62	60	59	56	57	54	64	65	64	68	60	64	74	65	74	66	65	60	67	74	68	68	67	66	63.
Hope §§	Maximum	74	83	74	80	69	83	83	89	80	77	80	81	84	84	85	85	85	87	88	87	91	92	93	85	89	88	90	86	76	79	83	83.
	Minimum	60	57	57	57	59	60	58	60	64	60	55	56	51	56	62	64	66	56	63	64	61	61	60	63	59	65	66	67	68	67	66	60.
Hot Springs	Maximum	80	84	80	82	75	81	80	86	85	80	80	80	83	86	86	85	89	84	91	89	92	92	90	87	90	91	90	84	77	78	86	84.
	Minimum	60	58	63	58	61	61	59	58	58	57	55	66	55	65	65	66	68	59	65	65	59	67	66	62	57	61	68	69	70	68	66	62.

Daily Temperatures for May, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.......§§	Maximum	79	81	76	76	67	78	74	87	81	76	76	76	82	82	79	82	83	81	84	86	86	89	84	82	85	84	84	82	75	75	84	80.5
	Minimum	56	51	51	57	56	59	48	47	54	50	46	44	44	63	62	64	63	48	63	57	55	54	56	59	49	55	62	68	66	64	55	55.7
Jonesboro	Maximum	84	86	86	84	75	78	79	86	80	73	79	76	82	82	86	88	82	82	92	93	95	95	88	80	88	90	91	93	89	87	84	84.9
	Minimum	57	59	60	63	61	61	56	58	51	51	51	50	47	58	65	66	65	54	53	69	66	67	65	60	56	59	66	67	70	64	63	59.9
Lead Hill..........	Maximum	83	85	82	82	74	79	80	85	76	77	80	76	82	86	86	88	81	81	88	90	90	91	81	80	85	86	86	87	79	84	90	83.2
	Minimum	51	53	53	52	61	60	52	42	46	46	51	42	41	57	59	58	55	42	47	50	55	55	58	45	41	49	57	62	62	65	60	52.5
Little Rock..***	Maximum	79	81	82	80	70	72	77	87	72	73	77	74	81	83	84	84	82	80	88	87	90	90	88	79	83	88	85	84	85	80	83	81.5
	Minimum	62	62	64	64	63	63	60	59	58	57	57	58	58	64	66	66	68	59	63	68	66	69	64	64	60	65	68	69	72	67	65	63.5
Little Rock.....*** [Airway]	Maximum	80	81	84	81	70	73	79	88	73	74	78	78	82	84	85	85	84	81	90	90	91	91	92	82	84	89	86	85	86	82	85	83.0
	Minimum	61	58	61	59	63	59	58	56	58	56	53	56	52	64	66	65	61	56	59	62	61	64	65	62	56	60	68	68	69	66	65	60.9
Lutherville........	Maximum	82	80	81	79	73	79	76	84	79	79	78	76	81	84	81	85	82	80	86	86	95	90	87	83	82	86	83	85	77	79	85	81.7
	Minimum	57	58	60	57	61	60	58	53	58	53	55	50	50	64	64	65	62	53	62	63	61	61	64	59	53	58	65	68	67	65	61	59.5
Magnolia..........	Maximum	79	85	79	81	82	79	83	88	87	80	81	81	84	85	85	84	91	93	89	90	90	94	93	89	92	94	91	87	79	78	90	85.9
	Minimum	64	60	60	60	61	64	60	64	65	60	54	58	55	64	63	64	67	62	69	65	61	64	60	59	60	69	67	61	61	68	67	62.5
Mammoth Spring.	Maximum	84	87	87	85	83	71	80	86	80	76	80	80	82	82	88	89	83	80	90	92	94	94	82	80	86	90	88	91	87	..	..	84.7
	Minimum	54	61	61	61	60	60	54	48	46	46	51	45	42	59	65	61	60	46	48	60	60	61	60	51	43	49	58	62	67	..	..	55.1
Marianna.........	Maximum	84	85	86	84	77	78	80	85	78	73	78	75	80	85	88	86	83	82	94	90	92	94	91	82	87	93	91	92	89	87	82	84.9
	Minimum	55	55	58	60	63	64	56	56	55	52	50	50	45	58	63	63	67	50	55	65	63	64	64	60	53	62	65	65	69	63	60	59.0
Marked Tree....§§	Maximum	84	87	87	85	72	79	80	86	75	75	78	76	82	83	88	90	82	82	93	94	80	79	76	68	76	91	79	80	79	78	74	81.2
	Minimum	57	56	58	62	65	62	59	54	50	50	49	50	44	58	64	63	65	51	51	67	65	65	65	59	52	59	67	67	69	63	61	58.9
Mena...............	Maximum	81	82	75	77	71	82	79	89	82	78	78	78	84	83	84	84	84	84	86	89	89	90	90	88	83	87	86	83	75	76	88	82.7
	Minimum	58	58	57	63	58	60	57	54	60	57	54	54	52	63	63	64	66	58	63	64	61	61	62	63	59	61	66	68	67	66	65	60.7
Monticello......***	Maximum	81	84	80	82	68	73	81	89	78	75	79	77	82	84	86	85	87	85	90	88	92	93	94	87	90	90	89	85	87	79	77	83.8
	Minimum	61	61	59	60	61	61	59	61	65	58	52	57	57	60	61	63	66	60	64	65	62	64	62	67	61	67	68	68	70	70	66	62.5
Morrilton ....§§	Maximum	82	83	83	82	72	77	78	87	76	78	80	78	83	87	85	88	82	82	89	89	91	93	90	82	87	91	87	89	82	82	82	83.8
	Minimum	56	58	60	57	64	61	58	56	61	57	54	51	51	60	64	63	66	50	56	60	59	61	64	61	49	56	66	68	71	64	63	59.5
Mountain Home...	Maximum	82	85	85	80	78	79	80	84	85	78	79	76	82	86	87	85	87	80	87	91	90	90	84	82	85	86	87	88	82	84	91	84.0
	Minimum	54	54	57	58	55	54	55	48	48	49	54	49	44	58	59	57	59	46	51	59	68	59	62	50	45	52	52	66	67	64	60	55.3
Mt. Ida............	Maximum	80	82	77	78	74	81	79	89	83	79	80	81	83	85	84	84	85	83	87	88	90	90	92	87	88	87	86	87	79	79	87	83.7
	Minimum	56	56	52	55	62	60	49	50	58	53	47	46	44	62	65	67	41	45	55	55	56	54	55	49	52	54	61	69	68	63	67	55.7
Nashville..........	Maximum	78	81	76	79	72	84	80	88	80	78	80	81	83	85	85	85	88	88	87	88	89	90	91	85	88	88	88	85	79	80	85	83.7
	Minimum	61	61	60	60	61	62	57	67	67	61	56	56	54	63	64	65	67	65	65	65	64	64	63	67	61	65	69	68	69	68	63	63.2
Newport...........	Maximum	85	86	87	85	75	73	80	85	78	76	80	78	83	83	86	86	84	82	93	93	94	94	91	85	88	92	90	93	90	85	81	85.2
	Minimum	58	57	60	62	64	64	56	54	52	52	51	51	46	60	63	66	67	51	52	65	64	65	65	59	50	57	65	66	70	63	62	59.3
Oden......... ..***	Maximum	79	80	77	77	70	80	75	86	80	77	76	78	82	83	82	82	84	82	86	86	88	88	86	83	86	85	85	85	76	75	85	81.4
	Minimum	57	60	60	55	60	53	53	52	57	53	51	54	49	68	65	67	58	50	60	60	60	57	61	58	54	56	67	68	67	64	60	58.5
Okay.....	Maximum	75	81	80	75	70	82	82	87	87	80	80	80	88	85	85	85	89	89	86	87	89	90	92	89	90	87	88	86	80	80	84	84.1
	Minimum	62	60	61	60	59	63	58	63	67	61	57	56	52	63	64	66	67	58	66	63	62	63	62	64	61	65	69	68	69	67	65	62.6
Ozark.............	Maximum	81	82	78	77	71	83	80	87	84	77	80	81	83	87	84	87	85	82	88	89	90	92	86	83	83	85	85	85	80	82	87	83.4
	Minimum	59	58	57	67	51	59	57	53	57	52	52	47	49	60	57	53	58	50	63	59	61	58	60	58	52	56	59	64	65	62	61	57.2
Paragould....... .	Maximum	82	85	87	85	80	77	78	85	75	73	78	78	80	82	85	87	80	81	92	93	94	93	86	79	88	90	91	92	90	88	86	84.5
	Minimum	51	57	59	62	62	62	54	53	48	48	49	49	44	59	66	64	66	49	50	67	64	65	63	58	51	57	61	65	68	62	61	56.9
Perryville	Maximum	82	84	82	81	77	78	80	90	81	77	82	78	85	88	89	89	84	82	90	90	92	93	92	81	83	90	87	89	82	83	87	84.8
	Minimum	56	57	59	56	63	63	55	53	58	56	52	50	49	60	67	60	66	48	55	57	58	59	63	58	48	56	62	66	70	65	61	58.3
Pine Bluff.........	Maximum	79	83	82	81	75	71	77	87	81	73	72	74	80	84	84	83	83	83	89	83	90	90	91	83	85	89	87	85	85	82	80	82.3
	Minimum	63	61	62	62	61	64	58	62	60	60	56	57	54	63	64	66	69	57	64	65	64	65	67	64	58	65	69	69	72	70	65	63.1
Pocahontas.......	Maximum	84	86	86	83	81	74	80	86	82	75	80	79	81	82	84	87	84	80	91	93	95	93	90	81	86	92	90	92	89	87	88	85.2
	Minimum	54	57	60	61	60	60	55	51	46	48	50	49	43	56	65	64	61	50	52	63	63	64	62	55	51	53	60	63	67	61	61	56.9
Portland	Maximum	84	85	83	84	84	80	80	89	82	75	80	77	81	85	85	85	87	85	91	88	91	91	93	86	90	91	90	89	89	80	79	85.1
	Minimum	63	60	60	61	62	64	59	62	68	56	53	59	51	56	60	58	64	55	62	63	60	62	61	66	60	68	67	67	70	71	65	61.7
Prescott............	Maximum	77	84	80	81	75	81	83	90	85	81	80	82	86	86	87	88	90	90	90	89	92	92	94	87	89	91	92	87	77	80	82	85.4
	Minimum	62	59	60	58	62	62	59	62	66	59	56	57	54	65	63	65	68	57	65	64	64	63	64	64	59	65	69	67	68	68	67	62.6
Rogers	Maximum	78	81	80	76	73	79	79	84	74	76	78	75	80	84	82	82	77	82	84	85	88	89	79	79	83	88	85	85	78	85	92	81.3
	Minimum	55	57	58	54	60	59	55	55	51	49	55	46	48	65	66	65	56	49	57	58	61	59	62	55	63	57	62	66	65	63	62	57.8
Russellville........	Maximum	85	82	84	83	79	82	80	89	87	88	81	80	86	88	87	89	88	83	90	90	92	93	91	83	85	87	87	89	85	84	90	86.0
	Minimum	55	56	60	56	62	61	57	54	56	55	54	49	50	62	64	62	65	51	57	60	60	61	62	59	52	56	58	67	67	62	61	58.4
St. Charles ......§§	Maximum	82	83	85	83	71	77	81	88	75	75	80	78	82	84	86	84	86	86	91	92	94	94	95	93	88	90	89	90	88	83	83	85.0
	Minimum	61	69	..	..	..	61	56	56	57	56	52	53	50	61	63	63	66	52	56	64	63	63	64	62	61	52	67	65	68	67	61	60.3
Searcy	Maximum	85	85	87	83	77	70	80	86	80	77	81	78	82	84	85	86	84	83	92	92	94	93	92	83	86	91	89	88	88	85	84	84.8
	Minimum	57	56	58	62	63	62	54	53	54	54	52	53	47	58	64	62	66	51	53	63	62	64	65	60	50	57	63	64	69	64	60	58.7
Stuttgart	Maximum	83	83	84	83	74	73	80	88	79	74	79	76	81	84	85	85	84	83	90	90	92	93	93	84	87	90	88	88	89	81	80	84.0
	Minimum	61	58	62	62	63	64	55	55	57	57	52	53	52	58	63	63	67	52	59	64	64	64	64	60	59	62	68	66	69	66	62	60.7
Stuttgart (near).§§	Maximum	78	82	83	82	68	70	79	86	74	73	78	75	80	83	85	84	80	72	90	90	93	92	92	83	83	90	88	89	88	80	79	82.2
	Minimum	62	56	61	61	63	62	55	56	57	57	51	51	48	60	63	62	66	50	58	63	62	62	63	62	55	61	68	67	70	65	62	60.0
Subiaco...........	Maximum	82	82	81	80	75	83	81	86	83	80	80	80	81	88	84	89	86	84	88	88	90	92	90	85	81	82	86	90	80	82	90	84.2
	Minimum	58	49	61	57	61	60	58	55	59	54	54	52	50	67	68	65	64	65	60	62	63	61	62	59	52	48	66	70	62	64	61	59.6
Texarkana	Maximum	76	82	76	80	71	82	82	90	85	79	82	82	85	86	86	88	90	88	87	89	90	92	91	87	91	88	90	85	80	81	87	84.8
	Minimum	63	59	61	61	60	62	59	65	66	60	56	58	56	65	64	65	68	61	69	68	64	67	63	66	62	69	70	70	69	68	66	63.9
Turnpike..........	Maximum	78	77	77	74	67	74	74	79	74	64	69	64	74	78	72	73	73	74	73	74	75	75	74	74	69	69	71	72	72	70	73	72.8
	Minimum	55	58	60	58	56	57	54	59	52	49	55	52	54	60	61	62	56	53	60	64	65	63	66	62	54	63	65	65	61	63	62	58.8
Waldron	Maximum	83	84	80	80	75	82	81	90	86	78	..	80	85	85	83	86	85	85	88	91	90	90	89	83	84	84	90	87	81	82	89	84.5
	Minimum	54	55	55	58	60	60	54	50	56	55	..	48	50	62	65	63	64	50	61	60	62	60	59	55	61	52	64	70	68	64	59	58.5
Warren	Maximum	78	85	81	83	82	73	82	88	86	76	79	78	82	84	82	86	87	85	91	88	92	92	89	86	90	89	90	89	86	78	79	84.4
	Minimum	64	51	60	62	60	64	60	62	67	60	54	58	52	62	52	62	68	55	63	65	62	63	66	66	58	62	67	68	69	70	67	61.9
White Rock.......	Maximum	74	77	74	72	66	78	82	81	78	73	72	73	77	79	75	75	76	75	81	80	83	82	80	78	77	77	79	80	74	79	82	77.1
	Minimum	56	60	54	56	58	56	54	52	56	52	58	54	57	61	61	62	56	56	60	63	64	66	65	57	56	63	63	64	63	62	62	58.9
Wilson	Maximum	84	86	86	84	79	78	78	90	86	72	73	74	81	85	87	85	83	81	92	92	93	91	92	89	90	92	91	90	91	89	86	85.5
	Minimum	52	57	60	60	65	64	58	58	50	49	49	47	47	60	65	67	67	50	53	66	65	66	66	58	58	60	69	69	71	67	67	60.0
Wynne	Maximum	84	84	87	84	78	76	79	85	80	72	77	74	80	82	85	85	82	81	90	90	92	92	89	81	86	90	90	90	88	84	83	83.9
	Minimum	61	57	61	61	65	64	57	55	54	52	49	46	45	60	64	63	64	54	56	67	64	65	63	59	55	58	69	66	70	63	62	59.6

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1941
(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	....	.161	.208	.040	.. .	....	.112	.219	.243	.316	.223	.189	.240	.269	.301	.259	.221	.297	.274	.280	.219	.267	.261	.272	.291	.267	.252	.239	.109	.070	.113	6.878
	Mean tem.	67	70	66	68	64	72	70	74	72	68	68	68	68	70	74	74	76	72	76	76	76	76	76	74	74	76	78	76	72	73	74	72.2
	Wind move	24	21	19	20	65	42	31	31	31	49	27	36	24	39	81	57	58	39	23	31	18	18	20	20	51	20	20	43	27	15	24	1024
Irons Fork,.. §§ Exp. Forest	Evap.	.037	.090	.143	.055	.088	.045	.102	.038	.132	.202	.180	.098	.186	.206	.251	.106	.148	.232	.184	.159	.166	.180	.175	.098	.181	.182	.102	.166	.058	.034	.045	4.070
	Mean tem.	68	66	64	66	62	68	61	67	68	63	61	60	63	72	70	73	73	64	74	72	70	72	70	70	67	70	73	75	70	70	70	68.1
	Wind move	7	17	5	13	27	13	14	4	9	7	8	3	8	28	53	36	14	13	15	15	8	3	2	4	4	2	3	17	5	4	1	362
Russellville,... Ozark Nursery.	Evap.	.088	.188	.142	.230	.134	.064	.104	.174	.274	.194	264	.210	.220	282	.256	.240	.308	.308	.214	.216	.296	.310	.338	.192	.098	.408	.094	.225	.043	.210	.196	6.520
	Mean tem.	70	69	70	70	70	72	68	72	72	72	78	64	68	75	76	76	76	67	74	75	76	77	76	71	68	72	72	78	76	73	76	72.2
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart, ...§§ Rice Exp.Farm	Evap.	.068	.112	.139	.150	.219	.008	.089	.147	.213	.253	.181	.187	.212	.225	.296	.300	.247	.431	.048	.247	.201	305	.266	.229	.298	.226	.297	.217	.191	.171	.114	6.269
	Mean tem.	70	69	72	72	66	66	67	71	66	65	64	63	64	72	74	73	73	61	74	76	78	77	78	72	69	76	79	79	79	72	70	71.1
	Wind move	40	4	2	70	27	108	80	22	51	53	35	22	26	54	172	120	83	18	54	26	27	37	28	52	63	20	73	58	40	29	40	1534

Daily Precipitation for May, 1941 Hydrologic Stations

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alicia [1] ‡	White																																
Antoine(near) [2]	Ouachita																																
Beaty Lake(near)	St. Francis					.21	.18	28		.40														1.03									2.10
Beedeville [2]	White	.01					.53	1.01																.35									1.90
Blue Mountain [2]	Arkansas																																
Briggsville [1] ‡	Arkansas																																
Cabot [2]	Arkansas	.10	.30				1.00	1.20		.05																							2.65
Carlisle [2]	Arkansas	.05	.94			.19	.66	.55																	.24								2.63
Carpenter Dam [1]	Ouachita																																
Clarksville [1] ‡	Arkansas																																
Clay SCS [2]	Arkansas	.08			.09													14							.22								0.53
Compton [1] ‡	White																																
Denmark [2]	White	.03			.06		.98	.75										.02											.08				1.92
Dermott [2]	Mississippi					.45	.34	.03		.01																							0.83
Eleven Point [2]	White	.02			.05		1.21	.72										.08															2.08
Evening Shade [2]	White	.08			.12	.07	.97	.38										.81															2.43
Foreman [1] ‡	Red	.27		.24																										.90			
Green Forest [2]	White																																
Greenwood [2]	Arkansas				.08	.02	.55		.05									.12							.38			.32		.02	1.20		1.74
Hardy [1] ‡	White																																
Harrisburg [2]	St. Francis																																
Huntsville [2] ‡	White																																
Jacksonville [2]	Arkansas	14					.80	.66	.02	.05																							1.67
LaCrosse [2]	White	.12			.06		.70	.54										.81															2.23
Lake City [2]	St. Francis						.40			.18			.02																				0.60
Marvell [2]	White						.15	1.30																								.14	1.59
Mountain View [2]	White	.11			.07		.64	.35	.02									.04															1.23
Newhope(near) [2]	Ouachita																																
Nimrod [2] ‡	Arkansas					.75	.62											.18						.52						.11			2.18
Odell (near)	Arkansas						.06	.27										.51					.01		.03			.06		.10			1.04
Parthenon [2] ‡	White																																
Pottsville [2]	Arkansas					*	1.40										.25							.43					.21				2.29
St. Paul [2]	White				.20	.05	.41	.16										.06													1.71		2.59
Shirley [2]	White	.17					1.10	.49																									1.76
Solgahachie [2]	Arkansas					.58	1.10	.02										.21						.08									1.99
Sparkman [2]	Ouachita	.05				1.19	1.21	.24																									2.69
Tichnor [2]	White	.02				.31	.30																										0.63
Vick [2]	Ouachita					1.00	.75																										1.75
Wheeling [1] ‡	White			.22	.05	.62	.65										.01																1.55
Winfrey [1] ‡	Arkansas			.02		.14	.11	.14									.32							.06			.05			.48			1.32

Daily River Stages for May, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	14.3	13.8	13.0	11.6	10.3	11.2	18.3	16.8	16.8	15.4	13.4	11.7	11.2	10.4	11.0	10.3	9.8	9.5	9.3	9.2	8.8	8.2	9.0	12.2	13.4	13.5	12.6	13.8	12.2	10.8	10.8
Van Buren	do	22	15.4	15.1	14.2	12.7	11.2	12.0	19.2	18.0	18.0	17.8	14.7	13.6	13.1	12.1	11.8	10.7	9.8	9.3	9.0	9.0	8.5	7.9	8.5	12.5	14.4	14.5	13.4	14.7	13.4	11.2	11.0
Mulberry	Mulberry	18	2.0	1.9	1.8	1.7	1.7	1.7	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.3	1.4	1 3	1.3	1.2	1.2	1 3	1.3
Danville	Petit Jean	20	6.7	7.4	6.8	6.5	5.2	7.0	16.1	17.3	13.6	10.3	7.9	6.5	5.6	5.1	4.6	4.3	4.1	3.9	3.7	3.5	3.4	3.3	3.2	3.1	3.1	3.9	3.3	3.1	3.1	3.0	3.0
Ozark	Arkansas	22	9.5	10.4	9.9	8.6	7.2	6.7	11.5	13.5	12.6	12.4	10.7	8.1	8.8	7.8	7.2	6.8	5.9	5.2	5.0	4.8	4.7	4.1	3.5	5.4	7.4	9.9	9.0	9.7	9.8	7.3	6.4
Dardanelle	do.	22	11.3	12.8	12.8	12.1	11.0	10.2	11.2	16.5	16.0	15.4	14.4	12.8	11.7	11.3	10.4	9.8	9.2	8.4	7.9	7 6	7.5	7.3	6.7	6.5	9.5	11.8	12.2	11.2	12.3	11.6	9.6
Morrilton	do.	20	10.0	9.4	10.6	10.1	10.0	7.6	8.1	12.4	14.4	13.4	12.6	11.2	9.5	8.2	7.9	7.0	6.4	5.4	4.1	4.2	4.0	3.8	3.4	2.9	3.6	9.0	9.4	8.8	9.9	9.6	7.6
Little Rock	do.	23	11.9	9.6	10.1	10.4	9.8	8.9	8.2	9.2	13.7	14.3	13.3	12.4	10.8	9.5	8.8	8.0	7.4	6.9	6.2	5.7	5.4	5.2	5.0	4.8	4.4	5.4	8.5	9.3	8.6	9.1	9.2
Pine Bluff	do.	25	17.5	16.7	14.2	14.2	14.5	13.8	13.0	12.7	15.2	17.9	17.8	17.0	15.7	14.3	13.3	12.6	11.8	11.3	10.7	10.0	9.6	9.3	9.0	9.0	8.6	8.3	10.5	12.7	12.9	12.5	13 1
Gilbert	Buffalo	30	3.9	3.9	3.9	3.8	3.8	3.9	7.3	6.0	5.4	4.9	4.6	4.4	4.3	4.2	4.0	3.9	3.9	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3
Doniphan, Mo.	Current	10	3.5	3.4	3.4	3.3	3.2	3.3	3.6	3.8	3.8	3.8	3.8	3.6	3.6	3.4	3.4	3.3	3.4	3.5	3.6	3.5	3.4	3.3	3.2	3.1	3 0	2.9	2.9	2.8	2.8	2.7	2.7
Black Rock	Black	14	4.6	4.5	4.2	4.0	3.6	3.6	4.0	3.8	3.7	4.2	4.3	4.0	3.7	3.5	3.3	3.2	3.1	3.0	3.0	3.0	3.1	3.0	2.9	2.6	2.3	2.2	2 1	2.1	2.0	1.9	1.9
Heber Springs	Little Red	30	5.1	5.0	4.8	4.6	4.4	4.8	10.4	11.4	9.1	7.7	6.8	6.2	5.7	5.4	5.0	4.8	4.5	4.3	4.1	3.9	3.8	3.7	3.5	3.4	4.2	3.7	3.4	3.2	3 1	3.0	2.9
OzarkBeachMo	White	30	4.4	1.2	2.0	4.5	2.0	1.4	2.6	1.6	1.4	1.8	0.8	1.8	0.6	-0.6	1.8	1.2	0.3	2.2	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.6	-0.5	-0.6	-0.4	-0 6	-0.4	-0.6
Cotter	do	21	5.4	5.3	4.9	5.0	5.2	4.4	5 3	5.0	4.6	4.4	4.4	4.2	4.0	3.5	3.1	3.8	3.9	3.4	3.2	3.2	3.0	3.0	3.0	3.2	3.2	2.0	2.0	2.6	2.6	2.7	2.7
Calico Rock	do	18	5.1	4 8	4.5	3.6	3.7	4.1	6.6	7.2	6.1	5.4	4.9	4.5	3.6	3.5	3.2	3.0	2.9	2.9	2.8	2.4	2.6	2.2	2.2	2.1	2.2	1.2	1.2	1.3	1.9	1.9	1.9
Batesville	do	23	10.0	9.5	9.3	8.8	8.1	8.7	9.0	13.0	11.0	10.4	9.7	9.2	8.9	8.1	8.0	7.9	7.6	7.5	[illegible]	6.8	6.5	6.5	6.2	6.2	6.2	6.1	5.9	5.5	5.3	5.7	5.7
Newport	do	26	11.9	10.4	9.1	8.1	6.7	6.0	6.4	7.5	9.9	9.1	8.1	7.3	6.5	5.9	5.1	4.6	4.3	4.0	3.9	3.8	3.2	3.1	2.9	2.6	2.2	2.2	2.0	1.8	1.4	1.2	1.2
Georgetown	do	21	21 6	20.8	19.9	18.6	17.2	15.7	14.5	14.3	15.1	15.1	14.4	13.5	12.4	11.4	10.4	9.4	8.5	7.8	7.0	6.5	6 0	5.7	5.3	4 9	4.5	4.1	4.0	3.8	3 5	3.1	2.8
Des Arc	do	24	23.7	23.5	23.0	22.3	21.2	20.1	18.8	17.9	17.9	17.9	17.6	17.0	16.3	15.3	14.2	13 1	12.2	11.2	10.4	9.7	9.3	9.0	8.6	8.2	7.8	7.4	7.0	6.9	6.7	6.4	5.9
Clarendon	do	26	25.5	25.9	26.1	26.2	26.1	25.9	25.5	25.0	24.6	24.1	23.7	23.3	22.9	22.5	21.9	21.2	20.2	19.2	18.0	16.9	15.8	14.8	14.0	13.3	12.8	12.3	11.9	11.6	11 3	11.1	10.7
St. Charles	do	25	23.5	23.8	24.2	24.4	24.6	24.8	24.9	24.9	24.8	24.7	24.5	24.3	24.0	23.7	23.4	23.0	22.6	21.7	20.7	19.4	17.9	16.5	15.1	14.2	13.5	12.9	12.5	12.1	11.8	11.5	11.2
Glenwood	Caddo	..	6.8	6.4	6 2	6.1	6.0	7.0	6.8	6.5	6.2	6.0	5.9	5.8	5.7	5.6	5.6	5.0	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
Arkadelphia	Ouachita	17	9.4	9.0	9.5	8.9	7.3	14.0	17.1	14.7	12.5	10.4	7.7	7.2	8.7	7.2	7.0	6.9	6.9	6.6	6.0	5.4	4.9	4.8	4.7	4.6	4.4	4.2	4.3	4.2	4.2	4.2	4.8
Boughton	Little Mo.	20	12.8	16.1	17.8	15.9	12.3	17.5	20.1	19.0	17.0	13.2	10.6	8.8	7.8	7.2	6.6	6.2	5.9	5.6	5.4	5.2	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4 2	4.1	4.2	4.2
Camden	Ouachita	26	27.0	24.6	22.4	21.0	19.8	20.9	23.9	27.1	30.1	31.4	31.8	30.8	29.1	26.8	23.3	19.8	17.1	15.0	13.5	11.4	9.6	7.9	6.4	5.9	5.5	5.4	5.0	4.6	4.6	4.7	4.8
Benton	Saline	20	6.2	7.4	6.7	6.3	6.2	11.3	12.9	10.5	15.2	12.2	9.3	8.2	7.4	7.0	6.5	6.2	6.0	5.7	5.5	5.4	5.2	5.0	4.9	4.9	4.7	4.6	4.5	4.4	4.3	4.3	4.2
Whitecliffs	Little River	25	21.4	24.6	25.4	25.0	23.5	21.6	21.0	20.3	20.2	19.1	18.9	18.1	17.1	16.0	14.9	13.4	10.5	9.0	7.0	7.0	4.0	3.5	3 0	3.0	3.0	7.5	10.7	11.0	10.6	10.1	9.0
Index	Red	25	17.0	18.8	20.2	20.3	20.4	19.6	20.6	22.0	23.0	23.7	22.7	20 6	19.3	18.2	17.1	17.2	17.5	15.5	14.5	13.8	13.3	13.0	12.8	12.8	14.0	19.2	20.0	19.4	19.4	17.2	15.4
Fulton	do	25	21.3	22.3	24 0	24.6	25.0	24.7	24.5	25.6	26.0	26.4	26.2	24.5	23.0	21.5	19.8	18.6	18.5	16.3	14.3	13.1	12.3	11.6	11.2	11.1	13.2	16.9	19.5	19.8	19.8	18.8	16.2
Big Lake Outlet	St. Francis	10	4.4	4.3	4.3	4.2	4.1	4.1	4.1	4.0	3.8	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.3
St. Francis	do	18	6.1	6.0	6.0	5.9	5.9	5.7	5.6	5.5	5.5	5.4	5 4	5.3	5.3	5.7	5.7	5.5	6.2	5 5	4.7	4.5	5.2	5.5	5 6	5.7	5.4	5.2	5.0	4.9	4.8	4.5	4.3
St. Francis L.L.	do	..	18.7	18.3	17.9	17.6	17.3	17.2	17.1	17.0	17.1	17.0	16.9	16.9	16.8	16.7	16.6	16.5	16.4	16.3	16.3	16.2	16.2	16.6	16.8	16 5	16.3	16.1	15.9	15.9	15.8	15.8	15.8
Marked Tree	do	17	6.3	6.0	5.8	5.6	5.4	5.3	5.2	5.0	4 9	4.8	4.8	4 8	4.7	4.7	4.6	4.5	4.4	4.3	4.3	4.2	4.2	3.8	3.8	4.3	4.2	4.1	3.9	3.8	3.8	3.8	3.7
Parkin	do	28	4.8	5.5	5.6	5.3	5.2	5 0	4.9	4.7	4.6	4.5	4.3	4.3	4.3	4.2	4.2	4.1	4.0	4.0	3 9	3.8	3.8	3.7	3.6	3.5	3.6	3.7	3.5	3.5	3.5	3.4	3.4
Madison	do	32	6 2	6.2	5.8	5.2	4.5	3.8	3.3	3.2	3.0	2.8	2 6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	1.9	1.9	1 9	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.6	1.5
Helena	Mississippi	42	26.3	25.5	24.4	23.1	21.6	20.1	18.7	17.5	16.4	15.6	15.0	14.3	13.8	13.5	13.3	12.9	12.4	11.9	11.2	10.3	9.8	9.7	10.2	10.5	10.6	10.0	8.9	7.6	6.9	6.4	6.0
Arkansas City	do	42	24.5	24.1	23 3	22.4	21.4	20.7	19.7	18.6	17.5	16.8	16 9	16.9	16.5	15.7	14.8	14.1	13.5	12 8	12.1	11.2	10.3	9.3	8.8	8.4	8.4	8.4	8.0	7.2	7.0	6.9	6.6

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1] Precipitation is for the 24-hour period, midnight to midnight. [2] Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3] Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Bethesda, Batesville; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVI LITTLE ROCK, ARK., JUNE, 1941 No. 6

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The monthly mean temperature for the State, based on the reports from 75 stations, was 76.2°, which is 0.9° below the average for the past 51 years. Temperature departures at different stations varied from +2.1° at Harrison to —3.9° at Ozark. Twelve stations, eight of which are in the northeastern sections of the State, were warmer than normal, the remaining 63 were cooler than normal. The highest monthly mean temperature was 79.8° at Dumas, and the lowest was 71.8° at Devils Knob, Irons Fork and White Rock. The highest temperature reported during the month was 103° at Corning on the 30th, and the lowest was 47° at Lead Hill on the 16th. Nine stations reported temperatures of 100° or higher. The highest temperatures were recorded from the 23d to the 30th, while the lowest occurred on the 16th and 17th at most stations.

June precipitation, based on reports from 108 stations, averaged 4.01 inches, which is 0.05 inch below the 51 year average. However, rainfall amounts varied considerably in different sections of the State, the northeastern section again having the least rainfall, while the southwestern section again had the most. The largest amount reported from an individual station was 9.28 inches at Highland, and the least was 0.44 inch at Marked Tree. Twenty-three counties reported over four inches, of which eight counties reported over six inches. Two counties, Mississippi and Poinsett, reported less than an inch. The greatest rainfall in 24 hours was 5.04 inches at Glenwood on the 2d. The average number of days with a measurable amount of rain for the State as a whole was eight. There were twelve clear days, twelve partly cloudy and six cloudy. Sunshine was 72% of the possible amount.

Thunderstorms were reported on 24 days of the month. On June 23d, two men were killed when lightning struck a peach shed two miles east of Clarksville. Light hail was reported on four days, but caused no damage.

Heavy rainfall in Oklahoma during the first part of June resulted in flood stages on the Arkansas river as far south as Morrilton. Financial loss, mostly in crops and prospective crops, is estimated at $135,000.

As the month closed, cotton was making satisfactory progress in most sections of the State, but was at a standstill in the dry eastern and northeastern sections. Boll weevils had appeared in the southern and western counties, but only slight damage was reported. The corn crop was greatly benefited by rainfall the first of the month, and except in the dry section of the State made good progress. Harvesting of the tomato crop began in the southeastern area about the middle of the month, and by the end of the month marketing had also begun in the central and northwestern area. Fruit crops advanced normally throughout the month, and the harvesting of the earliest varieties of peaches in the southwestern area was just beginning at the end of the month.

R. D. N.

JERRY E. SCANLAN
1855-1941

Jerry E. Scanlan died at his home at Bee Branch July 11th. Mr. Scanlan was born in Cork, Ireland, came to this country in 1863, settled at Bee Branch in 1879, and served as our Cooperative Observer July 1, 1892 to July 11, 1941. For nearly half a century he kept the weather record for the love of the work. His is the longest period of service by an individual in Arkansas' Climatological History.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	29.95	30.20	22	29.66	10	6.1	18	w.	12	..	..	..	74
Fort Smith..	29.92	30.14	22	29.69	10	6 5	23	nw.	10	83	53	54	72
Little Rock..	29.96	30.17	21	29.70	10	7.4	38	n.	10	90	57	65	73
Memphis	29.94	30.16	20	29.73	3	7.3	25	sw.	25	83	52	54	67

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog	1	2	..	..	1	..	1	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Light hail	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	5	1	..	..	..	..	..	..	..	..
Moderate hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm	19	17	7	..	1	14	5	7	6	21	7	..	4	7	5	..	..	..	1	13	22	17	15	11	8	12	12	11	1	..

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.83	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2.60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.9	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.95	0	9	14	10	6
1938	75.8	101	48	4.34	0	9	13	9	8
1939	77.9	100	49	4.50	0	11	9	13	3
1940	75.2	98	45	4.35	0	10	12	9	9
1941	76.2	103	47	4.01	0	8	12	12	6
Period	77.1	113	35	4.06	0	8	14	10	6

Climatological Data for June, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	74.7	......	92	25§	55	18	31	5.32	......	2.05	0.0	9	3	19	8	e.	L. R. Water Works
Arkadelphia	Clark	200	45	76.8	......	93	23§	53	17	28	4 71	+0.10	1.50	0.0	10	14	10	6	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	2.29	−1.33	1.09	0.0	7	9	14	7	......	George W. Reitzammer
Batesville Airway	Independence	363	4	77.4	+ 2.0	102	30	52	18	39	2.05	......	1.11	0.0	5	3	18	9	sw.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	1.93	−1.99	0.97	0.0	7	19	6	5	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	74.8	− 2.1	96	25§	51	19	38	4.05	−0.44	1.55	0.0	6	10	14	6	s.	J. E. Scanlan
Benton	Saline	285	5	75.4	......	94	25§	52	17	34	3.70	......	1.59	0.0	11	15	12	3	se.	S. A. Burks
Bentonville	Benton	1295	35	73.2	− 0.2	93	30	52	16	28	5.50	+1.28	3.26	0.0	10	9	14	7	s.	U. S. Weather Bureau
Bethesda †	Independence	500	1	76.0	......	97	30	52	19	39	2.40	......	1.16	0.0	5	14	15	1	sw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	0.98	......	0.31	0.0	8	20	1	9	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	2 60	−1.15	0.82	0 0	9	22	1	7	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	78.4	+ 0.6	99	26	55	18	35	0.47	−3.59	0.33	0.0	5	......	......	......	......	Samuel Norris
Booneville (near)	Logan	465	26	75.4	− 0.8	94	30	53	18	35	5.29	+1.09	1.90	0.0	8	6	20	4	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	3.21	......	0.90	0.0	6	15	4	11	......	Ruby A. Buie
Brinkley	Monroe	205	49	77.5	− 0.3	97	25§	52	17	37	2.78	−0.95	1.50	0.0	10	10	16	4	sw.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	2.87	−0.71	1.22	0.0	9	17	5	8	......	William Jones
Camden	Ouachita	116	55	78.9	+ 0.5	102	25	53	17	36	2.83	−1.38	1.34	0.0	9	12	6	12	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	3.33	−0.26	1.49	0.0	13	15	9	6	sw.	R. M. Wheatley
Clinton †	Van Buren	516	19	......	......	......	......	......	......	......	3 14	−0.55	1.13	0.0	7	15	9	6	w.	Doyle G. Love
Clover Bend	Lawrence	235	..	75.2	.. ...	101	30	49	16§	45	2.06	......	0.89	0.0	5	3	26	1	s.	Farm Security Adm.
Conway	Faulkner	309	57	76.4	− 1.9	99	30	56	17	31	4.98	+1.10	1.60	0.0	7	12	16	2	s.	E. E. Cerdrey
Corning	Clay	293	47	78.0	+ 2.0	103	30	51	16	43	2.22	−1.85	0.69	0.0	9	16	11	3	sw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	2.59	−2.36	1.17	0.0	3	12	13	5	......	O. B. McSpadden
Crossett(near)	Ashley	175	28	77.0	− 2.4	95	30	54	17	35	3.50	−0.42	1.41	0.0	8	12	9	9	s.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	5.19	+0.90	2.54	0.0	9	5	22	3	......	J. M. Patterson
Dardanelle	Yell	330	54	77.6	− 0.6	95	25§	57	17	31	8.53	+4.85	3.71	0.0	6	12	12	6	w.	Geo. N. Goodier
DeQueen	Sevier	426	5	75.8	......	93	23	54	17	32	6.08	......	2.29	0.0	10	2	26	2	e.	W. A. Douthit
Des Arc	Prairie	204	2	77.6	......	97	26	55	17	33	4.24	......	1.75	0.9	9	7	11	12	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	71.8	......	87	25§	54	13	21	3.75	......	2.60	0.0	8	15	7	8	sw.	U. S. Forest Service
Dumas	Desha	162	35	79.8	+ 0.4	102	30	52	17	37	1.89	−1.92	0.61	0.0	7	1	25	4	s.	Ben Johnson
El Dorado	Union	270	40	79.4	− 0.2	96	26	57	16	27	4.62	+0.93	2.00	0.0	6	17	7	6	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	77.6	− 0.4	99	26	55	17	33	1.36	−2.47	1.00	0.0	4	7	22	1	sw.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	73.2	− 1.2	92	30	52	16	28	5.54	+0.16	3.45	0.0	10	20	9	1	sw	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	73.6	......	95	30	51	16	31	4.84	......	2.22	0.0	8	4	15	11	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	73.8	− 0.6	93	23§	53	16	31	3.64	−1.10	2.52	0.0	9	12	16	2	s.	University of Arkansas
Fort Smith	Sebastian	448	59	77.2	− 0.3	95	25	61	13	26	4.70	+0.98	1.97	0.0	9	11	9	10	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	3	......	......	......	......	......	......	......	4.35	......	1.57	0.0	9	7	12	11	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	3.74	−0.42	0.61	0.0	11	15	3	12	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	4.08	−0.41	1.15	0.0	9	19	5	6	......	C. G. Long
Gilbert	Searcy	600	15	73.5	......	97	30	50	15	38	3 20	−0.63	1.86	0.0	5	19	3	8	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	9.13	......	5.04	0.0	13	13	3	14	......	Chas. A. Price
Grannis	Polk	950	21	73.6	− 1.8	92	23	51	17	33	7.21	+2.19	2.30	0.0	13	8	15	7	s.	W. E. McVay
Gravette	Benton	1250	43	73 8	+ 0.1	94	28	49	16	33	6.06	+0.51	4.08	0.0	10	14	14	2	s.	Julius A. Schmidt
Green Mountain †	Stone	1100	3	75 2	......	93	25§	55	15	28	3.25	......	1.70	0 0	7	14	9	7	......	U. S. Forest Service
Harrison	Boone	1052	40	75.5	+ 2.1	100	30	50	16	36	2.13	−2.27	1.53	0.0	5	21	8	1	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	4.23	......	1.98	0.0	7	13	14	3	......	Lester B. Logan
Helena	Phillips	300	68	77.0	− 1.4	95	26	57	17	27	3.07	−0.29	0 75	0.0	12	7	12	11	sw.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	3.00	−0.97	1.00	0.0	4	12	17	1	s.	Otto Murphree
Highland	Pike	491	21	77.9	− 1.4	93	26	59	17	24	7.54	+3.44	3.26	0.0	7	8	20	2	se.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	76.6	− 2.4	95	25	54	17	31	3.87	+0.35	0.78	0.0	12	9	17	4	sw.	Experiment Farm
Hot Springs	Garland	600	49	77.2	− 1.0	96	23	59	17	34	5.55	+0.90	3.05	0.0	10	14	14	2	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	7.00	+4.12	2.00	0.0	9	20	2	8	......	W. F. McDowell
Irons Fork †‡‡	Polk	1385	2	71.8	......	90	25§	48	17§	39	6.01	......	2.68	0.0	12	14	11	6	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	6.34	+2.20	3.95	0.0	9	2	22	6	sw	U. S. Forest Service
Jonesboro	Craighead	345	45	78.1	+ 0.4	100	25	56	17	36	1.11	−2.83	0.47	0.0	9	5	14	11	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	74.3	− 1.1	99	30	47	16	39	2.08	−3.17	1.70	0.0	6	20	9	1	s.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	77.0	− 0.4	93	25	61	14	23	5.99	+2.23	2.65	0.0	11	10	10	10	sw.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	77.1	......	96	26§	57	17	29	5.69	......	2.60	0.0	11	10	10	10	sw.	W. B. Airport Station
Lutherville †	Johnson	775	42	74.2	− 1.9	91	24§	55	13§	29	6.44	+1.94	2.52	0.0	10	8	18	4	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	1.17	−2.07	0.65	0.0	4	2	3	25	......	J. W. Eppes
Magnolia	Columbia	315	24	78.4	− 1.0	98	25	56	17	31	5.89	+2.07	2.00	0.0	9	1	26	3	se.	State Agri. School
Mammoth Spring	Fulton	600	36	75.9	+ 1.5	102	30	49	16	42	2.32	−2.00	0.83	0.0	11	14	10	6	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	77.2	− 1.4	98	26	51	17	37	2 52	−0.95	0.85	0.0	7	4	19	7	w.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	....	......	......	......	52	17	......	0.44	−2.78	0.19	0.0	4	20	9	1	s.	Charles Walton
Mena	Polk	1207	52	75.0	− 1.6	93	23§	51	17	31	6.64	+1.64	3.17	0.0	11	11	12	7	sw.	E. W. St. John
Monticello Airway	Drew	273	4	78.6	......	97	30	59	17	28	2.02	......	0.76	0.0	10	8	13	9	s.	Airway Observer
Morrilton †	Conway	315	21	76.4	− 2.2	95	26§	54	17	33	4.40	+0.60	2.36	0.0	8	7	18	5	sw.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	4.31	......	1.93	0.0	8	12	13	5	sw.	C. A. Lovell
Mountain Home †	Baxter	800	28	75.0	0.0	98	30	49	16	35	3.02	−1.42	1.60	0.0	3	13	3	14	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	7.84	......	4.07	0.0	12	12	12	6	s.	J. G. Scott
Mount Ida	Montgomery	702	41	74.2	− 1.8	93	22§	49	17	37	5.33	+1.04	2.40	0.0	9	9	15	6	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	5.17	......	2.53	0.0	7	2	24	4	sw.	U. S. Forest Service
Mulberry(near) †	Franklin	433	2	......	......	......	......	......	......	......	4.43	......	1.45	0.0	12	14	6	10	......	Clifton Ward
Nashville	Howard	350	2	77.0	......	94	25	58	17	26	9.28	......	2.83	0.0	14	7	22	1	w.	H. B. Carruth
Newport	Jackson	231	57	77.5	− 0.4	98	25	55	17	36	4.31	+0.39	1.27	0.0	10	11	17	2	n.	J. D. Henderson
Oden	Montgomery	800	13	73.1^{d}	......	91^{g}	30	53	17	30^{g}	6 80	+3 30	2.59	0.0	11	7	18	5	sw.	U. S. Forest Service
Okay	Howard	288	12	77.8	− 0.2	94	23§	55	17	32	5.09	+2.01	1.55	0.0	12	12	13	5	s.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	0.66	......	0.18	0.0	6	7	19	4	......	G. H. Banks
Ozark	Franklin	396	45	74.0	− 3.9	96	30	53	7§	32	4.50	+0.05	1.63	0.0	7	10	12	8	se.	Orkney O. Milton
Paragould	Greene	275	17	77.2	......	99	26§	54	17	40	1.30	......	0.40	0.0	11	21	8	1	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	1.55	−2.20	0.36	0.0	8	8	7	15	......	Carroll King
Perryville	Perry	325	20	76.8	+ 1.4	96	25§	53	17	34	4.80	−0.10	2.00	0.0	7	5	21	4	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	77.8	− 1.4	94	30	59	17	25	2.22	−1 70	0.82	0.0	8	5	20	5	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	5.59	+1.10	2.36	0.0	7	8	16	6	sw	J. R. Huddleston
Pocahontas	Randolph	300	47	77.2	+ 0.6	100	30	53	17	40	1.62	−2.74	0.55	0.0	9	18	7	5	sw.	Benedictine Sisters
Portland	Ashley	122	34	78.4	− 1.0	94	25§	58	17	28	4.25	+0.78	1.43	0.0	10	6	16	8	sw.	W. E. Edmiston
Prescott	Nevada	318	52	78.6	− 0.2	96	26	58	17	29	3.47	−0.78	1.28	0.0	10	15	11	4	s.	W. R. Hambright
Rogers	Benton	1300	50	72.8	− 0.8	93	30	52	13	29	5.62	+0.50	3.53	0.0	13	10	18	2	sw.	Howard Fowler
Rosebud	Faulkner	680	6	......	......	......	......	......	......	......	4.37	......	1.39	0.0	7	16	11	3	sw.	G. A. Maddox
Russellville ‡‡	Pope	526	28	76.4^{a}	− 1.2	96	25	55^{a}	17	34^{a}	5.88	+1.80	1.95	0.0	10	18	7	5	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	77.8	......	98	27	54	17	30	3.44	......	1.24	0.0	8	10	10	10	sw.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	2.81	−1.17	0.84	0.0	8	16	2	12	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	76.7	− 0.6	97	25§	55	17	37	3.78	−0.22	1.91	0.0	9	17	7	6	sw.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	5.83	+2.17	2.47	0.0	11	15	0	15	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	5 79	+2.16	3.23	0.0	8	13	3	4	s.	S. C. Story
Stuttgart	Arkansas	214	53	76.6	− 1.4	98	30	58	17	32	3.42	−0.33	1.05	0.0	9	20	9	1	s.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	77.7	......	95	26§	56	17	29	2.84	......	0.66	0.0	10	......	......	......	......	Rice Experiment Sta
Subiaco	Logan	750	43	76.4	− 1.4	98	9§	56	17§	31	4.36	+0.33	1.32	0.0	7	10	13	7	s.	New Subiaco Abbey
Texarkana	Miller	332	56	77.8	− 1.3	94	24§	58	17	28	4.62	+0.76	1.10	0.0	7	15	9	6	s	H. S. Brashear

Climatological Data for June, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike.........†	Pope	2240	16	70.0	......	87	25§	56	13§	19	3 95	−0.95	2.30	0.0	8	16	6	8	sw.	U. S. Forest Service
Wabash	Phillips	179	1	. ..	......	......	......	54	18	......	2.28	......	0.76	0.0	7	6	17	7	sw.	Farm Security Adm.
Waldron	Scott	675	21	76.0	......	96	19	52	18	39	5.80	+1.18	2.95	0.0	2	2	26	2	se.	Wilson Ferguson
Warren	Bradley	206	46	78.8	− 0.5	97	26	57	17	30	1.81	−1.91	0 80	0.0	10	2	5	23	sw.	C. N. Turner
Whitecliffs	Little River	290	34	....	.. ...	......	......	......	......	......	7.75	+4.19	2.80	0.0	7	18	4	8	......	L. M. Snead
White Rock ......†	Franklin	2285	4	71.8	......	87	23§	55	13	23	3.49	......	2.13	0.0	11	14	13	3	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	78.0	+ 1.1	96	19§	53	17	39	0.66	−2.65	0.35	0.0	4	12	3	15	s	D. O. Anderson
Wright	Jefferson	234	1	77.3	.....	96	25	54	17	32	1.18	......	0.66	0.0	3	4	19	7	sw.	Farm Security Adm.
Wynne	Cross	167	32	77.4	− 0.4	97	26§	50	17	40	2.52	−1.38	0.95	0.0	10	8	18	4	s.	B. M. Eddins
State Means	....	.. .	..	76.2	− 0.9	103	30	47	16	45	4.01	−0.50	5.04	0.0	8	12	12	6	s.	

Daily Precipitation for June, 1941

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Alum Fork Reser..	Ouachita.	.05	2.05	.28	....	....	.29	....	....	...	1.05	.69	....	T.	....	T	....	....	....	....	.27	.08	....	.65	....	....	....	....	T.	....	....		5.32
Arkadelphia.....[2]	Ouachita..	T.	1.50	.17	....	....	....	.09	....	T.	36	.78	.01	....	....	....	T.	....	....	....	....	.25	....	..	1.20	....	....	T	.30	....	.05		4.71
Arkansas City...[2]	Mississippi	....	....	1.09	T	....	....	T.	....	....	....	.67	.08	....	.21	.06	.09	....	....	....	....	....	....	....	....	....	....	....	.09	....	....		2.29
Batesville Air'y .[1]†	White ...	.09	.77	....	....	....	.07	....	....	....	1.11	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	....	....	....		2.05
Batesville River .[2]	White	....	.70	.10	.02	....	....	.08	....	....	.97	.06	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....		1.93
Bee Branch	Arkansas..	.85	1.20	....	....	....	05	T.	....	....	1.55	.35	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	.05	T.	....	....		4.05
Benton........[2]	Saline	....	1.59	.10	....	....	....	.13	....	.03	.53	.63	....	....	....	....	.02	....	....	....	....	....	.26	....	....	....	....	.33	.05	.03	....		3.70
Bentonville....[1]‡	Arkansas..	.76	.01	.01	....	....	.26	.45	T.	1 18	2.08	....	T.	.01	....	....	....	....	....	....	T	.67	....	.07	....	T.	T.	T	....	....	....		5.50
Bethesda.......***	White.	.18	.81	....	....	....	....	....	.06	...	1.16	....	....	....	....	....	....	....	....	....	....	.19	....	....	....	....	....	....	....	....	....		2.40
Big Lake Outlet..[2]	St. Francis	....	.13	.31	.08	....	....	T.	....	....	.06	.02	....	.03	....	....	....	....	....	....	....	....	....	T.	....	T.	....	.11	....	.24	....		0.98
Black Rock.....[2]	White	....	.31	.53	....	....	....	.12	....	....	.50	.18	....	.06	....	....	....	....	....	....	....	....	.82	.04	....	....	.04	....	....	....	....		2.60
Blytheville......[2]	St Francis	....	.03	.04	....	....	....	....	....	.04	T.	T.	....	.03	....	....	....	....	....	....	....	T.	.33	....	....	....	T	....	T.	....	....		0.47
Booneville	Arkansas..	.10	1 90	....	....	....	....	.06	....	....	1.54	....	....	....	....	....	....	....	....	....	.64	....	.06	.05	....	....	.94	....	....	....	....		5.29
Boughton.....[2]	Ouachita..	....	T.	63	....	....	....	.30	....	....	T.	.76	....	....	....	....	.90	....	....	....	....	....	....	....	....	....	....	....	.56	.06	....		3.21
Brinkley	White	....	1.50	.20	....	....	.14	.02	....	....	.12	.25	....	.05	.02	....	....	....	....	....	....	....	....	....	....	....	....	.18	.30	....	....		2.78
Calico Rock.....[2]	White	....	.40	.28	....	....	....	.18	.33	.04	1.22	.08	....	....	....	....	....	....	....	....	....	....	.33	....	....	T.	.01	....	....	T.	....		2.87
Camden.........[2]	Ouachita..	....	.02	.02	....	....	....	.42	....	....	....	1.34	....	....	.05	....	.20	....	....	....	....	....	....	.02	.29	....	....	....	.47	....	....		2.83
Clarendon.....[2]	White	.02	1.49	.05	.07	....	...	.63	....	....	.02	.52	....	....	....	T.	....	....	....	....	....	.07	....	.05	....	.26	....	.04	.03	.08	....		3.33
Clinton	White	.23	1.13	....	....	.67	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	....	.20	....	.18	....		3.14
Clover Bend	White	....	.89	.12	....	....	.21	....	....	....	.63	....	....	....	....	....	....	....	....	....	....	.21	....	....	....	....	....	....	....	....	....		2.06
Conway	Arkansas..	1.16	1.60	.06	....	....	.52	....	....	....	1.34	....	....	....	....	....	....	....	....	....	....	....	....	.03	....	....	....	.27	....	....	....		4.98
Corning.........[2]	White	....	.69	.68	....	....	....	.10	.05	....	.08	.42	. ..	.08	....	....	....	....	....	....	....	....	....	.08	....	....	T.	....	.04	....	....		2.22
Cotter..........[2]	White	....	1.09	....	....	....	....	....	....	....	1.17	....	....	....	....	....	....	....	....	....	....	....	.33	....	....	....	....	....	....	....	....		2.59
Crossett..[near]..	Ouachita..	....	....	.16	....	....	....	.11	....	....	....	1.41	....	....	....	.21	1.36	....	....	.13	.06	....	....	....	....	....	....	....	.06	....	....		3.50
Danville........[2]	Arkansas..	....	2.54	....	....	....	....	T	.03	.02	1.42	.98	....	....	T.	....	....	....	....	....	....	.07	.08	....	T.	....	....	.01	.04	....	....		5.19
Dardanelle.......[2]	Arkansas..	....	3.71	.06	....	....	....	.02	T.	....	1.19	.58	....	....	T.	....	....	....	....	....	....	....	....	....	T	....	....	....	....	2.97	....		8.53
De Queen	Red	.01	2.05	.21	....	....	T.	.24	.07	....	2.29	....	....	....	..	.04	....	....	....	....	.45	....	....	....	T.	....	....	.44	.25	....	....		6.08
Des Arc.........[2]	White.	....	1.75	.04	....	....	....	.23	....	.31	.04	1.65	.04	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	T.	.03	....		4.24
Devils Knob	Arkansas..	.09	.70	.02	....	....	....	.10	T.	....	2.60	....	....	....	....	....	....	....	....	....	....	....	.14	.05	....	....	....	....	.05	....	....		3.75
Dumas	Mississippi	T.	.56	....	....	....	....	.38	....	....	.05	.61	....	T.	.12	.03	T.	....	....	....	T.	T.	T.	.. .	T.	T	....	....	.14	....	....		1.89
El Dorado.......[2]	Ouachita..	....	....	....	....	....	....	2.00	.15	....	T.	1.05	....	....	....	....	1.35	.04	....	....	....	.03	....	....	....	....	....	....	....	....	....		4.62
England	Arkansas..	....	.10	.06	....	....	....	T.	T	....	1.00	....	....	T.	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....		1.36
Eureka Springs	White	.22	1.40	.05	....	....	.15	....	.04	....	3.45	....	03	....	....	....	....	....	....	....	....	....	.09	....	.09	....	....	....	.02	....	....		5.54
Fayetteville	White	.07	2.22	.01	T.	....	.08	T.	T	.08	2.21	....	T.	.12	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T	....		4.84
Fayetteville Exp. S	White.	.08	.71	.04	....	....	.03	....	T.	.13	2.52	....	T	.03	.05	....	....	....	....	....	....	....	T	.05	....	....	....	....	T.	....	....		3.64
Fort Smith.....[1]‡	Arkansas..	1.91	.45	T.	....	....	.03	.05	T.	.02	1.78	....	....	T.	T.	.01	....	....	....	....	T.	T.	....	T.	....	....	.43	.02	T.	....	....		4.70
Fort Smith W....[2]	Arkansas .	.88	T.	T	....	....	.14	....	....	1.57	.18	....	....	.10	....	....	....	....	....	....	.03	T.	1.04	.31	....	.10	....	....	....	....	....		4.35
Fulton..........[2]	Red	....	.48	.20	....	....	....	.25	T.	05	.61	.56	....	....	.40	....	.36	....	....	....	....	T.	....	.15	.33	....	....	....	.35	....	....		3.74
Georgetown......[2]	White	....	.95	.10	.06	....	....	.72	....	30	1.15	.60	....	.05	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	....		4.08
Gilbert.........[2]	White	....	.93	....	T.	....	....	....	....	....	1.86	.17	....	.06	....	....	....	....	....	....	....	....	.18	....	....	....	....	....	....	....	....		3.20
Glenwood........[2]	Ouachita..	....	5.04	.16	....	....	....	.23	.07	.08	.90	1.18	....	....	....	....	.03	....	....	....	....	....	.18	.03	....	....	....	.40	.46	.37	....		9.13
Grannis	Red	.07	1.85	.43	....	....	.18	.26	.12	T.	2.30	T.	....	T.	....	.08	....	....	....	....	....	....	.04	.21	1.44	....	....	.13	.10	....	....		7.21
Gravette	Arkansas..	.50	.11	.11	....	....	.67	.02	T.	.14	4.08	....	.04	....	....	....	....	....	....	....	....	....	.23	.16	....	....	....	....	....	....	....		6.06
Green Mountain..	White.	....	.80	....	....	....	.15	.19	....	....	1.70	....	....	.04	....	....	....	....	....	....	....	.14	....	....	....	....	....	....	.23	....	....		3.25
Harrison	White	.48	....	....	....	....	....	....	....	....	1.53	....	.04	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	.03	....	....		2.13
Heber Springs...[2]	White.	....	1.08	.23	....	....	....	.12	....	.02	1.98	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.68	....		4.23
Helena.........[2]	Mississippi	....	.75	....	.02	....	....	.15	.01	....	.01	.72	....	....	.02	....	T.	....	....	....	....	....	....	.08	.03	....	....	.66	.32	.30	....		3.07
Higden	White	.90	....	..	....	....	T	T	.90	....	1.00	.20	....	....	..	....	....	....	....	....	T.	....	....	....	....	....	....	T.	..	....	....		3.00
Highland	Ouachita..	....	3.26	.85	....	....	....	.20	.32	....	1.90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	.51	..	....		7.54
Hope...........[2]	Red	....	.35	.42	....	....	....	.43	....	.07	.26	.78	....	....	.25	....	.21	....	....	....	....	.15	.20	....	.49	....	....	....	.26	....	....		3.87
Hot Springs	Ouachita..	.04	3.05	.06	....	....	.05	.50	T.	....	1.10	....	....	T.	....	T.	....	....	....	....	.44	24	....	.02	T.	....	....	....	.05	....	....		5.55
Index..........[2]	Red	....	.90	.30	T	....	....	.10	....	....	1.20	.95	....	....	.10	....	1.40	....	....	....	....	....	....	.05	....	....	....	....	2.00	....	....		7.00
Irons Fork.......[2]	Ouachita..	T.	2.68	.08	....	....	....	.10	.03	....	1.89	.58	....	....	.03	....	....	....	....	....	....	.01	.. .	.06	.14	....	....	.02	.39	....	....		6.01
Jessieville	Ouachita..	.06	3.95	....	....	....	.05	.08	....	....	1.36	12	....	....	....	.. .	03	....	....	....	....	....	....	.53	....	....	....	....	.16	....	....		6.34
Jonesboro........[2]	White	....	.29	.17	.01	....	....	.02	....	....	.05	.47	. ..	.03	....	....	....	....	....	....	....	....	T.	....	....	....	.05	....	....	.02	....		1.11
Lead Hill	White ...	.10	.20	T.	....	....	T	.05	....	....	1.70	....	.02	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	T.	....	....	....		2.08
Little Rock...[1]‡	Arkansas..	1.25	1.40	.11	....	....	.06	....	.14	T.	2.29	.03	....	.17	....	.01	....	....	....	....	.48	....	....	....	....	....	....	T	.05	....	....		5.99
LittleRock Air'y [1]‡	Arkansas..	1.17	1.12	.17	T.	....	.30	T.	.10	....	2.60	.07	....	.01	....	.02	....	....	....	....	.09	T.	....	....	....	....	....	T.	.04	....	....		5.69
Lutherville	Arkansas..	1.58	....	.16	....	....	....	.08	....	....	2.52	....	....	....	....	....	....	....	....	....	.08	.76	.03	.40	....	....	.18	....	.65	..	....		6.44
Madison........[2]	St. Francis	....	.20	....	....	....	....	T.	....	....	.. .	.22	....	....	T.	....	....	....	....	....	....	....	.10	....	....	....	....	....	T.	.65	....		1.17
Magnolia	Red	....	....	.06	....	....	...	.53	.02	....	1.67	....	.04	....	....	.68	.70	....	....	....	2.00	T	....	....	....	....	....	....	.19	....	....		5.89
Mammoth Spg...[2]	White	....	.21	.09	....	....	....	.30	....	.08	.83	.07	.04	T.	....	....	....	....	....	....	....	....	.30	.10	....	....	.20	....	.10	....	....		2.32
Marianna	St. Francis	....	.85	.15	....	....	T.	.10	....	.10	....	.65	.10	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	...	.57	....	....		2 52
Marked Tree.....[2]	St. Francis	....	.19	....	....	....	....	T	....	....	T.	T.	....	T.	....	....	....	....	....	....	....	T	T.	T	.04	.03	....	....	....	.18	....		0.44
Mena...........[2]	Ouachita..	T	3.17	.52	....	....	....	.21	.02	T.	1.11	1.01	....	....	.06	....	T	....	....	....	....	.14	.. .	T	.11	....	....	....	.27	.02	....		6.64
Monticello Air..[1]‡	Ouachita.	T.	.37	T.	....	....	.10	.37	....	....	.76	....	....	T	.22	.07	.02	....	....	....	....	....	T	....	.01	....	.02	.08	....	....	....		2.02
Morrilton.......[2]	Arkansas..	....	2.36	.10	....	....	....	T.	....	....	.84	.50	T	T.	....	T.	....	....	....	....	....	.03	T.	.14	.39	....	....	....	T.	.04	....		4.40
Mountainburg	Arkansas..	.29	.58	T.	....	....	.25	T.	....	....	1.93	....	....	.14	T.	....	....	....	....	....	T.	T	.88	.21	....	....	....	..	.03	....	....		4.31
Mountain Home...	White	...	1.60	....	....	....	....	....	T	T.	1.10	....	....	....	....	....	....	....	....	....	....	T	....	....	T.	....	....	....	.32	....	....		3.02
Mountain Valley..	Ouachita..	.43	4 07	.08	....	...	T.	.04	T.	....	1.64	.47	....	T.	T.	.04	....	....	....	....	.14	.37	.17	.08	....	....	....	....	.31	....	....		7.84
Mount Ida	Ouachita..	....	2.09	.07	....	....	....	.22	.17	....	2.40	....	....	.04	....	....	....	....	....	....	.10	....	....	.06	....	....	....	.18	....	....	....		5.33
Mount Ida CCC	Ouachita..	....	2.53	....	....	....	....	....	....	....	2.32	.18	....	....	.02	....	....	....	....	....	....	....	....	.06	....	....	.03	....	....	.03	....		5.17
Mulberry.......[2]	Arkansas..	....	.94	03	....	....	....	....	.36	....	1 45	.33	....	.02	.08	....	....	....	....	....	....	.42	.24	....	.50	....	....	05	.01	....	....		4.43
Nashville	Red	.05	2.83	.71	....	....	....	.15	.24	....	1.90	.01	....	....	T.	.16	....	....	....	....	....	.05	.12	.17	....	....	.09	2.25	.55	...	....		9.28
Newport........[2]	White	....	1.27	.09	....	....	....	.35	T	....	1.25	.61	....	.22	....	....	....	....	....	....	....	.05	.07	.34	....	....	....	....	....	.06	....		4.31
Oden..........[1]	Ouachita..	2.59	.04	....	....	....	.06	.08	....	....	2.58	.04	....	.02	....	....	....	....	....	....	....	.70	....	.12	....	....	....	.11	.46	....	...		6.80
Okay	Red	.10	1.55	.30	....	....	....	.18	.23	....	1.30	.02	....	....	.18	.36	....	....	....	....	.12	....	....	.20	....	....	....	T.	.55	....	....		5.09
Osceola.........[2]	Mississippi	....	.12	....	....	....	....	....	....	.17	.01	T	....	.09	....	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	.18	....		0.66
Ozark..........[2]	Arkansas..	....	1.13	.54	....	....	....	....	.07	....	1.63	.12	....	....	T.	....	....	....	....	....	....	T	.73	....	.28	....	.. .	....	T.	.. -	....		4.50

Daily Precipitation for June, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Paragould	St. Francis		.31	07				.04		.01	.40	.02		.02								.05	.14				.08	T.	.16			1.30
Parkin ²	St. Francis										.15		.10										.23	.22	.10		.36	.26		.13		1.55
Perryville	Arkansas	1 03	2.00				.03				1.35	.12		T.										T.				.15	.12			4.80
Pine Bluff ²	Arkansas		.64	.06				.31			T.	.82	.22		T		T.					T.	.15	T.		.01			.01			2.22
Pine Ridge ²	Ouachita		2.36	.09				.26			1.82	.85		T	T							.19					.02					5.59
Pocahontas	White		.55	.03				.14		.06	.45			.10								.07	.18						.04			1.62
Portland ²	Ouachita		.05	1.43								.75	.18			.12	1.39						.10	.12				.06		.05		4.25
Prescott ²	Ouachita		39	.14				.36	.02	T.	.23	.59			.18		.25								T.				1.28	.03		3.47
Rogers (near)	White	.67	.30	.02			.25	.19	T.	.05	3.53		.03	.04									.08	.24			.04	.18				5.62
Rosebud	Arkansas	.08	1.31	.08			1.39				1.07	.18									.26							T				4.87
Russellville	Arkansas	1.15	1.95	T.	T.			.06			1.79	.05											.10	.13	.01			.31	.30			5.88
St. Charles ²	White		1.24					1.05				.30			.21		.05											.09	.40	.10		3.44
St. Francis ²	St. Francis		.37	.27	.05			T.		.06	.18	.84										T.		.75				.07		.22		2.81
Searcy ²	White		1.91	.09				.25	.02	.05	1.05	.35	.03										.03									3.78
Spring Bank ²	Red		.35	.05				1.22	.03	.02	.05	87	.02		T.		2.47	.03				.02	T.						.70			5.83
Story ²	Ouachita		1.70	.10				.11				3.23										.14	.21	15					.15			5 79
Stuttgart ²	Arkansas			.03			.60					.86			.02		.03						.70	1.05					.09	.04		3.42
Stuttgart ²	Arkansas		.21					.66				.51			.15		.02						.41	.12				.60	.04	.12		2 84
Subiaco	Arkansas	1.20	1.15					.27	T.		1.32	.04									.02		.36	T			T.					4.36
Texarkana ²	Red		1.10					.20			82	.83			.60		.67												.40			4.62
Turnpike	Arkansas	T.	1.09	.02			.08	.03			2.30											.03	.18	.22								3.95
Wabash	Mississippi		.76		.05			.41				.11			.14										.08				.70			2.28
Waldron	Arkansas	T.	2.95					T.	T.		2.85																					5.80
Warren	Ouachita	T.		T			.20	.43			T.	.80			.20	.03	.05				.02	.01						.02	.05			1.81
Whitecliffs ²	Red		2.80	.60				.10			1.45	.80			.15														1.85			7.75
White Rock	Arkansas		.70	.03	.08		T.	.10	.03	.02	2.13				.10							.13	T.				.14		.03			3.49
Wilson ²	Mississippi		.35							.07		.15		.09																		0.66
Wright	Arkansas										.50	.66					.02															1.18
Wynne ²	St. Francis		.45	.03			T	.20			.25	.15	.05	.10							T		.95	.06						.28		2.52

Daily Temperatures for June, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	88	83	85	82	84	85	82	87	89	84	83	81	79	78	80	78	83	85	88	90	90	89	90	90	92	92	91	87	89	91	85.8
	Minimum	64	65	68	64	58	60	66	65	69	63	64	60	58	58	58	61	59	55	57	67	65	63	65	65	67	67	67	69	72	69	63.6
Arkadelphia §§	Maximum	91	85	89	88	88	89	84	89	82	79	86	85	85	86	74	80	86	89	91	92	90	92	93	92	93	93	89	90	91	93	87.8
	Minimum	65	68	68	60	63	64	69	67	71	69	66	63	59	62	64	65	53	57	63	68	63	64	67	65	69	70	70	72	73	73	65.7
Batesville ***	Maximum	92	86	90	83	89	91	85	92	94	84	87	84	85	80	79	83	87	90	94	95	96	95	92	96	100	99	99	92	97	102	90.6
	Minimum	66	68	70	63	58	59	70	66	71	65	66	61	60	60	56	55	54	52	55	62	66	64	68	65	67	69	71	72	72	72	64.1
Bee Branch	Maximum	90	84	84	83	84	85	84	86	88	86	83	79	77	83	80	82	85	88	89	90	91	93	92	95	96	95	93	87	92	96	87.3
	Minimum	62	66	68	64	57	59	67	65	69	64	65	59	57	59	56	55	53	55	51	64	64	61	65	65	64	68	68	69	67	67	62.4
Benton §§	Maximum	90	85	87	83	81	88	83	86	89	82	85	84	82	85	78	79	84	87	90	90	91	90	92	93	94	94	91	89	94	94	87.3
	Minimum	63	67	68	63	58	60	68	66	68	66	65	60	59	58	60	64	52	51	56	65	65	62	61	63	66	68	69	72	72	67	63.5
Bentonville ***	Maximum	88	83	77	78	83	76	83	82	87	74	78	77	76	72	75	80	82	85	87	90	90	88	89	88	91	91	89	87	88	93	83.6
	Minimum	65	66	65	60	56	63	65	67	65	63	62	59	56	55	55	52	55	58	59	64	64	62	64	62	65	71	70	71	74	74	62.9
Blytheville	Maximum	94	85	91	84	89	92	88	94	95	85	88	89	85	83	82	83	87	90	91	97	95	91	93	95	98	99	95	91	95	98	90.7
	Minimum	65	70	71	66	60	65	73	69	73	69	72	65	61	60	58	57	56	55	57	66	69	70	66	65	65	67	74	72	72	73	66.0
Booneville	Maximum	91	87	84	83	86	83	81	81	90	81	84	83	80	81	79	82	85	88	89	91	90	91	93	92	93	93	92	88	91	94	87.2
	Minimum	67	66	70	62	58	65	65	66	73	64	63	58	57	60	60	59	54	53	58	65	65	65	63	62	65	67	68	70	71	69	63.6
Brinkley	Maximum	90	86	89	85	87	90	84	90	91	86	87	85	83	83	80	83	86	90	93	93	91	95	93	95	97	97	94	89	93	97	89.4
	Minimum	63	68	72	66	60	60	70	67	72	67	70	63	63	61	59	64	52	56	56	67	65	65	67	68	68	70	69	72	74	73	65.6
Camden	Maximum	91	95	94	90	95	95	91	93	95	94	87	91	89	89	90	80	86	91	91	90	93	94	95	96	102	95	92	94	95	96	92.4
	Minimum	64	72	71	66	59	62	61	65	72	67	66	64	62	62	63	65	53	56	62	67	63	64	65	65	67	69	70	71	74	75	65.4
Clover Bend	Maximum	93	87	86	84	83	90	85	92	93	85	87	84	84	78	81	85	90	92	95	96	96	92	96	99	98	100	98	94	98	101	90.7
	Minimum	57	65	67	57	54	55	68	61	66	64	70	58	55	56	58	49	49	50	50	62	62	57	59	55	54	65	64	68	68	66	59.6
Conway	Maximum	92	86	83	82	85	86	81	85	91	86	87	79	76	85	80	77	80	81	89	83	95	93	89	96	97	97	94	87	93	99	87.1
	Minimum	66	67	71	65	61	62	68	67	73	66	67	61	60	64	61	61	56	58	58	68	68	65	67	65	69	71	70	72	72	72	65.7
Corning	Maximum	90	85	90	85	88	93	87	94	95	85	88	86	86	80	85	85	89	92	97	99	97	96	98	99	101	101	98	93	99	103	92.1
	Minimum	64	67	69	63	58	60	71	66	71	67	70	63	59	58	54	51	52	53	54	60	66	65	64	66	69	70	71	72	73	73	64.0
Crossett	Maximum	90	89	90	88	87	90	86	92	91	90	87	84	90	90	81	73	83	87	87	87	90	92	91	93	94	94	92	91	94	95	88.9
	Minimum	62	71	70	62	59	60	67	65	71	74	69	66	55	64	64	63	54	56	61	67	65	69	63	65	65	68	67	70	72	71	65.2
Dardanelle	Maximum	90	87	86	85	87	88	86	87	91	87	86	83	80	83	81	83	85	89	91	94	94	92	94	94	95	95	92	88	91	95	88.6
	Minimum	69	68	72	66	61	65	70	70	73	66	67	63	60	62	63	62	57	58	60	69	67	65	67	64	68	71	73	73	75	75	66.6
De Queen	Maximum	89	85	85	84	85	82	84	86	89	80	84	83	81	86	79	78	85	88	90	91	90	92	93	92	92	92	87	89	90	91	86.7
	Minimum	69	67	67	63	62	61	66	69	72	65	66	61	57	57	64	63	54	56	61	68	65	65	64	66	66	68	71	70	72	73	64.9
Devils Knob	Maximum	78	77	76	74	76	76	75	73	81	76	75	73	73	74	74	76	79	79	82	84	83	85	86	86	87	85	86	83	84	87	79.4
	Minimum	65	63	65	59	62	63	69	62	68	59	61	57	54	56	57	58	63	65	66	68	66	65	67	65	72	72	68	67	70	71	64.1
Dumas	Maximum	96	92	93	91	91	96	84	92	97	93	91	90	91	89	74	79	88	92	96	94	94	97	97	99	99	101	99	95	98	102	93.0
	Minimum	64	73	56	69	59	62	68	69	74	72	70	68	65	65	69	65	52	57	62	68	64	66	68	68	69	67	73	72	73	75	66.7
El Dorado	Maximum	91	91	91	88	90	90	90	91	92	85	85	86	89	90	85	75	85	89	89	87	90	93	94	95	95	96	93	92	94	95	89.9
	Minimum	67	73	75	67	63	69	60	69	76	78	70	68	64	67	65	57	61	68	68	71	67	69	69	69	70	74	73	73	72	76	68.9
England	Maximum	90	87	91	85	88	93	87	92	90	85	80	78	87	87	80	80	85	89	92	93	93	91	92	93	97	99	97	92	94	96	89.4
	Minimum	62	68	70	66	59	60	69	66	70	75	60	61	63	61	62	64	55	67	59	68	65	65	70	66	66	70	71	72	75	72	65.9
Eureka Springs	Maximum	88	83	78	80	82	77	84	82	86	74	78	75	76	72	76	80	83	83	86	90	88	89	91	88	90	89	90	87	88	92	83.5
	Minimum	67	64	68	61	56	62	64	65	72	61	62	58	55	54	55	52	55	57	61	65	65	61	63	60	66	71	70	69	74	74	62.9
Fayetteville	Maximum	87	84	78	79	83	78	84	81	85	80	78	77	79	75	77	80	83	86	87	90	89	90	91	90	93	91	90	88	88	95	84.5
	Minimum	67	64	66	62	55	64	64	66	72	62	62	59	54	55	55	51	54	55	56	64	67	62	62	63	63	69	70	69	72	73	62.6
Fayetteville Exp. S	Maximum	88	86	79	80	82	78	84	82	87	80	77	75	77	75	76	80	85	83	86	90	90	90	93	90	91	92	90	88	88	93	84.5
	Minimum	67	65	66	63	55	63	65	66	71	63	63	59	55	56	56	53	54	55	57	64	66	62	62	63	64	70	70	70	74	74	63.0
Fort Smith ***	Maximum	87	84	80	81	86	83	84	86	89	79	80	80	79	78	80	83	86	88	90	93	92	91	94	93	95	91	91	89	92	94	86.6
	Minimum	68	68	69	64	63	67	67	70	76	66	64	64	61	62	66	62	62	62	65	70	69	68	69	67	71	72	76	73	77	75	67.8
Gilbert §§	Maximum	89	86	84	84	86	86	83	86	90	84	83	76	81	80	80	81	84	86	90	91	92	90	90	92	96	94	94	91	89	97	87.2
	Minimum	68	66	64	64	55	55	64	62	67	63	62	53	52	54	50	52	51	52	52	59	61	59	61	59	62	64	64	70	66	63	59.8
Grannis	Maximum	84	85	85	83	84	85	80	85	87	80	83	82	80	85	75	79	82	85	87	90	88	90	92	92	90	90	87	87	89	90	85.4
	Minimum	66	63	64	59	60	58	61	66	69	62	58	56	54	55	60	60	51	52	62	65	62	62	62	62	64	65	67	67	68	70	61.7
Gravette	Maximum	90	83	85	80	87	85	85	82	89	72	77	76	77	77	78	82	85	85	87	91	90	90	92	90	91	92	89	94	92	94	85.6
	Minimum	64	64	64	61	65	63	63	65	67	62	60	56	53	52	51	49	52	55	58	63	67	61	62	60	65	68	70	69	73	74	61.9
Green Mountain	Maximum	88	84	82	80	81	83	82	83	86	84	81	81	87	75	74	77	81	82	85	88	89	88	86	88	93	92	92	89	88	93	84.7
	Minimum	66	65	69	64	61	64	64	66	71	62	65	62	59	58	55	59	62	66	67	70	69	63	67	63	72	75	73	69	73	73	65.7
Harrison	Maximum	91	87	83	82	88	85	90	91	94	80	85	80	82	78	79	81	86	88	90	93	95	92	93	93	97	97	97	96	97	100	89.0
	Minimum	68	66	67	63	55	58	65	67	71	63	62	59	55	59	54	50	52	53	54	61	64	59	62	59	65	66	69	71	71	72	62.0
Helena	Maximum	88	86	89	80	84	90	86	88	90	90	85	84	86	83	80	81	83	87	91	91	92	92	89	92	94	95	93	87	90	93	88.0
	Minimum	62	62	69	64	61	65	69	68	72	73	68	66	63	61	59	62	57	61	65	68	66	65	67	65	68	71	70	70	72	73	66.1
Highland	Maximum	89	84	83	83	87	85	81	87	88	82	82	80	80	83	80	79	83	86	88	83	87	90	92	91	92	93	89	89	89	90	85.8
	Minimum	74	67	68	74	71	67	68	73	74	65	66	73	61	60	64	64	59	74	72	73	74	73	74	74	70	73	72	72	75	75	70.0
Hope §§	Maximum	90	85	86	83	90	88	84	89	91	77	85	83	85	81	71	79	84	89	90	87	91	93	92	94	95	94	93	92	93	93	87.6
	Minimum	61	67	67	66	60	64	67	68	72	66	66	64	62	61	64	63	54	58	62	66	64	63	66	66	68	70	71	71	72	75	65.5
Hot Springs	Maximum	90	85	87	85	87	88	83	86	90	87	85	83	80	84	80	80	87	90	91	91	91	90	96	93	94	94	91	89	92	94	88.1
	Minimum	68	66	69	65	62	66	67	68	73	65	66	65	62	62	69	64	59	61	63	71	65	64	62	66	70	71	73	63	76	72	66.4

Daily Temperatures for June, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Irons Fork.......§§	Maximum	87	82	83	80	84	81	79	82	87	69	81	80	72	81	77	79	82	87	87	87	83	87	89	89	90	90	88	84	87	90	83.6
	Minimum	68	65	62	60	62	61	63	64	72	63	62	51	49	50	55	57	48	48	53	63	58	59	57	57	59	62	63	69	70	70	60.0
Jonesboro	Maximum	92	85	89	84	88	91	86	92	93	88	86	84	84	80	81	82	87	90	95	95	93	96	94	96	100	99	96	90	96	99	90.4
	Minimum	65	67	71	65	60	60	72	66	72	67	70	63	60	60	58	57	56	57	59	65	68	69	69	68	70	71	70	72	74	74	65.8
Lead Hill..........	Maximum	82	86	84	83	86	87	87	88	93	84	83	79	79	75	79	83	86	87	90	93	93	92	93	84	96	98	96	95	94	99	87.8
	Minimum	67	67	67	65	51	57	64	63	71	64	64	61	58	54	50	47	51	51	51	60	62	58	60	58	63	65	67	72	68	68	60.8
Little Rock..***	Maximum	88	83	85	79	84	88	82	87	89	80	84	82	78	82	77	77	82	86	89	89	88	89	87	91	93	93	90	86	90	93	85.7
	Minimum	67	66	71	67	65	68	71	69	73	65	69	64	62	61	64	64	62	63	66	72	70	68	68	69	73	76	72	72	75	74	68.2
Little Rock.....*** [Airway]	Maximum	89	85	87	81	85	90	83	89	89	80	86	84	81	84	78	79	84	86	90	90	89	91	89	93	95	96	92	88	92	96	87.4
	Minimum	66	68	71	65	61	64	70	67	73	65	69	65	62	60	64	61	57	60	61	68	67	66	70	69	69	72	72	73	74	74	66.8
Lutherville.........	Maximum	84	83	81	84	83	85	83	82	87	81	82	78	76	80	78	81	84	86	87	90	90	82	90	91	91	91	88	85	89	90	84.7
	Minimum	66	67	68	62	59	65	61	65	71	63	64	59	55	59	59	56	55	57	61	66	65	62	66	63	67	69	70	70	71	71	63.7
Magnolia..........	Maximum	90	87	87	88	87	87	93	90	92	88	87	87	87	87	85	79	86	90	90	90	91	93	93	94	98	94	95	92	94	97	89.9
	Minimum	67	69	67	66	61	69	68	69	75	68	69	65	60	63	62	65	56	59	65	70	64	66	66	67	70	71	72	72	74	75	67.0
Mammoth Spring.	Maximum	90	85	88	83	89	91	83	90	95	83	86	83	83	81	81	83	87	90	95	97	94	94	93	93	96	99	94	93	98	102	90.0
	Minimum	65	68	68	65	54	55	70	64	65	65	68	57	58	54	54	49	50	53	53	59	59	63	63	63	67	68	68	70	69	69	61.8
Marianna...	Maximum	92	86	89	82	86	92	85	92	92	90	84	86	86	85	80	81	86	88	93	93	94	95	93	94	96	98	94	87	92	95	89.5
	Minimum	60	68	70	65	58	62	69	66	71	70	69	65	60	61	59	64	51	58	56	67	65	65	63	64	66	69	69	76	73	72	64.9
Marked Tree....§§	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	62	68	68	65	59	58	69	67	58	67	62	62	61	59	56	57	52	54	54	66	65	67	68	66	69	70	69	71	71	72	63.7
Mena..............	Maximum	89	85	84	82	87	82	83	84	89	78	84	82	77	84	78	78	83	85	88	92	91	90	93	91	92	93	89	89	91	92	86.2
	Minimum	68	65	64	62	58	64	64	67	74	64	62	59	59	56	60	60	54	55	59	61	65	65	62	65	65	68	70	70	72	73	63.7
Monticello......***	Maximum	92	90	91	87	88	93	78	91	91	88	86	87	89	88	78	77	85	89	89	89	90	94	92	95	95	96	94	94	96	97	89.6
	Minimum	65	73	72	66	61	65	66	69	72	70	70	66	62	64	67	64	59	64	66	69	66	66	66	67	68	71	72	71	74	74	67.5
Morrilton ....§§	Maximum	92	85	85	84	87	89	88	88	91	81	84	81	76	83	81	81	85	87	90	92	93	93	91	93	94	95	92	86	93	95	87.8
	Minimum	63	64	69	65	59	64	68	70	72	65	66	63	61	61	61	61	54	57	57	68	66	63	66	63	68	70	72	72	71	72	65.0
Mountain Home...	Maximum	92	86	84	85	86	86	85	89	91	82	84	80	81	75	80	83	86	84	90	94	93	90	91	96	96	96	95	91	93	98	88.1
	Minimum	65	67	67	56	58	60	67	64	69	64	65	57	54	56	56	49	51	51	56	62	64	60	63	61	65	68	70	73	70	70	61.9
Mt. Ida	Maximum	91	86	88	85	86	86	82	85	90	80	84	82	80	86	77	79	84	87	90	90	90	93	92	92	93	92	91	89	90	93	87.1
	Minimum	65	67	67	60	54	60	64	66	72	65	64	56	54	54	57	62	49	50	54	62	61	59	58	60	61	65	67	70	68	68	61.3
Nashville..........	Maximum	91	85	87	85	85	88	83	88	89	79	85	84	83	86	75	79	83	87	88	87	88	91	92	92	94	93	89	91	91	91	87.0
	Minimum	67	67	68	66	64	69	68	69	74	66	68	63	60	60	61	65	58	61	65	70	66	65	67	68	70	70	71	73	74	75	66.9
Newport...........	Maximum	92	84	88	86	88	90	84	90	91	85	85	81	81	83	80	83	88	90	93	95	95	95	93	97	98	97	95	89	94	96	89.5
	Minimum	66	68	70	68	60	60	72	66	73	67	71	62	60	59	60	57	55	56	57	65	68	66	65	67	68	70	70	73	74	71	65.5
Oden......... ..***	Maximum	..	..	..	..	..		..	84	87	77	81	79	75	81	76	80	83	84	87	88	88	88	88	90	90	89	86	85	88	91	84.6
	Minimum	60	54	55	47	60	60	72	66	77	63	64	58	56	56	59	57	53	54	57	65	61	60	63	63	64	67	68	70	70	70	61.6
Okay	Maximum	90	90	88	88	89	89	84	88	91	94	85	85	86	86	85	79	84	91	90	89	90	92	94	93	94	93	92	91	93	92	89.2
	Minimum	68	67	62	65	64	63	68	69	74	66	67	62	61	61	64	65	55	59	66	68	66	66	66	67	66	70	72	72	75	75	66.3
Ozark.............	Maximum	86	85	83	84	85	84	80	84	89	87	82	79	79	80	79	83	83	86	88	90	91	90	92	90	92	94	92	90	93	96	86.5
	Minimum	66	64	65	60	56	63	53	65	67	61	62	66	53	58	58	55	53	54	56	64	65	61	62	60	64	67	66	69	67	69	61.6
Paragould....... .	Maximum	90	89	89	88	88	92	85	92	93	85	86	83	84	79	81	83	87	80	95	97	94	93	94	96	98	99	95	95	94	99	90.1
	Minimum	63	68	69	65	58	58	72	65	70	67	70	61	61	57	57	55	54	55	55	61	66	67	63	69	69	70	68	68	72	72	64.2
Perryville	Maximum	92	88	88	83	85	89	87	88	92	89	87	83	77	83	88	80	85	86	90	91	92	92	92	93	96	95	91	88	93	96	88.6
	Minimum	63	68	71	66	58	61	68	69	70	65	67	61	59	59	61	61	53	55	56	66	76	62	67	64	66	68	69	71	69	80	65.0
Pine Bluff.........	Maximum	88	86	87	83	86	90	81	89	90	83	86	83	84	84	78	78	83	87	90	86	91	91	89	92	93	93	91	90	91	94	87.2
	Minimum	65	70	72	67	62	65	67	69	75	67	70	67	65	64	66	68	59	62	65	71	69	71	68	67	69	74	73	73	74	77	68.4
Pocahontas	Maximum	89	88	91	88	88	90	88	91	93	88	87	86	85	81	82	84	87	91	94	96	95	94	95	97	99	99	97	90	97	100	91.0
	Minimum	64	68	69	63	58	58	70	65	70	66	69	59	57	56	54	56	53	54	54	60	65	64	67	68	69	69	68	71	70	71	63.5
Portland	Maximum	91	90	89	87	87	92	85	91	93	91	85	83	89	88	82	74	83	87	89	89	90	91	89	93	94	94	93	91	93	94	88.9
	Minimum	64	72	70	67	63	64	71	69	74	75	70	70	60	65	65	63	58	61	65	69	68	66	67	69	69	72	71	72	72	74	67.8
Prescott............	Maximum	92	90	89	86	88	90	85	90	93	90	88	86	87	88	86	80	86	89	91	90	92	93	93	94	94	96	93	93	94	95	90.0
	Minimum	67	69	68	67	63	67	68	68	74	68	66	64	62	62	65	65	58	60	64	69	66	66	68	68	69	72	73	71	75	75	67.2
Rogers	Maximum	88	84	78	78	83	75	83	82	88	75	80	77	77	74	75	80	82	83	86	89	89	89	89	88	91	92	90	87	88	93	83.8
	Minimum	65	64	66	61	55	62	63	64	69	62	61	56	52	53	55	53	55	57	57	62	64	60	62	61	64	70	70	69	72	72	61.9
Russellville........	Maximum	92	87	87	84	86	88	88	88	92	92	85	85	82	82	81	82	86	88	90	94	95	90	91	93	96	94	92	90	91	93	88.8
	Minimum	67	67	71	64	59	62	68	68	72	61	65	59	56	61	59	60	55	56	58	..	65	63	65	62	67	68	58	71	71	71	63.9
St. Charles ......§§	Maximum	90	88	91	82	88	92	85	91	91	88	86	87	86	85	81	82	86	89	91	92	91	95	93	96	94	98	93	94	94	97	89.9
	Minimum	61	69	71	66	61	59	66	68	71	73	69	65	65	61	61	64	54	56	59	66	67	66	68	67	68	70	70	68	69	71	65.6
Searcy	Maximum	90	85	86	83	87	91	85	90	91	84	85	81	80	84	82	82	86	88	93	95	96	94	91	96	97	97	95	88	92	96	89.0
	Minimum	63	66	70	65	58	60	70	66	70	65	69	60	60	57	59	60	55	56	56	65	61	64	68	68	68	70	71	72	70	70	64.4
Stuttgart	Maximum	89	88	92	86	88	93	84	91	91	85	88	87	87	86	79	82	86	89	92	92	93	94	92	94	94	96	95	91	93	98	86.5
	Minimum	63	70	69	64	62	61	67	68	72	74	70	64	62	61	61	66	58	61	60	67	68	67	67	66	69	72	71	72	73	72	66.6
Stuttgart (near).§§	Maximum	90	86	89	82	86	91	82	90	92	91	85	86	86	85	78	80	85	88	90	92	92	93	90	94	94	95	92	90	91	95	88.7
	Minimum	61	69	72	64	59	63	68	68	73	71	66	66	63	63	67	66	56	59	61	67	67	66	69	67	68	71	72	72	73	74	66.7
Subiaco	Maximum	87	85	82	85	86	85	85	85	98	85	82	81	79	80	80	83	87	89	90	93	91	91	93	94	94	92	93	92	95	98	88.0
	Minimum	66	66	70	62	59	64	67	67	74	64	64	62	60	61	61	60	56	56	59	67	66	63	65	63	67	70	71	71	75	72	64.9
Texarkana	Maximum	91	86	88	86	89	91	75	88	91	82	87	82	82	86	77	79	84	88	90	91	90	92	93	94	94	93	93	91	93	93	88.0
	Minimum	71	69	71	66	65	71	67	71	75	65	66	64	62	63	63	66	58	63	67	71	67	71	65	68	68	68	71	69	72	73	67.5
Turnpike..........	Maximum	70	71	71	68	69	75	74	74	78	75	72	72	66	64	65	71	75	77	79	83	81	81	82	84	87	85	84	81	81	87	76.1
	Minimum	65	62	65	60	61	64	63	64	69	59	61	58	56	56	57	57	61	65	68	69	63	64	67	65	73	72	70	66	70	70	64.0
Waldron	Maximum	92	89	85	82	88	85	84	85	96	71	87	82	80	81	80	81	85	88	96	93	91	90	92	94	95	94	92	90	93	94	87.6
	Minimum	68	65	68	64	58	63	68	71	74	67	63	58	55	68	59	61	62	52	57	64	62	66	60	64	64	66	68	71	70	73	64.3
Warren	Maximum	90	88	90	87	88	91	78	91	92	92	86	86	88	87	88	78	85	89	90	91	91	94	93	94	96	97	93	91	93	96	89.8
	Minimum	65	75	74	68	62	65	68	69	70	71	71	68	64	65	66	66	57	59	63	65	69	67	67	69	70	70	72	69	74	76	67.8
White Rock	Maximum	85	78	77	76	77	75	76	74	81	78	77	74	76	75	75	78	79	79	81	84	83	85	87	85	86	85	84	82	82	87	80.0
	Minimum	65	62	65	59	63	63	60	65	68	60	61	57	55	56	59	59	61	63	65	68	65	62	65	65	71	69	67	67	69	71	63.5
Wilson	Maximum	90	90	89	89	89	89	88	90	91	91	88	84	84	83	81	82	86	90	96	94	94	92	92	96	92	91	95	89	94	95	89.8
	Minimum	65	68	70	67	65	60	73	70	68	69	70	65	62	61	59	61	53	57	57	67	67	67	67	65	69	70	71	72	74	73	66.1
Wynne	Maximum	92	90	88	83	87	91	85	92	92	88	85	86	83	83	80	82	87	90	95	95	96	92	92	94	95	97	95	91	93	97	89.9
	Minimum	63	69	70	64	57	60	68	65	73	68	70	62	61	59	57	60	50	60	55	68	66	66	67	67	69	69	70	71	73	71	64.9

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for June, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Hope, ...§§ Exp. Farm	Evap.	.089	.251	.317	.321	.240	.299	.280	113	.168	.282	.219	.238	.330	.289	.341	.050	.139	.270	.254	.240	.140	.290	.236	.233	.227	.202	.319	.219	.240	.302	7.138
	Mean tem.	76	76	76	74	75	76	76	78	82	72	76	74	74	71	68	71	69	74	76	76	78	78	79	80	82	82	82	82	84	84	76.6
	Wind move	23	38	43	70	30	20	32	43	30	48	57	50	62	52	30	39	14	21	18	27	21	12	26	19	13	....	30	33	60	52	....
Irons Fork... §§ Exp. Forest	Evap.	.125	.185	....	.147	.137	.174	.081	.057	.045	.171	.056	.146	.188	.030	.153	.050	.147	135	.174	.135	.136	.172	.118	.126	.120	.161	.096	.089	.069	.175	3.722
	Mean tem.	78	73	72	70	73	71	71	73	80	66	72	66	60	66	66	68	65	68	70	75	73	73	73	73	74	76	76	76	78	80	71.8
	Wind move	4	5	3	6	6	3	13	7	11	12	1	8	5	1	5	0	1	1	1	3	3	2	1	....	....	1	....	1	4	7	115
Russellville,... Ozark Nursery.	Evap.	....	....	.332	.212	.202	.230	.202	.130	.236	.234	.124	294	.248	228	.196	.196	.226	.280	.262	.196	.304	.252	.284	.164	.286	.208	.234	.166	.320	.270	6.516
	Mean tem.	80	77	79	74	72	75	78	78	82	78	75	72	69	72	70	71	70	72	74	....	80	76	77	78	81	81	75	80	81	82	76.4
	Wind move	41	21	46	35	21	29	40	33	23	35	30	45	35	44	24	21	14	16	20	23	25	19	19	14	14	16	24	33	41	27	828
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.069	.181	.178	.294	.173	.234	.201	.123	.230	.205	.187	.221	.304	.216	.269	.091	.185	.234	.265	244	.230	.170	.317	.069	.332	.175	.270	.254	.168	.278	6.367
	Mean tem.	76	78	80	73	72	77	75	79	88	81	76	76	74	74	72	73	70	73	76	80	80	80	80	80	81	83	82	81	82	84	77.7
	Wind move	30	74	93	99	28	31	86	52	53	96	55	91	104	71	62	12	34	21	28	43	39	28	25	14	22	12	40	68	87	64	1562

Daily Precipitation for June, 1941 Hydrologic Stations

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Antoine(near) 2	Ouachita																															
Beaty Lake(near)	St. Francis		.11					.09			.11	.12	.03													.31			.55			1.32
Beech Grove ‡	White	.13	.65								.74												.22									1.74
Beedeville 2	White		1.60	.38				.19			.11	83	.50	.03									.41	.01								4.06
Blue Mountain 2	Arkansas		.60									1.50																1.30				3.40
Briggsville 1 ‡	Arkansas																															
Cabot 2	Arkansas	2.40	.10	10			.10				1.20											.10										4.00
Carlisle 2	Arkansas		.94	.20				*	*	*	2.70						.02						.04	.25						.15		4.30
Carpenter Dam 1	Ouachita																															
Clarksville 1 ‡	Arkansas																															
Clay SCS 2	Arkansas	.70	1.05	.06			.20	.03			1.52	.13		.14																		
Compton 1 ‡	White																															
Denmark 2	White		.99	.09				.27	.02		1.65	.20		.01																		3.23
Dermott 2	Mississippi			.57				.19				.92	.08		.35		.20						.01			.35	.15			.04		2.86
Eleven Point 2	White		.19	.06							.50	.09											.21									1.05
Evening Shade 2	White		.37	.04				.03	.07	.48	.93	.03		.05									.03									2.03
Foreman 1 ‡	Red																															
Green Forest 2	White																															
Greenwood 2	Arkansas		3.34						.11		1.46	.58																.07				5.56
Hardy 1 ‡	White																															
Harrisburg 2	St. Francis		.60		.22							.22	.14	.16									.13				.20					1.67
Huntsville 2 ‡	White																															
Jacksonville 2	Arkansas	3.85	.11	.22			.18		.31		1.98										.20					.02		.04				6.91
LaCrosse 2	White		.24					.19	.14		.75	.06		.03																		1.41
Lake City 2	St. Francis		.45					.10				.25	.11										.05							.61		1.57
Marvell 2	White		1.25					.25				.45														.65		2.72	.69			6.01
Mountain View 2	White		.45	.06				.83	.03	.13	1.40	.10												.57								3.57
Newhope(near) 2	Ouachita		3.40	.25	.25				50		1.65	.93																	.85			7.83
Nimrod 2 ‡	Arkansas																															
Odell (near)	Arkansas		1.58		.06			.18		.02	2.96	.05			.09										.38							5.32
Parthenon 2 ‡	White																															
Pottsville 2	Arkansas				1.62															.25	.19								.71			2.77
St. Paul 2	White		.91					.25			2.26	.14												.15		.23						3.94
Shirley 2	White		1.01	.15				.29	.11		1.90	11	.35										.39				.47			.05		4.83
Solgahachie 2	Arkansas																															
Sparkman 2	Ouachita		*	.19				.28		.19		1.46					22					.04			24				.07			2.69
Tichnor 2	White		.06					.55				34			.12											.07		.01	.18			1.33
Vick 2	Ouachita																															
Wheeling 1 ‡	White																															
Winfrey 1 ‡	Arkansas																															

Daily River Stages for June, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	10.4	10.4	10.1	12.8	14.9	14.5	14.3	17.8	17.1	16.3	20.9	26.4	28.0	27.6	26.1	24.4	22.4	20.3	19.2	18.1	16.5	14.8	11.9	10.7	10.1	9.5	8.8	9.0	8.6	8.3
Van Buren	do	22	10.5	10.4	10.1	13.2	15.9	15.4	15.1	18.5	18.2	17.1	20.9	25.8	27.5	27.2	25.9	24.5	22.8	21.0	19.8	18.8	16.5	14.6	12.5	10.8	10.0	9.3	8.4	8.4	8.0	7.7
Mulberry	Mulberry	18	1.3	1.3	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.3	3.0	2.3	2.0	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.1	1.1	1.1
Danville	Petit Jean	20	3.0	8.5	13.2	9.8	5.8	4.5	4.0	3.9	3.5	3.7	12.6	16.2	12.2	7.6	5.6	4.8	4.4	4.0	3.8	3.5	3.4	3.4	3.3	3.2	3.2	3.3	3.2	3.2	3.1	3.0
Ozark	Arkansas	22	6.2	6.0	6.2	7.7	10.4	10.7	10.5	12.5	13.0	13.1	13.5	19.0	21.6	22.2	21.0	19.6	18.0	16.0	14.8	14.0	12.4	10.8	9.0	7.0	6.0	5.1	4.5	4.1	4.1	3.8
Dardanelle	do	22	9.2	9.7	9.1	8.9	11.0	13.2	12.9	12.7	15.7	15.6	15.3	19.2	22.3	24.0	23.7	22.6	21.3	19.8	18.2	17.1	16.3	14.5	12.7	11.0	9.5	8.6	8.1	7.3	7.0	6.9
Morrilton	do	20	5.9	6.4	6.4	6.3	6.1	10.2	10.6	10.3	11.9	13.7	13.2	15.0	19.0	20.5	20.8	20.1	19.0	17.9	16.3	15.0	14.1	12.5	10.4	8.6	6.6	5.2	4.4	3.6	3.2	2.8
Little Rock	do	23	7.4	7.4	7.6	7.4	7.1	8.0	10.3	10.4	10.1	12.6	13.3	13.0	16.8	19.2	20.3	20.2	19.5	18.6	17.5	16.2	14.5	13.5	11.9	10.2	8.6	7.2	6.3	5.7	5.1	4.8
Pine Bluff	do	25	12.5	11.0	11.0	11.5	11.2	10.9	12.8	14.2	14.0	13.6	16.9	17.1	18.4	21.8	23.4	23.7	23.6	22.5	21.5	20.2	19.1	18.0	16.8	15.2	13.6	12.0	10.8	10.0	9.5	8.9
Gilbert	Buffalo	30	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	5.3	4.6	4.1	3.9	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0
Doniphan, Mo.	Current	10	2.7	2.7	2.7	2.8	2.7	2.6	2.6	2.5	2.6	2.7	2.8	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Black Rock	Black	14	1.8	1.8	1.9	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.7	1.8	1.8	1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.5	1.5	1.4	1.3	1.3	1.3	1.4	1.3	1.3
Heber Springs	Little Red	30	2.8	3.2	3.8	4.3	3.7	3.5	3.3	3.1	3.2	3.5	6.9	6.7	5.5	4.8	4.4	4.1	3.9	3.6	3.5	3.3	3.2	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.5
OzarkBeachMo	White	30	-0.6	-0.6	1.1	-0.6	-0.6	0.6	-0.6	-0.6	-0.6	0.2	4.5	4.6	4.6	4.6	2.6	0.8	1.5	1.4	-0.6	-0.6	-0.4	0.2	0.2	2.0	0.2	-0.6	-0.6	0.1	-0.6	-0.4
Cotter	do	21	2.4	2.4	2.0	2.0	3.0	2.8	2.1	2.2	2.0	2.0	3.1	5.1	5.1	5.1	5.0	4.6	3.1	3.6	3.4	3.2	2.0	1.9	1.9	1.9	2.1	2.3	2.2	2.1	2.1	2.1
Calico Rock	do	18	1.9	1.3	1.2	1.5	1.5	1.9	1.8	1.6	1.9	1.2	1.6	3.2	4.6	4.4	4.2	3.9	2.0	2.3	2.4	2.2	1.9	1.3	1.4	1.3	1.3	1.5	1.5	1.6	1.6	1.6
Batesville	do	23	5.7	5.7	5.3	5.1	5.5	5.5	5.8	5.7	5.4	5.9	5.6	5.7	8.3	8.7	8.7	8.4	7.7	6.8	6.2	6.4	6.1	5.8	5.3	5.3	5.2	5.0	5.2	5.4	5.4	5.4
Newport	do	26	1.2	1.3	1.3	1.0	1.0	1.1	1.1	1.2	1.1	1.2	1.1	1.0	1.4	3.2	3.6	3.6	3.5	2.9	2.0	1.7	1.6	1.3	1.0	0.7	0.5	0.4	0.3	0.3	0.4	0.4
Georgetown	do	21	2.6	2.5	2.5	2.5	2.3	2.2	2.2	2.1	2.1	2.1	2.4	2.5	3.0	3.1	3.7	4.4	4.8	4.8	4.5	3.8	3.2	2.9	2.6	2.2	1.8	1.5	1.2	1.0	0.8	0.6
Des Arc	do	24	5.3	5.2	5.4	5.3	5.3	5.3	5.3	5.3	5.0	4.8	5.2	5.6	5.9	6.1	6.1	6.7	7.1	7.3	7.3	6.8	6.3	5.7	5.4	5.1	4.7	4.4	4.0	3.7	3.6	3.5
Clarendon	do	26	10.3	10.1	9.9	9.9	9.9	9.9	9.9	9.9	9.7	9.5	9.5	9.8	10.0	10.2	10.4	10.5	10.9	11.4	11.6	11.6	11.4	10.9	10.4	10.1	9.7	9.3	9.0	8.7	8.4	8.2
St. Charles	do	25	10.9	10.6	10.4	10.2	10.1	10.1	10.2	10.1	10.0	9.9	9.8	9.8	10.1	10.3	10.8	11.0	11.7	12.4	13.0	13.4	13.4	13.2	12.7	12.2	11.6	11.0	10.5	9.9	9.5	9.1
Glenwood	Caddo	..	5.3	7.7	6.1	5.7	5.6	5.5	5.4	5.4	5.4	5.8	7.2	6.3	6.0	5.8	5.7	5.6	5.6	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.4	5.6	5.4
Arkadelphia	Ouachita	17	4.2	4.3	8.2	6.0	5.2	5.7	5.2	5.9	4.9	...	....	....	9.6	9.1	7.0	6.4	6.9	6.3	4.6	4.4	4.3	4.4	4.9	4.9	5.0	5.0	4.9	....	....	....
Boughton	Little Mo.	20	4.1	4.2	11.4	14.0	13.1	9.0	6.9	6.2	5.8	5.8	6.1	12.1	13.8	11.6	8.0	7.0	6.5	6.0	5.6	5.3	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.3	5.1	5.4
Camden	Ouachita	26	4.6	4.8	4.8	6.8	9.9	10.2	10.6	10.0	7.8	7.0	6.0	6.7	10.7	14.4	14.8	14.1	11.3	9.0	8.5	8.1	5.6	5.0	4.9	4.9	4.8	4.9	5.0	5.0	5.1	5.0
Benton	Saline	20	4.2	11.6	12.4	8.2	7.0	6.4	6.1	5.8	5.6	5.4	6.6	8.2	7.3	6.7	6.3	5.9	5.6	5.4	5.2	5.0	4.8	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.1	4.0
Whitecliffs	Little River	25	6.0	5.0	8.4	15.9	18.2	18.4	16.7	14.0	12.5	10.5	13.8	19.6	22.8	23.8	23.4	23.2	22.5	21.6	20.9	20.2	19.6	19.2	18.8	17.6	15.6	14.5	12.6	9.0	7.1	6.1
Index	Red	25	14.6	14.4	15.1	16.4	17.2	19.7	18.6	17.4	16.8	19.0	21.5	23.7	24.8	26.2	27.2	28.2	27.6	25.3	24.5	24.6	24.7	22.0	18.8	17.3	16.5	15.8	15.2	15.0	14.4	13.9
Fulton	do	25	14.2	13.3	13.8	16.0	17.4	20.2	20.5	17.9	17.9	18.4	20.8	23.1	24.9	26.4	27.9	28.9	29.6	28.9	28.1	27.9	27.8	26.5	23.8	21.6	19.9	18.4	16.8	15.5	14.2	13.2
Big Lake Outlet	St. Francis	10	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9
St. Francis	do	18	4.1	4.0	4.2	3.9	3.7	3.6	3.5	3.5	3.6	3.8	3.6	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.5	3.5	3.4	3.4	3.5	3.6	3.6	3.4	3.4	3.3	3.3	3.2
St. Francis L.L.	do	..	15.6	15.6	16.5	16.6	16.6	16.4	16.2	16.1	16.1	16.0	15.6	15.8	15.5	15.4	15.3	16.7	16.5	16.0	15.5	16.9	17.3	16.7	16.2	16.2	15.6	15.0	14.3	14.3	14.6	14.6
Marked Tree	do	17	3.6	3.6	3.0	3.4	3.4	3.4	3.3	3.3	3.2	3.3	3.2	3.2	3.1	3.0	2.9	0.9	2.9	3.2	3.1	0.9	0.5	3.3	3.3	3.3	3.1	2.9	2.8	2.4	2.5	2.4
Parkin	do	28	3.3	3.3	3.3	2.9	3.0	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.7	2.4	2.1	2.8	2.8	2.7	2.0	1.4	2.1	2.8	2.8	2.9	2.7	2.7	2.4	2.2
Madison	do	32	1.5	1.5	1.4	1.3	1.1	1.1	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.1	1.8	3.2	4.4	4.9	4.7	4.3	3.7	3.5	3.5	3.2	2.8	2.7	1.9	0.7
Helena	Mississippi	42	5.4	5.3	5.1	4.9	5.1	5.6	6.6	7.9	9.5	11.0	12.5	13.9	15.0	16.1	18.0	20.2	22.4	24.2	25.3	25.7	25.4	25.0	24.5	24.2	23.9	23.5	22.8	21.8	20.4	18.1
Arkansas City	do	42	6.1	5.8	5.2	4.6	4.4	4.4	4.5	5.0	6.7	8.2	9.6	11.4	12.9	14.3	16.6	18.5	20.1	21.8	22.9	23.7	23.7	23.2	22.7	22.2	21.6	21.0	20.3	19.4	18.5	17.3

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a,b,c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Bethesda, Batesville; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVI Little Rock, Ark., July, 1941 No. 7

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Vashington, D. C.

W. E. EDMISTON
1866-1941

W. E. Edmiston, who has been our Cotton Region Observer at Portland for twenty-two years, was killed in a grade crossing accident August 17, 1941. Mr. Edmiston was born at Sidney, Ohio, December 18, 1866. He served as our Cooperative Observer from October 1, 1919 to August 17, 1941.

GENERAL SUMMARY

July, 1941, was slightly warmer than normal but almost three degrees warmer than the corresponding month of last year. The mean temperature for the State, determined from the records of 77 stations, was 81.2°, which is 0.7° above the 51-year average. Of the 52 stations for which normal temperatures have been computed, 14 had negative departures. Monthly mean temperatures ranged from 83.6° at Dumas to 76.3° at Turnpike. Nine stations, all in the mountainous western half of the State, had monthly means below 80°. The highest temperature reported from an individual station was 105° at Corning, on the 2d, and the lowest was 53° at Fayetteville Experiment Station, Irons Fork and Lead Hill on the 5th and 6th. Although most stations experienced their highest temperatures between the 5th and 7th, the first half of the month was slightly cooler than normal, while the second half averaged somewhat above normal. Sunshine was slightly above normal, averaging 71% of the possible amount.

Precipitation was heavier than the five previous Julys, for the State as a whole, and was the second wettest month of the current year. The average precipitation for 107 stations was 4.82 inches, which is 1.00 inch above the 51-year average. Amounts varied considerably over the State, 26 stations recording over six inches and eight stations measuring less than two inches. The largest amount reported from an individual station was 9.23 inches at Pine Bluff, the least was 0.80 inch at Rogers. The greatest rainfall in 24 hours was 4.18 inches at DeQueen on the 14th. Some stations in the northeast section, where the drought had become critical, received one or two good showers during the month but much more rain is needed. Generally, rainfall was the lightest in the northwest and heaviest in the southwest. There were nine days with rain for the State as a whole, compared to a normal of seven.

A severe electrical storm on the night of July 18-19 caused some damage to telephone and power lines at Stuttgart. A number of poles and transformers were damaged, interrupting service for several hours. On the same night, high winds and lightning caused about $25,000 damage at Jonesboro. Two homes and several other buildings were severely damaged by lightning and high winds. One person was injured by lightning. Four people were killed by lightning during the month; two men near Greenhill, Drew County, on the 16th; a man near Pleasant Grove, Stone County, on the 18th, and a man near Pocahontas on the 18th.

Early planted cotton began blooming early in the month but the crop was delayed at times in the northeasternsections by hot, dry weather. Boll weevils were active in the central and southwestern counties. Corn made good progress, except in the drought stricken Northeast, where much of the crop was ruined for grain and was being pulled for fodder. Where moisture was sufficient, the early corn crop was practically made by the end of the month. An unusually large peach crop was being harvested as the month ended. Late truck and gardens were being planted at the close of the month. Rice made good progress although considerable pumping was necessary at times.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville.	29.94	30.11	4	29.60	18	5.4	22	nw.	18	..	..	..	79
Fort Smith..	29.92	30.06	20	29.69	10	5.6	24	w.	2	84	51	52	80
Little Rock..	29.96	30.10	20	29.75	10	6.3	85	w.	30	91	62	69	72
Memphis	29.94	30.11	21	29.74	10	5.6	24	w.	18	88	58	63	58

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	..	1	1	1	1	..	..	..	..	..	1	1	1	..	1	..	1	..	..	..	..	1	..	..	1	..	..	..	..	..	..
Light hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	1	..	..	..	..	..	..	..	..
Moderate hail .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm .	10	14	13	1	..	..	8	7	7	4	24	4	10	8	10	9	1	30	18	3	9	7	17	17	15	10	16	12	9	16	8

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79 6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2 32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3.34	0	7	19	8	4
1940	78.4	103	48	4.14	0	8	13	9	9
1941	81.2	105	53	4.82	0	9	13	12	6
Period	80.5	116	40	3.82	0	7	15	11	5

Correction:--June, 1941; page 33, Fort Smith precipitation on 1st 1.90,on 2d, 0.46 in.

Climatological Data for July, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	4	80.4	......	97	5§	62	5	35	5.16	......	1.84	0.0	10	5	19	7	e.	L. R. Water Works
Arkadelphia	Clark	200	45	81.6	......	99	9	64	7	30	4.94	+1.25	1.13	0.0	11	17	11	3	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	5.49	+1.85	1.93	0.0	11	12	11	8	......	George W. Reitzammer
Batesville Airway	Independence	363	4	81.2	+ 1.4	103	1§	62	5	32	8.88	......	4.05	0.0	12	0	18	13	sw.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	7.88	+4.06	3.68	0.0	13	18	8	5	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	80.6	0.0	100	8	58	5	36	4.33	+0.92	1.60	0.0	9	9	14	8	w.	Minnie Scanlan
Benton	Saline	285	5	80.8	......	100	2	61	7	34	4.16	......	1.50	0.0	13	14	13	4	sw.	S. A. Burks
Bentonville	Benton	1295	35	79.6	+ 2.2	99	29	55	5	30	1.32	−3.02	0.51	0.0	6	14	11	6	sw.	U. S. Weather Bureau
Bethesda.........†	Independence	500	1	80.2	......	101	2	61	20	31	7.75	......	2.87	0.0	6	7	21	3	sw.	Soil Conservation Ser.
Big Lake Outlet ..†	Mississippi	239	10	......	......	......	......	......	......	......	2.88	......	1.12	0.0	9	20	5	6	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	3.42	−0 32	0.97	0 0	10	24	3	4	......	Vernon C. Howe
Blytheville	Mississippi	252	15	82.3	+ 0.3	101	10	65	17	29	3.21	−0.01	2.03	0.0	7	17	10	4	s.	Maureen K. Norris
Booneville (near)	Logan	465	26	80.9	− 1.1	101	10§	57	5	36	4.24	+0.69	1.16	0.0	11	9	16	6	s.	F. H. Randolph
Boughton ....†	Clark	235	5	......	......	......	......	......	......	......	5.90	......	2.16	0.0	8	19	6	6	......	Ruby A. Buie
Brinkley	Monroe	205	49	81.4	+ 0.3	99	1	64	7	30	3.35	− 0.93	1.10	0.0	13	7	15	9	se.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	7.87	+4 93	3.00	0.0	10	11	4	16	......	William Jones
Camden	Ouachita	116	55	82.4	+ 1.2	101	9	65	6§	32	7.71	+3.70	2.31	0.0	13	15	7	9	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	6.55	+2.96	1.49	0.0	12	12	8	11	sw.	R. M. Wheatley
Clinton...........†	Van Buren	516	19	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Doyle G. Love
Clover Bend	Lawrence	235	..	80.3	......	103	2	60	5	38	4.41	......	1.13	0.0	10	7	21	3	s.	Farm Security Adm.
Conway	Faulkner	309	57	82.6	+ 0.6	102	2§	61	5	37	4.34	+0.80	1.31	0.0	8	14	15	2	s.	E. E. Cordrey
Corning	Clay	293	47	82.0	+ 2.2	105	2	62	5	33	5.97	+2.57	2.48	0.0	7	17	10	4	sw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	4.81	+1.71	1.19	0.0	7	16	12	3	......	O. B. McSpadden
Crossett(near)	Ashley	175	28	80.2	− 2.2	98	9	63	13	30	7.45	+3.00	1.67	0.0	13	9	9	13	s.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	3.42	−0.04	1.06	0.0	11	6	20	5	......	J. M. Patterson
Dardanelle	Yell	330	54	83.1	+ 1.1	100	24	61	5	30	4.80	+1 71	1.48	0.0	8	4	20	7	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	81.0	......	96	9§	62	6	30	7.28	......	4.18	0.0	12	8	20	3	sw.	W. A. Douthit
Des Arc	Prairie	204	2	81.4	......	98	1§	64	6	28	7.16	......	1.65	0.0	10	8	8	15	......	Z. R. Glenn
Devils Knob.....†	Johnson	2350	4	77.6	......	93	8	61	5	24	4.05	......	1.91	0.0	8	18	9	4	sw.	U. S. Forest Service
Dumas	Desha	162	35	83.6	+ 1.3	104	1	61	19	33	6.90	+2 29	3.16	0.0	13	2	23	6	s.	Ben Johnson
El Dorado	Union	270	40	82.8	+ 0.4	99	9	66	5	27	8.35	+4.31	2.37	0.0	12	13	11	7	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	82.0	+ 0.4	100	1§	64	7	32	3.79	+0.50	1.15	0.0	10	10	18	3	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	81.3	+ 2.7	100	8§	54	5	33	1.25	−3.05	0.40	0.0	9	22	8	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	80.3	......	100	18	55	5	32	2.58	......	1.18	0.0	9	4	17	10	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	80.8	+ 2.4	100	18§	53	5	34	2.19	−1.72	1.77	0.0	10	12	17	2	sw.	University of Arkansas
Fort Smith	Sebastian	448	59	83.4	+ 1.9	100	9	63	5	26	3.72	+0.35	1.02	0.0	10	14	10	7	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	3	......	......	......	......	......	......	......	3.74	......	1.88	0.0	5	10	16	5	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	4.79	+1.04	2.22	0.0	9	21	1	9	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	5.32	+1.96	1.55	0.0	8	22	4	5	......	C. G. Long
Gilbert	Searcy	600	15	80.0	......	100	1§	55	6	39	2.51	−0.98	0 75	0.0	8	20	4	7	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	3.97	......	0.76	0.0	11	21	2	8	......	Chas. A. Price
Grannis	Polk	950	21	78.8	− 0.6	97	8§	58	5§	34	6.63	+0.38	2.37	0.0	8	8	18	5	sw.	W. E. McVay
Gravette	Benton	1250	43	81.1	+ 3.3	102	29	54	5	38	1.00	−3.17	0.39	0.0	7	18	10	3	sw.	Julius A. Schmidt
Green Mountain..†	Stone	1100	3	79 8	......	96	2	61	5	27	5.39	......	1.82	0 0	9	15	11	5	......	U. S. Forest Service
Harrison	Boone	1052	40	82.2	+ 4.8	103	18§	56	5	37	2.53	−1.58	0.78	0.0	9	18	11	2	ne.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	7.77	......	1.65	0.0	13	14	14	3	......	Lester B. Logan
Helena	Phillips	300	68	80.0	− 1.6	97	2	65	7	25	4.81	+1.11	1.66	0.0	7	12	7	12	sw.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	2.20	−1.25	1.00	0.0	6	11	18	2	s.	Otto Murphree
Highland	Pike	491	21	82.4	− 0.8	96	8§	65	5	24	3.01	−0.85	0.95	0.0	7	7	23	1	s	J. O. Cooley
Hope (near).....‡‡	Hempstead	375	70	81.9	+ 0.1	99	9	64	5	30	5.23	+0.87	1.27	0.0	7	16	11	4	sw.	Experiment Farm
Hot Springs	Garland	600	49	82.4	+ 0.6	100	8§	64	5	30	5.14	+0.54	1.21	0.0	11	14	11	6	s.	National Park Service
Index............†	Little River	275	23	......	......	......	......	......	......	......	5.32	+1.98	2.25	0.0	8	21	1	9	......	W. E. McDowell
Irons Fork .....†‡‡	Polk	1385	2	77.1	......	98	9	53	6	35	3.78	......	1.01	0.0	13	12	15	4	s.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	4.96	+1.52	1.54	0.0	12	3	23	5	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	82.0	+ 1.4	101	2	64	5	29	4.81	+1.52	1.66	0.0	12	4	16	11	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	81.0	+ 0.8	103	18	53	5	39	3.38	−0.07	2.36	0.0	7	16	13	2	s.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	81.4	+ 0.5	97	8	68	5	25	5.97	+2.47	1.68	0.0	9	7	15	9	sw.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	81.8	......	98	1§	67	5§	28	5.24	......	0.98	0.0	11	7	15	9	sw.	W. B. Airport Station
Lutherville.......†	Johnson	775	42	79.8	− 0.3	96	9	59	5	28	6.79	+3.04	1.62	0.0	10	15	11	5	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	3.97	−1.75	2.50	0.0	6	4	1	26	......	J. W. Eppes
Magnolia	Columbia	315	24	83.2	+ 0 6	99	31	65	5	28	3.28	−0.08	1.64	0.0	8	0	28	3	sw.	State Agri. School
Mammoth Spring	Fulton	600	36	81.2	+ 2.6	103	1§	58	5	34	5.64	+1.82	2.34	0.0	7	13	16	2	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	80 4	− 0.8	96	1§	64	7	28	6.92	+3.45	2.15	0.0	9	4	21	6	sw.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	81.8	+ 0.7	103	2	61	24	34	2.91	−0.59	1.42	0.0	7	20	9	2	s.	Charles Walton
Mena	Polk	1207	52	81.0	+ 0.8	99	8	60	5	33	5.68	+1.88	1.80	0.0	10	18	6	7	sw	E. W. St. John
Monticello Airway	Drew	273	4	81.8	......	100	1§	65	5	29	6.26	......	1.98	0.0	12	6	13	12	sw.	Airway Observer
Morrilton ....†	Conway	315	21	81.8	− 1.1	100	2	58	5	37	2.32	−0.38	1.12	0.0	7	4	20	7	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	4.40	......	2.79	0.0	5	23	3	5	sw.	C. A. Lovell
Mountain Home .†	Baxter	800	28	81.1	+ 1.9	100	1§	58	6	36	2.52	−1.32	1.75	0.0	4	13	12	6	w.	H. N. Halbert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	3.41	......	0.74	0.0	12	16	6	9	s.	J. G. Scott
Mount Ida	Montgomery	702	41	80.2	+ 0.2	100	8§	56	6	39	7.02	+4.19	1.72	0.0	14	9	15	7	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	4.99	......	1.78	0.0	11	5	21	5	sw.	U. S. Forest Service
Mulberry(near)..†	Franklin	433	2	......	......	......	......	......	......	......	2.91	......	1.32	0.0	7	20	6	5	......	Clifton Ward
Nashville	Howard	350	2	81.7	......	96	8§	66	5§	26	4.99	......	1.45	0.0	9	19	11	1	w.	H. B. Carruth
Newport	Jackson	231	57	81.7	+ 0.4	101	2	65	5	33	7.92	+4.83	1.89	0.0	11	9	17	5	n.	J. D. Henderson
Oden	Montgomery	800	13	81.3	......	96	8	58	6	32	4.82	+1.51	1.38	0.0	7	5	20	6	s.	U. S. Forest Service
Okay	Howard	288	12	82.6	− 0.3	98	8§	64	5§	30	4.30	+0.31	2.06	0.0	6	13	13	5	sw.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	1.90	......	0.79	0.0	5	8	21	2	......	G. H. Banks
Ozark	Franklin	396	45	79.8	− 2.3	100	18§	55	5	37	2.80	−0.39	1.26	0.0	8	14	11	6	se.	Orkney O. Milton
Paragould	Greene	275	17	80.8	......	102	2	65	19§	28	4.32	+1.24	1.89	0.0	8	20	8	3	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	6.17	+2 41	2.15	0.0	7	14	5	12	......	Carroll King
Perryville	Perry	325	20	82.2	+ 2.4	101	9§	61	5	32	1.93	−2.32	1.14	0.0	7	7	21	3	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	81.4	− 1.0	96	1§	69	5§	26	9.23	+5.67	2.24	0.0	13	4	18	9	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	8.23	+4.60	3.45	0.0	9	5	20	6	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	82.0	+ 1.6	102	2§	62	5	33	2.85	−1.26	1.26	0.0	7	18	5	8	sw	Benedictine Sisters
Portland	Ashley	122	34	81.6	− 0.2	97	1	67	5	25	4.70	+0.60	1.00	0.0	13	7	11	13	sw.	W. E. Edmiston
Prescott	Nevada	318	52	83.0	+ 0.9	100	9	65	5	29	6.00	+2.01	2.56	0.0	10	18	9	4	w.	W. R. Hambright
Rogers	Benton	1300	50	80.8	+ 3.2	102	18§	55	5	35	0.80	−3.64	0.30	0.0	5	14	12	5	sw.	Howard Fowler
Rosebud	Faulkner	680	6	......	......	......	......	......	......	......	4.39	......	1.38	0.0	8	13	14	4	e.	G. A. Maddox
Russellville ....‡‡	Pope	526	28	82.3	+ 1.1	100	29§	62	6	34	4.00	−0.27	0.85	0.0	10	22	4	5	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	81.6	......	98	31	66	5	28	7.46	......	2.50	0.0	11	12	12	7	s.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	4.64	+0.32	1.47	0.0	6	21	1	9	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	81.5	+ 0.5	99	2§	63	7	33	4.98	+2.07	1.80	0.0	9	16	8	7	ne.	Walter A. Smith
Springbank ....†	Miller	240	31	......	......	......	......	......	......	......	2.80	−1.40	0.94	0.0	11	20	1	10	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	5.07	+1.47	2.58	0.0	5	20	9	2	s.	S. C. Story
Stuttgart	Arkansas	214	53	82.1	+ 0.9	100	10	66	5	31	5.61	+2.17	1.15	0.0	12	15	13	3	w.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	5	81.3	......	97	8	66	5	27	5.74	......	1.35	0.0	8	......	......	......	......	Rice Experiment Sta
Subiaco	Logan	750	43	81.8	− 0.2	102	9	59	5	32	7.07	+3.70	2.73	0.0	9	16	8	7	e.	New Subiaco Abbey
Texarkana	Miller	332	56	81.6	− 0.9	99	9	63	7	32	6.49	+2.33	3.25	0.0	7	17	8	6	s	H. S. Brashear

Climatological Data for July, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike.........†	Pope	2240	16	76.3	......	91	8	60	5	24	5.49	+1.76	2.43	0.0	10	13	13	5	sw.	U. S. Forest Service
Wabash	Phillips	179	1	82.4[b]	......	98[b]	1§	62[b]	7	32[b]	6.73	......	2.71	0.0	11	5	13	13	s.	Farm Security Adm.
Waldron	Scott	675	21	80.8[d]	......	101[f]	8§	56[b]	7	40[f]	1.83	−1.85	0.55	0.0	10	3	23	3	sw.	Wilson Ferguson
Warren	Bradley	206	46	82.7	+ 0.3	99	1§	67	4	26	7.17	+3.40	1.90	0.0	15	1	6	24	sw.	C. N. Turner
Whitecliffs	Little River	290	34	....	.....	......	......	......	......	......	2.82	−0.23	0.75	0.0	5	23[a]	1[a]	6[a]	......	L. M. Snead
White Rock ......†	Franklin	2285	4	77.6	......	92	8	61	4§	24	4.01	......	1.29	0.0	7	20	7	4	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	81.8	+ 1.0	102	10	60	4	30	1.82	−2.20	1.30	0.0	4	20	3	8	s.	D. O. Anderson
Wright	Jefferson	234	1	81.4	.....	100	2	66	5§	28	6.12	......	1.65	0.0	9	9	17	5	sw.	Farm Security Adm.
Wynne	Cross	167	32	81.2	+ 0.1	99	2§	64	5	29	5.35	+1.63	2.25	0.0	8	12	5	14	s.	B. M. Eddins
State Means		..	..	81.2	+ 0.7	105	2	53	5§	29	4.82	+1.00	4.18	0.0	9	13	12	6	sw.	

Daily Precipitation for July, 1941

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita			.20								.30	.34	1.84	.03	1.54				.65		.18			.07	.01		T				T.	5.16
Arkadelphia [2]	Ouachita			.60	.41								.33	1.13	.28	.09	.17	.09		.75			.16				.93						4.94
Arkansas City [2]	Mississippi			1.93	.03					T.			.37	.13	1.74	.16	.32	T.		.23		.09		.35						.14			5.49
Batesville Air'y [1]†	White			4.05	T.			.19				.73	01	.38					1.96				.07	.16	.71				.10	.38	.14		8.88
Batesville River [2]	White			.25	3.68				.09				.80	.11	.16					1.62				.15	.05	.55				.09	.03	.30	7.88
Bee Branch	Arkansas			.15	.05				.65			.08	.05	1.60	.30					.45		1.00				T.							4.33
Benton [2]	Saline			.24	.07								1.50	.27	.12	.11	.51			.41			.15				.16			.26	.16	.20	4.16
Bentonville [1]‡	Arkansas	.01	.26	T.							.51			.33					.14					T.							.07		1.32
Bethesda ***	White				1.47			.70				1.15		.14						2.87					1.42								7.75
Big Lake Outlet [2]	St. Francis			T.	T.				T.	.06		.10	.26	.54	.20					.22									.12		1.12	.26	2.88
Black Rock [2]	White				.36				.44	.05			.03	.10	.19					.97						.30			T.	.03	.95		3.42
Blytheville [2]	St Francis			.03					.21			.57	.01		2.03					33								.03		T	T.	T.	3.21
Booneville	Arkansas	1.16	.03									.54	.48	.08	.01		.24			.63								.48	.24		.35		4.24
Boughton [2]	Ouachita				.52								1.23	2.16			.22			.54			1.10		.10		.03						5.90
Brinkley	White		.03	.51	.07							1.10	.09	.15	T.	01			.09	.98						.06			.10	.01	.15		3.35
Calico Rock [2]	White			.04	33				.97	T.			1.63	.10	.15	.16				3.00						1.40				.09		T	7.87
Camden [2]	Ouachita			.15	.24						1.29		.26	2.31	.68	.02	.46			.90			.01			.79	.01			.59			7.71
Clarendon [2]	White			.03	.98								1.44	.20	.30	.35	1.49	.03		.80							.60		T.	T.	.12	.21	6.55
Clinton	White																																....
Clover Bend	White			.36				.35				.22	.23	.55						.36					.20	.22		T.	.79	1.13			4.41
Conway	Arkansas				.19				.29			.57	.11	1.31						1.14					.39				.34				4.34
Corning [2]	White			1.24	2.48								.72	.14						.96						.07						.36	5.97
Cotter [2]	White			T					.95			.98			T.					1.06			.40		.13	1.19						.10	4.81
Crossett [near]	Ouachita		1.67								.22	.24	.05	1.21	.78		.82	.15		.26		.47	1.07	.26					.25				7.45
Danville [2]	Arkansas		1.06	.04						.05			.22	.98	.06	.03	.18			.04							.74			.02		T.	3.42
Dardanelle [2]	Arkansas		.89	T.						T.			.17	1.15	.04	.02	.23			1.48							.82						4.80
De Queen	Red			.75	.13							.47	.77	.18	4.18	.19				.07						.15		.30	.06			.03	7.28
Des Arc [2]	White			1.65	.74					T.			1.57	.13	.09	.04				.90						1 09				.21	.74	T.	7.16
Devils Knob	Arkansas			.27						.28		.14		1.91	.02	.18				.20						1.05							4.05
Dumas	Mississippi		1.12	T.	.05				.05			.12	.05	3.16	.31	.94	.25			.55	.03	T.	T.	T		.13		.14					6.90
El Dorado [2]	Ouachita			.53	.50								.33	1.96	2.37	.25			.77	.30				1.20		.02		.07	.05				8.35
England	Arkansas		.15		T							.60	.30	.20		.70				.40		1.15			25	.14		.10	T.				3.79
Eureka Springs	White	.03	.04	.25										.03					.15	.03						.40					.18	.14	1.25
Fayetteville	White	.53	.09		T.							.03	.09	.19					T.	T				.41	.04	1.18		T.				.02	2.58
Fayetteville Exp. S	White	.02		.01								.03	.05	.11	T.		T.		T.	T.					.11	1.77		.04	.02		T	.03	2.19
Fort Smith [1]‡	Arkansas	1.02	.51	T.								.81	.03	.68	T.				T.		.06	T.	T.		.26	.28		T.			.01	.03	3.72
Fort Smith W. [2]	Arkansas		.23	.06							.16	1.88	1.41		T.		T.										T.	T					3.74
Fulton [2]	Red			.38	.40							T.	.15	2.22	08		.76	T.		.09						.49	.22			T.			4.79
Georgetown [2]	White			.90	1.55								.70	.30	.15			.25		1.27										.20			5.32
Gilbert [2]	White								.55				.75	.18	.10					.67			.08	.12								.06	2.51
Glenwood [2]	Ouachita				.11								.42	.59	.67	.24	.65			.76			.04			.16	.21					.12	3.97
Grannis	Red											.61	1.59	.19	2.37	.10				.22						.98					.77		6.63
Gravette	Arkansas		.11	.02										.04					.39							.28					.13	.03	1.00
Green Mountain	White			.16					1.82				.37	.21	.10					.90		.48				1.32				.03			5.39
Harrison	White			.58				.22	.78			T.		.14				T.	.53			.02	.16		T.	.01			T.			.09	2.53
Heber Springs [2]	White				.21				1.13				.11	.84	1.65					1.30			.10	.83		.23	.06			.04	1.11	.16	7.77
Helena [2]	Mississippi			.10	1.66								.78	.30	1.51		.03			.43									T.				4.81
Higden	White				.10							T.	.10	1.00					T.	.45		.30			T.						.25		2.20
Highland	Ouachita												.61	.25	.38	.33				.95						.44					.05		3.01
Hope [2]	Red												.19	1.27	.84	T.	.60			1.17			.11				1.05						5.23
Hot Springs	Ouachita			.08								1.21	1.20	.13	.83	.20				.66			.06		.52					.02		.23	5.14
Index [2]	Red												.20	1.92	.05	.25	.50	.10		.05							2.25						5.32
Irons Fork [2]	Ouachita		.20	.51	T.								.30	.21	.01		1.01	.06		.32				.23	.44	.27	.11					.11	3.78
Jessieville	Ouachita			.69								.75	.75	.10	.21	.02					.78		.06	.02				.03		T.	.01	1.54	4.96
Jonesboro [2]	White			.60	.07				.15				.28	.08	.26					1.66						.03		.01	1.45		.12	.10	4.81
Lead Hill	White			.51					T				.11	.02					2 36			.12		.19	T.	.07						T	3.38
Little Rock [1]‡	Arkansas		T	.77	T							1.30	.25	.68	T.	.11	T.		.69	.18		1.68			.01			T.	T.	T.	.30	T.	5.97
LittleRock Air'y [1]‡	Arkansas		.02	.98	T.				T.			.95	.27	.45	T	.05	.07		.60	.15		.82			T.			T.			.88		5.24
Lutherville	Arkansas	.67		.30						.34		.26	1.62	.84		.04	.03			1.48						1.21					T		6.79
Madison [2]	St. Francis			.22	.27								.24	T.	.67			.07		2.50									T				3.97
Magnolia	Red				.17							.21	1.64	.15						.20			.62		.07	.32							3.38
Mammoth Spg [2]	White			2.34	.80				.10	.54		T.	.27							.91						.68							5.64
Marianna	St. Francis		T.		1.40				.25				2.15	.70	.57	T.	.75		.15	.75								.20			T.		6.92
Marked Tree [2]	St. Francis			.55	.09								.39	T.	.06					1.42										.25		.15	2.91
Mena [2]	Ouachita		T	1.33	T.	T.							1.80	.40	.02	.05	.08			.19					.03		.39					1.39	5.68
Monticello Air [1]‡	Ouachita		.28	.01								.27	.21	1.98	.01	1.28	.10	T.	.34	.83			.88			T.		07					6.26
Morrilton [2]	Arkansas				.06				T	.26			.14	1.12		.24	T.	.14		.36													2.32
Mountainburg	Arkansas		.12									.42	2.79	1.06		.01										T.							4.40
Mountain Home	White							T.	.35					T				.10	1.75					T.	.32				T				2.52
Mountain Valley	Ouachita			.38	T.					.19		.12	.35	.37	.28	.03				.74				T.	.09	.02					.46	.38	3.41
Mount Ida	Ouachita	.48		.10								.08	.24	.40	.33	.69	.09			.92			1.72		.13					.10	1.60	.14	7.02
Mount Ida CCC	Ouachita	.03										.01	.25	.53	.35	1.29	.04						.69		.01	.01						1.78	4 99
Mulberry [2]	Arkansas		1.32	.03								.52	.61	.27	.14					.02													2.91
Nashville	Red			.04								1.38	1.45	.03	.19	.41	T.			1.28						.14					.07		4.99
Newport [2]	White	.05		1.11	1.68					.09			1.03	.04	.93					1.89					.01	.87						.22	7.92
Oden [1]	Ouachita		1.38									.21	.63	04			.02		1.37												1.17		4.82
Okay	Red			T.								.05		.90	.02	.84				2 06					T.	.43							4.30
Osceola [2]	Mississippi				.06				T.						.79					.20										.76		.09	1.90
Ozark [2]	Arkansas		T.	.14								1.26	.15	55	.20		T			.02							.23		T.	T.		.25	2.80

Daily Precipitation for July, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
		Day of Month																															
Paragould	St. Francis	....	....	1.89	....	....	....	.26	T.	....	....	.18	.20	1.21	.03	....	....	....	.51	.04	....	....	....	....	....	T.	....	....	....	....	....	....	4.32
Parkin[2]	St. Francis	....	....	1.67	.73	....	....	....	....	....	....	....	....	....	.93	....	....	....	....	2.15	....	....	....	....	....	....	....	....	.25	.07	....	.37	6.17
Perryville	Arkansas	....	....	.09	....	....	....	....	....	....	....	.04	.07	1.14	....	....	.03	....	.50	....	....	....	....	....	.06	....	....	....	....	....	....	....	1.93
Pine Bluff[2]	Arkansas	....	....	2.24	1.02	....	....	....	....	....	....	....	2.11	1.12	.09	.14	.04	.10	....	1.10	....	....	.49	....	....	....	.46	.29	T.	.03	....	....	9.23
Pine Ridge[2]	Ouachita	....	....	....	3.45	.02	....	....	....	....	....	....	.66	.18	.51	....	....	....	....	.30	....	....	....	.37	....	....	1.41	....	....	....	....	1.33	8.23
Pocahontas	White	....	....	.87	....	....	....	....	....	....	....	....	.17	....	....	....	....	....	.06	1.26	....	....	....	....	....	.11	....	....	.31	.07	....	....	2.85
Portland[2]	Ouachita	....	....	.75	....	.04	....	....	....	....	....	....	1.00	.20	.81	.02	.87	....	....	.10	....	....	.30	.24	....	....	....	.05	.08	.24	....	....	4.70
Prescott[2]	Ouachita	....	....	.07	.52	....	....	....	....	....	....	....	.26	2.56	.15	....	1.29	....	....	.52	....	....	.53	....	.01	....	.09	T.	....	....	....	T.	6.00
Rogers (near)	White	T.	....	.12	....	....	....	....	....	....	....	.30	....	.22	....	....	....	....	.03	....	....	....	....	.13	....	....	T.	....	....	....	....	....	0.80
Rosebud	Arkansas	....	....	.07	....	....	....	....	.47	....	....	1.38	.08	1.36	....	....	....	....	....	.80	....	....	....	....	.07	....	....	....	....	.16	....	....	4.39
Russellville	Arkansas	.02	....	....	....	....	....	....	....	.03	....	.12	.59	.78	T.	.25	.77	....	....	.85	....	.10	....	....	....	.49	....	....	....	....	....	....	4.00
St. Charles[2]	White	....	....	[illegible]	2.50	.66	....	....	.02	....	....	....	.85	2.00	.84	.01	....	....	....	.38	....	....	....	....	....	....	....	....	.04	.15	....	.01	7.46
St. Francis[2]	St. Francis	....	....	1.47	1.19	....	....	....	.26	.05	....	....	.77	.90	....	....	....	....	T.	T	....	....	....	....	....	....	....	....	....	....	....	....	4.64
Searcy[2]	White	....	....	.25	T.	....	....	....	.73	....	....	....	1.80	.71	.21	....	....	....	....	.73	....	....	.07	....	....	.15	....	....	....	....	.33	....	4.98
Spring Bank[2]	Red	....	....	....	T.	....	....	....	....	....	....	T.	.57	.94	.44	.03	.18	.15	....	.05	.05	.18	T	....	....	.15	.06	....	....	....	....	....	2.80
Story[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	2.58	....	....	.12	.12	....	....	....	....	....	....	.60	....	....	....	....	....	....	....	1.65	5.07
Stuttgart[2]	Arkansas	....	....	.05	.28	.04	....	....	....	....	....	....	.30	.32	1.15	....	.10	....	....	1.15	....	....	....	....	....	....	.45	....	.73	.92	.12	....	5.61
Stuttgart[2]	Arkansas	....	....	.08	1.11	....	....	....	....	....	....	....	1.35	.50	.96	....	....	....	....	.93	....	....	....	....	....	....	.49	....	.32	T.	....	....	5.74
Subiaco	Arkansas	.03	....	.68	....	....	....	....	....	....	....	1.84	.37	.48	.01	.36	....	....	....	.57	....	....	....	....	....	2.73	....	....	....	....	....	....	7.07
Texarkana[2]	Red	....	....	.15	....	....	....	....	....	....	....	....	1.28	1.35	....	.18	3.25	....	....	.23	....	....	....	....	....	....	.05	....	....	....	....	....	6.49
Turnpike	Arkansas	....	....	.10	....	....	....	....	.42	1.16	....	.04	.23	2.43	....	....	.12	....	.68	.08	....	....	....	....	....	.23	....	....	....	....	....	....	5.49
Wabash	Mississippi	....	.28	....	1.30	....	....	....	....	....	....	.70	.31	2.71	.05	....	.02	....	.14	.66	....	....	....	....	....	....	....	.52	.04	....	....	....	6.73
Waldron	Arkansas	....	.15	.09	....	....	....	....	....	....	....	.10	.15	...	.16	....	.21	....	....	....	....	....	....	.10	.13	.55	....	.19	....	....	....	....	1.83
Warren	Ouachita	....	.30	.65	....	....	....	....	....	.05	.01	.01	.70	1.90	.05	.50	....	....	....	.70	....	.25	.05	.35	....	T.	.95	....	.70	....	....	....	7.17
Whitecliffs[2]	Red	....	....	....	....	....	....	....	....	....	....	T	.32	1.10	T.	T.	.30	T.	....	.75	....	....	....	....	....	....	.35	....	....	....	....	....	2.82
White Rock	Arkansas	.37	T.	....	....	....	....	....	....	....	....	1.10	1.29	.51	.04	....	....	....	....	.02	....	....	....	....	....	.68	....	....	....	....	....	....	4.01
Wilson[2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	.25	1.30	....	....	....	....	.25	....	T	....	....	....	....	....	.02	....	....	....	....	1.82
Wright	Arkansas	....	.01	.65	1.65	....	....	....	....	....	....	1.24	1.18	.18	.20	.55	....	....	....	.46	....	....	....	....	....	....	....	....	....	....	....	....	6 12
Wynne[2]	St. Francis	....	.52	....	.45	....	....	....	....	....	....	....	.90	....	.32	....	....	....	....	2.25	....	....	....	....	....	....	....	T.	....	.12	.54	.25	5.35

Daily Temperatures for July, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	91	95	95	90	97	89	92	93	95	97	95	79	82	86	85	92	95	95	88	94	88	91	95	93	85	92	94	93	94	95	95	91.6
	Minimum	69	69	69	68	62	63	63	70	71	75	68	68	68	70	71	70	68	73	65	68	72	69	69	70	69	68	71	72	72	72	70	69.1
Arkadelphia §§	Maximum	97	97	91	85	88	91	94	98	99	97	91	76	84	87	90	93	95	95	90	94	96	95	97	95	93	93	95	91	96	97	98	92.8
	Minimum	71	73	70	70	65	65	64	70	73	72	73	72	72	72	72	69	68	70	67	71	72	72	72	70	70	70	72	71	74	73	72	70.5
Batesville ***	Maximum	103	103	90	85	88	92	97	98	96	98	91	79	81	88	91	94	92	92	88	92	93	96	95	97	91	94	96	96	96	97	96	93.1
	Minimum	71	72	70	68	62	63	66	69	73	73	68	68	70	70	72	71	66	66	66	67	67	68	71	70	67	70	72	72	72	73	73	69.2
Bee Branch	Maximum	99	98	97	85	90	93	99	100	97	98	92	82	80	88	92	94	94	95	94	95	95	90	55	96	90	93	96	94	95	97	97	93.5
	Minimum	68	68	69	67	58	60	63	65	69	68	71	67	68	67	70	70	66	70	66	66	69	67	69	69	65	67	69	70	70	73	72	67.6
Benton §§	Maximum	97	100	92	83	92	92	95	99	98	96	90	77	83	88	89	95	91	95	89	95	92	94	97	95	90	94	95	92	95	95	94	92.5
	Minimum	67	70	70	70	62	68	61	67	71	69	73	69	71	71	72	69	67	70	67	69	72	69	69	69	69	69	70	70	72	73	69	69.2
Bentonville ***	Maximum	92	89	79	79	84	89	93	96	96	96	87	85	77	85	89	93	95	98	87	93	95	97	98	96	89	95	95	95	99	98	95	91.4
	Minimum	70	68	65	61	55	59	65	70	70	68	66	67	68	69	69	68	66	68	62	65	72	74	73	72	69	66	70	73	75	72	68	67.8
Blytheville	Maximum	100	100	89	79	84	91	99	97	96	101	96	80	85	86	90	93	92	90	87	92	94	95	96	98	95	100	95	90	97	97	98	93.0
	Minimum	73	77	75	68	68	70	70	71	75	73	71	73	73	72	71	73	65	74	67	67	70	72	71	73	69	74	72	74	72	74	74	71.6
Booneville	Maximum	93	94	90	86	86	91	94	100	99	101	93	81	82	85	90	93	98	100	90	94	95	98	98	101	93	96	98	92	99	99	98	93.9
	Minimum	70	69	70	62	57	58	62	67	69	68	70	68	69	69	72	67	67	69	65	69	74	70	70	68	68	67	70	70	70	72	69	67.9
Brinkley	Maximum	99	98	91	78	87	90	94	98	97	98	95	81	78	87	92	94	95	95	88	92	93	95	94	96	91	95	95	88	96	97	96	92.4
	Minimum	69	74	72	69	65	66	64	70	73	72	70	68	71	72	72	72	68	73	67	69	71	70	70	73	71	69	73	71	70	74	72	70.3
Camden	Maximum	99	100	92	88	90	94	97	100	101	96	94	82	83	91	96	95	98	96	98	95	94	96	99	97	97	95	97	91	95	96	97	94.8
	Minimum	70	72	69	69	69	65	65	69	70	73	71	71	70	71	71	68	69	73	66	71	69	69	69	69	69	69	70	71	73	74	72	69.9
Clover Bend	Maximum	102	103	90	85	90	95	99	98	99	101	96	86	83	89	95	98	95	92	90	94	96	98	96	100	92	96	98	96	96	97	98	94.9
	Minimum	66	68	68	65	60	62	61	66	64	69	68	66	66	69	66	65	62	69	65	62	64	65	66	66	65	65	69	68	67	68	68	65.7
Conway	Maximum	101	102	92	84	85	93	100	99	99	97	91	78	86	86	93	95	99	100	92	97	89	96	100	100	91	95	98	94	99	96	102	94.5
	Minimum	71	72	72	71	61	64	63	69	70	72	74	70	70	71	73	71	69	71	68	71	73	71	72	73	71	70	73	73	74	74	71	70.6
Corning	Maximum	104	105	86	84	87	93	97	99	97	101	94	79	87	91	94	96	92	90	91	94	97	96	97	100	94	99	100	95	100	97	99	94.7
	Minimum	73	72	71	66	62	66	66	68	74	74	72	68	69	70	68	70	63	69	67	65	66	70	71	71	66	71	73	73	69	72	72	69.3
Crossett	Maximum	97	94	90	85	84	91	94	95	98	94	88	80	84	89	93	92	96	97	90	95	94	95	92	92	95	93	95	93	93	95	97	92.3
	Minimum	67	71	69	69	64	65	66	68	68	69	71	69	63	68	70	67	66	68	67	68	71	69	69	66	65	68	67	70	69	70	71	68.0
Dardanelle	Maximum	96	96	95	90	90	93	95	96	98	99	96	81	85	88	90	94	96	98	96	95	95	97	99	100	94	95	97	96	99	97	99	94.7
	Minimum	73	71	74	70	61	64	65	69	71	73	73	71	70	71	74	70	72	75	68	72	76	74	73	72	71	69	74	75	75	76	73	71.5
De Queen	Maximum	94	95	91	85	90	92	93	95	96	95	88	76	89	87	88	94	96	96	90	94	94	95	95	96	94	94	93	92	95	95	96	92.4
	Minimum	71	70	71	69	63	62	65	68	69	70	72	70	70	70	72	69	68	70	69	69	71	72	72	72	70	68	72	72	71	71	70	69.6
Devils Knob	Maximum	91	90	85	79	84	87	91	93	91	90	85	79	72	79	85	86	87	90	84	85	87	89	89	88	85	85	87	86	89	90	90	86.4
	Minimum	71	71	67	62	61	66	69	70	67	72	75	65	65	66	68	69	71	72	63	69	71	71	77	72	64	67	72	71	71	73	70	68.8
Dumas	Maximum	104	100	97	85	87	96	99	98	103	102	94	81	80	91	94	95	99	98	92	93	96	99	97	98	98	97	99	99	100	100	101	95.9
	Minimum	71	72	73	72	66	67	69	72	71	74	73	72	70	73	72	71	71	73	61	72	72	71	70	72	72	71	72	73	72	75	76	71.3
El Dorado	Maximum	98	98	91	91	85	92	94	97	99	96	92	82	83	90	90	94	95	94	94	95	92	93	96	95	95	96	94	95	95	96	96	93.3
	Minimum	76	72	71	71	66	67	67	73	75	75	74	72	71	71	74	72	73	73	71	73	73	74	72	73	72	72	73	72	74	75	75	72.3
England	Maximum	100	92	88	88	86	90	96	100	100	98	95	80	83	89	95	94	95	96	90	95	96	94	95	96	91	95	96	93	97	97	98	93.5
	Minimum	70	72	71	69	65	65	64	70	74	74	71	70	70	71	72	71	70	74	68	70	69	70	71	72	70	70	73	71	71	76	72	70.5
Eureka Springs	Maximum	97	92	83	83	87	91	96	100	98	97	90	86	79	89	94	99	98	100	93	95	97	99	99	98	88	94	100	97	100	90	96	93.7
	Minimum	73	68	68	61	54	60	68	72	70	75	68	67	67	68	70	68	67	70	63	67	73	74	76	72	68	67	72	75	76	71	68	68.9
Fayetteville	Maximum	92	86	84	84	86	91	96	97	98	96	91	86	78	85	91	96	96	100	91	96	96	98	99	92	86	92	94	93	96	96	94	92.1
	Minimum	72	67	67	61	55	59	64	72	71	72	68	68	68	68	70	68	65	75	68	68	73	73	71	70	68	64	71	72	74	74	69	68.5
Fayetteville Exp. S	Maximum	95	90	85	81	87	92	96	99	98	97	91	87	77	86	92	96	97	100	91	95	97	99	100	97	96	90	94	93	96	96	95	93.1
	Minimum	73	67	66	60	53	60	64	71	70	73	69	67	68	69	70	66	65	78	68	67	72	74	73	71	67	65	72	73	73	74	70	68.6
Fort Smith***	Maximum	94	92	86	86	88	91	94	97	100	100	86	83	82	87	90	94	98	100	95	96	97	98	99	99	89	96	94	96	99	97	96	93.5
	Minimum	75	71	72	69	63	65	68	74	75	77	70	71	72	73	75	73	73	77	72	75	78	76	76	74	73	71	76	74	76	80	74	73.2
Gilbert§§	Maximum	100	99	90	95	89	93	98	99	97	96	90	82	80	85	91	96	96	98	88	93	93	95	97	98	92	96	97	99	100	99	98	94.2
	Minimum	68	65	68	64	65	55	59	66	67	66	68	67	68	69	70	65	64	71	66	64	60	67	67	65	63	66	66	64	72	70	68	65.9
Grannis	Maximum	92	94	92	90	88	92	94	97	97	96	87	72	85	85	85	93	95	95	90	92	94	93	95	95	94	93	97	91	94	95	95	91.8
	Minimum	68	66	67	66	58	58	61	66	68	67	66	65	67	67	67	67	65	67	65	68	68	67	69	66	66	64	67	67	67	64	65	65.8
Gravette	Maximum	96	91	86	84	88	93	96	100	98	99	95	91	80	89	94	98	98	101	92	96	98	100	100	100	98	98	98	97	102	101	98	95.3
	Minimum	73	66	66	60	54	55	62	69	69	71	65	67	66	68	66	62	60	67	63	64	71	73	71	71	68	65	70	78	74	72	67	66.9
Green Mountain	Maximum	95	96	95	83	83	91	90	93	93	93	92	81	75	85	88	91	89	92	87	87	87	90	91	91	89	88	90	90	91	92	92	89.4
	Minimum	74	71	70	66	61	66	70	66	70	72	70	66	68	68	70	71	71	74	64	70	71	72	74	73	65	72	75	75	75	73	73	70.2
Harrison	Maximum	102	102	89	83	88	95	100	100	100	99	90	85	77	86	93	99	100	103	92	95	97	100	103	102	91	99	102	102	101	102	96	95.9
	Minimum	72	69	70	66	56	58	64	69	68	71	69	70	69	70	70	67	64	74	68	65	70	71	72	68	68	69	70	71	73	73	71	68.5
Helena	Maximum	94	97	89	78	83	87	90	92	92	94	91	81	80	85	89	91	93	92	85	90	92	91	91	94	90	93	93	89	92	94	93	89.8
	Minimum	71	74	71	69	68	68	65	69	70	73	71	69	70	71	70	70	70	73	66	69	69	69	69	71	70	68	72	70	70	75	74	70.1
Highland	Maximum	93	94	91	85	87	91	92	96	96	96	89	74	85	85	87	93	93	94	88	93	93	93	94	93	94	94	93	93	94	95	95	91.5
	Minimum	74	76	74	73	65	67	69	74	75	75	74	72	72	72	74	74	72	74	72	74	73	75	74	73	74	76	76	76	74	73	73	73.2
Hope §§	Maximum	96	98	94	84	88	93	95	98	99	97	87	83	86	89	89	94	96	95	94	96	96	96	96	95	95	95	95	92	95	96	96	93.5
	Minimum	72	71	71	70	64	64	65	70	71	74	72	70	68	70	71	69	70	72	71	70	70	71	73	71	70	69	71	72	73	74	71	70.3
Hot Springs	Maximum	97	99	95	85	91	94	96	100	100	98	94	75	84	87	87	94	95	95	88	95	93	94	97	90	87	94	95	93	95	98	96	92.9
	Minimum	76	73	76	69	64	66	66	71	78	79	71	71	70	71	72	71	71	78	66	71	74	73	72	71	69	69	74	75	76	77	73	72.0

Daily Temperatures for July, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.......§§	Maximum	93	93	88	82	85	88	90	96	98	95	89	76	85	84	83	91	93	94	87	92	93	93	91	92	86	90	93	92	95	96	96	90.3
	Minimum	64	63	65	67	54	53	58	62	65	64	69	67	69	70	65	62	62	64	65	63	66	64	66	63	63	60	65	67	65	67	63	63.9
Jonesboro	Maximum	100	101	86	81	86	93	97	99	97	100	93	81	83	88	92	95	93	93	87	92	94	96	96	96	92	97	98	90	95	96	96	93.0
	Minimum	74	74	71	68	64	67	71	70	75	76	74	69	71	71	72	72	67	75	67	68	69	71	73	74	69	71	70	72	72	74	74	71.1
Lead Hill..........	Maximum	101	99	88	85	90	94	99	100	99	100	93	84	82	91	96	100	100	103	92	94	92	97	99	97	91	92	97	97	99	98	96	95.0
	Minimum	68	69	69	67	53	57	62	67	68	69	70	68	66	69	65	63	61	68	67	66	70	70	71	67	68	68	69	70	70	71	69	66.9
Little Rock..*	Maximum	95	95	90	80	84	90	93	97	96	95	91	76	78	86	86	92	94	94	87	90	89	92	94	94	86	93	95	90	94	95	95	90.5
	Minimum	74	74	73	71	68	68	68	73	77	76	70	71	72	72	74	74	75	69	68	75	71	72	73	73	72	72	75	74	74	70	72	72.2
Little Rock.....*** [Airway]	Maximum	98	97	92	82	87	92	93	98	97	96	91	77	80	86	88	94	95	97	88	92	90	93	95	95	89	94	95	92	96	97	98	92.1
	Minimum	72	74	72	70	67	68	67	72	74	73	71	72	71	72	74	74	70	69	68	73	72	72	73	72	71	71	73	75	73	73	72	71.6
Lutherville........	Maximum	94	93	88	85	87	87	92	95	96	95	87	82	81	83	90	91	93	94	89	92	92	93	95	94	83	91	93	90	94	93	93	90.5
	Minimum	72	69	70	67	59	62	64	69	68	72	70	68	69	68	73	69	68	72	64	70	73	70	71	70	67	67	71	72	73	76	71	69.2
Magnolia..........	Maximum	96	97	94	89	90	94	96	97	97	97	94	84	87	93	91	97	98	97	97	96	98	95	97	97	97	96	95	97	95	95	99	94.9
	Minimum	73	72	71	70	65	66	68	71	72	73	73	72	72	71	74	74	71	73	68	72	72	72	73	74	70	70	72	74	72	74	74	71.5
Mammoth Spring.	Maximum	103	103	97	83	86	90	98	96	96	98	91	87	91	90	91	95	95	99	90	92	95	98	97	101	92	94	97	97	97	99	99	94.7
	Minimum	69	69	69	67	58	61	64	66	69	72	70	67	69	69	67	67	63	71	61	64	65	69	71	69	67	69	71	73	71	70	72	67.7
Marianna.........	Maximum	96	96	90	79	86	88	91	96	94	95	90	83	77	87	90	91	94	92	86	91	93	94	93	94	90	95	94	89	93	94	93	90.8
	Minimum	70	73	71	69	67	67	64	68	71	71	71	69	70	72	73	71	68	72	66	68	70	70	70	71	70	68	73	70	70	71	73	69.9
Marked Tree....§§	Maximum	99	103	99	88	85	93	95	97	96	99	94	83	82	89	93	99	94	92	86	92	94	95	94	95	93	97	98	82	95	97	95	93.3
	Minimum	71	75	78	75	62	67	67	70	75	73	73	70	70	69	72	71	66	72	66	69	70	70	71	61	69	72	72	72	70	70	73	70.4
Mena..............	Maximum	96	97	89	84	87	94	94	99	98	98	89	76	85	84	85	92	97	97	94	95	96	95	97	97	92	94	95	94	97	98	97	93.0
	Minimum	73	68	69	68	60	61	66	69	72	71	69	68	69	71	70	69	67	72	68	68	73	71	73	69	69	66	70	73	73	70	68	69.1
Monticello......***	Maximum	100	98	90	83	84	92	96	98	100	98	91	80	80	90	92	91	95	95	89	94	94	94	94	93	94	94	94	91	95	96	97	92.6
	Minimum	74	71	71	70	65	66	67	73	72	74	72	71	71	71	72	69	71	73	68	72	71	70	69	70	72	72	71	71	73	75	75	71.0
Morrilton ....§§	Maximum	92	100	96	87	90	91	97	99	98	99	90	79	82	88	91	93	96	95	90	94	93	95	98	96	86	95	97	95	97	98	97	93.4
	Minimum	72	70	73	70	58	61	67	62	70	72	74	70	69	71	73	70	69	72	68	75	74	71	71	72	69	67	72	73	73	76	71	70.2
Mountain Home...	Maximum	100	99	90	86	91	95	100	98	96	98	90	80	82	92	95	99	95	99	89	93	92	96	97	97	90	92	96	95	97	94	96	93.8
	Minimum	69	68	70	67	59	58	64	69	70	71	68	70	67	69	70	66	63	67	67	66	67	71	71	71	67	69	71	72	79	73	72	68.4
Mt. Ida............	Maximum	94	98	93	85	89	95	95	100	100	96	93	79	86	86	90	96	96	97	89	94	95	96	97	97	86	94	95	93	96	96	96	93.3
	Minimum	67	66	70	69	57	56	60	66	69	66	72	70	69	71	70	68	65	67	66	66	69	67	67	65	67	68	69	71	70	68	67	67.0
Nashville..........	Maximum	95	95	92	85	87	92	92	96	96	96	88	74	86	86	88	95	95	95	89	94	94	94	94	96	94	93	94	90	94	95	96	91.9
	Minimum	73	73	73	72	66	66	67	70	73	73	71	71	71	73	74	70	70	72	67	71	72	73	74	73	72	70	73	74	74	73	71	71.5
Newport...........	Maximum	98	101	88	82	88	91	95	95	95	96	93	81	80	90	92	95	93	90	88	92	94	95	96	97	91	95	95	94	97	97	97	92.6
	Minimum	71	68	71	69	65	65	67	70	74	73	70	71	73	71	72	72	67	73	67	70	70	69	73	74	70	71	74	74	72	75	73	70.8
Oden......... ..***	Maximum	93	95	88	83	85	90	91	96	95	93	87	76	85	86	84	88	93	96	88	93	92	94	93	92	81	92	93	90	94	95	92	90.1
	Minimum	71	68	68	64	59	58	64	68	72	69	71	69	70	73	75	70	71	82	73	72	83	79	78	77	78	75	80	83	83	66	77	72.5
Okay	Maximum	95	97	97	91	89	94	96	98	98	98	90	89	86	88	89	95	96	95	89	95	95	95	96	98	96	94	94	91	95	95	96	93.9
	Minimum	72	71	73	71	64	64	75	69	70	71	72	71	70	73	73	70	69	73	67	70	72	73	74	73	72	69	72	73	73	74	74	71.2
Ozark..............	Maximum	95	95	90	89	87	92	97	99	99	98	91	83	80	89	90	95	97	100	96	94	95	95	98	100	91	93	95	96	97	99	96	93.9
	Minimum	69	65	68	63	55	58	60	66	65	68	65	66	56	66	66	67	66	68	66	69	73	69	68	67	65	65	69	67	68	71	67	65.8
Paragould....... .	Maximum	100	102	85	80	86	92	95	97	95	97	90	82	80	87	90	94	87	90	88	91	95	94	94	92	91	96	97	98	94	96	97	92.0
	Minimum	72	74	71	68	66	69	67	70	75	72	71	70	71	71	70	69	66	69	65	65	67	69	70	70	68	70	72	73	69	71	72	69.7
Perryville	Maximum	97	99	99	84	90	93	96	99	101	100	94	89	83	88	88	95	98	100	90	95	92	96	100	98	92	97	97	96	100	99	101	95.0
	Minimum	69	70	72	71	61	62	64	68	70	69	74	70	70	71	73	71	68	69	68	70	71	69	70	71	69	67	71	72	72	73	70	69.5
Pine Bluff.........	Maximum	96	96	89	80	84	87	92	95	94	94	92	76	79	85	88	90	93	93	85	90	91	92	92	93	90	92	94	90	95	94	95	90.2
	Minimum	74	70	72	70	69	70	69	73	75	76	72	71	71	72	74	71	72	76	69	74	73	71	72	73	73	72	72	74	75	77	74	72.5
Pocahontas.......	Maximum	100	102	99	85	88	93	97	98	98	102	99	80	88	91	95	97	95	93	89	93	96	95	96	98	93	96	98	98	97	99	99	95.1
	Minimum	71	71	71	67	62	64	64	67	73	72	70	69	69	72	70	68	63	72	66	65	67	70	71	70	68	68	72	72	69	71	72	68.9
Portland	Maximum	97	95	90	88	88	91	93	95	96	95	93	81	85	88	89	90	94	94	88	95	92	92	92	93	94	94	93	92	94	94	95	91.9
	Minimum	72	74	72	73	67	69	71	72	72	72	73	71	74	72	72	70	71	72	69	70	70	70	69	70	72	72	71	71	71	72	73	71.3
Prescott............	Maximum	98	99	95	85	88	93	95	99	100	98	95	75	85	89	92	95	97	97	95	95	94	95	97	95	94	95	96	95	97	98	98	94.2
	Minimum	73	74	71	71	65	67	66	72	75	75	73	71	71	73	73	70	71	73	68	71	72	72	75	71	72	69	72	74	75	75	74	71.7
Rogers	Maximum	96	91	83	80	84	90	96	99	100	98	88	88	78	87	91	96	99	102	89	97	99	100	102	99	92	95	96	98	102	99	97	93.9
	Minimum	72	69	66	61	55	58	65	69	69	71	67	68	68	70	69	67	64	72	69	66	70	72	72	69	69	66	70	70	73	70	67	67.8
Russellville........	Maximum	95	97	95	91	90	93	98	98	99	99	97	81	83	82	91	99	97	99	98	96	97	97	98	98	92	95	99	97	100	100	100	95.2
	Minimum	71	68	72	70	68	62	64	66	72	71	68	69	69	71	68	66	72	71	70	69	72	70	70	70	68	67	71	71	72	73	70	69.4
St. Charles ......§§	Maximum	97	97	93	80	87	91	94	97	95	96	92	80	83	89	92	94	96	95	88	94	93	95	94	94	94	95	97	89	95	96	98	92.6
	Minimum	69	74	70	69	66	68	67	69	72	74	73	69	70	71	71	71	70	73	67	70	70	70	70	72	70	69	74	70	71	75	74	70.6
Searcy	Maximum	98	99	91	83	89	93	96	99	98	97	94	79	80	88	92	95	98	94	90	94	88	95	96	98	91	95	98	93	97	98	97	93.3
	Minimum	69	71	70	69	65	64	63	68	71	72	70	69	69	70	72	72	67	72	67	71	71	68	70	73	69	69	72	72	71	74	71	69.7
Stuttgart	Maximum	99	97	93	82	87	91	97	99	98	100	94	78	82	88	91	95	97	96	90	94	92	94	95	95	93	94	96	92	95	97	99	93.2
	Minimum	70	73	72	69	66	68	66	70	73	73	71	70	70	73	72	71	70	72	68	71	72	70	71	72	71	70	74	73	72	75	72	71.0
Stuttgart (near).§§	Maximum	96	95	90	80	85	89	94	97	96	95	91	79	82	88	89	93	95	94	87	93	92	94	93	93	92	93	95	88	92	95	95	91.3
	Minimum	71	74	72	69	66	68	67	70	73	73	73	69	70	71	72	72	71	73	67	71	72	71	72	74	71	70	75	72	73	75	73	71.3
Subiaco............	Maximum	96	97	89	89	89	92	94	100	102	100	94	82	84	88	91	92	96	99	91	95	97	98	98	99	91	94	96	95	98	99	97	94.3
	Minimum	72	68	69	67	59	60	64	70	70	72	69	68	68	69	70	70	68	74	67	70	73	71	71	69	68	67	71	71	72	75	72	69.2
Texarkana	Maximum	96	97	94	84	89	93	95	98	99	98	88	74	85	89	85	94	96	97	90	96	96	96	97	98	95	94	96	93	96	98	98	93.4
	Minimum	73	71	70	70	64	65	63	69	70	72	71	69	69	70	72	68	68	72	66	69	71	72	72	73	71	68	70	72	72	73	73	69.9
Turnpike..........	Maximum	90	88	84	78	82	85	88	91	88	89	81	77	74	78	85	81	86	87	74	85	86	87	89	87	80	85	85	84	86	84	88	84.3
	Minimum	71	72	66	61	60	65	71	68	64	73	67	65	65	66	69	69	71	63	63	69	70	70	74	68	65	68	72	72	72	77	71	68.3
Waldron	Maximum	98	98	94	93	..	..	96	101	101	99	95	77	78	81	86	86	94	91	91	98	97	.	96	..	..	94	97	96	98	..	99	93.4
	Minimum	70	67	69	64	..	..	56	67	70	68	71	70	69	70	70	68	65	70	68	68	71	69	68	66	67	65	70	70	70	72	67	68.1
Warren	Maximum	99	96	91	84	91	93	94	99	99	92	92	82	82	89	90	93	96	95	92	95	91	95	95	93	95	96	96	87	94	95	96	92.8
	Minimum	73	73	72	67	68	69	70	73	75	75	75	73	72	72	73	73	73	76	69	73	72	71	72	72	72	73	74	73	76	76	77	72.6
White Rock.......	Maximum	87	86	82	78	82	85	90	92	91	90	88	79	74	80	85	88	88	90	85	87	89	90	91	91	87	87	88	88	90	91	88	86.7
	Minimum	69	69	68	61	61	65	68	72	71	71	64	65	65	66	69	68	71	71	67	68	71	70	72	70	66	67	71	71	71	72	69	68.4
Wilson	Maximum	95	96	91	84	89	87	96	100	98	102	100	82	83	87	92	92	94	90	86	92	94	95	94	92	95	98	98	88	95	95	95	92.7
	Minimum	74	75	74	60	68	69	68	70	74	75	78	73	71	70	72	72	65	75	66	72	72	70	70	70	68	69	70	73	75	74	70	71.0
Wynne	Maximum	98	99	88	77	86	92	95	98	97	99	93	81	81	92	91	95	95	94	88	91	93	94	96	95	89	95	94	89	94	95	90	92.1
	Minimum	71	74	72	68	64	65	66	71	72	73	73	69	71	72	72	71	67	73	65	70	71	70	70	72	71	68	73	72	70	72	70	70.3

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for July, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.316	.310	....	....	.164	.144	.383	299	.352	.332	.329	.140	....	.431	.115	.746	.414	.068	...	.220	.372	.126	.252	.306	.206	.266	.228	.282	.186	.316	.322	7.625
	Mean tem.	84	84	82	77	76	76	78	80	84	85	86	80	76	77	80	80	82	83	84	83	83	84	84	83	82	82	83	82	84	85	84	81.9
	Wind move	45	32	30	38	48	23	26	38	45	39	39	40	17	70	13	8	40	10	16	28	42	10	36	22	23	48	31	14	18	32	46	967
Irons Fork... §§ Exp. Forest	Evap.	.206	.157	.138	.173	.093	.079	.211	.089	.177	.175	.191	.045	.006	.052	.105	.092	.141	167	.239	.117	.145	.175	.179	.108	.165	.039	.111	.151	.163	.199	.186	4.274
	Mean tem.	78	78	76	74	70	70	74	79	82	80	79	72	77	77	79	76	78	79	76	78	80	78	78	78	74	75	79	80	80	82	80	77.1
	Wind move	3	11	8	17	8	8	7	6	6	9	3	8	8	6	7	4	6	8	16	7	3	6	7	2	4	2	3	8	11	3	3	208
Russellville.... Ozark Nursery.	Evap.	....	.240	.236	.510	.174	.282	.248	.150	.322	.325	.060	....	.082	150	.096	.372	.118	.344	.238	.324	.326	.208	.132	.392	.158	.184	.214	.242	.198	.354	.154	6.833
	Mean tem.	83	82	84	80	79	78	81	82	86	85	82	75	76	76	80	78	84	85	84	82	84	84	84	84	80	81	85	84	86	86	85	82.3
	Wind move	23	18	30	40	45	6	20	34	16	19	30	18	24	18	17	3	13	30	26	10	26	13	3	24	15	11	11	23	11	25	21	623
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.280	.273	.132	.113	.089	.135	.213	.264	.237	.177	.288	.118	.016	.043	.136	.108	.201	.242	.365	.112	.219	.172	.225	.205	.262	.125	.194	.208	.092	.244	.297	5.785
	Mean tem.	84	84	81	74	76	78	80	84	84	84	82	74	76	80	80	82	83	84	77	82	82	82	82	84	82	82	85	80	82	85	84	81.3
	Wind move	54	30	42	54	34	21	13	36	22	10	63	32	9	8	8	8	12	26	85	16	19	15	16	15	21	14	14	15	36	50	62	860

Daily Precipitation for July, 1941 Additional Rainfall Stations

Stations	Drainage basin	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas											.70		.10						.32							.05						
Antoine(near)[2]	Ouachita																																
Beaty Lake(near)	St. Francis		.91	.10	.28								.39	.12	.12					1.82								.07		.03	.18		4.02
Beech Grove(near)	White		.05					.10				.06	2.92	.12						1.59					.18		.04		.11		.46		5.63
Beedeville[2]	White			.57	.24					.01	T.		.68	.01	.80					1.00						2.70				.21	.28	.26	6.76
Blue Mountain[2]	Arkansas												.84	.10						.40							.45						1.79
Bluff City.[2](near)	Ouachita																																
Booneville	Arkansas		.68	.06								15	1 08	.12	T.	T.		.04		1.08						T.			.06		.03	T.	3.30
Brinkley[1]	White		.01	.36	.03							1.20	.08	.20					1.10	.01					.01				.32		.02		3.34
Cabot[2]	Arkansas											.80		2.70		.05			1.00						.30				.40				5.25
Camp Alton	Ouachita				.57							.07	1.20	99	.41	.45				.10					.80	.85							5.44
Camp Damascus[2]	Arkansas								.91			.42	1.71	.30					.77			.47											4.58
Carlisle	Arkansas			.43	.18								1.91	.33		.03		.04		.94			.05			.07		.15		.02	T.		4.15
Charlotte (near)	White								.21			2.27	1.25	1.02					.45						.52					.07			5.79
Clay SCS[2]	White																																
Corley[2] (near)	Arkansas											.38	.22	1.10	.02	.06				.44							1.28						3.50
Denmark[2]	White			04	.10					.11			.30	.58	2.14					.84						.51				.31	.36	.22	5.51
Dermott[2]	Mississippi			2.65		T.				T	.01	T.	.05	.44	1.35		.18	.23		.10	.92		1.08	.05			.03		1.60				8.69
Dutch Creek	Arkansas	.40	.05									.29	.27	.40			.04			.48			.26			.92		.07	.01		.52		3.71
Eagle Gap[2]	Arkansas																																
Eleven Point[2]	White		.25	.03	.21								.40	1.05						3.19						.40							5.53
Evening Shade[2]	White				.25				.08				.38	.15	.18	.01				.08			.10	.23	.01	1.13				08			2.68
Forrester[2]	Arkansas													.18	T.		.45			1.60													
Gravelly.[2]	Arkansas			T.									.41	.39	T.					.58			.66				.45	.25				.10	2.84
Green Forest[2]	White																																
Greenwood[2]	Arkansas											T.	.02	.06			23			.10							.01		.10				
Harrisburg[2]	St. Francis			.55	.12								.19	.10						2 34								.94					4.24
Hollis (near	Arkansas	.07		.45								.92	.35	.35	.11					.73			T.			.02						.45	3.45
Hon[2] (near)	Arkansas		.13	.08		.05					.13	.23	.12	1.17			.25						.20		.20	.85		.10	.10				3.61
Hutt'g[2](near)	Ouachita			1.02	.31								.24	.26	.35	.78	51	.16		.55	.08	.04	.34		.75		.05		.15				5.59
Jacksonville[2](near	Arkansas			.07					.02			1.27	.76	1.00	.06				.96				.03		.06							.04	4.27
LaCrosse[2]	White				68				.98				.57	.12						.18				.02		.32					.20		3.07
Lake City[2]	St. Francis			.38	.08								.22	.60	.06					65											.48		2.47
Marshall[2]	White			.12	.15				.35	.23		.01	.19	.53	.20					1.56			.28				.20				.03	.10	3.95
Marvell[2]	White				.74						17	1.15	.77		.15			.37		1.26										.47			5.08
Mena CCC	Red		.01		.03							.31	.76	.18	.27	.04				.69				.10	.85	.34	T.			T.	.17		3.75
Morobay[2] (near)	Ouachita			1.26	.13								.69	1.36	1.77	.93	.43			1.01				.67						.21			8.46
Mountain View[2]	White			.47	.77				1.52				.58	.88	.18					.85			.30			98					.63		7.16
Newhope(near)[2]	Ouachita			.10									1.15	.73	2.47		.30			1.00							T.						5.75
Odell (near)[2]	Arkansas		.10	.02								.62	.07	.25	.11												1.83					.12	3.12
Osage Mills.(near)	Arkansas		.07								.03			.89					.29					.46							1.03		2.77
Pottsville[2](near))	Arkansas	.74												2.00		.30	.20				.17		.37										3.78
St. Paul[2](near)	White											.28	.74	.66	.18					.54													2.40
St. Vincent	Arkansas								92			.10	.06	1.25						1.65		.05		.80									4 83
Shirley[2](near)	White			.07	.05				.54				1.90			.15	.59			.97			.30	T.		.08				.26	.07	T.	4.98
Solgahachie(near)	Arkansas								.21			03	*	1.83			.05			.60													2.72
Sparkman[2](near)	Ouachita			.50	.08								.40	1 82	.52		1.49	.39		.79			T.		.91	.02	.23						7.15
Stamps (near)	Red			.21									1.97	.53		.02				.19						1.71							4.63
Stephens[2] (near)	Ouachita			.28									2.00	.52	.52					.33					T.	.76	1.50						5.91
Sugar Grove[2]	Arkansas								.40		.30	.50	.40							1.00							.20	.20					
Texarkana	Red			.33								1.07	1.62	.04	.20	2.52				.29						.12							6.19
Tichnor[2]	White			.36	1.26					.16			.79	3.60	1.60	.45	.12			.79		.10											9.23
Vick[2]	Ouachita			.50			T.	.50	.50					.40	T.	T.				.50			.50							1.00			3 90
Walnut Grove	White			.15	.09							2.29	.18	2.55					.34						.34	.44			.32				6.70

Daily River Stages for July, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.8	11.3	10.3	9.6	10.3	10.4	9.3	9.1	10.1	9.9	10.0	9.3	8.8	8.2	8.0	7.9	8.0	8.0	7.8	8.7	9.5	8.2	7.8	7 3	7.0	7.0	7.2	7.0	7.3	11.0	9.5
Van Buren	do	22	10.7	11.5	10.5	9.4	10.2	10.4	9.2	9.0	10.0	10.8	9.9	9.3	8.5	7.5	7.2	7.2	7.2	7.3	7.0	7.7	9.8	7.9	7.0	6.4	5.8	5.8	6.2	5.9	6.0	11.5	9.5
Danville	Petit Jean	20	3.0	3.4	3.9	4.0	3.3	3.1	3.1	3.0	2 9	2.8	2.8	3.1	3.0	3.0	3.0	3 0	3.0	2.9	2.8	2 8	2.9	3.1	3.0	2.9	2.8	4.0	3.3	2.9	2.3	2.8	2.9
Ozark	Arkansas	22	3.5	7.0	6.6	5.7	5.1	6.0	5.4	4.5	4.8	5.8	5.1	5.2	5.0	4.0	3.2	3.2	3.2	3.2	3.1	3.1	3.0	4 4	3.3	2.7	2.2	2.1	2.1	2.4	2.2	6.8	5.8
Dardanelle	do	22	6.5	8.0	9.7	9.2	8.2	8.0	8.7	7.9	7.3	7.7	8.5	8.3	8.1	7.7	6.7	6.3	6 2	5.9	6.8	5.9	5.8	6.9	7.1	6.0	5.4	5.3	4.8	4.8	5.1	4.8	9.5
Morrilton	do	20	2.4	2.3	5.3	5.7	4.7	3.8	4.4	4.4	3.4	3.1	4.2	4.5	4.4	4.0	3.1	2.2	1.7	1.5	1.5	2.0	1.3	1.8	3.2	2.0	1.1	0.6	0.3	1.0	0.2	0.2	2.3
Little Rock	do	23	4.6	4.2	4.6	6.6	6.6	5.9	5.4	5.8	5.5	4.9	4.8	5.5	5.8	5.8	5.3	4.8	4.2	3.8	3.7	3.8	3.9	3.5	4.0	4.7	4.1	3.4	3.0	2.7	2.5	2.6	2.6
Pine Bluff	do	25	8.6	8.4	8.1	9.4	10.4	10 0	9.4	9.4	9.5	9.1	8.4	8.9	9.4	9.5	9.4	9.0	8.4	7.9	7.7	7.4	7.4	7.6	7.3	7.9	8.3	7.6	7.0	6.7	6.4	6.2	6.3
Gilbert	Buffalo	30	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2 9	2.9	2.9	2 9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Black Rock	Black	14	1.3	1.2	1.2	2.7	1.9	1.8	1 7	1.7	1.6	1.5	1.4	1.3	1.3	1.8	1.7	1.6	1.4	1.3	2 0	2.6	1.9	1.5	1.3	1.2	1.2	1.3	1.2	1 3	1.3	1.5	1.3
Heber Springs	Little Red	30	2.5	2.4	2.3	2.3	2.3	2 2	2 2	2.2	2.1	2.1	2.1	2.1	2.1	2.3	2.8	3.0	2 8	2.7	3 0	2.8	3.0	2.9	3.2	3.0	2.9	2.9	2.8	2.7	2.7	2.8	2.6
Ozark Beach Mo	White	30	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6	0 4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.1	0.0	-0.1	0.6	-0.6	-0.6	0.2	-0.6	-0.6	-0.2	-0.6	0.6	2.0	0.4	-0.6	-0.6	-0.6
Cotter	do	21	2.1	2.1	1.8	1.6	1.6	1.6	1.5	1.0	1.0	1.7	1.9	1.7	1.7	1 5	1.5	1.4	1.4	1.5	1.8	1.7	1.6	1.4	0.9	1.0	1.3	1.9	1 8	1.2	3.0	2.3	2.1
Calico Rock	do	18	1.0	0.9	0.7	1.0	1.1	1.0	0.8	0.9	0.5	0.5	0.9	0.8	0.8	0.8	0 7	0.9	0.9	0.7	2.1	1.0	1.0	0.8	0.6	0.4	0.7	0.9	1.1	0.7	0.6	1.9	1.5
Batesville	do	23	5.4	4.9	4.7	5.8	4.9	5.0	4.8	4.9	4 8	4.5	4.3	4.7	4.9	4.7	4.7	4.6	4.6	4.5	5.8	5.9	4.9	4.8	4.7	4.5	4 8	4.8	4.8	5.0	4.7	4.5	5 5
Newport	do	26	0.4	0.3	0.1	0.1	0.9	0.7	0.5	0.3	0.2	0.1	0.1	0.1	0.0	0.4	0.3	0.1	0.1	0.0	0.0	1 0	1.2	0.8	0.3	0.0	0 1	0.1	0.1	0.1	0.0	0.0	0.0
Georgetown	do	21	0.6	0.6	0.6	0.6	0.5	0.7	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0 5	0.5	0.5	0.5	0.5	0.6	1.1	1.3	1.1	0.6	0.6	0.6	0.6	0.4	0.4	0.4
Des Arc	do	24	3.5	3.4	3.4	3.4	3.2	3.2	3.2	3.4	3.4	3.2	3 1	3.1	3.1	2.9	3.0	3.1	3.3	3.3	3.2	3.1	3.0	3.4	3.8	3.8	3.5	3.2	3.0	2.9	2.9	2.8	2.8
Clarendon	do	26	8.0	7.9	7.9	8.0	7.9	7.8	7.7	7.7	7.8	7.8	7.7	7.7	7.7	7.6	7.5	7.6	7.7	7.8	7.9	7.7	7.6	7.5	7.8	8.1	8.1	8.0	7.7	7.5	7.4	7.3	7.3
St. Charles	do	25	9.0	8.6	8.5	8.7	8.6	8.4	8.3	8.3	8.3	8 4	8.3	8.3	8.4	8.3	8.2	8.2	8.3	8.3	8.4	8.4	8.2	8.1	8.1	8.4	8.5	8.6	8.4	8.2	8.0	7.9	7.8
Glenwood	Caddo	..	5.4	5.4	5.6	5.5	5.4	5.3	5.3	5.3	5.3	5 3	5.3	5.4	5.6	5.7	6.1	6.1	5.8	5.6	6.9	6.0	5.8	5.6	5.5	5.5	5.5	5.7	5.5	5.5	5.4	5.4	5.7
Arkadelphia	Ouachita	17	4.4	4.4	4.2	4.4	4.4	4.2	4.1	4.2	4.2	4.0	4.1	4.1	4.0	4.2	6.2	7.0	5.9	5.5	5.4	4.9	4.8	4.8	4.6	4.8	6.0	4.7	4.8	4 4	4.3	4.4	4.3
Boughton	Little Mo.	20	5.3	4.8	4.5	4.3	4.2	4.2	4.1	4.0	3.8	3.7	3 6	4.0	4 6	4.4	4 1	10 6	10 2	7.9	6.3	6.0	7.5	6.2	5.8	5 2	4.9	4 6	4.4	5.3	5.0	4 6	4.3
Camden	Ouachita	26	4.6	4 6	4.7	4.8	4.7	4.6	4.4	4.2	4.2	4.2	4.2	4.2	4.7	4.9	5.4	6.6	8.8	10.2	10.4	9.1	7.4	6.5	6.7	6.5	5.9	5.8	5.9	5.9	5.5	5.3	5.0
Benton	Saline	20	3.9	3.8	3.8	3.7	3.6	3.6	3.6	3.5	3.4	3.4	3.3	3.4	3.4	3.6	4.2	5.4	4.9	4.9	4.7	5.0	4.8	4 5	4.4	4.2	4 0	4.7	4.5	4.4	4.1	3.9	3.9
Index	Red	25	15.0	16.2	15.4	13.8	13.4	13.2	16.0	15.2	14.1	13.2	12.7	12.5	12.7	12 8	12.8	13.1	12.4	12.0	12.0	12.8	13.9	13.2	12.4	11.6	10.7	10 3	9.9	9.8	9.3	9.2	9.2
Fulton	do	25	13.2	14.2	14.1	13.3	12.2	12.6	14.1	14.2	13.2	12.1	11.4	11.0	11 1	11.4	11.8	13.6	13.9	13 2	12.3	12.0	13.4	13.2	11.9	10.9	9.7	9.2	8.7	8.3	8.0	7.8	7.6
Big Lake Outlet	St. Francis	10	2.9	2.9	2.8	2.8	2 8	2.8	2.9	2.8	2.9	3.0	3.0	3.0	3.2	3.3	3.3	3.5	3.4	3.4	3.3	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	3.0	3.1	3.3	3.3
St. Francis	do	18	3.2	3 2	3.4	3.4	3.8	4 3	3.5	3.3	3.3	4.4	3.6	3.3	3.6	3.8	3.0	2.9	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2 4	2.5	2.5	2.6	2.7
St. Francis L.L.	do	..	14.6	14.4	14.3	14.6	14.5	14.7	14.8	14.7	14.6	14 6	14.7	14.8	14.7	15.1	15.5	15.7	15.8	15.5	14.9	14.8	14.6	14.7	14.8	14.6	14.5	14.4	14.3	14.2	14.1	14.3	14.6
Marked Tree	do	17	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2 2	2.3	2.3	2.4	2.4	2.4	2.6	2.8	2.8	2.9	2.9	2.8	2.6	2.3	2.2	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
Parkin	do	28	2.2	2.2	2.2	2.2	2.0	2 2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.4	2.5	2.8	2.8	2.5	2.4	2.2	2.1	2.1	2.0	1.9	1.9	1.9	1.9	1.8
Madison	do	32	0.5	0 4	0.5	0 5	0.5	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.5	1.4	1.2	1.2	0.8	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2
Helena	Mississippi	42	15.7	13.8	12.6	11.9	11.4	10.9	11.4	12.7	14 1	15.3	16 2	16.6	16.7	16.8	17.0	17.5	17.8	18.1	18.1	17.6	16.0	13.8	12.8	12.6	12.4	12.3	12 4	12.8	12 8	11.7	9.5
Arkansas City	do	42	15.7	13.8	11.9	10.5	9.6	9.2	8.9	8.9	9.5	10.4	11.6	12.3	12.8	13.2	13.4	13.5	13.7	13.9	14 0	14 0	13.7	12.8	11.4	9.9	9.5	9.4	9.3	9.2	9.3	9.3	8.6

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a], [b], [c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Bethesda, Batesville; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVI Little Rock, Ark., August, 1941 No. 8

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GENERAL SUMMARY

August weather was seasonable, both in temperature and precipitation. The mean temperature for the State, determined from the records of 77 stations, was 80.7°, which is 0.6° above the 51 year average. Temperatures of 90°, or higher, prevailed in most sections until the 19th, when cooler weather afforded some relief. Warm weather was again general after the 25th. Monthly mean temperatures ranged from 84.0° at Dumas to 76.2° at Devils Knob and White Rock. Twenty stations recorded temperatures below 80° for the month. The temperature rose to 107° at Corning on the 10th, the highest reported during the month and the highest recorded in the State since September, 1939. However, in August, 1936, temperatures as high as 120° were experienced. The lowest temperature in the State during the month was 50° at Gilbert on the 20th. More than half of the stations reported temperatures of 100°, or higher, at least once during the month. Sunshine amounted to 72% of the possible amount.

The average August precipitation for the State was 3.94 inches, which is 0.37 inch above normal. Twenty-four stations reported over five inches of rain and ten reported less than two inches. For the most part, the heaviest precipitation fell in the northern and western sections, although some northeastern stations, where it had been dry, were benefited by good rains. However, soil moisture continues inadequate in some portions of the northeastern counties. The largest amount reported from an individual station was 8.63 inches at Lutherville, the least was 0.64 inch at Crossett. The greatest rainfall in 24 hours was 2.93 inches at Rogers on the 7th. There were nine days with rain, considering the entire State. The rivers in Arkansas were at low stages throughout August. Lightning damaged a barn and some fruit trees near Lutherville on the 22d.

The weather was quite favorable for the growth of crops during the month. High temperatures from the 9th to the 12th retarded crops somewhat but cooler weather following this period allowed vegetation to recover. Cotton advanced normally in most sections and open bolls were reported by the 15th, with picking getting under way during the latter part of August. Boll weevils and army worms necessitated considerable poisoning. The early corn crop was made by the latter part of the month and late cotton made good progress. Rice made good progress, early varieties heading out by the 15th and some fields being cut shortly thereafter. Watermelons, cantaloupes and peaches were being harvested early in the month. Late Irish potatoes made good progress in areas where rainfall was sufficient. As the month ended, good quantities of snap beans, apples and Concord grapes were being gathered.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12 noon	6:30 p.	
Bentonville..	29.95	30.10	20	29.65	26	5.1	18	nw.	1	..	..	..	74
Fort Smith..	29.94	30.09	28	29.75	18	5.7	21	n.	1	87	59	58	67
Little Rock..	29.98	30.16	29	29.79	18	6.4	32	w.	1	93	62	69	75
Memphis	29.97	30.16	30	29.79	18	6.2	25	nw.	18	87	55	62	71

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog	..	..	1	..	1	..	..	2	.	..	..	..	..	1	..	..	..	..	..	..	..	..	2	1	..	..	..	2	1	..	..
Light hail	..	1	..	..	..	.	..	.	..	..	..	..	..	..	..	..	.	..	..	.	..	..	..	.	..	..	..	.	.	..	..
Moderate hail	1	..	..	.	.	..	..	..	..	..	..	..	..	..	.	..	..	..	..	.	..	..	..	..	..	.	.	.	.	.	.
Thunderstorm	20	16	11	7	..	12	11	8	3	8	2	12	23	9	5	1	.	16	6	1	.	8	3	15	7	9	24	9	12	9	1

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78 1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.73	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	3.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82 6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4 08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80 4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.43	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.0	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	43	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	6	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0 0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	12	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
1938	83.2	109	54	2.26	0.0	5	18	9	4
1939	80 2	107	49	2.50	0.0	6	16	11	4
1940	77.7	104	45	4.96	0.0	9	14	10	7
1941	80.7	107	50	3.94	0.0	9	12	13	6
Period	80.1	120	39	3.57	0.0	7	16	10	5

Correction for July, 1941

Page 41, Hope evaporation on 16th should be blank; total 6.879. Page 39, State, greatest daily range, 40.

Climatological Data for August, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	79.3	......	97	18	61	21	33	7.56	......	2.10	0.0	12	6	14	11	e.	L. R. Water Works
Arkadelphia	Clark	200	45	82.4	......	101	18	63	17§	35	1.37	−2.26	0.47	0.0	9	19	10	2	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	2.06	−1.90	1.04	0.0	7	13	13	5	......	George W. Reitzammer
Batesville Airway	Independence	363	4	80.4	+ 1.4	102	11	57	21	34	4.46	......	1.50	0.0	7	5	17	9	sw.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	3.01	−1.40	0.96	0.0	7	16	7	8	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	78.8	− 0.9	99	4§	56	21	36	3.05	−0.98	1.40	0.0	8	12	12	7	s.	Minnie Scanlan
Benton	Saline	285	5	80.2	......	98	10	59	21	36	4 71	......	1.32	0.0	8	21	8	2	sw.	S. A. Burks
Bentonville	Benton	1295	35	77.8	+ 1.0	96	3	55	20	30	5.37	+1.31	2.27	0.0	11	12	13	6	s.	U. S. Weather Bureau
Bethesda †	Independence	500	1	79.5	......	100	10§	57	21	34	4.36	......	2.02	0.0	7	8	22	1	se.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	3.82	......	0.92	0.0	10	14	7	10	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	3.08	− 1.03	1.39	0 0	9	21	2	8	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	81.6	+ 2.0	101	10§	58	21	30	3.80	−1.11	1.07	0.0	9	19	9	3	s.	Maureen K. Norris
Booneville (near)	Logan	465	26	80.5	− 1.6	104	11	60	20	36	5.91	+1.83	2.19	0.0	11	9	17	5	s.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	2.49	......	1.51	0.0	9	15	13	3	......	Ruby A. Buie
Brinkley	Monroe	205	49	81.4	+ 1.0	101	10	57	21	33	4.16	+0.49	1.23	0.0	8	17	9	5	sw.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	1.96	−2.40	1.20	0.0	11	11	3	17	......	William Jones
Camden	Ouachita	116	55	82.6	+ 2.0	104	11	62	21	32	3.43	+0.15	1.84	0.0	10	5	14	12	se.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	2 96	−0.72	1.51	0.0	6	14	12	5	w.	R. M. Wheatley
Clinton †	Van Buren	516	19	......	......	......	......	......	......	......	....	......	....	...	......	......	......	......	......	Doyle G. Love
Clover Bend	Lawrence	235	..	79.4	......	103	12	53	21	41	5.65	......	1.59	0.0	7	13	17	1	s	Farm Security Adm.
Conway	Faulkner	309	57	83.0	+ 1.4	107	10	62	21	35	5.10	+1.54	1.06	0.0	10	16	13	2	s.	E. E. Cordrey
Corning	Clay	293	47	81.2	+ 2.7	105	11	54	21	37	3.55	−0.74	0.96	0.0	9	18	10	3	sw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	2 06	−1.36	1.20	0.0	6	17	12	2	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	81.3	− 0.7	98	11§	59	21	33	0.64	−2.68	0.47	0.0	3	16	8	7	s.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	2.06	−1.98	0.51	0.0	9	6	20	5	......	J. M. Patterson
Dardanelle	Yell	330	54	82.2	+ 1.4	100	1§	62	20	29	4.08	+0.45	0.84	0.0	10	3	21	7	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	81.2	......	100	31	65	9§	29	2.48	......	0.74	0.0	12	7	22	2	sw.	W. A. Douthit
Des Arc	Prairie	204	2	81.4^b	......	99^b	10§	57	21	39^b	4.15	......	1.32	0.0	9	8	8	15	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	76.2	......	92	11	61	19	24	4.77	......	1.80	0.0	14	14	10	7	sw.	U. S. Forest Service
Dumas	Desha	162	35	84.0	+ 2.5	104	10§	59	21	34	3.22	−0.37	1.14	0.0	8	2	27	2	s.	Ben Johnson
El Dorado	Union	270	40	83.7	+ 1.5	100	18	66	21§	29	1.28	−1.72	0.43	0.0	8	16	12	3	sw.	Mrs. E. W. Gaston
England	Lonoke	229	34	79.4	+ 1.4	99	26	59	5§	37	3.36	− 0.28	2.10	0.0	4	7	22	2	sw.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	78.4	0.0	99	1	55	20	31	5.79	+0.82	1.37	0.0	13	13	17	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	78.2	......	99	1	52	20	36	2.39	......	0.63	0.0	12	9	16	6	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	78.5	+ 0.3	97	1	54	20	32	4.71	+0.65	1.22	0.0	12	10	17	4	sw	University of Arkansas
Fort Smith	Sebastian	448	59	81.2	+ 0.7	99	5	64	20	27	3.48	+0.20	0.60	0.0	17	10	11	10	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	3	......	......	......	......	......	......	......	4 78	......	1.44	0.0	14	6	16	9	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	3.94	+0.74	2.20	0.0	9	13	7	11	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	4.93	+1.22	1.90	0.0	6	21	4	6	......	C. G. Long
Gilbert	Searcy	600	15	78.8	......	102	10	50	20	41	2.91	−0.97	1 19	0.0	6	21	1	9	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	2 80	......	0.91	0.0	8	19	8	4	......	Chas. A. Price
Grannis	Polk	950	21	78.8	− 0.6	99	18	59	20	33	1.94	−1.70	0.48	0.0	13	9	12	10	s.	W. E. McVay
Gravette	Benton	1250	43	79.4	+ 1.8	100	4	52	20	37	3.58	−0.55	0.87	0.0	11	18	13	0	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	3	79.0	......	98	11	62	23	26	1.67	......	0.37	0 0	8	15	10	6	s.	U. S. Forest Service
Harrison	Boone	1052	40	80.4	+ 3.4	104	11	53	20	38	4.42	+0 39	1.21	0.0	8	20	7	4	sw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	2.80	......	0.49	0.0	9	9	21	1	......	Lester B. Logan
Helena	Phillips	300	68	80.2	− 0.4	95	10§	58	21	28	6.40	+2.58	1.80	0.0	8	7	18	6	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	...	......	....	...	......	......	......	......	......	Otto Murphree
Highland	Pike	491	21	81.4	− 1.9	95	1§	64	20	26	3.11	−0.67	1.13	0.0	9	11	19	1	sw.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	82.0	− 0.4	100	18	64	21	30	5.27	+2.30	2.12	0.0	11	13	16	2	se.	Experiment Farm
Hot Springs	Garland	600	49	82.8	+ 1.7	101	18	65	20	29	2.14	−1.68	0.98	0.0	7	21	8	2	sw.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	2.95	−0.34	0.75	0.0	6	28	0	3	......	W. F. McDowell
Irons Fork †‡‡	Polk	1385	2	78.2	......	102	18	58	20	34	3.11	......	0.70	0.0	10	12	15	4	sw	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	4.86	+1.34	1.72	0.0	9	0	26	5	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	81.7	+ 1.6	100	10§	58	21	31	2.74	−0.98	1.18	0.0	10	7	12	12	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	80.0	+ 1.2	102	11	51	20	41	1.80	−2.44	0.61	0.0	6	21	7	3	sw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	81.4	+ 1.6	98	10	66	21	24	3.15	−0.60	1.01	0.0	11	10	11	10	sw.	U. S. Weather Bureau
Little Rock Airway	Pulaski	257	4	81.7	......	99	18	62	21	30	3.73	......	1.29	0.0	10	10	11	10	sw.	W. B. Airport Station
Lutherville †	Johnson	775	42	79.0	− 0.7	97	11	61	20	28	8.63	+4 78	1.76	0.0	15	13	9	9	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	7.19	+4.49	2.95	0.0	6	5	3	23	......	J. W. Eppes
Magnolia	Columbia	315	24	83.7	+ 1 2	101	10	64	21	30	1.53	−1.51	0.70	0.0	6	0	30	1	s.	State Agri. School
Mammoth Spring	Fulton	600	36	80.4	+ 2.9	104	11	56	20§	34	4.65	+0.38	1.01	0.0	10	14	14	3	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	80.1	+ 0.1	97	18	58	21	31	5.70	+2.44	2.80	0.0	6	6	22	3	s.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	80.6	+ 1.4	101	12	57	21	30	5.86	+2.23	2.03	0.0	8	18	11	2	s.	Charles Walton
Mena	Polk	1207	52	80.4	+ 0.5	98	10	62	20	29	5.82	+1 48	1.06	0.0	13	11	10	10	sw.	E. W. St. John
Monticello Airway	Drew	273	4	82.8^a	......	100	18	63^b	21	28^b	1.78	......	0.64	0.0	6	8	11	12	sw.	Airway Observer
Morrilton †	Conway	315	21	81.2	− 0.7	100	1§	62	20	30	5.76	+2.16	1.89	0.0	9	4	21	6	sw.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	5.83	......	2.10	0.0	12	9	17	5	sw.	C. A. Lovell
Mountain Home †	Baxter	800	28	80.0	+ 2.0	102	11	57	20	34	3.28	−1.00	1.25	0.0	6	21	4	6	w.	H. N. Haibert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	2.66	......	0.91	0.0	9	13	13	5	sw.	J. G. Scott
Mount Ida	Montgomery	702	41	80.2	+ 0.8	100	18	60	21	33	3.57	+0.07	1.58	0.0	9	8	16	7	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	4.36	......	1.63	0.0	12	7	24	0	sw.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	3.50	......	0.86	0.0	15	8	10	13	......	Clifton Ward
Nashville	Howard	350	2	82.0	......	96	1§	67	8§	27	2.58	......	0.59	0.0	11	17	13	1	w.	H. B. Carruth
Newport	Jackson	231	57	81.6	+ 1.6	102	10	58	21	34	6.56	+2.64	1.97	0.0	9	12	15	4	n.	J. D. Henderson
Oden	Montgomery	800	13	80.4^b	......	98	3§	64^c	20§	30^c	5.45	+2.46	1.55	0.0	10	4	19	8	s.	U. S. Forest Service
Okay	Howard	288	12	82.6	− 0.2	99	18	66	21	28	2.94	+0.46	1.90	0.0	7	12	17	2	sw.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	3.10	......	1.08	0.0	8	15	10	6	......	G. H. Banks
Ozark	Franklin	396	45	79.0	− 2.7	102	1§	55	20	36	4.34	+0.53	0.87	0.0	13	4	13	14	se.	Orkney O. Milton
Paragould	Greene	275	17	80.0^b	......	100	10§	55^c	21	29^c	3.74	−0.23	1.11	0.0	10	20	10	1	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	6.11	+3.23	1.95	0.0	8	15^a	4^a	11^a	......	Carroll King
Perryville	Perry	325	20	81.5	+ 2.3	103	18	60	21	36	4.02	−0.03	1.12	0.0	8	7	23	1	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	82.5	− 0.7	97	10§	64	21	24	3.89	+0.46	1.04	0.0	9	13	16	2	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	6.16	+3.78	2.12	0.0	13	4	21	6	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	81.4	+ 2.0	104	11	55	21	33	4.53	−0.32	1.74	0.0	10	15	6	10	sw.	Benedictine Sisters
Portland	Ashley	122	34	81.2	− 0.2	97	11	62	21§	30	3.15	− 0.06	1.07	0.0	10	7	23	1	sw.	Mrs. Pearl E. Newton
Prescott	Nevada	318	52	83.6	+ 2.0	101	18	66	8§	29	2.01	−1.30	0.75	0.0	7	19	8	4	sw.	W. R. Hambright
Rogers	Benton	1300	50	77.8	+ 0.4	99	1	55	20	31	5.45	+1.55	2.93	0.0	10	12	17	2	sw.	Howard Fowler
Rosebud	Faulkner	680	6	......	......	......	......	......	......	......	2.45	......	0.95	0.0	9	16	11	4	e.	G. A. Maddox
Russellville ‡‡	Pope	526	28	81.5	+ 1.6	103	11	60	20	36	3.78	+0.35	0.75	0.0	11	13	10	8	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	81.5	......	100	11	59	21	80	4.35	....	1.77	0.0	9	15	12	4	n .	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	3.66	−0.58	1.18	0.0	10	17	0	14	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	81.4	+ 1.3	102	10	58	21	34	2.75	−1.30	1.02	0.0	9	21	4	6	sw.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	1.23	−1.87	0.40	0.0	8	20	1	10	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	4.03	+1.19	1.50	0.0	7	17	11	3	s.	S. C. Story
Stuttgart	Arkansas	214	53	81.8	+ 1.1	101	18	61	21	32	4.48	+1.09	1.95	0.0	5	20	8	3	sw.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	80.7	......	96	10	59	21	28	4.99	......	2.29	0.0	7	......	......	......	......	Rice Experiment Sta
Subiaco	Logan	750	43	81.4^e	− 0.2	101^e	11	63^e	23	31^e	4.87	+1.08	1.20	0.0	11	7^e	7^e	12^e	s.	New Subiaco Abbey
Texarkana	Miller	332	56	82.8	+ 0.5	101	18	66	20	29	4.20	+0.58	1.15	0.0	8	17	5	9	s.	H. S. Brashear

Climatological Data for August, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Turnpike †	Pope	2240	16	76.6	......	91	10§	60	19	23	5.45	+1.42	1.78	0.0	12	19	5	7	sw.	U. S. Forest Service
Wabash	Phillips	179	1	80.8	......	98	10	57	21	30	6.71	......	2.09	0.0	8	4	22	5	sw.	Farm Security Adm.
Waldron	Scott	675	21	81.2[a]	......	103[a]	1§	60[a]	20	34[a]	4.09	+0.38	1.38	0.0	9	4[a]	23[a]	3[a]	sw.	Wilson Ferguson
Warren	Bradley	206	46	83.5	+ 1.9	98	10§	62	21	29	2.90	−0.63	2.32	0.0	6	0	11	20	sw.	C. N. Turner
Whitecliffs	Little River	290	34	....	......	......	......	......	......	......	3.33	+0.66	1.92	0.0	4	20	5	6	......	L. M. Snead
White Rock †	Franklin	2285	4	76.2	......	94	1	60	27	25	5.69	......	1.29	0.0	12	16	10	5	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	80.7	+ 2.1	100	10§	58	21	32	7.58	+3.66	2.10	0.0	6	20	0	11	s.	D. O. Anderson
Wright	Jefferson	234	1	80.8	.....	98	10§	59	21	31	4.37	......	1.60	0.0	6	17	10	4	sw.	Farm Security Adm.
Wynne	Cross	167	32	80.6	+ 0.6	101	10§	56	21	33	4.99	+1.28	1.70	0.0	6	12	12	7	s.	B. M. Eddins
State Means		..	..	80 7	+ 0.6	107	10	50	20	41	3.94	+0.37	2.93	0.0	9	12	13	6	sw.	

Daily Precipitation for August, 1941

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser.	Ouachita.	.30	.53		.25									.82	.62	.97			T.	.05			1.00	.05	.02	T		2.10		T	.85		7.56
Arkadelphia [2]	Ouachita	.06		.47	.09				.01							.29								.03		.09		.32		.01			1 37
Arkansas City [2]	Mississippi		.12			T.					T.			T.		.12	.06			1.04	.15					.47				.10			2.06
Batesville Air'y [1+]	White													1.38					1.50				.48	.13		.40	.10	.47					4.46
Batesville River [2]	White														.26					.84				.96	T.	.15	.45	.15	.20				3.01
Bee Branch	Arkansas		.25											.25	.60								T.	.20		.10	.05	1.40				.20	3.05
Benton [2]	Saline		1.32												.47	T.				.24				.25		.86		.88	.51	.18			4 71
Bentonville [1‡]	Arkansas	.14		2.27		.09	T.	1.03	.07				.25	.39	.03				T			T.	.33				.15	.62		T.			5 37
Bethesda [***]	White												.09	.89						2.02		.07				.85		.18	.26				4.36
Big Lake Outlet [2]	St. Francis		.23														.26			.92				.54	.17	.28	.16	.47	.22	.57			3.82
Black Rock [2]	White								T.			T.		T		.02				1.39				.06	.28	.08	.16	.92	.09			.08	3.08
Blytheville [2]	St Francis		1.07													.02				.90				.61	.03	.02	.02	.77	.36				3.80
Booneville	Arkansas	.06	.17					T		T.			.20	2.19	.09				.36				.80			.42		.04		.65	.93		5.91
Boughton [2]	Ouachita			.34	.06				.06							1.51				.10				.03		.19			.18	.02			2.49
Brinkley	White													.47	.56					1.23			.02	.06	25			.87	.70				4.16
Calico Rock [2]	White			T				.05						.03	.05	.0	.02			T.			.01	1.20		.08	.10	.15	.22		T		1.96
Camden [2]	Ouachita				.03	1.84		.06	.05											.21					.05	.57			.05	.15	.42		3.43
Clarendon [2]	White		.25													.03				1.12				.02		.03			1.51				2 96
Clinton	White																																
Clover Bend	White														.35					1.43			T	1.59		.83	.10	1 33	.02				5.65
Conway	Arkansas		.64					.03						.29	.72				1.06				.89	06			.47	.67			.27	T.	5.10
Corning [2]	White		.15						.32					.82						.96			.05	T.		.87	.08		.20			.10	3.55
Cotter [2]	White														12					.13						.11		.45	.05		1.20		2.06
Crossett [near]	Ouachita																			.14				T.						.47	.03		0.64
Danville [2]	Arkansas		.16		.02						.37			.41	.26					.16				.05		T.		.12	.51		T.		2.06
Dardanelle [2]	Arkansas		.27											.84	.50		.12			.11				.84		.04		.39	.56			.41	4.08
De Queen	Red		.27	.60				.15	.11					.13	.05	.11				.09			.74		.15	.04			.04				2.48
Des Arc [2]	White		T.		T			T.	.17						.18	.40				1.32				.39	.03	.39	T.	T.	.94			.33	4.15
Devils Knob	Arkansas	.28	.33	.02			.22		T.		.04			.77		.08				.03		.13	.06		.26	.71	.04	1.80					4.77
Dumas	Mississippi		T.		T								T.	.04	.68					.61			.03	.05	.64		.03	T.	1.14				3.22
El Dorado [2]	Ouachita			.07		.07		T.	.43						.21	.03			.17					T.						.21	.09		1.28
England	Arkansas			.06				T	T.		1.00			T.							.20							2.10					3.36
Eureka Springs	White	.03	1.37	.75			.64	.58	.05					1.01									.85		.02		.13	.23		.08	.05		5.79
Fayetteville	White	.05	.30					.01	.14				.12	.48	.02				T.			.02	.58		.02			.63		.02			2 39
Fayetteville Exp. S	White	.02	1.08	T.				.06	.31				.13	.62					T.			.07	96		.02		.03	1.22		.19			4.71
Fort Smith [1‡]	Arkansas	.29	.07	.01	.09	.05		.28	T.	.20	T.		.60	.17	.02	.60			.27				.36		.01	.07		.32		.07	T.		3.48
Fort Smith W. [2]	Arkansas		.36		.04		.32	.14	.07		.24		.41		1.44	T	.03							.51		.08	.54		.26			.34	4.78
Fulton [2]	Red				2.20	.02			.05	.15					.03	.45				T.						.32				.22	.50		3.94
Georgetown [2]	White														.35	.65				1.30				.40		.33			1.90				4.93
Gilbert [2]	White		.57												.62									.21		.30	.02	1.19					2.91
Glenwood [2]	Ouachita			.12						.06					.51	.26												.49	.91		.06	.39	2.80
Grannis	Red		T	.18				.06	.13		.24			.11	.03	.22				.48			.28	.02	.09	.03	T	.07	T.	T			1.94
Gravette	Arkansas	.74		.85				.08	.11				.24	.10	.19				.06			.04	.30					.87					3.58
Green Mountain	White													.32	.17								.37	.12		.31	.07	.23	.08				1.67
Harrison	White	1.10											.34	55									.70		.13		.06	1.21		.33			4.42
Heber Springs [2]	White											07			.49	T.				.33				T	.40	.32	.16	.04	.32	.17			2.30
Helena [2]	Mississippi		1.55												1.80	.65				.86				.03		.03			1.33	.15			6.40
Higden	White													T.	T.				.30						T.			.45					
Highland	Ouachita			.35		.05	.44		.15					.25	1.13		.27						.37		.10								3.11
Hope [2]	Red			.32	1.20	.23			.03	.21							.07			.24						.41			.32	2.12		.12	5.27
Hot Springs	Ouachita		.30												.09	.18				.10			.35		.14			.98					2.14
Index [2]	Red				.65	.35			.10					.75	.75														.35				2.95
Irons Fork [2]	Ouachita				.17					.08				.25	.09					.93			T.	.63	.70	.15		.02	.09				3.11
Jessieville	Ouachita		.35									.37			1.72	.12				.39			.65	.12				.83	.31				4.86
Jonesboro [2]	White		.26		.04									01		T.				1.18				.25	.05	.33	.10	.30	.22				2.74
Lead Hill	White		T.					.02		T.				.61		T.			.10				.59				05	.43					1.80
Little Rock [1†]	Arkansas	.44	.23		.05									.36	T				.37	.09			.27	T.	.19			1.01		.12	.02		3.15
LittleRock Air'y [1‡]	Arkansas	.36	.20											.10	.05				.36	06			.23		.88	T.		1.29	T.	.20	T.		3.73
Lutherville	Arkansas		.26				.13	.06					.52	.92		.04			1.12				1.54		.27	19	.67	1.76		.91	.10	.14	8 63
Madison [2]	St. Francis		1 35												.50	.37				2.95				T.		.90			1.12				7.19
Magnolia	Red		.25		.03			.03												.15				T.					.37	.70			1.53
Mammoth Spg [2]	White		.95						.09					.90	.26					.55				.08		1.01	.16	.34	.31				4.65
Marianna	St. Francis		1.45												.20					2.80				.20				.70	.35				5.70
Marked Tree [2]	St. Francis		.04											T	2.03	02				1.02				.78		.79	.76		.42				5.86
Mena [2]	Ouachita			T.	1.06			T.	.71	.05				1.06	.38	T.	T			.88			.06	.33	.32	.78	.05	.03	.11		T.		5.82
Monticello Air [1‡]	Ouachita		.39				T.	T.							.02	T.				.31					.23				.64	.19			1.78
Morrilton [2]	Arkansas		.56	T.		.36						T.			1.89	T.	.02			.88				1.35	.33	T.	T.	T.	.34		.03		5.76
Mountainburg	Arkansas		.58	.02			.57	.12	.04	.02				2.10	.03	.11							.91		T.			.91			.42		5.83
Mountain Home	White	.75												1.25		T.			.60				.13		T.		.10	.45					3.28
Mountain Valley	Ouachita	.04	.25											T	.06	.17			.19	.14			.91	.10	T.			.80	T.				2.66
Mount Ida	Ouachita		.04	.02		.05		.07							.49					1.17							.11	1.58	.04				3.57
Mount Ida CCC	Ouachita								.16	.16					.38	.03				1.07			.25	.13		.03	.09	1.63	.42	.01			4.36
Mulberry [2]	Arkansas		.40		.12		.05	.05	.29	.31				.86	.08	.12	.33							.07	.09	.22		.33	.18				3.50
Nashville	Red		.01	.54			.19	.05	.59					.54	.25					T.		T	.25		.13				.01	.02			2.58
Newport [2]	White		.80												.05	.18				1.06				1.00		.21	1.97	.04	1.25				6.56
Oden [1]	Ouachita			1.55				.11	.02							.70			1.55				.59	.09				.41	.25	.18			5.45
Okay	Red		.30	.38				.05	.10						1.90										.13					.08			2.94
Osceola [2]	Mississippi		.01												.02					1.08				.24		.15	.07	.54	.99				3.10
Ozark [2]	Arkansas		.58					.08	.09	T.				.87	.51	.02	.06						.09	.59		.22		.60	.37			.26	4.34

Daily Precipitation for August, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Paragould	St. Francis	.04												1.11	.42	.06				.40			T.	.70	.07	.11		.31			.52		3.74
Parkin[2]	St. Francis		.80												1.40	.81				1.95				.16		.15	.23		.61				6 11
Perryville	Arkansas	*	1.12								T.			.07	.32				.60				.75					.74		.42			4.02
Pine Bluff[2]	Arkansas		1.04												.56	.65				.34				.15		.01			.99	.01	.14		3.89
Pine Ridge[2]	Ouachita	.04			.18			.07		.14					.08	.24	.02				2.12			.90	.70				.71	.55	.41		6.16
Pocahontas	White													.91	.03	.05				1.04				.09	.06	.29	.05	1.74	.27				4.53
Portland[2]	Ouachita			.06	.18						.48					.05	.22	.78		.19						.08		.04		1.07			3.15
Prescott[2]	Ouachita			T.	.34				.01	.03						.75				.09						.33			T	.46			2.01
Rogers (near)	White	.10		.08			T.	2.93	.20				.12	.26	.18							.03	.80		T.		T	.75		T.			5.45
Rosebud	Arkansas		.09									.06				T.	T.			.47		T	.15	.14		.05	.07	.95			.47		2 45
Russellville	Arkansas		.03					.05						.75		.55				.47			.16			.08	.74	.46		.02		.47	3.78
St. Charles[2]	White		.17												.03	.20				1.50				.10	.03	.01			1.77	.44			4.35
St. Francis[2]	St. Francis		.47											.12		.26				.98				.08		.12	.14	1.18	.15		.16		3.66
Searcy[2]	White	.11													.11	.12				1.02				.52		.23		.05	.56	T.		.03	2.75
Spring Bank[2]	Red				.05	T.			T.	T.	.18	.05					.02			.05				.40						.18		.30	1.23
Story[3]	Ouachita	.10			.21										.30					.82				1.50	.12			.98					4.03
Stuttgart[2]	Arkansas		1.95												T.	.05				1 28					.03	T			1.17				4.48
Stuttgart[2]	Arkansas		2.29												.66					.82				.01	.05	.01			1.15				4.99
Subiaco	Arkansas	.16	.45	T.				.03	T.					.81	T.	.26			1.18				1.20			.38	.05	.33		T.	.02		4.87
Texarkana[2]	Red				1.15	.62			.40	.83					.38	.10								.25						.47			4.20
Turnpike	Arkansas	T.	.54				.02	.09					.11	.88		.03				.49		.04	.05			1.18	.24	1.78					5.45
Wabash	Mississippi		.97												1.75				.83	.81			.05		.12			.09	2.09				6.71
Waldron	Arkansas			.10	.12					T.	.85	.08	1 38	.21									.73		T.	.07		.55					4.09
Warren	Ouachita		.10		.01										T				T.	.10									.31	2.32	.06		2.90
Whitecliffs[2]	Red			T.	T.				.42	T					1.92	.24								T.						.75			3.33
White Rock	Arkansas		1.15				T.	.12	.10					.92	.02	T							.58		.31	.43	.24	1.23		.08	.45		5.69
Wilson[2]	Mississippi		1.30												2.00					1.33				.35		.59			2.10				7.58
Wright	Arkansas		.59												.55				T.				.10		.19			1.60	1.34				4.37
Wynne[2]	St. Francis		.25											.55		1.65			T.	1.70				.14					.70				4.99

Daily Temperatures for August, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	95	95	93	93	92	91	90	91	93	96	92	93	92	90	92	93	93	97	88	87	85	83	87	85	92	90	85	90	91	91	92	90.9
	Minimum	67	62	70	70	66	67	69	65	68	71	67	70	70	69	70	74	63	68	67	64	61	67	67	70	69	68	67	69	68	68	69	67.7
Arkadelphia §§	Maximum	97	93	93	95	95	95	95	94	91	100	99	96	95	87	96	96	98	101	93	94	94	82	94	89	92	96	93	93	91	98	98	94.3
	Minimum	77	76	71	69	70	67	70	65	66	70	74	74	73	73	71	73	63	71	73	65	63	68	70	73	72	73	74	71	71	70	71	70.5
Batesville ***	Maximum	97	92	95	94	95	94	95	96	98	101	102	97	93	94	94	93	96	99	86	88	83	85	85	90	92	88	79	88	92	94	94	92.5
	Minimum	74	71	70	68	64	68	69	68	71	71	72	74	71	70	73	66	62	66	64	59	57	64	66	69	67	69	69	71	70	70	70	68.2
Bee Branch	Maximum	98	92	95	99	97	97	95	92	96	99	99	97	95	90	88	90	95	96	90	86	85	80	83	85	89	89	85	88	89	90	89	91.5
	Minimum	70	69	69	72	63	64	72	63	66	67	69	69	69	67	70	69	59	64	65	57	56	63	64	67	69	68	67	68	65	66	67	66.2
Benton §§	Maximum	97	96	95	95	93	95	92	92	97	98	97	94	94	89	95	95	96	97	89	89	88	80	82	89	93	93	92	91	94	93	95	92.7
	Minimum	68	67	67	70	67	65	70	65	63	71	69	72	71	70	71	69	62	61	69	62	59	65	69	71	69	72	69	69	67	69	69	67.6
Bentonville ***	Maximum	96	95	96	94	94	87	90	86	92	93	95	86	81	83	91	89	92	87	82	85	84	81	84	87	90	90	82	89	89	91	93	88.9
	Minimum	69	69	68	67	69	69	69	66	68	72	72	71	70	69	70	64	62	68	61	55	62	61	58	67	68	67	65	66	68	69	71	66.8
Blytheville	Maximum	100	92	94	92	96	91	96	98	99	101	101	99	94	93	93	92	96	99	88	84	84	86	86	88	90	92	86	85	90	91	93	92.5
	Minimum	71	70	74	71	67	71	75	72	73	74	76	77	72	71	74	71	66	69	68	60	58	66	66	72	73	75	68	71	73	73	74	70.7
Booneville	Maximum	100	92	95	96	96	96	93	94	96	99	104	99	90	91	92	92	92	100	89	90	86	81	89	85	91	90	87	92	90	91	94	92.6
	Minimum	69	70	70	67	69	69	69	65	65	67	68	74	70	70	72	68	64	70	67	60	66	70	63	72	69	73	68	70	68	69	70	68.4
Brinkley	Maximum	97	92	97	96	97	98	95	95	97	101	99	96	97	92	92	93	93	100	86	87	88	88	86	89	94	94	89	90	92	92	93	93.4
	Minimum	73	71	70	72	66	65	73	66	69	73	75	74	72	70	72	73	63	67	69	61	57	65	70	70	72	73	72	68	69	73	69	69.4
Camden	Maximum	97	95	96	96	95	99	93	95	98	100	104	95	95	97	92	97	99	100	95	94	93	88	94	91	95	95	95	94	94	94	93	95.4
	Minimum	74	72	71	68	69	67	69	66	69	71	72	74	73	72	72	73	68	71	72	65	62	66	69	71	70	72	74	69	69	69	69	69.9
Clover Bend	Maximum	97	96	98	95	98	98	97	97	102	100	101	103	93	93	96	95	95	102	88	86	83	84	89	91	91	90	90	89	92	90	94	94.0
	Minimum	68	67	69	64	59	65	66	64	69	68	66	68	67	68	66	63	59	61	64	55	53	60	62	67	65	67	65	66	66	66	73	64.7
Conway	Maximum	104	92	98	96	93	95	98	100	100	107	105	102	96	92	96	97	99	103	92	92	86	85	89	86	98	92	87	93	95	97	96	95.5
	Minimum	72	72	74	74	69	68	70	66	70	73	72	74	74	71	72	72	64	70	68	63	62	68	70	73	73	73	72	70	69	71	72	70.4
Corning	Maximum	102	97	99	97	99	98	96	98	100	104	105	99	90	96	94	95	97	100	89	87	85	86	89	90	92	92	82	88	93	90	95	94.3
	Minimum	73	71	71	68	62	69	71	70	70	72	72	72	66	69	74	67	64	66	64	56	54	64	69	70	70	69	69	70	68	73	70	68.2
Crossett	Maximum	95	87	94	95	94	93	92	95	94	96	98	95	92	95	97	95	96	98	91	89	91	90	91	94	98	96	96	98	93	94	94	94.1
	Minimum	70	71	68	70	67	65	67	62	67	79	71	70	71	71	71	70	69	69	74	61	59	61	67	68	69	70	73	69	67	69	68	68.5
Dardanelle	Maximum	100	97	95	99	98	96	94	96	95	99	100	100	91	93	90	95	94	98	94	89	88	84	88	88	93	90	89	90	91	94	93	93.6
	Minimum	73	72	73	72	69	70	73	69	69	71	72	76	72	71	75	72	66	71	69	62	65	71	70	74	73	70	70	71	71	71	74	70.9
De Queen	Maximum	96	97	95	95	95	94	90	90	93	95	95	92	88	89	94	97	96	98	92	93	90	82	90	85	91	94	90	93	94	98	100	92.9
	Minimum	69	72	69	67	71	69	70	66	65	70	71	71	70	68	68	70	72	72	72	67	65	67	70	72	70	71	73	70	69	71	71	69.6
Devils Knob	Maximum	91	86	86	90	89	87	85	85	89	90	92	91	82	81	84	86	85	89	85	81	75	75	81	79	82	80	78	82	85	85	85	84.5
	Minimum	67	66	71	72	73	71	66	67	67	71	72	72	67	66	75	69	69	71	61	63	63	65	64	69	67	65	63	66	68	68	69	67.8
Dumas	Maximum	100	88	98	97	99	99	99	100	102	104	104	101	99	95	98	96	97	104	90	90	93	92	94	92	100	98	96	96	97	95	97	97.1
	Minimum	75	72	73	73	72	72	70	67	70	72	74	73	74	72	72	72	69	70	73	65	59	67	72	72	72	73	74	69	70	73	70	71.0
El Dorado	Maximum	95	95	93	96	93	94	94	94	96	98	98	96	95	94	96	96	98	100	92	92	92	91	93	91	96	96	95	99	95	95	96	95.0
	Minimum	75	74	76	71	71	72	71	69	72	76	76	75	75	74	73	72	72	71	75	68	66	66	69	70	73	74	76	73	72	72	74	72.4
England	Maximum	90	87	91	85	88	93	87	92	90	95	97	88	92	92	90	90	95	98	92	93	93	91	92	93	97	99	97	92	94	96	95	92.4
	Minimum	62	68	70	66	59	60	69	66	70	75	60	61	63	61	62	64	65	67	59	68	65	65	70	66	66	70	71	72	75	72	70	66.4
Eureka Springs	Maximum	99	91	95	96	95	88	90	88	94	95	95	87	82	86	93	90	93	92	85	86	83	83	85	87	91	88	82	88	87	91	93	89.6
	Minimum	72	67	69	67	68	65	68	65	68	74	74	72	68	68	71	65	66	73	62	55	64	63	58	68	68	65	65	67	67	70	72	67.2
Fayetteville	Maximum	99	95	94	95	97	93	93	88	92	95	97	88	81	83	90	92	92	92	85	88	85	84	86	87	91	90	84	90	88	92	94	90.3
	Minimum	70	69	69	66	67	67	65	64	67	67	70	71	69	67	71	63	59	71	63	52	63	63	57	66	66	69	65	65	66	70	71	66.1
Fayetteville Exp. S	Maximum	97	93	93	94	95	89	91	86	92	95	96	93	82	83	90	90	92	92	84	86	86	84	86	83	89	89	87	89	87	90	94	89.6
	Minimum	70	67	70	68	68	68	67	66	69	71	72	70	70	69	72	64	61	73	62	54	64	69	59	68	68	68	66	67	67	71	71	67.4
Fort Smith***	Maximum	99	86	94	97	99	96	92	89	92	98	99	83	86	88	86	93	93	96	87	88	86	77	86	86	93	92	85	91	92	93	95	90.9
	Minimum	72	72	75	72	75	72	72	70	71	74	74	73	72	72	72	72	70	73	69	64	69	69	64	73	71	76	69	72	72	73	75	71.6
Gilbert§§	Maximum	99	95	97	98	98	97	96	95	98	102	98	95	90	90	95	95	97	96	90	90	82	84	89	90	93	90	82	89	94	93	95	93.3
	Minimum	70	68	68	67	62	61	60	61	63	65	64	65	66	67	70	73	56	61	61	50	63	59	61	64	64	69	65	68	66	65	68	64.2
Grannis	Maximum	95	94	96	94	94	39	90	88	94	96	95	90	90	90	93	96	93	99	87	91	84	88	90	80	89	93	91	93	95	97	96	91.9
	Minimum	65	68	65	65	67	65	67	62	61	66	67	67	67	64	64	67	67	67	67	59	61	67	66	69	67	68	68	65	66	66	67	65.7
Gravette	Maximum	97	98	99	100	98	91	94	88	93	96	98	96	86	87	94	92	95	89	90	89	85	87	85	89	94	92	91	91	95	92	95	92.5
	Minimum	68	68	68	66	69	67	67	65	67	69	71	70	69	68	70	61	64	72	62	52	62	66	57	65	67	69	65	66	66	70	70	66.3
Green Mountain	Maximum	93	88	92	92	90	90	89	91	92	96	98	96	87	86	92	87	87	90	90	84	84	78	78	85	87	87	86	82	85	88	88	88.3
	Minimum	74	69	74	73	72	71	73	70	71	74	76	76	70	68	72	70	72	73	64	63	66	65	62	63	67	66	67	69	70	72	72	69.8
Harrison	Maximum	99	96	96	96	97	93	96	97	101	101	104	94	85	94	96	93	98	98	89	90	85	85	88	89	96	92	85	94	87	94	97	93.7
	Minimum	72	69	70	69	64	68	70	66	68	69	70	75	70	69	73	66	60	68	65	53	59	67	59	66	67	69	66	65	63	70	72	67.0
Helena	Maximum	94	89	93	92	91	93	93	92	93	95	93	94	95	88	92	89	93	94	85	83	86	89	90	91	92	90	87	89	91	90	91	90.9
	Minimum	71	69	72	71	69	69	72	66	70	71	74	72	72	70	70	71	67	70	70	62	58	64	70	71	71	72	69	66	69	72	72	69.4
Highland	Maximum	95	95	94	95	95	94	92	90	94	95	94	91	92	83	90	93	93	94	90	89	88	79	90	85	91	92	90	93	92	91	93	91.4
	Minimum	76	73	74	76	74	74	71	73	68	70	74	74	73	69	69	72	70	73	72	64	67	70	69	73	71	72	74	69	69	70	74	71.5
Hope §§	Maximum	95	92	95	96	94	94	92	82	83	86	96	94	96	89	93	96	99	100	95	93	94	91	93	90	94	95	94	94	95	97	95	93.3
	Minimum	74	73	68	69	71	67	71	66	69	70	71	75	75	72	72	72	70	73	74	66	64	67	67	69	74	74	75	70	69	70	71	70.6
Hot Springs	Maximum	97	91	94	96	98	96	93	95	97	100	99	95	92	91	94	98	97	101	93	93	89	85	90	86	94	95	88	93	94	95	97	94.1
	Minimum	72	71	72	71	71	70	70	69	72	77	76	77	74	70	73	73	68	76	69	65	67	71	71	73	73	69	71	70	71	71	73	71.5

Daily Temperatures for August, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.......§§	Maximum	97	90	95	94	95	91	92	90	92	92	97	91	90	90	92	93	94	102	88	89	85	79	87	81	89	89	85	92	91	91	93	90.8
	Minimum	64	66	65	63	64	63	65	62	61	64	63	71	69	66	65	64	63	69	68	58	62	65	65	67	68	73	70	66	67	69	71	65.7
Jonesboro	Maximum	98	95	97	93	96	95	96	96	98	100	100	98	91	94	94	92	97	99	86	85	86	87	86	90	91	90	86	87	92	92	94	92.9
	Minimum	76	70	74	74	68	70	72	71	73	75	78	77	70	70	73	72	66	72	67	60	58	65	69	71	70	75	69	69	70	72	70	70.5
Lead Hill..........	Maximum	100	97	98	100	101	97	96	96	99	101	102	95	87	91	95	95	97	96	89	90	83	86	88	90	97	91	82	88	93	95	99	94.0
	Minimum	70	69	69	68	60	65	69	63	66	67	67	74	70	70	71	63	60	66	63	51	56	64	62	67	68	69	67	69	65	69	73	66.1
Little Rock..***	Maximum	96	85	92	91	91	93	91	91	93	98	95	93	90	88	91	91	92	96	84	86	88	82	85	85	92	90	84	88	89	91	91	90.1
	Minimum	72	71	73	76	73	72	73	68	74	76	75	76	73	74	75	75	70	74	71	68	66	71	72	72	75	75	71	70	70	74	75	72.6
Little Rock.....*** [Airway]	Maximum	98	86	94	94	92	94	93	93	95	98	98	96	93	92	95	93	96	99	88	86	88	84	88	88	93	93	85	88	91	92	92	92.1
	Minimum	73	72	72	73	70	69	72	67	72	74	75	76	75	72	74	72	66	70	69	66	62	69	72	71	75	75	71	70	70	73	72	71.3
Lutherville........	Maximum	94	91	92	96	93	94	91	91	92	95	97	92	91	88	85	91	92	94	86	86	81	77	86	85	88	85	82	89	92	91	91	89.6
	Minimum	72	70	71	70	67	69	68	66	67	70	72	72	70	69	73	70	64	69	64	61	62	68	65	72	70	67	66	69	69	68	71	68.4
Magnolia..........	Maximum	95	95	96	96	97	95	96	97	100	101	97	95	95	95	97	100	98	100	96	95	94	88	95	93	96	97	94	98	94	98	98	96.2
	Minimum	73	74	70	68	71	68	69	67	70	72	73	75	75	73	75	75	70	75	74	65	64	70	70	72	71	72	64	71	71	76	73	71.2
Mammoth Spring.	Maximum	97	95	97	95	97	95	98	95	99	103	104	100	90	91	96	95	95	98	86	87	86	86	90	88	94	93	80	82	92	95	95	93.4
	Minimum	70	71	71	71	66	70	69	70	70	70	71	72	69	69	73	66	63	64	57	56	56	64	66	66	66	67	68	70	67	70	69	67.3
Marianna.........	Maximum	93	89	95	91	93	94	93	91	94	96	95	94	96	91	91	90	92	97	84	84	88	88	89	90	93	91	82	89	93	91	93	91.3
	Minimum	71	69	71	72	65	66	72	66	68	71	73	72	72	70	70	72	63	66	69	60	58	63	70	69	75	71	72	68	69	72	70	68.9
Marked Tree....§§	Maximum	98	92	97	93	96	97	95	96	97	99	100	101	94	89	91	90	93	95	84	84	85	87	85	91	90	92	80	86	91	90	92	91.9
	Minimum	74	71	72	72	66	69	73	69	71	72	75	74	74	67	71	71	64	68	68	60	57	64	69	71	70	68	70	68	69	72	69	69.3
Mena..............	Maximum	97	91	95	96	95	90	92	89	95	98	97	88	90	90	91	92	97	99	89	90	86	81	89	83	90	90	86	94	93	93	96	91.7
	Minimum	71	70	67	67	70	69	70	66	68	70	70	74	70	69	69	69	69	71	70	62	65	69	68	70	70	73	71	69	69	70	70	69.2
Monticello......***	Maximum	97	80	93	95	93	94	95	94	97	99	99	97	98	95	98	95	96	100	88	87	91	91	91	92	96	97	96	98	94	93	93	94.3
	Minimum	74	73	70	72	70	72	70	..	71	72	73	71	73	73	74	73	71	73	73	66	63	67	70	71	72	72	74	72	..	72	71	71.3
Morrilton ....§§	Maximum	100	94	95	95	93	95	95	95	98	100	100	98	92	90	91	94	93	98	88	88	85	87	86	88	94	89	84	92	92	95	94	92.8
	Minimum	71	71	72	73	66	67	70	66	68	70	71	79	72	69	72	71	63	70	68	62	63	68	69	69	73	74	70	69	68	69	72	69.5
Mountain Home...	Maximum	96	94	95	96	99	98	98	97	99	101	102	98	94	94	95	93	93	95	87	87	81	84	87	88	93	91	82	85	89	93	94	92.8
	Minimum	71	72	70	64	65	64	64	66	68	70	70	72	71	70	74	68	62	66	65	57	58	63	61	68	66	67	68	71	68	69	71	67.1
Mt. Ida	Maximum	97	89	93	97	94	93	92	90	95	99	97	94	94	91	95	94	96	100	90	91	87	82	89	87	92	91	88	93	92	94	94	92.6
	Minimum	66	71	68	64	67	65	68	63	64	66	67	70	72	67	68	68	67	69	70	61	60	65	70	71	69	75	72	70	70	67	69	67.7
Nashville..........	Maximum	96	92	94	96	94	93	91	91	93	95	95	94	93	86	95	94	95	96	91	90	89	79	92	86	93	94	92	95	94	96	94	92.5
	Minimum	73	74	72	70	74	69	71	67	69	73	74	74	73	70	72	73	73	69	75	68	67	70	69	74	71	68	75	70	71	72	73	71.4
Newport...........	Maximum	98	93	96	94	95	96	95	96	99	102	100	96	96	94	92	94	96	99	88	87	86	86	87	90	90	90	83	88	92	92	94	93.0
	Minimum	72	72	72	74	65	69	72	68	72	72	74	76	74	70	74	72	64	65	69	60	58	67	70	72	68	73	72	71	73	73	71	70.1
Oden......... ..***	Maximum	97	97	98	97	96	91	91	89	92	95	95	91	91	91	89	94	94	98	88	90	85	82	88	83	90	89	86	92	91	92	94	91.5
	Minimum	73	67	..	..	..	69	68	66	65	70	70	73	71	68	69	70	67	70	71	64	64	68	70	71	70	74	73	72	71	69	71	69.4
Okay..............	Maximum	95	96	95	96	94	93	92	91	94	98	97	94	95	89	94	96	97	99	94	92	92	85	92	88	94	94	92	95	92	94	95	93.7
	Minimum	73	69	71	68	73	69	71	68	68	71	73	75	75	72	71	72	73	76	74	67	66	71	70	74	75	74	75	70	70	70	72	71.5
Ozark..............	Maximum	102	92	90	96	98	95	95	96	97	100	102	98	83	83	88	97	92	95	93	89	85	81	88	87	93	90	85	90	91	92	94	92.2
	Minimum	68	68	67	66	66	66	66	64	64	66	66	71	68	68	70	64	61	68	63	55	64	66	58	69	67	68	64	67	67	68	70	65.9
Paragould....... .	Maximum	98	94	96	95	95	95	95	96	97	100	100	97	89	92	92	89	92	95	85	82	84	85	85	89	88	88	84	84	90	88	91	91.8
	Minimum	74	69	69	71	66	66	70	69	72	74	73	76	68	69	73	70	64	66	67	59	55	63	63	70	71	79	69	68	..	..	..	68.7
Perryville	Maximum	102	93	97	98	95	96	96	97	100	102	101	99	94	94	92	95	95	103	89	89	88	82	88	88	95	91	89	90	92	95	94	94.2
	Minimum	71	71	73	72	66	68	69	64	68	71	71	72	72	70	71	70	61	67	69	61	60	66	70	72	71	71	70	70	67	70	70	68.8
Pine Bluff.........	Maximum	95	92	92	91	91	92	91	92	94	97	96	93	94	89	92	92	93	97	85	90	88	85	90	89	97	97	90	89	95	96	95	92.2
	Minimum	72	70	74	75	73	73	73	70	73	75	77	76	74	74	75	76	70	74	73	68	64	70	72	74	75	75	74	71	71	73	73	72.8
Pocahontas.......	Maximum	100	97	100	98	100	98	97	98	99	103	104	100	90	95	98	94	96	98	94	86	85	84	85	90	90	90	89	87	91	90	92	94.1
	Minimum	73	70	71	72	69	71	71	67	70	71	72	75	68	69	73	69	64	65	65	60	55	63	69	70	71	69	67	69	68	72	69	68.6
Portland	Maximum	94	87	92	94	92	93	92	92	94	95	97	95	94	95	94	93	93	96	89	85	88	90	92	91	92	94	93	95	91	92	92	92.5
	Minimum	74	72	70	73	70	72	69	67	70	73	74	72	73	73	72	74	72	72	73	64	62	64	62	71	70	71	70	68	68	68	68	70.0
Prescott...........	Maximum	97	97	95	96	95	95	94	95	96	99	98	97	97	94	94	96	96	101	96	91	92	89	92	89	96	95	95	95	95	96	96	95.1
	Minimum	75	74	71	70	73	69	71	66	70	74	75	76	75	74	73	74	71	74	74	68	66	70	70	74	74	74	76	71	71	70	72	72.1
Rogers	Maximum	99	97	96	97	97	90	92	87	87	94	94	86	77	83	91	87	92	91	83	86	80	84	85	85	86	90	82	88	90	91	92	89.0
	Minimum	70	68	69	67	69	67	67	65	65	69	71	70	70	67	70	64	61	70	63	55	62	64	58	66	66	68	65	67	67	69	71	66.5
Russellville.	Maximum	100	93	95	99	98	97	95	97	99	102	103	100	92	93	94	95	95	98	98	91	86	84	90	90	94	94	92	93	95	95	95	94.9
	Minimum	70	71	70	71	67	68	69	65	65	66	69	72	71	69	71	68	72	66	65	60	61	68	66	71	70	66	67	69	68	70	70	68.1
St. Charles ......§§	Maximum	98	93	96	94	95	95	94	95	97	100	98	96	96	93	95	94	94	99	86	87	89	89	90	90	94	95	85	91	92	91	91	93.3
	Minimum	73	70	71	72	68	69	71	67	70	73	75	72	73	71	70	72	66	68	69	63	59	64	69	71	71	72	73	68	69	72	70	69.7
Searcy	Maximum	99	92	98	95	96	97	97	96	98	102	100	98	98	93	92	94	96	99	87	87	88	85	88	89	93	93	87	92	93	95	95	93.9
	Minimum	72	71	71	74	65	66	71	66	69	71	72	74	74	70	73	72	62	65	67	60	58	65	68	71	71	72	73	68	69	70	69	69.0
Stuttgart	Maximum	100	90	95	93	93	95	93	94	96	98	100	96	96	94	95	94	95	101	86	87	88	89	88	92	96	96	88	90	92	92	94	93.4
	Minimum	72	68	71	73	70	70	71	67	70	74	74	73	73	72	72	73	66	69	70	64	61	66	70	72	73	72	73	68	70	73	70	70.3
Stuttgart (near).§§	Maximum	95	87	94	92	92	94	92	91	94	96	94	93	94	93	92	92	93	94	84	85	87	86	87	88	93	93	86	90	91	91	92	91.1
	Minimum	72	64	72	74	70	70	72	68	70	73	74	73	73	69	72	72	66	69	71	64	59	65	70	71	73	72	74	69	70	73	70	70.3
Subiaco	Maximum	99	94	93	96	96	95	94	95	95	100	101	94	89	95	93	95	95	..	..	..	..	..	89	85	92	90	85	91	92	92	95	93.5
	Minimum	73	69	72	70	69	69	68	67	66	71	72	75	70	66	71	70	64	..	..	..	..	..	63	71	69	71	66	69	69	68	72	69.2
Texarkana	Maximum	98	96	93	95	95	94	93	93	95	97	98	96	95	91	95	96	97	101	96	95	93	84	93	91	96	97	93	99	95	94	96	94.8
	Minimum	72	72	70	67	69	68	70	67	67	72	72	73	73	71	71	73	72	74	73	66	67	72	68	72	73	72	72	72	70	71	72	70.7
Turnpike..........	Maximum	87	86	86	89	89	88	88	87	90	91	91	87	85	81	82	87	88	89	83	80	75	72	81	80	84	82	79	85	85	86	86	84.8
	Minimum	73	66	72	75	73	72	67	66	69	74	74	73	68	67	69	69	69	71	60	61	63	65	67	69	66	65	62	66	69	69	70	68.4
Waldron	Maximum	103	98	97	98	98	98	95	93	97	98	99	96	92	92	92	93	96	100	94	89	86	95	89	..	91	91	88	103	93	95	102	94.7
	Minimum	69	70	69	65	67	68	68	66	64	67	68	74	70	70	70	68	65	70	69	60	63	68	65	..	70	73	67	69	67	67	69	67.8
Warren	Maximum	96	91	94	96	93	95	92	94	96	98	98	95	95	92	97	94	97	98	92	90	91	88	92	91	97	97	95	95	96	95	95	94.4
	Minimum	77	75	73	73	72	71	71	69	72	76	76	74	75	75	75	76	70	74	70	66	62	69	71	73	74	74	77	75	72	72	72	72.6
White Rock	Maximum	94	89	89	91	90	88	85	84	86	89	92	88	81	81	83	87	86	90	83	83	78	75	82	80	85	86	81	84	87	86	87	85.5
	Minimum	71	64	72	70	71	71	68	65	65	69	71	72	66	67	68	70	68	70	61	64	64	64	62	67	66	63	60	62	68	68	69	67.0
Wilson	Maximum	99	94	95	89	93	95	94	93	93	100	100	98	93	93	92	93	92	96	86	85	85	85	85	90	90	91	86	86	91	90	90	91.7
	Minimum	75	71	73	70	67	68	70	71	71	74	75	76	70	70	72	71	66	64	68	60	58	65	70	70	71	74	69	69	70	72	71	69.7
Wynne	Maximum	96	90	95	93	95	97	95	97	99	101	101	98	92	92	92	89	94	97	86	84	89	88	86	90	92	92	85	86	91	92	91	92.4
	Minimum	72	70	71	71	63	65	72	67	69	72	75	74	74	69	71	71	63	68	69	60	56	65	70	70	72	72	74	59	69	72	70	68.9

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for August, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	....	.470	.308	.416	.272	.260	.229	.241	.330	.170	.280	.239	.222	.268	.020	.410	.298	.743	...	.263	.252	.224	.004	.236	.150	.351	....	....	....	.186	.256	7.161
	Mean tem.	84	82	82	82	82	82	74	76	78	84	86	80	82	84	82	84	84	86	84	80	79	79	80	80	84	84	84	82	82	84	83	82.0
	Wind move	49	45	25	21	32	7	25	23	11	37	16	42	14	35	36	55	25	26	38	28	16	15	20	24	20	35	41	53	19	6	19	858
Irons Fork,... §§ Exp. Forest	Evap.	.149	.206	.071	.084	.162	.223	.137	.157	.132	.180	.102	.219	.117	117	.172	.158	.201	125	.259	.209	.172	.078	.022	.089	.039	.125	.055	.074	.154	.101	.096	4.185
	Mean tem.	82	78	80	78	80	77	78	76	76	78	80	81	80	78	78	78	78	86	78	74	74	72	76	74	78	81	78	79	79	80	82	78.2
	Wind move	9	4	3	4	6	7	5	10	11	10	4	16	11	8	15	9	9	6	14	8	7	5	0	2	8	18	4	6	2	4	4	229
Russellville,... Ozark Nursery.	Evap.	.390	.198	.286	.172	.298	.258	.326	.256	.250	.250	.416	303	.113	167	.228	.240	.212	.222	.244	.282	.164	.076	.006	.154	.220	.270	.094	.142	.212	.206	.318	6.973
	Mean tem.	85	82	82	85	82	82	82	81	82	84	86	86	82	81	82	82	84	82	82	76	74	76	78	80	82	85	74	80	82	82	82	81.5
	Wind move	24	33	24	20	26	23	39	32	35	25	21	42	25	18	38	13	12	11	31	19	22	12	2	21	22	38	30	25	5	29	17	734
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.273	.189	.113	.207	.184	.190	.205	.221	.213	.234	.227	.231	.197	.270	.115	.220	.220	.193	.154	.174	.206	.157	.097	.115	.101	.226	.215	.084	.150	.170	.193	5.744
	Mean tem.	84	78	83	83	81	82	82	80	82	84	84	83	84	81	82	82	80	82	78	74	73	76	78	80	83	82	80	80	80	82	81	80.7
	Wind move	48	79	21	5	14	6	10	24	20	19	13	51	45	31	52	57	30	0	50	18	14	3	20	12	34	65	56	27	8	8	17	857

Daily Precipitation for August, 1941 Additional Rainfall Stations

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott [2]	Arkansas									.55				1 44	.08					.35		.28	.44				.45			1.35			4.94
Antoine(near) [2]	Ouachita																																
Beaty Lake(near)	St. Francis	1.50	.39												.35				.11	1.65					.15	.18		.42	.35				5.10
Beech Grove(near)	White	.05	.18					.48						1.60						.43				.40	.06	.15		1.18			1.32		5.85
Beedeville [2]	White														.44	.56				.91				.06		1.02	1.04	.01	1.57				5.61
Blue Mountain [2]	Arkansas										.30			.45		.20			.30									.40					1.65
Bluff City [2](near)	Ouachita																																
Booneville	Arkansas		.21						T.	T	T.			2.06	.31	.30				.43		.31	.98		T.	.14	.05	T.			.30	.18	5.27
Brinkley [1]	White																																
Cabot [2]	Arkansas	.50												.10	.20					.90													
Camp Alton	Ouachita			1.32		.06									1.99					.10					.65				.21	.53			4.86
Camp Damascus [2]	Arkansas	.23					.69						.05	.32					.23					.20	.95		.20	1.41		.70			4.98
Carlisle	Arkansas		2.34		.14										.82	.01				1.79				.16	.09	.36			1.48			1.08	8.27
Charlotte (near)	White													12						1.74			.20			.58		1.25					3.89
Clay SCS [2]	White																																
Corley [2] (near)	Arkansas		1.05											1.13	.58					.58				.58		.08						.87	4.87
Denmark [2]	White			T.											.27	.12				.58					.07	1.09	.01		.16			.68	2.98
Dermott [2]	Mississippi		.09	.05										.45	.46	.67				.18						1.30		.02	.02	.01			3 25
Eagle Gap [2]	Arkansas				.23				T.	.20		.49		2.31						.18				.17	T.	.25	.28	.50	.08				4.69
Eleven Point [2]	White													.15						.91						.13		2.65	.71				4.55
Evening Shade [2]	White	.01	.14											.67	.05	.14				.71			.01	21	.01	01	.07		.05				2.08
Forrester [2]	Arkansas		T.						T.	T.				.70						40				T.	T.				.40				1.50
Gravelly [2]	Arkansas				.59										.42					.90				.30					.64	T.	.74		3.59
Green Forest [2]	White																																
Greenwood [2]	Arkansas		.04				.03		.03	.02				.08	.42	.23				.32				.28		.04	.03	T	.69			.37	2.58
Harrisburg [2]	St. Francis														30	.10			.99						.12	85	2.45	42					5.23
Hollis (near	Arkansas		.96					.05						.13	.85				25	.50			.67	01		.08	.05	80					4.35
Hon [2] (near)	Arkansas				.15						.73	.10	1.35	.20									.74					.55					3.82
Huttig [2](near)	Ouachita					.10		.05					1					.06		.15										1.70			2.06
Jacksonville [2](near	Arkansas	.65												.08	.23					78													
LaCrosse [2]	White	.13							.04					.21	.20			.32		.11				1.10		.09	.12						2.32
Lake City [2]	St. Francis		.18														.10		.77					.32		.17	.24	.08	.32	.15			2.33
Marshall [2]	White		.10											.14	2.43					.71				.31		.72		.72		59			5.72
Marvell [2]	White																																
Mena CCC	Red	.05		.04				.16	.26					.06	.28	.35				1.36					.38							.04	2.98
Morobay [2] (near)	Ouachita			.11		.07											.08			.15					.25					.69	.14		1.49
Mountain View [2]	White										.06	.09		.19	1.04	T.	.03			4.25				.23	.18	.29	.30	.20	32				7.18
Newhope(near) [2]	Ouachita									.36					1.30	.40				.45				.13	.10	T.		.18				T.	2.92
Odell (near) [2]	Arkansas		.66			.46			.85	.17				.52	.43	1.00										.56		.87					5.52
Osage Mills.(near)	Arkansas	.19		.12		.11		1.01	.15				.39	.23								.07	.94	.03			.05	.88					4.17
Pottsville [2](near))	Arkansas	1.50											.37	.77						.40							.30	.70	.80		.40		5.24
St. Paul [2](near)	White		.66	.22	.06				.06					1.51	.84	.05							.06	.08		.02	.15	.66				.04	4.41
St. Vincent	Arkansas		26					.92						.96	.20								.16				.16	.57	1.09				4 32
Shirley [2](near)	White		.25	.31											.09	.23	.20			.97				T.		1.20		.05	43				3.73
Solgahachie (near)	Arkansas		.27					.79					.29	.71	.15	.76				.39			.18	.62			.80	.77					5.23
Sparkman [2](near)	Ouachita			.12		.24										.20				.06						1.15			.65	.30			2.72
Stamps (near)	Red						.03													.11			.19		.09					1 52	.04		1.98
Stephens [2] (near)	Ouachita			.01	.33	T.																		.34						1 79	.40		2.87
Sugar Grove [2]	Arkansas		.10								1.20			1.50						1.30				.20					.40	.80	1.00		6.50
Texarkana	Red																																
Tichnor [2]	White		.20	.02										.04		.55				.21				.50		.21			.61	1.01	.05		3.40
Vick [2]	Ouachita																																
Walnut Grove	White													.49						1.03			.08	.44		17		1.35					3.56

Daily River Stages for August, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.2	7.4	7.2	7.1	6.7	6.6	7.0	6.8	7.0	7.2	7.0	6.8	6.6	6.6	6.6	6.6	6.5	6.4	6.6	6.2	6.0	6.0	6.0	6 5	6.0	6.2	7.8	8.0	10.0	10.1	9.5
Van Buren	do	22	7.7	6.5	6.0	5.9	5.4	5.4	5.8	5.6	5.8	5.9	5.8	5.5	5.4	5.4	5.4	5.4	5.3	5.1	5.4	4.9	4.6	4.4	4.4	5.0	4.8	4.6	6.8	6.8	9.5	9.8	9.5
Danville	Petit Jean	20	3.0	2.8	2.8	3.0	3.0	3.0	3.0	2.7	2.7	2.6	2.6	2.6	2.6	5.0	5.6	3.7	3.2	3.0	2.9	3 0	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7
Ozark	Arkansas	22	4.5	3.3	2.2	2.1	2.0	1.8	1.8	1.9	2.0	2.1	2.1	2.0	1.8	1.8	1.8	1.9	1.8	1.7	1.6	1.6	1.4	1.3	1.3	1.2	1.5	1.4	2.0	2.8	3.2	5.2	5.2
Dardanelle	do.	22	8.7	6.9	5.8	5.1	4.9	4.6	4.2	4.2	4.4	4.5	4.6	4.7	4.6	4.4	4.4	4.3	4.3	4.2	4.3	4.1	4.0	4.0	3.6	3.6	3.4	3.8	3.8	5.2	5.6	6.5	8.1
Morrilton	do.	20	5.2	3.5	2.0	0.9	0.2	0.0	-0.4	-0.6	-0.6	-0.4	-0.4	-0.3	-0.2	-0.3	-0.5	-0.5	-0.4	-0.6	-0.7	-0.6	-0.8	-1.0	-1.2	-1 3	-1.4	-1.2	-0.9	-0.4	1.0	1.1	3.6
Little Rock	do.	23	4.6	6.1	5.0	3.9	3.2	2.7	2.5	2.2	2.1	2.2	2.3	2.2	2.2	2.4	2.3	2.1	2.1	2.1	2.2	2.0	2.0	1.9	1.9	1.7	1.6	1.6	1.6	1.8	2.3	3.2	3.4
Pine Bluff	do.	25	6.3	9.2	9.5	8.4	7.5	6 7	6.2	5.9	5.7	5.6	5.6	5.7	5.7	5.7	5.8	5.7	5.6	5.5	5.5	5.6	5.4	5.4	5.4	5.8	5.1	5.0	4.9	5.2	5.2	5.7	6.6
Gilbert	Buffalo	30	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2 9	2.8	2.8	2 8	2.8	2.8	2.9	2.9	2.9	2.9	2.9
Black Rock	Black	14	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.2	1.1	0.9	0.9	0.9	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.2	2.0	1.5	1.3	1.2
Heber Springs	Little Red	30	2.6	2.4	2.3	2.2	2.2	2.2	2 1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	5.1	4.9	4.0	3.5	3.2	3.0	2.9	5.1	4.3	3.9	4.1	3.8
OzarkBeachMo	White	30	1.1	-0.6	-0.6	-0.6	-0.6	0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0 6	-0.6	-0.6	0.6	-0.6	-0.6	0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
Cotter	do	21	1.9	1.8	1.7	1.7	1.4	1.2	1.4	1.7	1.6	1.5	1.4	1.2	1.2	1 4	1.2	1.1	1.0	1.2	1.6	1.4	1.6	1.5	1 5	1.6	1.6	1.4	1.0	0.9	1.2	1.7	1.6
Calico Rock	do	18	1.2	1.1	0.9	1.0	0.9	0.6	0.5	0.8	0.8	0.8	0.7	0.7	0.5	0.4	0 5	0.7	0.4	0.3	0.6	1.0	0.5	0.6	1.1	1.7	1.8	1.7	1.7	0.4	0.6	0.9	0.9
Batesville	do	23	5.2	5.0	4 9	4.7	4.7	4.7	4.4	4.3	4 5	4.6	4.6	4.7	4.6	4.5	4.5	4.3	4.3	4.2	5.8	4.6	4.6	4.4	4.4	4.8	4.6	4.7	4.5	4.4	4.2	4.4	4.6
Newport	do	26	0.4	0.2	0.0	0.0	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.9	0 9	0.9	0.9	0.9	0.9	0.9	1 0	0.2	0.5	0.6	0.6	0 6	0.6	0 6	0.5	0.2	0.3	0.4
Georgetown	do	21	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.0	0.0	-0.2	-0.5	-0.5	-0.6	-0.6	-0.6	-0 6	-0.6	-0.6	-0.6	-0.7	-0.7	-0.3	0.2	0.1	-0.1	-0.2	-0.2	-0.1	-0.1	0.1	0.2
Des Arc	do	24	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.4	2.3	2.1	2 0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1 8	1.7	1.9	2.3	2.5	2.4	2.2	2.2	2.2	2.1	2.3	2.7
Clarendon	do	26	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	6.9	6.7	6.5	6.4	6.3	6.2	6.2	6.2	6.1	6.1	6.2	6.2	6.1	6.0	6.1	6.5	6.7	6.7	6.6	6.6	6.7	6.7	6.7
St. Charles	do	25	7.8	7.9	7.8	7.8	7.8	7.8	7.7	7.6	7.5	7 4	7.2	7.0	6.9	6.8	6.8	6.8	6.7	6.6	6.8	6.8	6.7	6.6	6.6	6.7	7.0	7.1	7.1	7.2	7.1	7.1	7.1
Glenwood	Caddo	..	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5 3	5.2	5.2	5.2	5.2	5.3	5.3	5.2	5.2	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.3	5.3
Arkadelphia	Ouachita	17	4.0	4.0	4.0	3.8	3.7	3.9	4.0	4.0	3.8	3.7	3.7	3.5	4.0	4.0	3.8	3.5	3.8	3.5	3.5	3.7	3.5	3.5	3.6	3.6	3.5	3.7	3.5	3.6	3.6	3.6	4.6
Boughton	Little Mo.	20	4 1	4.0	3.9	3.8	3.9	4.3	3.9	3.8	3.6	3.6	3 5	3.5	3 4	3 4	3.6	3 6	4 2	4.0	3.8	3.6	3.4	3.4	3.3	3 3	3.3	3.3	3.3	3.2	3.3	3.2	3.2
Camden	Ouachita	26	4.9	4 5	4.3	4.3	4.2	4.2	4.0	4 3	4.3	4.2	4.0	4.0	3.9	3.8	4.0	4.2	4.2	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.0	4.1	3.9
Benton	Saline	20	3.7	5.3	5.6	5.5	5.0	4.6	4.3	4.1	3.9	3.8	3.7	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.2	3.2	3.4	3.3	3.3	3.6	3.9	4.4	4.2
Index	Red	25	9.2	9.2	8.8	8.8	8.7	8.6	8.6	8.6	8.6	8.4	8.4	8.4	8.4	11.0	9.0	9.0	9.0	8.9	8.8	8.6	8.5	8.4	8.4	8.5	8.6	8.6	8.4	8.3	8.2	8.2	9.2
Fulton	do	25	7.4	7.2	7.0	7.0	6.9	6.7	6.7	6.7	6.7	6.6	6.4	6.4	7.4	9.3	8.8	7.8	7.1	6 8	6.8	6.6	6.4	6.2	6.1	6.1	6.3	6.4	6.2	6.1	6.2	6.1	10.1
Big Lake Outlet	St. Francis	10	3.9	3.8	3.6	3.4	3 3	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1
St. Francis	do	18	2.7	2.7	2 8	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.6	2.8	2.7	3.0	3.2	2.9	2.7	2.7	2.7	2.9	3.0	3.1	3.1	3.4	3.5	3.5
St. Francis L.L.	do	..	14.6	14.7	15.1	15.4	15.2	14.9	14.6	14.2	14.9	14 4	15.5	14 3	15.4	15.9	16.5	15.1	14.5	14.1	15.3	16.0	16.0	14.5	15.3	16.0	15.7	14.1	15.5	14.5	14.1	14.3	14.2
Marked Tree	do	17	1.8	1.9	1.9	2.3	2.3	2.1	1.9	1.8	0 6	1.9	0.5	1.8	0.2	0.3	0.1	2.5	1.4	1.7	0.3	0.1	0.7	2.4	0.5	0 2	2.5	2.0	0.5	2.3	1.9	1.9	1.9
Parkin	do	28	1.8	1.8	1.9	1.9	2.0	2 0	2.0	1.9	1.7	1.3	1.5	1.4	1.4	1.5	1.1	0.7	1.4	1.7	1.5	1.4	0.8	1.0	1.7	1.5	1.0	1.3	2.0	1.6	1.4	1.8	1.7
Madison	do	32	0.1	0 8	0.5	0 3	0.3	0.3	0.4	0.3	0.3	0.1	0.0	-0.2	-0.1	0.0	-0.1	0.0	-0.5	-0.5	1.7	0.7	-0.5	-0.2	-0.3	0.0	0.3	-0.1	0.0	0.6	0.4	0.0	0.2
Helena	Mississippi	42	7.8	7.0	6.6	6.2	6.4	6.9	6.9	6.2	5 2	4.7	4 2	3.2	2.6	2.3	2.0	1.6	1.6	2.0	2.2	2.8	3.8	4.3	4.9	5.2	4.8	4.4	4 1	3.8	3 1	2.6	2.8
Arkansas City	do	42	7.3	5.8	4.6	4.5	4.3	4.0	4.0	3.8	3.4	2.6	2.1	1.6	0.8	0.2	-0.2	-0.5	-0.8	-1.0	-0.8	-0 7	-0.4	0.2	0.8	1.3	1.7	1.6	1.3	1.1	0.9	0.4	-0.1

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Bethesda, Batesville; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

Weather Bureau Office, Little Rock, Ark. 9-23-41-1150

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVI LITTLE ROCK, ARK., SEPTEMBER, 1941 No. 9

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GENERAL SUMMARY

September was slightly warmer and wetter than normal for the State as a whole. The mean temperature was 75.4° which is 0.9° above the seasonal average. Magnolia was the warmest station, with a mean temperature for the month of 79.6°, while Devils Knob, whose temperature averaged 70.4°, was the coolest station. The majority of stations reported their highest temperatures on the first day of the month. DeQueen with a temperature of 102° on the 5th, had the highest recorded temperature during September. All stations experienced their coolest weather on the 26th and 27th, when minimum temperatures of 50° or lower were observed in most sections. The temperature dropped to 39° at Gravette on the morning of the 26th.

Precipitation totaled 3.60 inches in September for the State as a whole, which is 0.29 inch above the 51-year average. Amounts varied considerably over the State, with the western half recording the largest amounts. The largest monthly amount reported from an individual station was 8.71 inches at Mt. Ida CCC, the least was 0.07 inch at Wilson. The greatest rainfall in 24 hours was 4.75 inches at Harrison on the 24th. Most stations measured their heaviest rains on the 24th, when a tropical storm moved northward over the State from he Gulf of Mexico. Approximately one third of the stations reported over two inches of rain during the passage of this storm. The storm caused fresh to strong winds throughout the State but no damage of importance was reported. At Little Rock. the wind reached a velocity of 34 miles per hour for a five minute period, with gusts of 38 miles per hour. All sections of the State considered, there were five days with a measureable amount of rain. Many stations reported rain on only one day after the 9th of September. Sunshine was ample, averaging 71% of the possible amount. The rivers in Arkansas were well below flood stages during the entire month.

September weather was generally favorable for the growth and harvesting of crops. Early corn was being gathered durng the first two weeks. Late corn advanced normally. The howery weather during the first ten days retarded the picking of cotton, resulted in numerous cotton pests and caused some otting of bolls. After the 10th bolls opened rapidly and pickng made good progress, except for some delay by the storm of he 24th. The harvesting of early varieties of rice began durng the first part of the month, with late varieties being cut ear the close. The crop sustained some damage from high winds on the 4th and 24th. Pastures held up well for the seaon, except in the drier eastern sections. Good yields of apples and grapes were gathered. As the month ended, a few late arieties of apples remained to be picked.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville..	30.00	30.35	29	29.39	24	6.8	19	w.	22	..	..	..	68
Fort Smith..	29.96	30.25	29	29.40	24	7.3	43	nw.	5	82	58	57	67
Little Rock..	30.01	30.30	29	29.25	24	7.6	34	w.	24	91	62	72	75
Memphis	30.02	30.31	29	29 40	24	6.9	33	sw.	24	84	54	62	74

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog.	2	1	4	1	2	..	..	.	1	1	1	..	..	1	1	..	..	1	..	..	..	..	..	1	..	2	1	..	2	..
Light hail	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	..	..	.		..
Moderate hail .	..	..	..	..	.	..	..	..	..	..	..	..	..	..	.	..	..	..	..	.	..	..	..	..	..	..	..	..	.	.
Thunderstorm .	9	7	9	5	13	.	1	2	21	2	..	.	..	.	2	4	2	..	..	.	..	.	..	3	1	.	.	..	..	.

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891............	73.4	102	40	0.94	0	2	22	6	2
1892............	70.8	96	32	2.14	0	3	23	4	3
1893............	74.0	103	36	3.75	0	5	19	5	6
1894............	73.1	100	38	3.56	0	6	14	8	8
1895............	77.1	105	32	1.36	0	4	19	7	4
1896............	73.3	106	35	3.25	0	10	11	9	10
1897............	76.6	108	33	0.60	0	2	21	7	2
1898............	75.2	104	40	7.35	0	8	15	6	9
1899............	71.9	109	28	1.21	0	3	20	7	3
1900............	78.0	104	48	4.25	0	7	12	12	6
1901............	72.6	101	32	3.08	0	4	18	8	4
1902............	68.4	99	30	5.06	0	8	15	8	7
1903............	70.7	102	34	2.47	0	5	18	7	5
1904............	75.4	101	37	2.46	0	5	15	9	6
1905............	74.2	100	44	3.90	0	8	16	7	7
1906............	75.7	100	47	6.24	0	10	11	9	10
1907............	73.9	106	38	2.22	0	4	19	8	3
1908............	73.4	101	29	4 00	0	7	13	8	9
1909............	74.7	108	31	2 84	0	5	18	7	5
1910............	76.4	101	44	2.41	0	5	18	8	4
1911............	79.0	102	46	3.67	0	6	18	9	3
1912............	78.5	106	32	2.40	0	4	18	8	4
1913............	71.7	108	33	10.10	0	13	9	9	12
1914............	74.4	101	38	3.19	0	5	16	9	5
1915............	74.9	100	34	1.43	0	3	16	8	6
1916............	72.5	102	30	3.40	0	6	19	6	5
1917............	71.8	99	37	1.76	0	4	18	7	5
1918............	67.3	104	29	4.63	0	7	16	5	9
1919...	74.6	108	40	2.72	0	4	15	8	7
1920...	74.9	100	30	3.56	0	6	17	6	7
1921...	79.6	104	35	3.38	0	6	14	9	7
1922............	76.2	106	37	1.25	0	3	22	5	3
1923............	73.0	98	45	5.56	0	9	12	7	11
1924............	69.7	103	29	3.99	0	7	17	5	8
1925............	80.5	113	47	5.96	0	7	16	7	7
1926............	76.8	101	40	3.99	0	7	14	8	8
1927............	75.9	105	32	3.37	0	6	16	8	6
1928............	70 5	101	32	0.45	0	1	22	5	3
1929............	73 4	102	41	2.46	0	5	15	8	7
1930............	75.7	106	35	4.10	0	8	15	8	7
1931............	78.4	102	34	1.00	0	3	22	7	1
1932............	73.8	103	35	2 54	0	6	12	10	8
1933............	78.5	102	41	5.10	0	8	15	8	7
1934............	71.3	100	37	5.46	0	8	15	7	8
1935............	72.4	103	35	3.13	0	5	18	5	7
1936............	78.9	109	38	4.15	0	7	12	10	8
1937............	72.7	102	34	4.27	0	7	16	8	6
1938............	75.7	107	32	1.55	0	4	17	10	3
1939............	79.9	112	35	1.77	0	2	22	6	2
1940............	71.2	100	31	1.83	0	4	17	7	6
1941............	75.4	102	39	3.60	0	5	15	9	6
Period.......	74.5	113	28	3.31	0	6	17	7	6

Correction for Climatological Data:--Newport, Arkansas, river stages on July 11, 12, 25 to 28, inclusive, and August 5 to 31, inclusive, should be preceded by a minus, (−).

Climatological Data for September, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	74.9	......	92	1§	48	26§	35	2.19	......	1.25	0.0	7	5	19	6	w.	L. R. Water Works
Arkadelphia	Clark	200	45	77.2	......	99	19	42	27	42	2.46	−0.88	1.15	0.0	7	17	5	8	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	1.62	−1.33	0.68	0.0	6	15	10	5	......	George W. Reitzammer
Batesville Airway	Independence	363	4	75.0	+ 2.4	96	1	45	27	41	4.27	......	1.73	0.0	6	7	14	9	se.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	4.07	+0.32	1.87	0.0	5	15	8	7	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	72.8	− 1.4	92	17§	42	26	37	4.45	+1.25	2.40	0.0	6	13	10	7	s.	Minnie Scanlan
Benton	Saline	285	5	75.0	......	95	19	44	27	42	1.83	......	1.49	0.0	5	18	9	3	sw.	S. A. Burks
Bentonville	Benton	1295	35	71.4	+ 0.6	91	3	44	26	33	4.97	+1.29	1.54	0.0	9	7	15	8	s.	U. S. Weather Bureau
Bethesda †	Independence	500	1	73.4	......	92	1	44	27	38	2.93	......	1.71	0.0	4	9	19	2	se.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	0.31	......	0.15	0.0	3	18	6	6	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	1.58	−2.37	0.83	0.0	5	20[a]	3[a]	6[a]	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	76.8	+ 2.4	96	1	47	26§	40	0.25	−3.20	0.08	0.0	4	21	9	0	s.	Maureen K. Norris
Booneville (near)	Logan	465	26	75.6	0.0	94	1§	44	26	35	4.90	+1.87	3.40	0.0	3	14	11	5	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	2.76	......	1.61	0.0	4	13	5	12	......	Ruby A. Buie
Brinkley	Monroe	205	49	75.9	+ 1.1	96	29	43	27	42	1.32	−2.66	0.59	0.0	7	17	10	3	se.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	5.47	+2.10	3.40	0.0	5	8	6	16	......	William Jones
Camden	Ouachita	116	55	77.8	+ 2.3	100	20	47	27	43	3.54	+0.33	1.40	0.0	6	16	4	10	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	0.83	−2.61	0.42	0.0	5	16	6	8	s.	R. M. Wheatley
Clinton †	Van Buren	516	19	......	......	......	......	......	......	......	5.14	+1.46	3.40	0.0	3	8[a]	18[a]	3[a]	sw.	Doyle G. Love
Clover Bend	Lawrence	235	..	73.6	......	96	1	41	26§	47	1.78	......	1.13	0.0	4	13	16	1	s.	Farm Security Adm.
Conway	Faulkner	309	57	77.9	+ 2.6	98	1	48	26	39	2.35	−1.12	1.35	0.0	5	18	10	2	s.	F. E. Cerdrey
Corning	Clay	293	47	75.2	+ 2.6	96	1§	42	26	44	1.88	−1.76	0.75	0.0	6	20	7	3	sw.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	6.01	+2.60	4.37	0.0	3	11	14	5	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	76.6	+ 1.1	95	6§	47	27	43	3.40	+0.78	1.59	0.0	5	18	5	7	e.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	3.60	+0.21	3.01	0.0	5	6	18	6	......	J. M. Patterson
Dardanelle	Yell	330	54	77.0	+ 1.8	95	1§	48	26	35	3.82	+0.53	3.05	0.0	4	8	16	6	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	78.2	......	102	5	46	26	36	1.79	......	1.51	0.0	3	12	14	4	se.	W. A. Douthit
Des Arc	Prairie	204	2	75.6	......	95	9	45	27	40	1.88	......	1.06	0.0	7	13	6	11	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	70.4	......	86	1	46	26	24	5.12	......	3.42	0.0	5	15	5	10	se.	U. S. Forest Service
Dumas	Desha	162	35	73.2	+ 2.1	98	8§	47	27	43	2.72	−0.17	1.18	0.0	6	7	16	7	s.	Ben Johnson
El Dorado	Union	270	40	78.5	+ 1.3	96	28	53	26§	36	4.19	+1.64	1.90	0.0	4	17	9	4	se.	Mrs. E. W. Gaston
England	Lonoke	229	34	75.6	+ 0.2	95	6	46	27	37	3.34	−0.43	1.50	0.0	6	17	10	3	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	72.0	0.0	91	3	42	26	33	8.01	+3.79	2.40	0.0	9	17	9	4	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	72.8	......	91	1§	41	26	36	4.60	......	1.48	0.0	8	4	18	8	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	72.9	+ 0.8	92	1§	42	26	32	3.80	+0.25	1.31	0.0	9	13	14	3	s.	University of Arkansas
Fort Smith	Sebastian	448	59	76.8	+ 2.8	96	1	50	26	32	3.30	+0.31	1.37	0.0	5	11	10	9	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	3	......	......	......	......	......	......	......	4.26	......	1.94	0.0	5	8	13	9	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	3.96	+1.31	3.05	0.0	5	14	6	10	......	T. J. Logan
Georgetown	Woodruff	200	28	......	......	......	......	......	......	......	1.52	−2.37	0.66	0.0	5	19[a]	2[a]	8[a]	......	C. G. Long
Gilbert	Searcy	600	15	71.4	......	95	1	43	26§	39	5.28	+0.95	3.26	0.0	4	17[a]	3[a]	9[a]	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	8.22	......	3.50	0.0	7	14	2	14	......	Chas. A. Price
Grannis	Polk	950	21	74.4	+ 0.8	95	1	43	21	37	4.87	+0.05	3.19	0.0	8	10	14	6	se.	W. E. McVay
Gravette	Benton	1250	43	73.6	+ 3.8	95	3§	39	26	37	5.46	+1.75	1.76	0.0	10	19	7	4	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	3	73.6	......	88	1§	46	26	25	6.20	......	3.40	0.0	6	17	9	4	se.	U. S. Forest Service
Harrison	Boone	1052	40	73.8	+ 3.6	95	3	42	26	34	6.37	+2.34	4.75	0.0	7	19	5	6	se.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	4.84	......	2.56	0.0	5	17	9	4	......	Lester B. Logan
Helena	Phillips	300	68	76.0	+ 0.6	92	1§	46	27	38	1.96	−1.12	1.35	0.0	4	11	16	3	se.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Otto Murphree
Highland	Pike	491	21	75.0	− 1.9	94	19	48	26	35	5.37	+2.17	2.88	0.0	6	11	15	4	e.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	76.8	+ 0.2	97	19	49	27	40	3.07	−0.34	2.65	0.0	6	11	8	11	e.	Experiment Farm
Hot Springs	Garland	600	49	77.8	+ 2.1	96	1§	50	26	34	2.91	−0.59	2.05	0.0	7	20	5	5	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	3.15	+0.37	2.70	0.0	2	19[a]	0[a]	10[a]	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	2	73.7	......	94	1	41	26	40	7.39	......	3.31	0.0	8	12	9	9	sw.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	4.14	+0.98	2.80	0.0	4	6	18	6	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	75.9	+ 1.4	94	1§	45	27	40	1.72	−1.69	1.23	0.0	6	9	11	10	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	72.8	+ 0.6	95	3	40	26	41	6.75	+3.69	4.00	0.0	6	19	7	4	s.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	76.1	+ 2.0	91	1	53	26	27	2.40	−0.77	1.18	0.0	4	10	12	8	e.	U. S. Weather Bureau
Little Rock Airport	Pulaski	257	4	76.0	......	94	6	48	27	35	2.66	......	1.36	0.0	6	10	12	8	ne.	W. B. Airport Station
Lutherville †	Johnson	775	42	74.1	+ 0.1	92	1§	45	26	35	4.62	+0.71	2.21	0.0	6	14	14	2	se.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	0.29	−2.53	9.17	0.0	2	11	4	15	......	J. W. Eppes
Magnolia	Columbia	315	24	79.6	+ 3.0	99	19	52	26	36	1.45	−0.98	0.80	0.0	3	2	22	6	se.	State Agri. School
Mammoth Spring	Fulton	600	36	74.4	+ 3.0	95	1	44	26	39	4.09	+0.56	1.70	0.0	6	15	10	5	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	75.4	+ 1.3	93	1§	48	27	36	1.38	−2.13	0.50	0.0	4	8	19	3	e.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	75.0[b]	+ 1.4	98[b]	14	44[a]	27	40[b]	0.76	−2.20	0.28	0.0	4	16	12	1	s.	Charles Walton
Mena	Polk	1207	52	75.2	+ 1.2	93	1§	48	26	35	6.01	+2.09	2.55	0.0	6	17	8	5	sw.	E. W. St. John
Monticello Airway	Drew	273	4	78.1	......	95	6§	54	26	33	2.11	......	0.90	0.0	6	9	14	7	e.	Airway Observer
Morrilton †	Conway	315	21	75.4	+ 0.4	94	1§	48	26	37	4.12	+1.13	3.56	0.0	4	6	15	9	sw.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	4.23	......	1.84	0.0	4	17	7	6	s.	C. A. Lovell
Mountain Home †	Baxter	800	28	73.6	+ 1.9	94	1	42	26	38	6.50	+2.20	4.00	0.0	4	23	1	6	w.	H. N. Haibert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	5.54	......	2.96	0.0	6	17	5	8	s.	J. G. Scott
Mount Ida	Montgomery	702	41	74.5	+ 1.3	94	19	42	26	42	7.62	+3.50	3.57	0.0	4	12	8	10	se.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	8.71	......	3.98	0.0	7	9	14	7	sw.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	3.86	......	1.84	0.0	3	12	4	14	......	Clifton Ward
Nashville	Howard	350	2	77.8	......	95	1§	51	26	32	3.81	......	2.33	0.0	4	16	12	2	e.	H. B. Carruth
Newport	Jackson	231	57	75.9	+ 1.7	96	1§	45	27	39	1.45	−2.28	1.15	0.0	5	16	13	1	n.	J. D. Henderson
Oden	Montgomery	800	13	75.4	......	93	1§	46	26§	37	6.79	+4.07	3.10	0.0	4	11	17	2	s.	U. S. Forest Service
Okay	Howard	288	12	78.2	+ 1.0	96	19§	49	26	37	3.83	+1.33	2.75	0.0	5	19	6	5	e.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	0.46	......	0.30	0.0	3	18	11	1	......	G. H. Banks
Ozark	Franklin	396	45	73.8	− 1.9	95	20	42	26	35	5.74	+2.35	4.05	0.0	3	9	8	13	e.	Orkney O. Milton
Paragould	Greene	275	17	72.8[d]	......	93	1	42[i]	27	40[j]	0.84	−1.93	0.47	0.0	6	26	3	1	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	0.48	−2.48	0.33	0.0	2	15	7	8	......	Carroll King
Perryville	Perry	325	20	76.4	+ 3.8	96	6	45	27	42	4.77	+1.27	3.85	0.0	3	1	26	3	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	78.8	+ 3.6	99	19	51	27	38	1.83	−1.78	0.85	0.0	6	11	14	5	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	5.79	+2.82	2.73	0.0	5	9	8	13	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	75.2	+ 1.8	95	1§	45	27	39	2.17	−1.51	1.09	0.0	6	19	7	4	sw.	Benedictine Sisters
Portland	Ashley	122	34	76.0	− 0.3	95	6	48	27	39	2.17	−0.32	0.99	0.0	5	19	6	5	n	Mrs. Pearl E. Newton
Prescott	Nevada	318	52	78.4	+ 2.2	96	1	51	27	38	3.28	−0.07	1.83	0.0	6	19	4	7	s.	W. R. Hambright
Rogers	Benton	1300	50	71.7	+ 0.5	90	1	41	26	34	4.06	+0.27	1.25	0.0	12	14	8	8	se.	Howard Fowler
Rosebud	Faulkner	680	6	......	......	......	......	......	......	......	5.31	......	2.07	0.0	8	20	6	4	e.	G. A. Maddox
Russellville ‡‡	Pope	526	28	75.8	+ 2.4	96	19§	44	26	41	3.97	−0.08	2.30	0.0	5	19	3	8	e.	U. S. Forest Service
St. Charles	Arkansas	175	7	75.6	......	95	6	47	27	40	2.43	......	0.86	0.0	5	17	6	7	e.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	1.08	−3.88	0.43	0.0	4	26	0	4	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	75.8	+ 1.5	96	1	44	27	42	2.45	−0.98	1.05	0.0	6	21	3	6	e.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	4.81	+1.84	3.50	0.0	8	16	0	14	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	4.49	+1.55	3.55	0.0	3	16	10	4	s.	S. C. Story
Stuttgart	Arkansas	214	53	76.8	+ 1.7	97	6	48	27	37	1.32	−2.18	0.79	0.0	4	23	3	4	se.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	75.6	......	93	6§	45	27	39	1.21	......	0.84	0.0	4	......	......	......	......	Rice Experiment Sta
Subiaco	Logan	750	43	76.6[a]	+ 2.3	96	20	48[b]	26	35[b]	5.43	+2.00	3.70	0.0	4	15	9	6	sw.	New Subiaco Abbey
Texarkana	Miller	332	56	77.8	+ 1.0	98	6	49	26	37	4.08	+1.34	2.90	0.0	4	20	4	6	s.	H. S. Brashear

Climatological Data for September, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Turnpike†	Pope	2240	16	71.1		87	1§	45	26	25	4.56	−0.59	3.67	0.0	6	15	5	10	se.	U. S. Forest Service
Wabash	Phillips	179	1	75.4		94	6§	42	27	43	3.09		1.48	0.0	5	8	16	6	s.	Farm Security Adm.
Waldron	Scott	675	21	75.3[d]		96[d]	1	51[d]	22	37[d]	4.78	+1.61	2.80	0.0	5	6[1]	16[d]	4[d]	se.	Wilson Ferguson
Warren	Bradley	206	46	79.0	+ 2.9	99	19	50	27	39	1.12	−2.92	0.51	0.0	4	13	8	4	ne.	C. N. Turner
Whitecliffs	Little River	290	34								3.62	+1.03	2.50	0.0	3	18	1	11		L. M. Snead
White Rock†	Franklin	2285	4	70.9		87	4	45	26	28	5.51		2.36	0.0	7	15	10	5	se.	U. S. Forest Service
Wilson	Mississippi	237	15	75.2	+ 1.4	94	20	44	26	44	0.07	−2.09	0.07	0.0	1	22	0	8	s.	D. O. Anderson
Wright	Jefferson	234	1	75.3		92	1§	45	27	38	3.42		1.34	0.0	7	18	10	2	sw.	Farm Security Adm.
Wynne	Cross	167	32	76.6	+ 2.1	95	18§	42	26	43	0.69	−2.32	0.36	0.0	5	19	9	2	s.	B. M. Eddins
State Means				75.4	+ 0.9	102	5	39	26	47	3.60	+0.29	4.75	0.0	5	15	9	6	s.	

Daily Precipitation for September, 1941

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Total
Alum Fork Reser.	Ouachita.	.03		.02		.50				.21	.04					T.									1.25	.14							2.19
Arkadelphia [2]	Ouachita.		.02	.38	.12	.09	.02				.68						T.									1.15							2.46
Arkansas City [2]	Mississippi		.01	.68	.43		.10				.06															.34					T.		1.62
Batesville Air'y [1]†	White		.11	.66		.32				1.34															1.73						.11		4.27
Batesville River [2]	White			.28	.38	.24					1.30								T.							1.87							4.07
Bee Branch	Arkansas			.30		.75				.30									T.						2.40	.60					.10		4.45
Benton [2]	Saline		T.	T.	.02	.03	.19				.10															1.49							1.83
Bentonville [1]†	Arkansas	.44			1.07	.47				55							.08	.75	T.						1.02				.42		.17		4.97
Bethesda ***	White.			.21		.38				.63															1.71								2.93
Big Lake Outlet [2]	St. Francis			.15							.11															.05				T.			0.31
Black Rock [2]	White			.11		.25					.36								T.	T.						.83				.03			1.58
Blytheville [2]	St Francis		T.	.05							.08								.05							.07							0 25
Booneville	Arkansas					.95				.55															3.40								4.90
Boughton [2]	Ouachita				.10					.05	1.00															1.61							2.76
Brinkley	White		.26	.01	.03	.08	.11			.24															.59								1.32
Calico Rock [2]	White					.48		T.			.40						T.		.72	.47						3.40							5.47
Camden [2]	Ouachita		.05	.90	1.40	.07					.37															.75							3.54
Clarendon [2]	White			.05	.02	.08					.26															.42							0.83
Clinton	White					.98				.76							T.	T.							3.40								5.14
Clover Bend	White		.12	03						.50															1.13						T.		1.78
Conway	Arkansas					.46				.33									.13						1.35	.08							2 35
Corning [2]	White			.07		.23					.28								.23							.32				.75			1.88
Cotter [2]	White					.65					.99															4.37							6.01
Crossett ..[near]	Ouachita	.33	.29	.28						1.59															.91								3.40
Danville [2]	Arkansas			.02	T	.42	.03			T	.12						T.									3.01							3.60
Dardanelle [2]	Arkansas				.03	.43					.31															3.05							3.82
De Queen	Red	.05		T		T.			T.	.23					T										1.51								1.79
Des Arc [2]	White.		T.	.03	.02	.11	.03				.62								.01							1.06							1.88
Devils Knob	Arkansas					.87				.53	T.							.09			T.				3.42	.21							5.12
Dumas	Mississippi	T	.37	1.18		.12				.20	.02														.83								2.72
El Dorado [2]	Ouachita			1.90	.30						.89														T.	1.10							4.19
England	Arkansas			.10	.10	30				.62	.62														1.60	T.							3.34
Eureka Springs	White						1.75			.90							.10	2.40	.03						2.00	.30			.30		.23		8.01
Fayetteville	White	.41				1.09				.95							T.	.32	T.	T.		T.			1.48	.15			.18	T	.02		4.60
Fayetteville Exp. S	White.	.03				.95				.68							T.	.41	.01	T					1.31	.20			.17		.04		3.80
Fort Smith [1]‡	Arkansas				.02	1.05		T.	.84						T.	T.	T.								1.37						.02		3.30
Fort Smith W. [2]	Arkansas					1.30					.96					T	.01		T.							1.94				T.	.05		4.26
Fulton [2]	Red		.03							.12	.67					T.									.09	3.05							3.96
Georgetown [2]	White			.32		.12	.06				.36															.66							1.52
Gilbert [2]	White					.88					1.08								.06							3.26							5.28
Glenwood [2]	Ouachita			.07	2.50	.89	.88			.12	.26															3.50							8.22
Grannis	Red	T.	.05	.99	.03	.13			T.	.48					.06	.03									3.10								4.87
Gravette	Arkansas				1.03	1.76				.68							.25	.11	.02						95				.35	.02	.29		5.46
Green Mountain	White.					.43				.65	.07							1.50							3.40	.15							6.20
Harrison	White					.71				.80							.04								4.75				.04	.01	.02		6.37
Heber Springs [2]	White.			.65	.16	.68					.79								T.							2.56							4.84
Helena [2]	Mississippi			.31	1.35	.05					T.															.25							1.96
Higden	White																																....
Highland	Ouachita			1.18	.11	.31			.30	.59															2 88								5.37
Hope [2]	Red				.06	.01				.04	.21														.10	2.65							3.07
Hot Springs	Ouachita		.01	.04	.03	.36			.04	.38						T.									2.05								2.91
Index [2]	Red									T.	.45														T.	2.70							3.15
Irons Fork [2]	Ouachita					2.40	.61		•	.04	1.02				T.	.01									•	3.31							7.39
Jessieville	Ouachita			.20		.53				.61															2.80								4.14
Jonesboro [2]	White			.25		.01					1.23								.03							.17				.03			1.72
Lead Hill	White	.69				.57	T			.65								T.							4.00	.80			T.		.04		6.75
Little Rock [1]†	Arkansas		T	.02	T.	.14				1.06	T.					T									1.18								2.40
LittleRock Air'y [1]‡	Arkansas		.03	.06		.07				1.12	T.					.02									1.36								2.66
Lutherville	Arkansas			.33		.64				1.02	.04														2.21	.38							4.62
Madison [2]	St. Francis			T.		.12					.17																						0.29
Magnolia	Red		.41							.24															.80								1.45
Mammoth Spg [2]	White			.75		.60		.02			.95															1.70				.07			4.09
Marianna	St. Francis		.50	.40		.10																			.38								1.38
Marked Tree [2]	St. Francis		T.	.25		.05					.18															.28							0.76
Mena [2]	Ouachita		.04	T.	T.	2.55	.76				.32	T.				.02	T.									2.32							6.01
Monticello Air [1]†	Ouachita.	.01	.30	.90		T.				.14	.01														.75								2.11
Morrilton [2]	Arkansas		T.		T.	.37	.04				.15															3.56							4.12
Mountainburg	Arkansas					1.22				1.02					T.	T		.15							1.84								4.23
Mountain Home	White					.80	T.			1.50							T								4.00	.20					T.		6.50
Mountain Valley	Ouachita		T.	.92		.52			.10	.96															2.96	.08							5.54
Mount Ida	Ouachita			.92		2.15				.98															3.57								7.62
Mount Ida CCC	Ouachita			.79		2.03				1.80	.03					.02									3.98	.06							8.71
Mulberry [2]	Arkansas					.72					1.30															1.84							3.86
Nashville	Red	T.		1.14					.17	.17															2.33								3.81
Newport [2]	White			.05	.01	.10					.14															1.15							1.45
Oden [1]	Ouachita					2.98				.59															3.10	.12							6.79
Okay	Red			.62					.08	.26									.12						2.75								3.83
Osceola [2]	Mississippi			.02							.30								T							.14							0.46
Ozark [2]	Arkansas					.60					1.09								T.							4.05							5.74

Daily Precipitation for September, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Paragould	St. Francis		.14							.47	.02								.06						.08	.07						0.84
Parkin[2]	St. Francis			.15																						.33						0.48
Perryville	Arkansas				T.	.75				.17															3.85							4.77
Pine Bluff[2]	Arkansas		.05	.46	.03	.04					.40						T.									.85						1.83
Pine Ridge[2]	Ouachita					2.73	.07			.31	.50															2.18						5.79
Pocahontas	White			.20		.32				.12	.11														.33	1.09						2.17
Portland[2]	Ouachita		.35	.99	.16						.22								T.		T.					.45						2.17
Prescott[2]	Ouachita			T.	.38	.03				.05	.91						T								.08	1.83						3.28
Rogers (near)	White	.15			.03	1.25				.59							.05	.02	.02						1.10	.25			.44	.04	.12	4.06
Rosebud	Arkansas		.06	2.07	.66					.70		.14							.14						1.38	.16						5.31
Russellville	Arkansas			.22		.52				.35	T.														2.30	.58						3.97
St. Charles[2]	White			.24	.86	.14					.66															53						2.43
St. Francis[2]	St. Francis					.16					.24															.43				.25		1.08
Searcy[2]	White		T	1.05	.01	.12	.06				.57								T.							.64						2.45
Spring Bank[2]	Red		.02	T.	.12		T.			.20	.49					T.	.07	.03							.38	3.50						4.81
Story[2]	Ouachita		.32		.62																					3.55						4.49
Stuttgart[2]	Arkansas			.15		.12					.26															.79						1.32
Stuttgart[2]	Arkansas			.12	.02						.23															.84						1.21
Subiaco	Arkansas			T.		.76				.66					T										3.70	.31						5.43
Texarkana[2]	Red			T.						T.	.90						.05								.23	2.90						4.08
Turnpike	Arkansas			.02		.50				.22	.02														3.67	.13						4.56
Wabash	Mississippi		.90	1.48		.12				.12															.47							3.09
Waldron	Arkansas					1.37	.06			.45															2.80	.10						4.78
Warren	Ouachita	T.	.21	.31	T.	T.				.09	T.					T.									.51	T.						1.12
Whitecliffs[2]	Red		.32							T.															.80	2.50						3.62
White Rock	Arkansas					1.31				1.44					T.	.07		T.	.04						2.36	.24			.05			5.51
Wilson[2]	Mississippi					.07																										0.07
Wright	Arkansas	T.	.10	.09	.78	.25				1.34															.79	.07						3.42
Wynne[2]	St. Francis			.12		.36					.10							T								.06					.05	0.69

Daily Temperatures for September, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	92	90	87	90	84	92	90	90	89	77	81	83	85	86	82	90	90	89	91	90	87	87	84	81	76	76	83	88	82	89	86.0
	Minimum	70	70	69	72	63	69	67	68	69	63	61	61	60	67	66	68	67	66	67	65	60	57	65	62	62	48	48	61	61	62	63.8
Arkadelphia §§	Maximum	98	92	87	94	92	96	95	96	90	82	87	89	91	89	87	92	92	94	99	95	92	92	90	86	83	82	84	84	89	94	90.4
	Minimum	72	73	74	72	66	67	67	70	70	68	62	62	61	66	70	71	69	69	69	68	57	60	62	68	62	49	42	48	47	62	64.1
Batesville ***	Maximum	96	87	87	92	89	94	94	92	89	81	82	85	88	90	87	92	92	92	93	93	90	89	89	73	77	75	86	92	76	91	87.8
	Minimum	69	71	73	74	65	68	67	71	71	61	54	56	58	69	70	66	65	68	65	61	58	54	54	56	53	46	45	63	55	58	62.1
Bee Branch	Maximum	91	90	83	83	87	90	87	87	85	80	81	86	85	83	83	88	92	90	92	88	85	89	88	80	72	73	80	86	81	86	85.0
	Minimum	66	70	71	71	62	67	62	68	67	59	56	59	58	68	67	63	64	64	66	62	54	52	53	58	59	42	44	58	54	57	60.7
Benton §§	Maximum	93	88	86	90	91	93	93	92	89	77	84	85	89	88	86	90	92	92	95	94	92	90	88	75	82	77	85	90	81	92	88.1
	Minimum	68	72	73	72	66	66	71	65	67	65	58	56	60	62	66	65	64	65	64	63	62	53	55	61	62	45	44	48	59	58	61.8
Bentonville ***	Maximum	90	89	91	88	86	89	88	82	75	76	76	84	83	80	81	83	88	84	88	90	86	83	84	67	65	75	81	74	75	73	81.8
	Minimum	70	71	70	66	63	68	70	68	58	49	50	52	62	68	71	68	65	65	65	66	62	58	55	60	47	42	53	54	52	65	61.1
Blytheville	Maximum	96	93	84	89	89	93	95	94	93	85	82	84	90	91	89	93	91	92	93	93	90	89	93	88	82	77	87	91	86	95	89.6
	Minimum	73	73	72	72	71	68	72	71	70	64	55	54	65	66	69	67	68	70	64	65	61	58	57	61	60	47	47	60	56	64	64.0
Booneville	Maximum	94	90	94	91	87	93	91	90	83	82	84	86	88	83	83	89	92	89	94	93	90	90	88	80	76	78	85	90	78	91	87.4
	Minimum	70	72	71	74	64	69	67	72	65	57	59	60	63	73	73	70	67	65	64	66	60	55	54	62	61	44	50	63	60	65	63.8
Brinkley	Maximum	93	86	85	90	85	94	92	93	91	74	83	84	91	88	88	91	91	94	95	90	88	90	89	78	82	76	85	93	96	94	88.3
	Minimum	71	70	73	71	65	68	68	70	67	64	58	58	64	65	69	68	66	71	68	66	56	56	54	57	62	56	43	61	56	63	63.5
Camden	Maximum	97	95	92	93	93	95	94	94	92	82	85	90	91	93	90	91	90	93	97	100	91	95	90	88	87	82	90	89	91	95	91.5
	Minimum	71	72	73	72	66	72	70	70	70	67	61	59	58	63	69	69	65	65	66	65	56	56	59	63	61	48	47	64	65	63	64.2
Clover Bend	Maximum	96	88	90	91	88	92	90	92	91	82	81	87	90	90	90	92	89	93	95	94	88	91	92	82	76	76	85	91	84	90	88.5
	Minimum	66	67	68	69	66	64	64	68	64	58	52	53	58	61	65	61	61	61	62	61	53	49	48	52	61	41	41	54	51	61	58.7
Conway	Maximum	98	89	90	95	89	97	96	96	90	82	85	87	93	96	89	92	95	95	96	97	92	92	91	77	86	77	88	95	83	95	90.8
	Minimum	72	72	75	76	66	71	69	72	72	66	59	58	62	71	69	67	68	69	67	66	60	57	56	64	64	48	49	63	61	60	65.0
Corning	Maximum	96	91	89	92	92	92	95	94	93	81	83	87	90	91	87	94	93	95	96	95	90	92	94	87	78	77	87	92	80	93	89.9
	Minimum	71	71	73	73	67	69	69	71	68	59	51	49	56	65	67	67	66	66	61	55	57	53	51	54	59	42	43	56	51	56	60.5
Crossett	Maximum	91	85	85	94	94	95	94	93	92	82	87	88	86	81	84	88	85	91	95	90	88	90	90	81	87	80	90	95	90	94	88.8
	Minimum	73	71	71	70	72	70	67	65	68	68	65	58	66	67	68	61	64	68	65	62	57	59	60	68	62	52	47	61	64	62	64.4
Dardanelle	Maximum	95	92	91	93	90	94	92	92	90	77	84	85	90	86	85	91	92	92	95	95	90	90	88	85	77	75	85	90	85	91	88.6
	Minimum	72	75	75	76	66	72	68	74	69	65	60	58	63	73	72	70	69	70	67	67	62	58	58	60	62	48	50	63	62	62	65.5
De Queen	Maximum	100	100	100	100	102	95	95	92	86	84	85	91	91	83	85	94	94	94	97	95	92	93	92	80	80	78	85	90	84	89	90.9
	Minimum	69	73	73	72	67	69	66	72	68	62	63	63	65	72	71	70	69	67	66	67	59	59	65	64	62	46	49	65	65	64	65.4
Devils Knob	Maximum	86	80	83	82	79	83	82	82	77	72	73	78	79	73	75	81	85	80	85	85	79	80	81	74	74	68	74	77	67	81	78.5
	Minimum	70	68	70	73	60	68	68	68	60	54	55	58	63	64	66	66	67	63	68	70	64	63	64	59	55	46	54	59	52	57	62.4
Dumas	Maximum	92	86	85	93	95	97	97	98	96	77	85	88	90	90	89	90	89	95	98	94	93	90	90	83	83	80	90	97	90	96	90.5
	Minimum	74	74	73	71	68	73	71	70	69	70	63	60	68	68	70	68	66	69	67	66	68	59	60	61	63	50	47	63	61	66	65.9
El Dorado	Maximum	93	91	88	92	92	95	94	94	91	78	86	88	90	89	89	90	90	92	95	95	94	89	90	78	84	79	80	96	94	94	89.7
	Minimum	75	74	73	72	72	72	73	72	72	70	65	62	69	69	69	71	70	68	68	67	68	63	64	59	64	53	53	60	64	68	67.3
England	Maximum	92	93	86	87	85	95	94	93	92	81	80	81	89	88	86	89	92	93	90	90	87	87	90	77	78	74	83	91	84	93	87.3
	Minimum	70	71	72	74	66	70	71	68	69	66	59	59	64	66	74	62	66	66	65	66	56	63	57	61	63	47	46	61	59	63	64.0
Eureka Springs	Maximum	90	90	91	90	86	88	88	87	79	72	77	83	85	81	83	83	87	85	88	89	85	85	86	76	66	75	80	76	70	80	82.7
	Minimum	72	69	69	73	62	70	72	72	60	49	51	54	61	68	71	67	64	63	63	66	60	56	54	60	53	42	55	53	49	64	61.4
Fayetteville	Maximum	91	90	91	89	84	89	89	88	81	79	80	85	87	80	81	85	89	84	88	91	87	88	88	77	67	75	81	76	75	81	83.9
	Minimum	70	68	70	72	62	70	70	72	61	53	54	55	62	69	71	68	64	64	62	64	59	53	52	61	56	41	54	55	53	65	61.7
Fayetteville Exp. S	Maximum	92	88	92	89	84	88	88	88	85	77	78	83	85	83	81	84	89	85	85	90	85	85	86	81	66	73	79	78	76	80	83.4
	Minimum	71	69	69	74	63	71	71	71	61	52	54	54	65	71	71	68	65	64	64	64	61	55	54	62	56	42	55	56	53	67	62.4
Fort Smith ***	Maximum	96	91	96	93	88	94	92	94	81	76	80	85	90	82	82	88	91	88	93	94	90	88	86	72	71	76	86	81	74	86	86.1
	Minimum	75	75	74	76	64	73	72	77	65	63	61	63	66	74	73	73	72	70	70	73	68	64	65	64	56	50	54	64	64	65	67.4
Gilbert §§	Maximum	95	90	93	93	90	90	91	90	82	79	79	83	87	83	83	90	69	89	94	89	89	83	87	73	73	77	73	89	74	78	84.5
	Minimum	66	65	68	70	62	65	62	70	74	58	51	49	51	59	72	64	61	63	61	53	52	51	50	51	57	43	43	50	54	54	58.3
Grannis	Maximum	95	93	92	90	89	94	91	91	84	84	81	88	89	80	79	79	90	90	93	94	89	88	86	75	79	74	85	90	84	90	86.9
	Minimum	65	69	69	68	61	65	63	68	62	58	59	59	61	69	64	64	66	63	66	65	56	67	61	60	58	43	48	61	60	61	62.0
Gravette	Maximum	93	93	95	95	87	90	92	89	86	79	79	86	87	87	82	90	91	86	89	91	87	86	86	85	85	76	82	79	81	79	86.4
	Minimum	69	70	68	66	61	70	71	71	58	47	52	55	60	62	70	66	64	64	65	66	62	66	53	60	53	39	52	51	49	64	60.8
Green Mountain	Maximum	88	88	88	87	87	85	88	85	84	75	75	78	81	81	80	85	88	86	86	87	85	81	83	79	79	71	76	84	69	84	82.4
	Minimum	72	72	72	74	63	72	74	71	66	57	55	59	63	68	70	68	68	65	68	69	66	65	65	64	59	46	55	67	52	60	64.8
Harrison	Maximum	92	90	95	93	93	92	92	91	83	78	80	82	88	83	85	88	90	88	90	93	88	86	86	83	74	73	81	85	69	85	85.9
	Minimum	71	71	69	73	64	70	69	73	63	58	55	49	56	71	73	68	66	62	62	61	58	52	57	62	58	42	50	56	52	57	61.6
Helena	Maximum	92	85	89	87	86	92	90	90	91	77	80	81	88	91	86	88	89	91	92	89	87	88	89	80	81	74	84	91	85	91	86.8
	Minimum	72	71	71	69	65	69	72	70	70	68	61	62	67	65	67	68	67	69	69	71	62	62	61	63	61	47	46	65	57	67	65.1
Highland	Maximum	89	88	88	87	88	90	91	92	86	80	83	89	88	87	81	90	91	90	94	90	92	89	87	76	82	76	85	89	86	90	87.1
	Minimum	73	72	70	64	73	69	70	69	69	63	62	60	63	63	70	70	68	66	66	62	60	60	62	65	62	48	50	67	62	67	64.8
Hope §§	Maximum	95	91	90	92	91	95	94	95	85	76	72	89	91	85	83	92	91	91	97	95	90	90	88	72	82	79	89	88	89	91	88.3
	Minimum	71	73	73	73	66	67	70	71	71	67	63	62	64	67	71	69	72	72	68	66	56	59	63	66	64	50	49	51	64	64	65.4
Hot Springs	Maximum	96	92	87	94	88	93	94	92	85	78	86	90	91	85	85	92	96	92	96	94	93	93	87	79	80	79	85	89	87	90	88.9
	Minimum	71	73	74	74	65	74	71	74	71	65	61	63	66	70	70	71	69	69	69	69	64	59	62	66	64	50	54	68	61	67	66.8

Daily Temperatures for September, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Irons Fork §§	Maximum	94	90	91	90	82	91	89	89	90	71	82	87	87	79	83	89	90	89	92	90	86	87	87	66	76	77	84	87	83	87		85.5
	Minimum	63	71	72	73	62	65	68	72	71	59	55	57	65	68	69	70	65	60	61	62	54	51	54	63	60	41	44	59	61	63		61.9
Jonesboro	Maximum	94	89	87	90	85	93	94	94	92	78	81	84	89	90	88	91	92	92	92	93	89	89	91	84	78	77	85	92	78	93		88.1
	Minimum	71	71	73	72	68	67	71	73	69	62	59	58	64	65	67	68	67	71	68	65	59	57	58	56	62	48	45	60	55	62		63.7
Lead Hill	Maximum	94	88	95	93	92	90	94	92	83	79	80	84	88	82	86	90	91	91	93	94	89	88	89	77	69	75	85	75	68	87		86.0
	Minimum	69	69	68	73	65	69	66	74	63	57	48	50	53	66	69	64	64	62	60	58	54	48	48	56	59	40	46	57	53	57		59.5
Little Rock ***	Maximum	91	84	85	88	84	91	90	90	87	74	79	81	85	85	84	85	88	88	90	88	85	85	85	75	78	72	82	87	79	90		84.5
	Minimum	75	73	74	74	68	73	72	72	70	66	63	63	67	70	71	70	71	73	73	70	66	65	65	65	60	53	55	67	62	66		67.7
Little Rock *** [Airport]	Maximum	93	85	86	90	87	94	92	92	90	74	81	82	88	88	86	87	89	90	91	90	89	87	87	75	81	74	83	91	81	92		86.5
	Minimum	72	73	74	75	67	72	68	72	71	66	62	62	65	69	69	68	69	70	71	67	60	60	61	64	58	50	48	63	60	61		65.6
Lutherville	Maximum	92	87	88	87	84	90	89	89	81	76	80	85	85	80	83	88	91	89	91	92	86	87	87	75	63	74	82	86	76	83		84.2
	Minimum	70	73	72	73	64	68	68	72	69	59	58	61	63	70	71	69	68	68	69	67	60	58	61	63	52	45	47	62	58	61		64.0
Magnolia	Maximum	97	93	90	93	94	93	94	95	90	80	90	94	92	86	85	95	94	95	99	95	93	94	91	82	95	83	90	92	91	90		91.5
	Minimum	72	74	75	73	70	74	71	72	71	72	64	63	67	71	71	70	68	68	68	68	57	61	65	64	64	52	59	69	69	67		67.6
Mammoth Spring	Maximum	95	90	87	92	91	90	93	91	87	79	81	84	87	86	87	92	91	91	92	94	89	89	90	79	76	75	83	88	70	87		86.9
	Minimum	69	69	74	76	66	68	66	69	70	60	50	52	60	70	72	65	67	65	67	59	57	53	51	56	60	44	52	59	53	54		61.8
Marianna	Maximum	93	85	82	90	85	93	91	91	91	80	83	83	88	89	86	89	89	92	93	89	87	88	88	81	82	75	84	93	84	93		87.2
	Minimum	70	70	71	70	65	67	70	69	69	65	59	57	66	65	69	66	64	69	66	66	60	57	64	63	60	50	48	60	56	57		63.6
Marked Tree §§	Maximum	95	87	84	89	83	93	92	92	91	77	83	86	89	98	87	90	93	93	95	90	89	90	92	86	78	76	84	83	..	..		88.0
	Minimum	72	70	71	70	67	66	66	70	69	62	55	55	62	64	67	66	66	70	65	62	58	55	54	55	61	47	44	54	58	..		62.1
Mena	Maximum	93	91	92	90	86	92	90	91	81	74	81	88	88	79	82	87	88	90	91	93	88	85	85	75	74	77	85	89	80	89		85.8
	Minimum	68	72	72	74	62	70	69	73	65	60	63	62	65	69	71	70	68	67	66	67	58	58	59	61	61	48	50	67	60	66		64.7
Monticello ***	Maximum	90	84	87	90	91	95	92	93	92	77	85	88	87	87	85	88	89	94	95	90	88	89	89	79	82	78	88	94	90	94		88.3
	Minimum	73	73	71	71	68	74	72	71	72	70	65	65	68	68	70	69	69	70	71	69	64	65	64	68	64	54	55	68	66	69		67.9
Morrilton §§	Maximum	94	89	90	92	94	94	92	94	92	79	81	85	88	84	88	90	93	89	94	93	92	88	88	72	79	76	85	92	79	93		88.0
	Minimum	69	73	74	75	65	66	68	72	73	64	57	56	60	66	69	67	65	67	64	63	56	53	53	58	62	48	49	55	60	60		62.9
Mountain Home	Maximum	99	91	90	93	91	91	93	92	84	85	80	85	87	83	90	92	91	92	92	93	89	90	90	70	75	75	84	84	85	86		87.2
	Minimum	69	69	67	74	65	66	68	73	65	60	52	54	54	70	62	64	62	64	65	61	57	54	52	56	48	42	47	54	54	56		60.1
Mt. Ida	Maximum	93	91	89	90	86	92	91	90	86	74	82	87	88	84	82	90	90	90	91	93	89	87	86	72	80	78	85	89	85	89		86.7
	Minimum	66	71	72	72	64	68	71	74	68	64	60	58	59	71	71	69	64	62	62	62	53	50	52	61	59	42	43	59	61	61		62.3
Nashville	Maximum	95	89	92	92	90	93	94	92	87	76	82	88	89	83	83	90	92	92	95	93	89	89	87	79	81	77	85	89	86	91		88.0
	Minimum	71	74	75	74	66	72	69	72	72	67	65	65	67	72	72	72	71	69	71	70	61	63	66	66	64	51	53	65	64	65		67.5
Newport	Maximum	96	89	87	91	85	94	92	93	92	81	83	86	90	90	88	91	93	94	96	93	89	90	91	81	79	77	84	93	82	91		88.7
	Minimum	71	72	74	74	67	69	68	72	69	64	56	57	60	63	69	67	67	71	67	63	57	55	55	56	63	47	45	59	57	59		63.1
Oden ***	Maximum	93	91	91	90	85	91	90	90	84	74	83	88	88	81	83	89	90	89	93	91	88	88	85	69	76	78	83	89	83	88		86.0
	Minimum	73	74	73	74	63	68	70	70	64	63	62	61	63	71	70	70	68	65	66	66	60	65	57	64	63	46	46	63	62	64		64.8
Okay	Maximum	95	92	92	93	91	94	93	93	88	77	83	90	91	89	85	91	93	93	96	95	96	90	88	80	85	79	86	90	92	91		89.7
	Minimum	71	74	75	74	68	72	71	72	72	66	64	63	66	72	73	71	70	68	68	68	59	60	64	67	63	49	51	60	65	67		66.8
Ozark	Maximum	93	89	92	93	87	90	92	91	87	76	80	85	88	84	82	89	91	88	92	95	90	88	87	78	75	75	85	85	84	88		86.6
	Minimum	68	70	70	71	60	66	64	69	62	60	52	55	62	68	70	57	66	63	63	65	62	53	53	55	56	42	47	59	58	60		60.9
Paragould	Maximum	93	87	85	88	85	90	91	86	91	77	74	81	87	88	87	89	90	90	90	89	85	86	89	86	77	72	82	90	85	90		86.0
	Minimum	..	..	..	..	..	..	..	..	..	63	57	55	61	64	67	69	66	70	71	61	57	56	55	54	65	47	42	58	55	59		59.6
Perryville	Maximum	95	89	90	94	88	96	94	94	87	88	83	86	90	87	85	91	92	92	95	95	90	90	88	74	80	77	87	92	88	92		89.0
	Minimum	68	73	74	75	66	76	79	70	70	65	58	56	60	70	69	66	64	66	64	63	60	52	53	59	63	46	45	60	60	60		63.7
Pine Bluff	Maximum	94	87	88	91	92	94	94	95	95	78	85	88	92	89	86	91	94	96	99	94	92	93	88	77	83	78	89	91	88	95		89.9
	Minimum	75	74	74	74	68	75	73	72	72	68	62	63	68	69	71	70	70	72	71	70	63	62	63	68	65	54	51	65	62	68		67.7
Pocahontas	Maximum	95	93	87	90	90	90	92	91	92	81	83	86	88	89	89	91	94	95	95	94	90	90	94	87	76	75	82	90	80	92		88.7
	Minimum	69	71	72	72	66	69	67	71	66	60	55	55	59	65	63	65	66	67	65	62	57	56	55	56	60	48	45	58	53	56		61.8
Portland	Maximum	91	84	86	90	88	95	93	92	92	81	85	77	86	86	85	86	85	90	93	89	86	87	88	85	83	80	87	93	88	93		87.5
	Minimum	71	70	68	67	70	68	76	66	66	66	62	69	64	65	66	63	63	65	65	63	58	59	58	65	61	54	48	73	64	64		64.6
Prescott	Maximum	96	92	89	93	92	95	95	95	91	77	85	89	92	86	84	93	91	93	95	95	91	91	89	80	83	79	89	90	90	92		89.7
	Minimum	71	73	75	73	67	73	70	73	72	67	64	62	65	72	71	70	69	68	70	68	59	61	63	67	64	52	51	68	65	67		67.0
Rogers	Maximum	90	89	86	89	85	88	89	88	80	76	76	83	85	80	80	84	86	85	88	89	87	84	78	76	69	75	81	75	74	77		82.4
	Minimum	70	69	68	72	62	69	68	68	60	49	52	54	60	67	70	66	67	64	64	64	66	55	56	61	53	41	50	51	50	64		61.0
Russellville	Maximum	95	90	90	93	91	95	92	93	90	78	83	86	90	85	87	93	94	92	96	96	91	91	90	86	79	78	87	92	85	92		89.3
	Minimum	68	72	72	73	64	68	66	72	63	62	56	62	59	70	70	67	66	66	64	63	51	55	53	60	65	44	46	58	58	58		62.4
St. Charles §§	Maximum	92	84	84	89	92	95	91	91	91	79	83	85	87	88	87	87	87	93	93	89	85	87	86	81	82	76	87	94	86	93		87.5
	Minimum	71	71	71	70	65	70	71	70	69	66	60	59	66	65	68	66	65	68	66	67	58	56	57	60	62	49	47	59	57	63		63.7
Searcy	Maximum	96	89	87	91	86	95	93	94	93	80	85	85	89	90	90	92	92	92	95	93	89	91	90	80	80	77	86	95	87	93		89.2
	Minimum	69	71	72	73	65	65	65	69	68	63	58	57	60	65	69	66	66	70	67	64	57	55	56	57	61	47	44	59	57	59		62.5
Stuttgart	Maximum	93	84	86	93	89	97	95	95	95	75	84	85	89	89	88	89	91	94	95	91	89	89	89	79	81	75	85	93	84	94		88.5
	Minimum	73	72	73	71	66	70	69	69	68	66	60	60	65	65	67	68	68	71	68	67	59	67	60	64	61	49	48	64	58	64		65.0
Stuttgart (near) §§	Maximum	91	82	85	90	88	93	91	92	90	74	83	84	88	87	86	88	89	92	93	89	86	87	86	80	80	75	83	92	85	93		87.4
	Minimum	72	71	73	71	67	70	70	70	69	66	61	60	65	65	68	67	66	70	68	67	57	58	60	60	61	49	45	53	58	61		63.9
Subiaco	Maximum	95	91	95	94	85	95	92	92	83	74	83	82	90	81	85	91	94	91	95	96	91	91	90	80	74	77	86	87	81	89		87.7
	Minimum	69	80	..	..	65	71	72	76	67	63	58	60	63	72	74	72	72	68	68	67	63	59	59	64	64	48	51	62	61	62		65.4
Texarkana	Maximum	96	90	94	96	93	98	96	96	85	78	86	92	92	82	82	93	92	93	97	95	91	93	89	78	82	80	89	92	86	91		89.9
	Minimum	70	71	71	70	69	71	70	71	70	64	62	62	62	70	71	68	68	66	68	68	58	59	65	64	62	49	52	68	66	66		65.7
Turnpike	Maximum	87	81	83	83	78	85	84	83	76	72	75	81	89	74	78	84	87	82	86	87	83	83	83	70	67	70	76	78	79	81		79.6
	Minimum	71	68	69	70	59	69	68	68	63	54	55	59	65	64	66	66	67	64	67	70	65	63	64	59	53	45	54	60	50	63		62.6
Waldron	Maximum	96	..	..	93	89	94	91	92	84	73	82	85	89	84	83	88	92	90	93	93	88	88	87	80	77	..	..	90	80	90		87.3
	Minimum	67	70	..	72	62	68	70	73	64	61	56	58	60	71	72	70	65	62	63	63	54	51	52	61	60	..	..	..	60	62		63.3
Warren	Maximum	92	87	89	92	92	94	94	94	93	78	86	89	89	89	89	90	91	96	99	95	90	91	95	80	83	78	89	97	95	94		90.3
	Minimum	75	75	74	73	69	76	74	73	73	70	64	63	68	72	71	68	67	69	70	68	60	60	61	63	65	53	50	68	66	69		67.6
White Rock	Maximum	86	83	85	87	86	86	85	83	79	73	75	79	80	75	75	81	84	79	86	85	81	80	82	74	66	69	76	75	67	80		79.4
	Minimum	69	68	70	69	70	58	67	67	58	53	56	60	64	64	66	66	67	65	68	70	63	63	64	58	54	45	54	60	55	62		62.4
Wilson	Maximum	93	90	88	90	85	92	92	91	92	78	79	86	88	86	89	92	79	92	88	94	89	89	92	89	79	76	85	90	82	93		87.6
	Minimum	72	72	69	71	69	68	72	71	71	64	57	56	67	64	68	65	68	70	65	64	62	58	52	55	64	44	45	46	55	64		62.9
Wynne	Maximum	94	86	85	90	84	93	91	91	91	81	81	85	89	90	90	91	91	95	93	91	88	90	89	83	80	80	86	95	88	94		88.5
	Minimum	71	71	73	70	71	68	69	79	70	65	69	60	66	65	69	69	67	70	69	66	62	58	57	68	60	42	44	63	45	66		64.7

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for September, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Hope, §§ Exp. Farm	Evap.	.192	.221	.159	.133	.190	.153	.198	388	244	.114	.074	.256	.188	.246	.123	.187	.111	.382	.250	.326	.225	.255	.278	.258	.172	.248	.178	.176	.136	.164		6.225
	Mean tem.	83	82	82	82	78	81	82	83	78	72	68	76	78	76	77	80	82	82	82	80	73	74	76	69	73	64	69	70	70	76		76.8
	Wind move	10	34	23	37	37	34	36	42	42	46	51	52	42	34	38	15	31	52	32	20	27	32	41	44	97	45	21	32	31	13		1091
Irons Fork §§ Exp. Forest	Evap.	.159	.188	.107	.143	...	.069	.188	.165	.146	.082	.035	.128	134	.148	.025	.079	.107	136	.096	.130	.144	...	....	....	....	....	.. ..	....	....	.089		2.498
	Mean tem.	78	80	82	82	72	78	78	80	80	65	68	72	76	74	76	80	78	74	76	76	70	69	80	64	68	59	64	72	72	75		73.7
	Wind move	3	6	5	17	18	2	16	20	19	6	2	3	8	24	15	14	2	3	3	1	5	*	*	*	*	*	*	*	76	12		280
Russellville, Ozark Nursery	Evap.	.172	.128	.066	.230	.266	.251	.109	354	.058	120	.248	....	.280	136	.108	.200	.256	.212	.194	.300	.158	.422	....	...	....	.144	.160	.150	.170	.136		5.028
	Mean tem.	82	81	81	83	78	82	79	82	76	70	70	74	74	78	78	80	80	79	80	80	71	73	72	73	72	61	66	75	72	75		75.8
	Wind move	20	15	24	41	25	19	33	37	47	27	43	17	28	30	45	11	24	32	13	23	22	26	28	63	60	23	21	25	43	27		892
Stuttgart, §§ Rice Exp. Farm	Evap.	.197	.173	.074	.104	.160	.176	.186	.242	.240	.191	.077	.201	.148	.352	.138	.181	.167	.219	.190	.179	.237	.210	.167	.187	.332	.152	.142	.148	.211	.142		5.518
	Mean tem.	82	76	79	80	78	82	80	81	80	70	72	72	76	76	77	78	77	81	80	68	72	72	73	70	70	62	64	72	72	77		75.6
	Wind move	9	14	73	73	62	42	38	52	46	71	30	40	19	78	86	49	25	49	22	13	46	31	39	32	161	42	13	36	71	19		1381

Daily Precipitation for September, 1941 Additional Rainfall Stations

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Abbott[2]	Arkansas				.28	.12					1.92															3.25						5.57
Antoine(near)[2]	Ouachita|																																
Beaty Lake(near)	St. Francis|																																
Beech Grove(near)	White|																																
Beedeville[2]	White					.05				1.22																.74				.30		2.31
Blue Mountain[2]	Arkansas					.50					.75															2.30						3.55
Bluff City.[2](near)	Ouachita|																																
Booneville	Arkansas					1.10	.09			T	.70															3.46						5.35
Brinkley[1]	White|																																
Cabot[2]	Arkansas|																																
Camp Alton	Ouachita|																																
Camp Damascus[2]	Arkansas|																																
Carlisle	Arkansas			.02		.10					.25								.11							.43						0.91
Charlotte (near)	White|																																
Clay SCS[2]	White|																																
Corley[2] (near)	Arkansas					.32	.05				.60															5.32						6.79
Denmark[2]	White			.70	.03	.34					.62															1.05						2.74
Dermott[2]	Mississippi		.08	1.01	.53		.05				.26															.57						2.50
Dutch Creek CCC	Arkansas					1.42				.53															4.21							6.16
Eagle Gap[2]	Arkansas						4.00				.68	T.			T.	T.										3.35						8.03
Eleven Point[2]	White		*	.43	.09	.49					1.27															1.80				.17		4.25
Evening Shade[2]	White			.73	.06	.46		.01			.95								.09							1.53						3.83
Forrester[2]	Arkansas					1.60				T.	.70															3.10						5.40
Gravelly.[2]	Arkansas					.84				T.	.40								T.	T.						1.85						3.09
Green Forest[2]	White|																																
Greenwood[2]	Arkansas					.90					.95															2.42						4.27
Harrisburg[2]	St. Francis			15							.39															.02						0.56
Hollis (near	Arkansas			.03		.67				.59						.01									*	2.63						3.93
Hon[2] (near)	Arkansas|																																
Huttig[2](near)	Ouachita		.74	.25	.28																				.06	.78						2.11
Jacksonville[2](near	Arkansas|																																
LaCrosse[2]	White										.43									.03						1.81						2.27
Lake City[2]	St. Francis			.53							.18								.05							.18						0.94
Marshall[2]	White				.03	1.25						.97														3.57						5.82
Marvell[2]	White						T.			.35																1.19						1.54
Mena CCC	Red	.01				.80			.06	.20																3.50						4.57
Morobay[2] (near)	Ouachita		.07	88	.14						.60														.07	.55						2.31
Mountain View[2]	White			T.	T.	60					.44															2.70				T.		3.74
Newhope(near)[2]	Ouachita		1.25		.40	.45	.77			T.	1.65														T	2.90						7.42
Odell (near)[2]	Arkansas					1.33					.91					T.			.03							1.44						3.71
Osage Mills.(near)	Arkansas|																																
Pottsville[2](near)).	Arkansas|																																
St. Paul[2](near)	White					1.32					1.35								.36							3.00						6.03
St. Vincent	Arkansas|																																
Shirley[2](near)	White			T.	.05	.94					.31															3.07						4 37
Solgahachie(near)	Arkansas|																																
Sparkman[2](near)	Ouachita			.05	.17	.05					.55															73						1.55
Stamps (near)	Red|																																
Stephens[2] (near)	Ouachita			.47	.43						.32															.81						2.03
Sugar Grove[2]	Arkansas				1.00	.10				.08	.50															4.15						5.83
Texarkana	Red|																																
Tichnor[2]	White		.16	.13	1.88	.14					.10															.43						2.84
Vick[2]	Ouachita|																																
Walnut Grove	White|																																

Daily River Stages for September, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	8.0	8.0	7.4	7.8	9.4	11.0	12.0	11.5	11.3	11.7	17.6	19.0	17.8	16.8	16.0	15.3	13.7	12.3	12.0	12.0	10.6	9.0	8.1	7.3	7.3	7.2	12.3	11.3	10.0	9.4
Van Buren	do	22	7.3	7.2	6.5	6.7	8.8	9.9	12.6	12.2	11.8	12.3	18.1	19.6	18.7	17.9	16.9	16.3	14.5	12.7	12.6	12.4	10.6	8.9	7.0	5.8	5.6	5.5	11.6	11.9	10.2	9.0
Danville	Petit Jean	20	3.0	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.7	2.8	2.8	2.8	3.2	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.5	5.1	16.3	13.9	6.0	4.1	3.6
Ozark	Arkansas	22	4.2	3.1	3.0	2.5	3.0	5.3	7.2	7.5	7.2	7.3	11.0	14.1	13.8	12.7	12.1	11.5	10.4	8.8	7.9	7.8	7.0	5.6	3.7	2.6	2.5	2.2	2.1	8.1	6.2	5.2
Dardanelle	do.	22	8.0	6.8	5.8	5.8	5.2	5.8	8.2	10.1	10.1	9.8	9.9	15.2	16.5	15.8	15.0	14.4	13.8	12.4	10.9	10.4	10.2	9.0	8.0	6.2	7.0	6.3	5.4	7.1	10.7	8.7
Morrilton	do.	20	4.0	3.4	1.8	1.2	0.7	0.6	2.8	5.5	6.6	6.3	6.1	10.3	13.3	13.4	12.4	11.8	11.2	10.0	8.3	7.1	6.8	6.0	4.6	2.8	2.2	3.1	1.8	1.2	7.0	6.2
Little Rock	do.	23	4.8	5.3	4.7	3.7	3.3	3.1	2.9	4.2	6.4	7.2	6.9	7.0	12.1	13.6	13.0	12.2	11.6	11.0	9.7	8.3	7.6	7.4	6.5	5.6	4.6	4.3	4.7	3.9	3.8	7.6
Pine Bluff	do.	25	7.7	8.6	8.9	8.2	7.1	6.8	6.6	6.4	8.3	10.6	10.7	10.4	12.8	16.4	16.5	16.0	15.3	14.6	13.9	12.9	11.8	11.0	10.7	9.7	8.9	7.9	7.9	8.0	8.5	8.5
Gilbert	Buffalo	30	2.9	2.9	2.9	2.9	3.1	3.0	3.0	3.0	2.9	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	8.0	5.4	4.4	3.7	3.5	3.4
Black Rock	Black	14	1.2	1.1	1.1	3.7	2.0	1.4	1.2	1.0	1.0	1.5	1.5	1.2	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	1.7	2.2	2.3	2.6	2.6	2.3
Heber Springs	Little Red	30	3.6	3.4	3.2	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.3	10.5	6.6	5.5	4.8	4.4
OzarkBeachMo	White	30	-0.6	0.0	-0.6	-0.6	-0.6	-0.6	0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	4.9	-0.6	4.1	0.8	2.0	-0.6
Cotter	do	21	1.7	1.6	1.7	1.4	1.4	1.8	1.7	1.5	1.4	1.7	0.9	1.4	1.1	1.1	1.1	1.6	1.1	1.2	1.3	1.0	1.0	0.9	0.9	0.8	7.3	9.1	4.5	4.0	4.4	3.8
Calico Rock	do	18	0.9	0.9	0.9	0.9	0.7	1.0	0.9	0.8	0.7	0.8	0.6	0.4	0.6	0.4	0.4	0.5	0.8	0.5	0.4	0.6	0.4	0.3	0.2	0.2	4.7	11.4	5.8	2.6	4.4	3.0
Batesville	do	23	4.6	4.6	4.9	4.8	4.6	4.5	4.7	4.7	4.5	4.7	4.5	4.3	4.1	4.3	4.1	4.1	4.1	4.3	4.3	4.0	4.2	4.1	4.0	3.9	4.8	13.0	14.8	9.6	7.8	8.3
Newport	do	26	-0.4	-0.5	-0.5	-0.5	-0.2	0.2	0.0	-0.2	-0.3	-0.4	0.0	-0.3	-0.4	-0.6	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	0.9	-1.0	-1.0	-1.0	-1.0	0.7	9.4	8.6	5.3	3.8
Georgetown	do	21	0.1	0.0	0.1	-0.2	-0.2	-0.2	0.1	0.3	0.3	0.0	-0.2	-0.2	-0.2	-0.2	-0.3	-0.6	-0.7	-0.8	-0.9	-0.9	-0.9	-1.0	-1.0	-1.1	-1.1	-1.1	0.4	6.2	8.6	7.7
Des Arc	do	24	2.8	2.6	2.6	2.5	2.1	2.5	2.8	3.0	2.9	2.7	2.4	2.2	2.3	2.3	2.2	2.0	1.8	1.7	1.6	1.5	1.5	1.5	1.4	1.3	1.4	1.3	1.3	5.3	9.3	10.0
Clarendon	do	26	6.9	7.0	7.0	7.0	6.8	6.8	6.8	7.0	7.2	7.2	7.1	6.9	6.7	6.7	6.7	6.6	6.4	6.2	6.0	5.9	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.8	9.2	12.0
St. Charles	do	25	7.2	7.3	7.4	7.4	7.4	7.3	7.3	7.4	7.5	7.6	7.6	7.5	7.3	7.2	7.2	7.1	7.0	6.9	6.7	6.6	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.1	7.0	10.3
Glenwood	Caddo	..	5.3	5.2	5.2	5.7	5.4	6.0	5.6	5.5	5.6	6.2	5.8	5.6	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	7.4	6.2	5.8	5.7	5.6	5.5
Arkadelphia	Ouachita	17	4.2	3.8	3.7	4.7	5.4	5.4	5.8	4.5	4.5	5.6	6.1	5.0	5.6	4.9	4.0	5.6	5.0	5.5	5.9	5.7	5.2	4.4	3.8	3.7	5.0	8.4	7.9	7.8	6.8	7.5
Boughton	Little Mo.	20	3.2	3.2	3.2	3.3	3.2	3.2	3.7	4.2	4.2	4.0	3.8	3.8	4.2	3.9	3.7	3.6	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.2	3.5	5.7	6.9	5.3	4.8	4.5
Camden	Ouachita	26	4.6	4.6	4.4	4.0	4.0	4.1	5.0	5.5	5.3	4.6	4.6	5.2	5.5	5.0	5.1	4.6	4.0	4.6	4.8	5.0	5.3	5.3	4.3	4.1	4.0	4.0	8.5	9.0	9.0	8.0
Benton	Saline	20	4.0	4.0	3.9	3.8	3.6	3.6	3.6	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.3	4.6	5.2	4.9	4.5	4.2
Index	Red	25	11.8	11.8	11.0	10.0	9.7	9.6	9.7	9.9	9.4	9.3	8.8	8.7	8.6	10.0	14.0	13.1	12.0	11.3	10.6	10.0	9.6	9.3	9.0	8.6	8.4	8.3	8.2	8.2	8.2	8.3
Fulton	do	25	10.1	9.1	9.6	8.7	8.0	7.9	8.6	8.2	7.7	7.3	6.9	6.8	6.6	6.4	10.7	11.9	10.7	9.8	8.0	8.4	7.8	7.4	7.1	6.7	6.8	6.5	6.2	6.0	5.8	5.9
Big Lake Outlet	St. Francis	10	3.1	3.1	3.2	3.2	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.4	2.4
St. Francis	do	18	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.6	2.7	2.7	2.7	2.7	2.4
St. Francis L.L.	do	..	14.1	14.1	14.1	14.1	14.0	15.7	16.4	17.0	17.1	17.6	16.7	15.4	13.8	15.5	16.1	14.3	15.0	16.0	16.5	16.9	17.3	17.5	16.1	14.1	15.1	15.7	16.1	16.5	15.5	14.8
Marked Tree	do	17	1.9	1.8	1.8	1.8	1.6	0.2	0.0	0.1	0.1	0.1	2.5	2.7	3.0	0.0	0.0	2.3	0.5	0.0	0.2	0.2	0.2	0.2	2.7	2.5	0.5	0.0	0.2	2.3	0.5	2.0
Parkin	do	28	1.6	1.6	1.6	1.6	1.6	1.5	1.2	0.7	0.5	0.4	0.4	0.8	2.1	2.1	1.3	0.7	1.1	1.5	0.7	0.5	0.4	0.3	0.3	1.0	2.0	1.6	0.9	0.5	0.4	0.7
Madison	do	32	0.3	0.3	0.2	0.2	0.1	0.1	0.1	-0.1	-0.4	-0.7	-0.8	-0.9	-0.9	0.1	0.3	0.0	-0.4	-0.6	-0.2	-0.4	-0.6	-1.0	-1.0	-1.0	-0.7	-0.9	0.2	-0.3	-0.8	-1.0
Helena	Mississippi	42	3.5	4.8	5.6	5.7	5.5	5.2	5.1	4.9	5.2	6.3	7.1	7.5	7.4	7.1	7.1	7.3	8.1	9.8	11.0	11.3	11.2	10.8	19.4	10.3	10.3	10.5	11.0	11.2	11.1	10.8
Arkansas City	do	42	-0.2	0.3	1.5	2.8	3.2	3.1	2.7	2.3	2.1	2.1	3.0	4.4	5.2	5.5	7.1	7.9	8.0	8.0	8.3	9.4	9.5	9.2	8.7	8.3	8.0	7.6	7.4	7.4	7.6	7.7

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Bethesda, Batesville; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

Weather Bureau Office, Little Rock, Ark. 10-23-41-1150

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

3

WALTER C. HICKMON

VOL. XLVI LITTLE ROCK, ARK., OCTOBER, 1941 No. 10

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The month was the warmest of any October in the past 51 years. The mean temperature averaged 68.2° for the State as a whole, which is 5.4° above normal. Unseasonably warm weather prevailed during the first week and again from the 19th to the 26th, with daily temperatures as much as 10° to 15° above the seasonal average. Much cooler weather overspread the State on the 27th and continued the rest of the month, with freezing temperatures at some northern stations on the 28th and 29th. Monthly mean temperatures ranged from 63.0° at Devils Knob to 74.2° at Prescott. The highest temperature in the State during October was 96° at Dumas on the 1st, and at Camden on the 8th. The lowest temperature was 28° at Eureka Springs, Gravette and Rogers on the 28th.

The average precipitation in Arkansas during October was 8.11 inches, which is 4.91 inches above the 51 year average. This was the wettest October of record, with the exception of 1919 when the rainfall totaled 10.90 inches. Precipitation at individual stations ranged from 2.87 inches at Nashville to 15.18 inches at Gravette. The heaviest rains occurred in the northwestern and north central sections. Thirty stations recorded more than ten inches of precipitation. Portland measured 6.60 inches and Arkansas City 6.00 inches during a 24 hour period on the 30-31st. Heavy rains also occurred in the State on the 16th which caused flood conditions on the Arkansas River west of Little Rock and on the White River from Batesville north. The Rivers crested at only slightly above flood stage. However, considerable bottom land along the rivers was inundated and farmers lost considerable mature crops, mostly corn and cotton. This loss in crops is estimated at $132,000.

Cotton picking was practically completed in the southern and western sections by the 15th but some remained to be picked in the northern sections at the close of the month. Harvesting in general was delayed by frequent rains and wet soil. Fall truck and pastures were in good to excellent condition at the end of the month, due to ample moisture.

Two severe tornadoes occurred in Arkansas on October 26th, killing 18 people, injuring 75, one of whom later succumbed and causing property damage of at least $200,000. At 4:00 p. m. of the 26th, a tornado was first observed at Chickala, in northern Yell County. It moved northeastward through a portion of Dardanelle to Pottsville, Pope County, a distance of about 18 miles. About 20 houses were demolished and many others considerably damaged. Four people were killed and 20 injured at Dardanelle. Property damage is estimated at $75,000. The second tornado occurred at Hamburg, Ashley County about 11:15 p. m. of the same day. Fourteen people were killed outright and 75 were injured, one fatally. Forty-two houses were completely destroyed, eleven damaged beyond repair and 53 less seriously damaged. All public utility services were disrupted for 24 hours or more. Property loss is estimated at $122,000.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville..	30.04	30.50	28	29.43	26	6.9	17	s.	4	..	..	..	24
Fort Smith..	30.00	30.37	28	29.56	26	5.9	27	nw.	9	..	..	..	34
Little Rock..	30.05	30.33	10	29.62	26	7.1	24	n.	9	92	68	82	54
Memphis	30.06	30.33	11	29 62	27	7.4	27	w.	31	..	..	..	45

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	1	1	4	1	2	1	2	.	5	1	3	1	..	2	2	3	4	2	..	1	6	4	..	2	2	3	2	..		4	4
Light hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Moderate hail .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thunderstorm .	11	3	3	6	8	1	7	3	15	6	..	.	..	4	9	4	4	..	1	1	.	.	4	5	.	23	6	..	..	4	1

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	23	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0 0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66.6	98	33	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67.1	98	26	2.35	0.0	4	17	7	7
1932	60 8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0.0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0.0	3	23	5	3
1939	65.1	98	20	1.71	0.0	3	21	5	5
1940	65.2	95	29	1.91	0.0	5	20	7	4
1941	68.2	96	28	8.11	0.0	13	8	9	14
Period	62.8	105	12	3.20	T.	5	18	6	7

Correction:

October, 1941, page 57; Corning precipitation on 2d 1.07, total 10.04 inches.

Climatological Data for October, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	67.9	......	89	21	35	29	32	8.70	......	1.59	0.0	13	4	14	13	w.	L. R. Water Works
Arkadelphia	Clark	200	45	70.2	......	92	2	39	29	37	6.28	+2.86	1.49	0.0	13	12	7	12	ne.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	12.01	+9.39	6.00	0.0	10	7	11	13	......	George W. Reitzammer
Batesville Airway	Independence	363	4	66.2	+ 5.6	91	1	34	29	37	7.07	......	1.91	0.0	14	5	12	14	se.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	7.65	+4.46	1.85	0.0	13	8	8	15	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	65.6	+ 3.1	85	5§	33	28§	32	9.92	+6.36	1.60	0.0	11	7	10	14	s.	Minnie Scanlan
Benton	Saline	285	5	66.8	......	93	4	35	29	42	7.52	......	1.51	0.0	13	13	10	8	sw.	S. A. Burks
Bentonville	Benton	1295	35	63.6	+ 4.7	86	5	30	28	32	12.95	+9.33	3.75	0 0	17	4	9	18	s.	U. S. Weather Bureau
Bethesda †	Independence	500	1	66.6	......	90	1	33	29	36	8.19	......	2.38	0.0	12	5	18	8	s.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	6.45	......	1.64	0.0	10	13	3	15	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	8 14	+4 76	2.51	0 0	13	14	4	13	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	68.1	+ 4.7	91	1§	36	29	36	4.40	+0.88	1.44	0.0	10	11	8	12	s.	Maureen K. Norris
Booneville (near)	Logan	465	26	68.5	+ 4.5	90	9	34	28	36	6.95	+3.67	1.83	0.0	13	8	9	14	e.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	3.89	......	1.02	0.0	10	6	9	16	......	Ruby A. Buie
Brinkley	Monroe	205	49	68.3	+ 5.7	90	1	35	29	39	4.56	+1.04	1.13	0.0	13	6	12	13	se.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	12.56	+9.67	2.78	0.0	16	6	1	24	......	William Jones
Camden	Ouachita	116	55	72.8	+ 8.9	96	8	39	29	40	6.04	+3.05	1.68	0.0	12	8	7	16	s.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	4.71	+1.47	1.43	0.0	11	11	8	12	......	R. M. Wheatley
Clinton †	Van Buren	516	19	......	......	......	......	......	......	......	13.34	+6.99	2.46	0.0	14	3	15	13	......	Doyle G. Love
Clover Bend	Lawrence	235	..	65.0	......	91	6	31	29	45	7.28	......	2.90	0.0	9	7	19	5	s	Farm Security Adm.
Conway	Faulkner	309	57	70.7	+ 7.2	94	6	38	29	37	8.65	+5.23	2.30	0.0	11	12	13	6	s.	F. E. Cordrey
Corning	Clay	293	47	66.8	+ 6.8	91	5§	33	29	40	10.04	+6.66	3.20	0.0	11	11	10	10	ne.	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	11.49	+7.54	2.48	0.0	16	7	13	11	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	71.0	+ 5.2	93	1	41	11	40	9.55	+6.05	5.04	0.0	11	12	6	13	s.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	10.28	+6.44	2.87	0.0	14	3	17	11	......	J. M. Patterson
Dardanelle	Yell	330	54	69.4	+ 6.0	91	9	39	28	32	9.35	+5.95	3.38	0.0	14	4	11	16	s.	Geo. N. Goodier
DeQueen	Sevier	426	5	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	W. A. Douthit
Des Arc	Prairie	204	2	69.3	......	93	1	37	29	35	4.37	......	1.12	0.0	12	2	13	16	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	63.0	......	89	22	29	28	26	13.93	......	2.53	0.0	20	6	2	23	se.	U. S. Forest Service
Dumas	Desha	162	35	71.7	+ 6.5	96	1	38	29	37	5.23	+2.01	1.75	0.0	11	4	13	14	s.	Ben Johnson
El Dorado	Union	270	40	72.8	+ 6.8	95	1	45	28	31	7.73	+4.41	2.62	0.0	9	11	7	13	s.	Mrs. E. W. Gaston
England	Lonoke	229	34	69.4	+ 5.4	94	7	38	29	33	7.34	+4.21	2.00	0.0	11	9	15	7	ne.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	64.8	+ 4.0	87	12	28	28	35	12.04	+8.33	2.30	0.0	17	10	10	11	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	65.6	......	85	5§	30	28	36	14.01	......	3.20	0.0	17	3	8	20	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	65.4	+ 4.6	85	21	30	28	32	13.04	+9.34	2.44	0.0	16	6	11	14	s.	University of Arkansas
Fort Smith	Sebastian	448	59	68.5	+ 5.7	87	21	38	28	27	9.97	+6.98	3.24	0.0	14	3	5	23	e.	U. S. Weather Bureau
Fort Smith Wtr. P. †	Crawford	793	3	......	......	......	......	......	......	......	11.01	......	3.37	0.0	16	4	7	20	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	3.60	+0.74	1.23	0.0	9	5	13	13	......	T. J. Logan
Georgetown	White	200	28	......	......	......	......	......	......	......	5.73	+2.34	1.40	0.0	11	18	2	11	......	C. G. Long
Gilbert	Searcy	600	15	65.4	......	90	6	29	28	42	11.90	+7.22	2.12	0.0	14	11	1	19	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	6.21	......	1.48	0.0	12	11	2	18	......	Chas. A. Price
Grannis	Polk	950	21	67.8	+ 5.0	90	5	36	28§	36	8.19	+3.97	1.90	0.0	16	4	8	19	s.	W. E. McVay
Gravette	Benton	1250	43	65.2	+ 5.5	86	5§	28	28	34	15.18	†11.45	4.26	0.0	17	9	12	10	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	3	65.4	......	84	6	32	28	26	11.16	......	1.94	0 0	16	11	5	15	se.	U. S. Forest Service
Harrison	Boone	1052	40	65.2	+ 5.8	86	9	31	28	36	12.80	+9.67	3.25	0.0	16	12	5	14	s.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	8.50	......	2.07	0.0	12	7	15	9	......	Lester B. Logan
Helena	Phillips	300	68	69.4	+ 5 8	91	1	36	29	38	5.71	+2.73	1.83	0.0	9	7	11	13	ne.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	......	......	...	...	......	......	......	......	......	Otto Murphree
Highland	Pike	491	21	70.0	+ 2.9	92	5	39	28	33	3.84	+0.67	0.95	0.0	12	8	15	8	s.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	70.2	+ 4.3	91	1	40	29	36	5.09	+2.18	1.60	0.0	11	4	15	12	e.	Experiment Farm
Hot Springs	Garland	600	49	69.4	+ 5.0	90	5	39	29	39	7.56	+4.13	1.62	0.0	13	12	7	12	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	3.05	+0.15	0.95	0.0	7	16	1	14	......	W. F. McDowell
Irons Fork †‡‡	Polk	1385	2	66.0	......	88	5§	36	29	38	10.71	......	2.78	0.0	17	6	6	19	s.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	9.35	+5.69	1.75	0.0	13	4	14	13	......	U. S. Forest Service
Jonesboro	Craighead	345	45	68.2	+ 5.6	90	5§	37	29	36	6.12	+2.66	1.90	0.0	11	6	6	19	ne.	Benedictine Sisters
Lead Hill	Boone	650	34	65.6	+ 4.8	89	5	30	28	38	11.82	+8.68	3.77	0.0	15	10	11	10	s.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	68.7	+ 5.1	87	3	40	29	27	6.10	+3.39	2.43	0.0	13	5	11	15	s.	U. S. Weather Bureau
Little Rock Airport	Pulaski	257	4	68.6	......	89	23	40	29	29	7.61	......	1.53	0.0	12	5	11	15	ne.	W. B. Airport Station
Lutherville †	Johnson	775	42	67.0	+ 4 7	87	6	33	28	31	11.57	+7 51	2.37	0.0	16	3	10	18	ne.	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	4.89	+1 84	1.43	0.0	10	13	3	15	.. .	J. W. Eppes
Magnolia	Columbia	315	24	73.4	+ 6 5	95	1	45	11§	36	7.41	+4.56	2.70	0.0	9	0	23	8	s.	State Agri. School
Mammoth Spring	Fulton	600	36	66 0	+ 6.8	88	9	33	28	37	13.42	†10.09	3.00	0.0	16	6	10	15	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	69.4	+ 5.9	92	1	36	29	38	6.63	+3.38	1.42	0.0	10	6	10	15	e.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	67.8	+ 6.6	90	1§	35	29	38	5.69	+1.74	1.36	0.0	10	10	14	7	n.	Charles Walton
Mena	Polk	1207	52	67.6	+ 4.6	88	5	39	28	32	11.47	+7.39	4.17	0.0	18	8	7	16	sw.	E. W. St. John
Monticello Airway	Drew	273	4	71.6	......	93	1	43	29	31	6.32	......	2.55	0.0	13	4	15	12	s.	Airway Observer
Morrilton †	Conway	315	21	68.5	+ 5.3	91	5	39	28§	34	9.86	+6.48	3.20	0.0	12	0	16	15	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	11.66	......	2.70	0.0	17	9	9	13	sw.	C. A. Lovell
Mountain Home †	Baxter	800	28	64.4	+ 3.9	89	6	32	28	36	10 00	+6.16	2.13	0.0	12	7	0	24	nw.	H. N. Haibert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	5.16	......	1.16	0.0	13	10	8	13	s.	J. G. Scott
Mount Ida	Montgomery	702	41	68.8	+ 7.0	90	5	35	29	37	9.54	+5.86	2.55	0.0	11	4	14	13	sw.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	6.82	......	2.28	0.0	11	6	17	8	sw.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	9.42	......	3.06	0.0	15	6	4	21	......	Clifton Ward
Nashville	Howard	350	2	71.2	......	92	5	41	29	30	2.87	......	0.55	0.0	15	12	15	4	sw.	Brice Carruth
Newport	Jackson	231	57	69.2	+ 7.2	91	5	36	29	36	7.26	+3.73	1.98	0.0	11	11	10	10	n	J. D. Henderson
Oden	Montgomery	800	13	68.4	......	89	5	39	28§	34	7.51	+4.64	1.20	0.0	12	5	11	15	s.	U. S. Forest Service
Okay	Howard	288	12	72.0	+ 6.2	91	4§	41	29	38	2.92	+0.07	0.64	0.0	11	8	15	8	s.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	5.15	......	1.27	0.0	11	12	12	7	......	G. H. Banks
Ozark	Franklin	396	45	66.4	+ 2.9	88	6	31	28	34	9 38	+6.11	2.80	0.0	16	3	8	20	e.	Orkney O. Milton
Paragould	Greene	275	17	66.6	......	88	5§	35	29	37	5.34	+2.39	1.55	0.0	14	16	8	7	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	6.04	+2.91	1.26	0.0	9	10	6	15	......	Carroll King
Perryville	Perry	325	20	68.6	+ 6.9	91	5§	36	30	36	10.70	+7.20	3.23	0.0	13	3	20	8	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	71.6	+ 7.0	95	1	42	29	39	3.74	+0.44	1.09	0.0	10	4	16	11	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	9.60	+4.92	2.31	0.0	17	5	7	19	sw.	J. R. Huddleston
Pocahontas	Randolph	300	47	66.9	+ 5.2	90	5	33	28	37	8.11	+4.67	1.86	0.0	14	12	8	11	n.	Benedictine Sisters
Portland	Ashley	122	34	71.6	+ 6.7	93	1§	46	29	37	12 09	+9.24	6.60	0.0	11	11	6	14	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	52	74.2	+ 9.3	93	1	40	29	32	5 84	+2.74	1.67	0.0	10	8	12	11	s.	W. R. Hambright
Rogers	Benton	1300	50	64.8	+ 5.0	85	5§	28	28	32	13.95	†10.72	3.10	0.0	18	9	7	15	sw.	Howard Fowler
Rosebud	Faulkner	680	6	......	......	......	......	......	......	......	8.19	......	2.22	0.0	11	13	8	10	e.	G. A. Maddox
Russellville ‡‡	Pope	526	28	69.0	+ 2.4	92	5	35	28	37	11.13	+8.37	2.30	0.0	13	9	11	11	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	69.2	......	91	1	38	29	33	4.66	......	1.28	0.0	11	8	10	13	sw.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	8.26	+4.24	2.22	0.0	11	14	0	17	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	67.6	+ 5.0	91	6	36	29	37	6.34	+3.20	1.71	0.0	11	14	5	12	sw.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	3.79	+1.12	2.00	0.0	11	9	4	18	...	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	7.31	+3.46	2.00	0.0	12	12	6	13	s.	S. C. Story
Stuttgart	Arkansas	214	53	69.6	+ 6 2	94	1	39	29	34	4.13	+0.68	1.75	0.0	9	16	7	8	s.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	69.0	......	91	1	39	29	34	6.46	......	2.00	0.0	11	......	......	......	......	Rice Experiment Sta
Subiaco	Logan	750	43	69.2[a]	+ 5.6	90	6	37[a]	28	32[a]	9.81	+6.35	2.28	0.0	15	10	4	17	e.	New Subiaco Abbey
Texarkana	Miller	332	56	71.2	+ 5.4	92	1§	40	29	36	4.34	+0.91	1.85	0.0	8	16	3	12	......	H. S. Brashear

Climatological Data for October, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Turnpike†	Pope	2240	16	63.6		79	9§	29	28	28	12.94	+7.63	2.18	0.0	18	6	6	19	se.	U. S. Forest Service
Wabash	Phillips	179	1	69.3		92	1§	35	29	38	4.94		1.40	0.0	8	3	14	14	s.	Farm Security Adm.
Waldron	Scott	675	21	63.0[a]		89[a]	6§	36[a]	28	38[a]	9.00	+5.51	2.93	0.0	9	3[a]	17[a]	10[a]	se.	Wilson Ferguson
Warren	Bradley	206	46	72.1	+ 7.7	95	1	41	29	36	5.70	+2.17	2.00	0.0	9	4	5	22	se.	C. N. Turner
Whitecliffs	Little River	290	34								3.37	+0.30	1.10	0.0	7	10[a]	7[a]	13[a]		L. M. Snead
White Rock†	Franklin	2285	4	63.2		81	21	29	28	31	14.38		2.54	0.0	15	6	9	16	se.	U. S. Forest Service
Wilson	Mississippi	237	15	68.4	+ 5.6	92	8	35	29	40	5.13	+1.82	1.50	0.0	8	11	2	18	s.	D. O. Anderson
Wright	Jefferson	234	1	68.9		89	7	38	29	35	5.59		1.47	0.0	9	13	7	11	sw.	Farm Security Adm.
Wynne	Cross	167	32	69.1	+ 6.6	92	1§	35	29	39	4.59	+0.90	1.50	0.0	10	11	11	9	s.	B. M. Eddins
State Means				68.2	+ 5.4	96	1§	28	28	45	8.11	+4.91	6.60	0.0	13	8	9	14	s.	

Daily Precipitation for October, 1941

Stations	Drainage basin	Day of Month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alum Fork Reser.	Ouachita.	.55		.04	.43	T.		.45	1.02	.02				T	.04	.47	1.07	1.59									T.	.90			1.39	.73	8.70
Arkadelphia [2]	Ouachita..		.06	.06	.18	..	.06		.07	.10	.91						.09	1.16	.02									1.49			.67	1.41	6.28
Arkansas City [2]	Mississippi			.09	.20	.10	.16			.15	.38						T.		1.65									3.20			.08	6.00	12.01
Batesville Air'y [1]†	White	.63	.31	.11	.48	.10		.13		.53						.21	.90	.68							.02		.70				1.91	.36	7.07
Batesville River [2]	White	.30	.52	.35	.65				.20		.88						.61	.51	.73							.09		.68			.28	1.85	7.65
Bee Branch	Arkansas..		.85	.15	1.20	.45	T.	.10			1.45					T.	1.60	.97										.75			.95	1.45	9.92
Benton [2]	Saline		.01	.11	.40	.01			1.09	.29	.67						.42	.93	.10									1.51			.60	1.33	7.52
Bentonville [1]‡	Arkansas..	.72	.22	.04	2.04	.30		.44			.24			T.	.12	.76	1.85	.14	T.					T.	.28		.45	1.02		.17	3.75	.41	12.95
Bethesda ***	White.	.18	.40	.22	1.08	.06		.10			.48						*	2.38							T.			.84			2.00	.45	8.19
Big Lake Outlet [2]	St. Francis		.90	.18	.23	T.			T		.54						.30	.49	.64				.35					1.18				1.64	6.45
Black Rock [2]	White	.02	.69	.08	.98		T.		.10		.48					.73	.64	.31	.45							T.		1.11			.04	2.51	8.14
Blytheville [2]	St Francis			.07	.17				.08		.45						.23	.05	.39				.17					1.44			T	1.35	4.40
Booneville	Arkansas..	.61		.44	.88	.09			.09	.36						.77	.62	.10			.06						.07				1.83	1.03	6.95
Boughton [2]	Ouachita..				.69		.02	.01	.20		.50						.15	.80										.30			.20	1.02	3.89
Brinkley	White	.18	.01	.08		.45		.08	.17		.62					.02	.32	.09										.91			.50	1.13	4.56
Calico Rock [2]	White		.40	.35	.47		.30		.05		.45					1.60	2.00	1.15	.88			.23				.10	.05	1.40			.35	2.78	12.56
Camden [2]	Ouachita..			.05	.06		.33	.05	.50		.92						.03	.61	.02									1.64			.15	1.68	6.04
Clarendon [2]	White			.05			05		.10	.28	.62						.54	.01	.20									1.16			.27	1.43	4.71
Clinton	White	.60	.20	.15	2.00	.32		.98			.63						2.00	1.50				.08					1.30	.16		T	2.46	.96	13.34
Clover Bend	White	T.	.76	T	.28			T.			.88					.36	.78	.69										.59			2.90	.04	7.28
Conway	Arkansas..	.29	.10	.12	.53			.39			.87						2.30	1.29										.77			1.44	.55	8.65
Corning [2]	White		.07	.02	.62						.84					.80	1.30	.68	.71			.08						.72				3.20	9.04
Cotter [2]	White	T	38	T	.29	.04	.12	.08	T.		.69					1.93	1.38	2.18	.89			.08			T.	.10	.08	.52			.25	2.48	11.49
Crossett [near]	Ouachita..		.29	.14	.03	.18			.23	.32	.43							.12	T									2.17			.60	5.04	9.55
Danville [2]	Arkansas..		.68		3.40	.62	.22		.41	.01	.42						.42	.55	.06			.22					T.	.30			.04	2.87	10.28
Dardanelle [2]	Arkansas..		.37	.02	1.92	.78	.08		.03		.79						3.38	.98	.11		.02	.32						.43			.12		9.35
De Queen	Red																																
Des Arc [2]	White.		.24	.14	.06	T.			.04	.02	.69						.75	.06	.07									1.10			.08	1.12	4.37
Devils Knob	Arkansas..	.20	.14	.25	1.38	.16	.12	.40		1.00	.14				T	.73	1.97	1.14			.65	.07		.05	.22		1.51	.02			2.53	1.25	13.93
Dumas	Mississippi		T.	.22		.20	T.	.28	.32	.03	.71						.04	.60								T.		.83			.25	1.75	5.23
El Dorado [2]	Ouachita..			.82	.59	02	.81		T.		.47						.94	.06										1.40				2.62	7.73
England	Arkansas..			.05	.05	T.		.80	2.00		.50				.20	30	.24											1.70			.60	.90	7.34
Eureka Springs	White	.55	.05	.03	.70	.80		.20		.50				.63		1.80	2.26	.15	.03						.78		.73			.03	2.30	1.10	12.04
Fayetteville	White	.11	.18	.01	1.07	.37		.41		1.06	.14					3.20	2.43	.16	.01		T.				.78	T.	55	T.		.01	2.09	1.43	14.01
Fayetteville Exp. S	White.	.44	.22	.02	1.01	.19		.42		1.09	.10					2.23	2.44	.14	T.	T	T.			T.	.53	T.	.54	T		.01	2.19	1.47	13.04
Fort Smith [1]‡	Arkansas..	1.24	.01	34	1.20	.01	T	.38	T.	.63			T.	T		1.59	.01	.04		T.	T.					.31	.73			T.	2.98	.50	9.97
Fort Smith W. [2]	Arkansas.	.07	.01	.84	1.11	T.	.35	.19			1.01				.08	2.87	.13	.02		T.							.37	.44		.04	3.37	.11	11.01
Fulton [2]	Red				.10		T		.08	.91	.16						.15	.10	T.									.84			.03	1.23	3.60
Georgetown [2]	White		.80	.15	.40				.05		.60						.98	.05	.15									1.05			.10	1.40	5.73
Gilbert [2]	White		.10		.33				.26		.64					1.26	1.78	1.92	.88		.30	.87				.13		1.01			.30	2.12	11.90
Glenwood [2]	Ouachita..		.07		.49	.07			.49	.39	.79						.17	.68	.04									1.42			.12	1.48	6.21
Grannis	Red	.03	T.	1.44	.21	.22	T.	1.90	.25	.09	.36					.07	.06	.04			.53					.11	.22				1.44	1.22	8.19
Gravette	Arkansas..	.51	.47		2.51	.16		.39		.48					.03	1.76	1.47	.39					.12	.05	.21		1.24			.03	4.26	1.10	15.18
Green Mountain	White.	.02	.58	.08	.70	.36			.27		.15					1.04	1.74	1.00	.23		.49					.04		1.26			1.26	1.94	11.16
Harrison	White	.68		.05	.63	.39	.19	.35		.66						1.35	2.50	.95			.08	.01			.35		.40				3.25	.96	12.80
Heber Springs [2]	White.	T.	.13	.24	.46		.13		.08		1.49						2.07	.67	.77									.39			.73	1.34	8.50
Helena [2]	Mississippi			.15			.05		.30	.68	.45								1.13									1.10			.02	1.83	5.71
Higden	White																																
Highland	Ouachita..			.04	.10			.12	.11	.05	.95					.25	.20	.35				.44									.63	.60	3.84
Hope [2]	Red				.20		.32		1.60	.10	.17						.17	.16				27						.61			.12	1.37	5.09
Hot Springs	Ouachita..	.81		.44	.27		.02	.39	1.62	.01	27						.34	1.25									.78				.94	.42	7.56
Index [2]	Red						.40		.20	.10	.10						T.	.50										.80			T	.95	3.05
Irons Fork [2]	Ouachita..	.60	.29		1.68	.32	.05		.18	.50	.41				.03		1.07	.09	.01		1.19						.02	.80			.69	2.78	10.71
Jessieville	Ouachita..	1.75		.66	.41			.60	50	T.	.65				.03	.04	.68	1.56										.77			.95	.75	9.35
Jonesboro [2]	White		.14	.08	.78				.02		.55					03	.88	.01	.91									.82				1.90	6.12
Lead Hill	White	.15	.25	.01	.38	.26		.38	.02	.12						1.13	1.73	1.55			T.				.30		1.02	T.		T.	3.77	.75	11.82
Little Rock [1]‡	Arkansas..	.06	.02	.01	.13			1.17	1.35	.39	.01					.29	.55	T			T						.44	T.			1.19	.49	6.10
LittleRock Air'y [1]‡	Arkansas..	.04	T	.03	.47			1.48	1.53	.43						.08	.65	.02									1.12				1.28	.48	7.61
Lutherville	Arkansas..	.49	.21	.20	.74	.90		.25	10	.75	.75				T.	.33	1.89	.76			.08						.57				2.37	1.18	11.57
Madison [2]	St. Francis		.25	.05			.25		.15		.68						.15		1.43				T.					.80			.03	1.10	4.89
Magnolia	Red					.26	.20	.02	.24		.39							.96										2.70			.64	2.00	7.41
Mammoth Spg [2]	White	T.	.23	.70	.43	.05	T.	.04			.36					2.34	1.90	1.08	1.25			.16	.13				.06	1.64			.05	3.00	13.42
Marianna	St. Francis					.45	.10	.06	.25		.65					.90		1.20										1.42			1.40	.20	6.63
Marked Tree [2]	St. Francis		.20	.12	.01		.22		.39		.54						1.00		.75									1.36				1.10	5.69
Mena [2]	Ouachita..	1.60	.87		1.76	.10	.12	.01	.14	.07	.15	T.			T.	.04	.23	.10	.05		.96	T.					.16	.65			.29	4.17	11.47
Monticello Air. [1]‡	Ouachita.		.20	.26		.06		.03	.51	.13	.12						.11	.07									2.55	.11			.91	1.26	6.32
Morrilton [2]	Arkansas..		1.40	.40	.70	.16		T.	.05		.57						.78	3.20	.35									.75			.35	1.15	9.86
Mountainburg	Arkansas.	.14	.08	.15	1.26	.50	.20	.38		.96	.19			T		1.98	.90	.21			.04					.12	.86				2.70	.99	11.66
Mountain Home	White	.20	.20	.33	.18				.10	.50						1.80	1.40	1.80							T.		.48				2.13	.88	10.00
Mountain Valley	Ouachita..	.25	T.	.26	.14	T		.11	.29	.04	.46				.03	T	.44	1.16										.48			1.07	.43	5.16
Mount Ida	Ouachita..	.52			1.65	.39		.52	.40		.33						2.55	.76										.32			1.40	.70	9.54
Mount Ida CCC	Ouachita..	.19				.39	.01	.10	1.71	.04	.23							2.28											.37		1.30	.20	6.82
Mulberry [2]	Arkansas..		.35		.82	1.04		.40		.13	.83					.20	1.17	.22	.30		.11						.33	.31			.15	3.06	9.42
Nashville	Red			.03	.14	.05	.02	.15	.44	.04	.28					.32	.09	.08									.18	.02			.55	.48	2.87
Newport [2]	White.		1.64	.10	.27						.85						1.08	.21	.29				.20					.64			*	1.98	7.26
Oden [1]	Ouachita..	1.05				.95	.10	.60	.48		.47						.57	.25			.31						.51				1.20	1.02	7.51
Okay	Red			.11	.09	.31			.64	.06	.06					.30		.06										.54			.30	.45	2.92
Osceola [2]	Mississippi		T.		.40	.05	.02				.45					.06	.91	T	.76			.06						1.27			.01	1.16	5.15
Ozark [2]	Arkansas..		1.35		.63	39	.02	.09	.25	.02	.78					.06	.90	.41			.05	T.					.11	1.16			.36	2.80	9 38

Daily Precipitation for October, 1941 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Paragould	St. Francis	.03	.06	.06	.39	....	..	.03	....	....	.39	....	....	....	....	.23	.88	.34	.16	.01	..	....	....	....	....	....	T.	.64	....	....	.57	1.55	5.34
Parkin[2]	St. Francis	....	....	T.	.30	....	.93	....	.30	..	.48	....	....	....	....	....	.64	....	1.26	....	....	.13	..	....	....	...	....	1.02	....	....	T.	.98	6.04
Perryville	Arkansas	.80	.66	.54	.17	...	....	.55	....	....	.60	....	....	....	....	1.62	.51	3.23	....	....	..	....	....	....	....	....	.60	....	....	.25	.63	.54	10.70
Pine Bluff[2]	Arkansas	....	....	.08	....	....	.29	....	.69	.04	.80	....	....	....	....	....	.16	....	.04	..	....	....	....	....	....	....	....	53	....	....	.02	1.09	3.74
Pine Ridge[2]	Ouachita	....	.62	....	1.09	.43	.04	.02	.62	.98	.84	....	....	....	....	....	.74	.19	.04	....	.61	.04	....	....	....	....	.07	.44	....	....	.52	2.31	9.60
Pocahontas	White	....	.43	.10	.51	....	....	.04	...	...	.50	....	....	....	....	1.18	1.03	.46	.07	....	.08	.10	....	....	....	....	....	.83	....	....	.92	1.86	8.11
Portland[2]	Ouachita	....	.09	.10	.23	.07	....	..	....	1.27	.60	....	....	....	....	....	....	.15	1.30	....	....	....	....	....	....	..	....	1.56	...	...	.12	6.60	12.09
Prescott[2]	Ouachita	....	....	.05	.72	...	.21	.01	1.67	T.	.29	....	....	....	....	....	T	1.03	....	....	....	....	....	....	....	....	....	.43	....	....	.19	1.24	5 84
Rogers (near)	White	1.12	.12	.19	.90	.42	.04	.33	.01	.65	....	....	....	....	....	2.01	1.90	.26	...	....	....	....	.03	.07	.40	....	1.20	T	....	T.	3.10	1.20	13.95
Rosebud	Arkansas	.49	.12	.11	.23	....	....	..	....	....	.70	....	....	....	....	....	2.22	1.50	.07	....	....	....	....	....	....	....	....	.54	....	....	*	2.21	8.19
Russellville	Arkansas	.30	.35	....	2.06	.71	....	.04	....	....	.40	....	....	....	.20	....	2.30	.56	....	....	.09	....	....	....	....	....	....	.55	....	....	1.60	1.97	11.13
St. Charles[2]	White	....	....	.11	.10	....	.20	....	.77	.14	.72	....	....	....	....	....	....	.01	.58	....	....	....	....	....	....	....	....	.70	....	.	.05	1.28	4.66
St. Francis[2]	St. Francis	....	.33	.30	.48	....	....	....	....	...	.42	....	....	....	....	1.99	.39	.51	.42	....	....	T.	.22	....	....	....	....	.98	....	....	....	2.22	8.26
Searcy[2]	White	....	.90	.41	.05	....	....	....	.12	T.	.71	....	....	....	....	....	.11	.25	.42	....	....	....	...	....	....	....	....	1.40	....	....	.26	1.71	6.34
Spring Bank[2]	Red	....	....	....	.10	....	.05	.02	.20	.11	.02	....	....	....	....	....	.31	.05	....	....	....	....	....	....	....	....	..	.86	...	....	.07	2.00	3.79
Story[2]	Ouachita	...	.45	....	2 00	.34	....	....	.31	.20	.18	....	....	....	....	....	1.00	.86	..	....	....	....	..	....	....	....	....	.41	....	.23	1.21	.12	7.31
Stuttgart[2]	Arkansas	....	....	.10	....	.03	.02	....	.78	....	....	....	....	....	....	..	....	.05	.07	....	....	..	....	....	....	....	....	1.75	....	....	.10	1.23	4.13
Stuttgart Evap.[2]	Arkansas	....	....	.07	....	....	.68	....	1.13	.11	.59	....	....	....	....	....	.20	.05	.26	....	..	....	....	....	....	....	...	2.00	....	....	.20	1.17	6.46
Subiaco	Arkansas	2.28	.11	.13	.81	.07	....	.04	.03	T.	.57	....	....	....	....	1.01	68	.36	....	....	.17	....	....	....	...	....	.70	....	....	....	2.00	.85	9.81
Texarkana[2]	Red	....	..	....	.15	....	....	....	....	.40	.10	....	....	....	....	....	.42	.08	....	....	....	....	....	....	....	..	....	1.85	..	....	.04	1.30	4 34
Turnpike	Arkansas	.06	.08	.20	.78	.22	.30	.88	....	.65	...	....	....	....	....	.10	1.93	1.03	....	....	.53	.01	....	.63	.15	..	2.18	....	....	....	2.01	1.20	12.94
Wabash	Mississippi	....	....	.14	....	.20	....	....	.83	....	.58	....	....	....	...	....	....	.67	....	....	....	....	....	....	....	....	...	.99	....	....	.13	1 40	4.94
Waldron	Arkansas	.90	....	2.65	.20	.25	....	....	....	..	....	....	....	....	....	.90	.10	....	....	....	....	....	....	....	....	....	.70	....	....	....	2.93	.37	9.00
Warren	Ouachita	....	.14	T	.12	.43	T	T.	.08	T.	.19	....	....	....	....	....	.85	T	....	....	....	....	....	....	....	....	T.	1.79	....	....	.10	2.00	5.70
Whitecliffs[2]	Red	....	....	...	T.	...	.60	.15	.10	....	....	....	....	....	....	..	1.02	.30	....	....	....	....	....	....	....	....	....	.10	....	..	T.	1.10	3.37
White Rock	Arkansas	T.	.23	.20	1.24	1.11	T.	.76	....	.64	1.02	....	....	....	.02	1.01	1.52	.64	....	....	.06	....	....	....	....	T.	2.33	T	....	....	2.54	1.06	14.38
Wilson[2]	Mississippi	....	.23	.10	.19	....	....	....	....	....	....	....	....	....	....	....	.83	..	.91	..	....	....	65	....	....	....	....	1.50	....	....	....	72	5.13
Wright	Arkansas	....	....	....	....	.15	....	1.04	.17	....	.92	....	....	....	....	T.	.34	.18	....	....	....	..	....	....	....	....	....	1.47	....	....	.64	.68	5.59
Wynne[2]	St. Francis	....	.08	.04	.30	....	.20	....	.15	....	.28	....	....	....	..	....	.56	....	.38	..	....	....	....	....	....	....	....	1.50	....	....	....	1.10	4.59

Daily Temperatures for October, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	88	85	86	83	88	87	85	77	85	83	76	79	80	84	83	69	65	78	79	85	89	87	85	79	75	76	73	57	63	60	65	78.5
	Minimum	63	63	70	71	72	72	71	59	64	57	46	47	57	66	65	48	53	47	54	60	62	60	62	59	58	57	45	39	35	45	48	57.3
Arkadelphia §§	Maximum	91	92	88	91	90	91	90	83	85	83	79	83	84	87	86	63	83	80	83	89	90	90	89	85	80	83	63	62	67	66	68	82.1
	Minimum	65	63	68	73	74	71	70	71	61	60	45	46	54	59	68	55	54	47	49	62	62	62	61	61	59	59	54	45	39	40	51	58.3
Batesville ***	Maximum	91	83	89	87	90	90	79	82	88	76	78	81	84	80	78	57	66	76	80	83	81	87	82	70	76	76	58	58	65	56	67	77.2
	Minimum	61	64	70	72	71	72	63	61	62	50	42	44	53	68	51	48	54	54	50	59	60	62	62	56	51	53	42	36	31	45	43	55.3
Bee Branch	Maximum	83	80	84	82	85	85	82	77	83	83	72	75	78	83	80	66	63	74	78	82	85	83	80	77	73	70	70	58	62	60	62	76.0
	Minimum	61	65	69	70	70	70	68	61	63	52	40	43	51	66	64	46	53	50	50	57	59	58	59	57	51	55	44	33	33	44	44	55.1
Benton §§	Maximum	90	88	89	93	89	90	89	71	89	76	77	81	63	85	86	60	66	68	81	88	88	88	90	82	80	79	58	59	64	66	67	78.7
	Minimum	61	64	66	73	74	71	68	64	60	58	41	41	47	52	62	53	52	46	47	46	57	58	58	58	57	56	53	43	35	36	49	55.0
Bentonville ***	Maximum	74	72	78	73	86	84	76	81	83	72	75	76	82	81	66	56	65	70	73	81	85	83	73	72	72	72	58	54	60	52	50	72.1
	Minimum	65	65	67	70	72	72	56	56	60	47	44	44	53	65	48	48	53	55	56	58	60	62	63	61	59	58	34	30	41	48	37	55.1
Blytheville	Maximum	91	84	87	88	88	91	90	81	90	79	78	81	85	85	74	66	80	72	76	87	80	87	81	72	74	73	64	51	64	62	70	78.5
	Minimum	65	67	72	74	75	73	70	63	63	54	44	45	53	65	66	53	56	56	52	57	62	60	63	51	47	52	51	44	26	47	50	57.7
Booneville	Maximum	83	84	85	85	88	88	85	77	90	83	78	80	84	86	80	68	66	80	80	84	88	85	87	83	77	75	71	59	66	62	55	78.8
	Minimum	66	67	68	70	72	74	69	66	66	54	42	47	60	70	66	59	55	48	53	63	60	62	61	63	62	63	44	34	38	47	45	58.2
Brinkley	Maximum	90	86	88	89	86	89	87	76	87	82	77	80	84	85	87	72	79	78	81	89	89	88	89	78	77	77	72	56	54	65	70	80.2
	Minimum	63	65	71	72	73	71	67	62	64	57	41	41	51	64	63	51	57	50	51	57	54	58	58	60	50	52	49	43	35	41	55	56.4
Camden	Maximum	95	91	89	90	93	90	91	96	89	91	85	83	93	90	95	84	75	88	90	92	92	91	90	88	89	86	87	65	66	69	73	86.6
	Minimum	64	65	72	73	73	69	70	71	70	60	45	47	55	64	63	57	60	49	55	60	60	59	59	61	57	59	51	43	39	47	50	58.9
Clover Bend	Maximum	85	86	88	85	90	91	85	83	88	81	77	83	82	86	81	60	70	80	74	84	83	86	87	74	76	75	71	61	60	65	64	78.7
	Minimum	58	61	68	66	72	66	65	55	56	45	37	38	40	62	55	49	53	50	45	52	55	58	57	50	44	47	43	37	31	38	41	51.4
Conway	Maximum	90	90	89	90	93	94	87	79	90	83	81	83	85	90	87	70	67	82	84	90	93	92	91	82	77	79	75	62	68	59	67	82.2
	Minimum	66	67	73	74	77	74	72	65	65	56	44	47	55	69	68	52	58	49	54	62	62	62	63	61	59	57	50	40	38	48	48	59.2
Corning	Maximum	85	89	87	89	91	91	82	81	90	77	78	81	86	86	79	58	72	76	79	79	82	86	86	75	75	75	65	57	65	57	70	78.4
	Minimum	62	65	68	71	75	72	70	55	59	49	40	41	47	65	51	53	53	54	59	54	58	57	62	54	45	57	57	34	33	45	54	55.1
Crossett	Maximum	93	84	90	89	91	90	91	92	88	78	78	84	81	88	87	75	73	80	84	90	89	90	92	86	81	81	75	57	55	67	70	82.2
	Minimum	60	66	73	72	74	67	65	69	67	63	41	44	54	60	62	66	64	61	59	63	60	59	58	68	54	59	56	45	46	44	53	59.7
Dardanelle	Maximum	85	86	88	85	90	88	84	81	91	89	77	79	84	88	85	68	65	76	80	82	86	87	87	82	75	76	67	59	63	58	59	79.0
	Minimum	67	69	72	72	73	74	74	67	68	57	45	49	59	68	57	52	57	52	55	64	63	63	65	63	63	63	49	39	42	49	48	59.9
De Queen	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Devils Knob	Maximum	76	72	74	74	78	79	75	73	78	67	67	73	74	76	72	59	58	70	72	75	74	89	79	72	67	65	63	52	56	52	56	69.9
	Minimum	65	64	67	67	63	69	63	61	62	49	51	55	59	65	59	45	50	50	57	60	64	69	64	60	59	55	37	29	37	43	38	56.2
Dumas	Maximum	96	87	94	94	94	94	93	83	87	78	79	82	86	88	89	75	79	82	82	86	90	90	89	85	80	78	74	65	54	68	70	82.3
	Minimum	66	67	72	72	75	70	64	71	70	60	49	45	65	65	64	63	64	60	58	62	76	61	62	63	55	62	53	45	38	44	54	61.1
El Dorado	Maximum	95	84	89	90	88	89	91	92	89	81	75	84	86	87	86	75	76	80	84	90	89	91	89	85	84	81	74	65	56	70	69	82.7
	Minimum	70	70	74	74	75	72	72	73	72	64	49	53	60	62	67	63	65	54	60	66	67	64	64	64	66	59	61	45	46	49	49	62.9
England	Maximum	91	89	90	87	89	90	94	78	88	80	75	80	83	88	72	73	77	80	88	89	89	86	85	78	77	77	72	56	58	67	68	80.5
	Minimum	64	64	72	72	74	70	61	64	68	58	43	47	55	65	54	58	50	55	59	61	62	61	60	62	54	66	52	44	38	44	55	58.4
Eureka Springs	Maximum	78	78	80	80	85	83	77	83	81	72	75	87	82	82	73	58	61	75	78	81	86	82	78	72	75	68	68	54	58	53	52	74.0
	Minimum	63	65	67	69	69	72	58	56	64	46	44	52	60	70	56	48	51	52	58	57	63	63	64	60	56	58	36	28	36	46	36	55.6
Fayetteville	Maximum	80	77	79	79	85	84	79	83	83	74	75	78	82	82	77	62	63	76	78	81	85	82	80	75	74	70	69	59	62	62	52	75.1
	Minimum	64	65	67	69	68	71	58	60	66	48	39	47	63	69	60	47	53	53	56	61	61	59	63	60	59	60	38	30	37	47	37	56.0
Fayetteville Exp. S	Maximum	79	77	78	79	84	83	81	81	83	70	73	76	80	80	78	61	63	75	77	79	85	80	80	74	72	70	68	53	61	57	51	73.8
	Minimum	65	67	67	70	70	72	59	58	67	48	41	50	63	71	61	47	54	54	58	62	64	62	64	61	58	61	39	30	38	48	39	57.0
Fort Smith***	Maximum	83	82	77	85	87	88	82	73	86	75	77	77	84	85	76	59	65	79	79	81	87	86	84	79	74	75	64	57	63	56	52	76.0
	Minimum	67	69	70	72	72	76	67	68	68	58	50	54	63	72	66	54	57	55	60	65	66	66	67	66	65	62	42	38	45	48	42	61.0
Gilbert§§	Maximum	83	84	85	84	87	90	81	80	88	73	76	84	83	87	68	57	65	77	81	84	87	86	85	75	74	74	53	56	65	56	62	76.5
	Minimum	58	62	66	68	73	74	71	64	60	46	42	42	46	67	63	48	49	52	50	51	58	58	58	59	56	57	50	29	29	35	46	54.4
Grannis	Maximum	84	83	84	86	90	87	87	80	89	75	75	89	82	83	76	69	59	80	80	87	89	87	87	86	75	75	65	59	65	65	61	78.7
	Minimum	68	63	64	69	68	70	68	64	66	56	41	67	54	66	62	52	52	44	55	61	62	62	58	60	58	58	41	36	36	45	40	57.0
Gravette	Maximum	79	78	82	78	86	85	81	83	84	73	75	76	83	82	73	64	63	77	78	83	86	72	79	73	73	74	71	57	58	60	53	75.1
	Minimum	63	65	66	70	67	72	55	56	64	46	42	50	60	68	58	47	51	52	56	58	62	63	62	60	57	60	37	28	38	47	36	55.4
Green Mountain	Maximum	74	80	82	81	82	84	81	81	80	69	69	73	79	81	81	60	64	71	73	77	78	80	77	73	68	69	66	51	60	58	64	73.1
	Minimum	63	65	69	70	71	72	65	65	66	51	51	54	62	68	59	48	51	53	55	60	67	66	68	55	56	55	41	32	34	45	50	57.6
Harrison	Maximum	75	85	84	84	85	85	67	76	86	72	71	76	80	84	76	58	61	71	75	80	83	80	78	73	70	70	65	55	60	65	69	74.5
	Minimum	65	64	65	68	70	72	63	57	65	48	42	40	62	68	57	51	52	53	52	61	60	59	62	61	58	58	48	31	35	46	42	56.0
Helena	Maximum	91	85	87	88	89	90	89	77	86	80	77	78	83	84	87	75	89	78	81	90	88	90	87	76	76	78	72	55	51	67	70	80.5
	Minimum	67	68	70	72	73	71	69	59	56	59	45	46	59	63	65	57	59	58	56	52	61	65	62	60	51	54	53	42	36	40	57	58.2
Highland	Maximum	89	88	86	84	92	89	87	83	86	85	78	79	84	84	78	77	78	79	80	83	87	83	85	87	80	78	75	54	60	63	65	80.2
	Minimum	66	66	71	72	73	72	70	68	69	59	47	46	57	58	66	64	50	58	61	60	64	65	66	62	61	59	47	39	42	48	45	59.7
Hope §§	Maximum	91	90	89	88	89	90	89	86	85	74	80	82	84	88	85	61	71	83	80	90	89	90	90	85	81	82	61	52	64	68	55	80.4
	Minimum	67	68	69	73	74	73	72	71	70	62	44	46	56	60	66	57	57	48	56	61	64	61	61	64	61	61	56	44	40	45	51	59.9
Hot Springs	Maximum	89	87	84	85	90	89	82	78	86	79	87	78	84	84	80	77	71	79	81	86	89	87	88	84	77	78	65	48	60	56	64	79.1
	Minimum	70	68	72	73	74	74	74	62	67	68	48	50	60	60	68	52	57	51	57	65	61	66	65	63	62	62	45	44	39	47	40	59.8

Daily Temperatures for October, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork.......§§	Maximum	81	79	83	81	88	85	79	74	88	75	77	75	79	79	77	60	63	79	79	83	85	84	85	81	71	71	49	59	68	59	54	75.2
	Minimum	62	65	69	69	70	70	72	67	64	55	39	44	55	67	66	51	51	43	52	65	58	59	57	59	59	61	48	38	36	46	48	56.9
Jonesboro	Maximum	88	88	88	89	90	90	84	84	88	82	77	81	84	86	79	61	76	73	79	85	85	88	81	74	75	73	72	55	63	62	72	79.1
	Minimum	62	66	70	72	75	72	71	63	63	54	44	45	52	68	61	52	55	53	53	58	63	61	64	57	48	52	48	41	37	45	51	57.3
Lead Hill..........	Maximum	79	83	83	86	89	88	79	77	88	75	76	79	85	85	75	59	62	75	79	82	84	86	80	70	72	70	67	55	57	57	59	75.5
	Minimum	63	66	69	70	71	74	69	54	62	45	38	44	60	68	58	54	52	54	50	59	57	58	62	59	57	57	41	30	33	48	44	55.7
Little Rock..***	Maximum	87	85	87	86	87	86	83	72	85	72	74	78	81	82	84	59	69	77	78	85	85	86	84	76	75	77	65	55	58	62	67	77.0
	Minimum	68	68	73	75	75	74	72	61	67	60	52	54	60	70	57	53	57	52	58	63	65	66	66	64	61	61	45	44	40	48	44	60.4
Little Rock.....*** [Airport]	Maximum	87	87	87	87	88	88	84	72	88	73	76	78	82	84	86	60	70	79	79	87	87	86	89	77	76	78	65	57	59	63	68	78.3
	Minimum	67	66	73	75	74	74	72	62	65	52	47	49	56	69	58	53	57	52	56	61	63	62	62	62	58	60	45	42	40	47	45	58.8
Lutherville........	Maximum	81	83	83	83	86	87	82	75	86	75	73	78	81	85	79	64	62	75	79	82	86	84	84	73	74	70	67	53	63	56	59	75.7
	Minimum	67	67	70	72	73	73	70	64	66	52	46	47	58	70	62	48	54	52	54	62	63	63	70	60	58	59	44	33	38	46	42	58.2
Magnolia..........	Maximum	95	90	91	92	87	92	92	93	92	84	80	86	87	88	88	74	72	85	88	91	93	92	91	88	88	84	85	62	61	68	70	84.8
	Minimum	73	69	72	74	74	72	73	73	73	65	45	50	60	66	68	64	60	50	57	67	63	62	60	64	61	62	59	45	45	48	50	62.1
Mammoth Spring.	Maximum	73	86	86	85	86	87	80	78	88	74	76	80	84	85	78	57	65	71	78	72	84	84	80	73	73	71	69	61	57	58	64	75.6
	Minimum	61	63	70	72	73	72	70	56	60	48	40	43	52	66	56	52	52	53	56	56	57	59	64	56	56	53	45	33	45	55	55	56.4
Marianna..........	Maximum	92	89	89	89	90	90	90	87	87	80	80	80	84	85	88	78	80	80	80	89	91	89	89	78	78	77	72	72	54	67	70	82.1
	Minimum	57	67	72	72	72	70	67	60	64	57	42	42	53	62	62	55	56	54	53	58	60	60	60	60	49	52	52	43	36	41	51	56.7
Marked Tree....§§	Maximum	90	84	87	89	87	90	89	82	88	75	77	80	84	85	83	66	79	75	80	87	85	88	85	72	74	75	65	57	63	68	70	79.3
	Minimum	62	66	69	73	74	70	68	63	65	54	41	42	51	65	65	52	53	53	51	55	61	60	61	51	46	52	57	41	35	40	52	56.4
Mena..............	Maximum	81	84	86	86	88	87	82	73	82	73	77	80	82	81	76	70	66	79	82	82	85	85	87	82	71	75	66	56	67	57	56	76.9
	Minimum	65	67	62	62	66	72	72	64	68	58	45	50	58	70	65	52	55	48	57	64	62	62	62	63	62	62	44	39	40	46	42	58.2
Monticello......***	Maximum	93	82	90	89	89	91	90	80	86	76	79	82	82	86	87	68	73	81	84	90	91	90	89	85	80	78	65	54	53	68	70	81.0
	Minimum	70	68	73	71	75	72	70	73	72	63	53	51	59	65	67	64	65	59	62	65	64	66	64	65	56	60	54	45	43	47	46	62.2
Morrilton ....§§	Maximum	86	87	90	87	91	90	85	75	89	74	77	81	84	90	84	58	67	77	81	85	89	89	87	78	75	80	57	58	63	64	64	78.8
	Minimum	65	67	71	72	73	73	73	63	65	58	46	47	57	60	68	50	52	50	54	57	61	60	61	60	59	61	50	39	39	43	49	58.2
Mountain Home...	Maximum	79	84	85	85	86	89	80	88	87	78	76	80	85	87	71	57	64	76	79	88	85	86	85	71	74	72	65	56	62	56	63	76.9
	Minimum	56	56	56	54	57	57	57	54	51	46	40	44	57	66	55	51	51	51	50	51	60	60	61	57	54	56	41	32	35	48	45	51.9
Mt. Ida	Maximum	87	86	87	82	90	88	86	79	88	81	77	79	82	85	82	73	67	81	82	88	88	87	89	84	75	80	70	58	67	57	59	79.5
	Minimum	62	65	69	72	73	75	72	63	69	57	40	44	52	70	63	52	56	45	51	63	61	58	67	59	61	61	46	42	35	48	46	58.0
Nashville..........	Maximum	90	86	87	86	92	89	89	83	88	79	78	79	84	86	81	69	71	80	80	84	87	89	88	86	76	83	71	55	64	67	67	80.6
	Minimum	68	69	73	74	75	74	71	72	71	59	48	52	58	69	65	57	58	58	60	68	66	64	63	66	62	62	50	44	41	49	46	61.7
Newport...........	Maximum	87	86	90	89	91	90	83	84	88	81	76	80	83	87	84	66	72	77	81	87	86	89	85	77	77	76	70	60	66	59	70	79.9
	Minimum	63	66	72	73	76	73	72	65	64	58	44	44	53	66	66	56	56	52	51	58	64	63	62	60	51	60	50	40	36	46	53	58.5
Oden......... ..***	Maximum	83	84	87	82	89	88	84	72	87	76	76	78	83	84	81	66	66	82	80	86	86	85	86	82	74	76	62	57	68	56	56	77.5
	Minimum	70	67	70	72	73	75	70	64	69	56	42	48	69	70	66	53	53	48	55	67	63	61	61	62	62	61	43	39	39	49	41	59.3
Okay	Maximum	90	89	88	91	91	89	90	91	88	83	78	86	84	86	85	72	72	82	86	89	90	89	90	87	80	83	79	70	62	75	69	83.4
	Minimum	70	71	72	74	77	74	73	71	72	63	44	50	52	48	67	58	58	49	58	59	65	63	60	65	63	64	54	44	41	52	48	60.6
Ozark..............	Maximum	85	82	80	84	87	88	85	77	87	76	75	79	85	85	78	70	62	74	80	80	86	84	82	78	76	72	62	65	61	69	58	77.2
	Minimum	64	64	67	68	68	70	64	60	64	48	42	46	59	65	62	49	52	48	52	59	59	60	59	60	59	55	48	31	37	44	38	55.5
Paragould....... .	Maximum	84	85	86	86	88	88	83	79	86	82	71	76	82	85	80	60	77	71	75	82	80	82	81	75	70	73	70	54	60	61	71	76.9
	Minimum	63	66	71	73	76	71	70	64	62	54	40	41	48	48	60	53	56	55	51	56	61	60	61	56	47	51	50	41	35	44	60	56.3
Perryville	Maximum	87	87	88	87	91	91	87	79	90	82	77	80	85	86	85	69	69	80	78	78	84	89	87	78	77	79	75	57	58	64	65	79.6
	Minimum	63	65	72	74	73	72	71	66	66	58	41	46	54	70	67	50	56	48	52	52	60	59	61	60	58	60	48	39	40	36	46	57.5
Pine Bluff.........	Maximum	95	85	89	91	86	91	91	77	86	77	88	88	84	84	89	76	72	82	84	88	89	91	87	82	80	79	74	56	52	67	69	81.7
	Minimum	70	69	74	75	75	72	72	68	71	61	49	49	57	70	67	56	61	53	58	63	64	63	63	65	60	60	51	45	42	47	53	61.4
Pocahontas	Maximum	88	86	88	86	90	89	85	81	88	85	76	79	84	85	80	59	68	70	79	80	85	85	83	76	74	75	69	58	65	58	69	78.2
	Minimum	62	63	70	71	75	71	70	57	60	57	41	42	48	66	54	51	53	54	51	57	58	60	63	54	47	57	46	33	35	45	53	55.6
Portland	Maximum	93	90	90	92	92	93	93	91	85	76	78	84	86	87	89	79	75	82	80	90	90	90	90	85	80	79	75	59	68	68	60	82.9
	Minimum	65	65	70	70	70	73	65	66	67	62	55	47	54	59	62	65	63	57	62	60	61	61	60	61	56	55	58	47	46	48	56	60.2
Prescott............	Maximum	93	89	89	90	88	90	90	82	86	85	79	82	83	83	85	73	70	80	81	88	89	90	89	84	81	82	80	54	65	65	68	81.7
	Minimum	71	68	73	74	74	74	73	72	70	62	47	50	52	69	68	57	58	50	59	63	65	63	63	65	60	62	54	45	49	49	50	61.3
Rogers	Maximum	79	76	79	76	85	84	76	82	83	71	73	76	82	82	76	59	63	75	80	82	85	82	79	72	74	69	66	54	61	54	51	73.7
	Minimum	64	66	67	69	70	71	57	56	66	46	41	48	60	70	58	48	52	54	56	60	63	61	63	60	58	59	38	28	38	47	35	55.8
Russellville.	Maximum	91	87	87	86	92	90	86	83	91	88	79	80	86	90	86	70	66	80	80	85	89	89	86	87	79	80	74	62	65	63	60	81.2
	Minimum	63	65	69	70	71	72	71	64	66	54	42	45	55	64	65	49	54	50	51	62	59	59	58	59	59	55	47	35	38	46	45	56.8
St. Charles ......§§	Maximum	91	86	89	89	89	90	90	80	86	74	76	81	83	85	88	69	79	80	82	88	90	88	87	80	78	77	64	51	58	67	70	80.2
	Minimum	64	66	70	71	74	70	68	61	62	58	43	48	55	65	61	57	57	56	55	59	60	59	59	61	52	53	59	43	38	42	55	58.1
Searcy	Maximum	87	85	86	89	90	91	86	77	87	75	77	79	84	85	85	67	70	77	79	85	87	86	86	78	77	75	73	56	63	58	68	79.0
	Minimum	62	64	70	72	73	70	68	63	62	53	42	42	52	64	64	52	55	48	51	58	61	59	60	59	53	53	47	38	36	45	50	56.3
Stuttgart	Maximum	94	86	89	90	88	90	92	76	89	78	80	81	85	86	90	73	78	77	81	89	89	89	86	78	77	77	72	55	51	67	70	80.7
	Minimum	64	65	72	72	73	70	68	65	67	57	46	47	54	65	64	56	59	52	56	60	62	63	60	60	52	55	53	44	39	44	54	58.6
Stuttgart (near).§§	Maximum	91	85	89	89	87	88	89	80	86	74	77	80	83	85	86	65	77	80	82	88	88	89	87	78	78	77	62	53	55	68	67	79.5
	Minimum	64	67	72	71	73	71	67	61	62	59	44	46	54	66	63	57	57	53	56	60	60	61	60	62	54	55	59	44	39	41	53	58.4
Subiaco	Maximum	83	84	85	88	89	90	84	79	87	82	79	81	85	89	81	67	64	79	80	83	80	86	86	80	77	79	70	60	65	57	57	78.6
	Minimum	69	68	70	71	76	75	71	66	66	55	47	49	60	71	67	51	56	52	56	..	64	63	65	64	62	63	46	37	41	48	45	59.8
Texarkana	Maximum	92	89	91	89	92	91	90	90	87	80	79	85	88	89	75	67	75	85	82	91	90	91	89	88	83	84	68	55	60	69	65	82.2
	Minimum	69	67	70	71	73	72	72	70	71	60	46	52	59	67	67	58	52	49	58	65	62	61	61	64	61	59	52	42	40	49	45	60.1
Turnpike..........	Maximum	77	77	77	77	78	78	74	72	79	72	70	73	75	79	72	60	59	73	77	78	79	79	78	72	67	64	62	57	63	55	62	71.5
	Minimum	65	64	67	67	69	68	65	60	62	49	51	53	60	65	59	43	49	50	62	58	65	64	63	57	56	55	37	29	36	42	38	55.7
Waldron	Maximum	87	84	..	88	88	89	83	78	89	83	78	79	84	88	80	75	69	80	80	86	88	87	86	83	77	73	69	59	65	61	55	79.0
	Minimum	64	66	..	66	70	74	66	65	67	55	40	54	57	70	65	50	55	46	53	62	60	58	60	61	61	62	44	36	37	46	41	57.0
Warren	Maximum	95	89	94	91	89	91	91	90	85	80	78	84	83	86	88	79	72	81	85	90	89	90	90	85	81	80	70	56	56	68	69	82.4
	Minimum	70	70	74	74	76	73	72	74	73	64	45	48	57	68	66	62	65	55	58	64	64	62	63	65	57	60	54	45	41	47	51	61.8
White Rock	Maximum	77	75	71	74	80	80	77	75	79	70	70	72	78	78	72	60	57	75	74	75	81	79	79	75	67	63	65	56	59	54	56	71.1
	Minimum	63	63	66	66	66	68	60	62	63	49	51	55	59	65	59	48	51	49	52	60	64	64	63	59	57	55	34	29	37	42	35	55.3
Wilson	Maximum	91	85	87	89	89	89	91	92	89	82	78	82	84	84	83	72	79	75	79	84	84	88	78	74	74	77	64	57	62	65	66	79.8
	Minimum	64	64	70	72	75	74	69	64	62	55	43	42	54	62	64	53	55	54	53	56	63	60	65	57	47	52	48	43	35	45	49	57.1
Wynne	Maximum	92	87	80	90	88	89	92	80	86	83	77	81	85	86	85	70	80	79	80	89	88	90	86	76	76	76	71	57	65	64	71	80.6
	Minimum	63	66	70	73	73	71	68	64	65	55	40	42	56	66	65	53	56	52	55	59	62	61	62	59	46	54	50	42	35	41	61	57.6

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for October, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, ...§§ Exp. Farm	Evap.	.148	.254	.130	.104	.176	.110	.182	...	.074	.140	.218	.142	.128	.085	.115	.096	.048	.044	.108	.098	.174	.140	.136	.136	.140	.162	.220	.164	.048	.062	....	3.782
	Mean tem.	79	79	79	80	82	82	80	78	78	68	62	64	70	74	76	69	64	66	68	76	76	76	76	74	71	72	58	48	52	56	53	70.2
	Wind move	39	38	16	36	61	44	26	35	26	69	41	18	12	46	21	26	36	30	15	31	5	12	22	16	18	32	75	74	31	43	39	1033
Irons Fork... §§ Exp. Forest	Evap.	.095	.041	.033	....	.055	.073	.094	.034	.025	.117	.133	.068	.033	.028	.039	.066	.004	.028	.041	.035	.053	.039	.036	.038	.032	.047	.052	.072	.029	.024	....	1.464
	Mean tem.	72	72	76	75	79	78	76	72	76	65	58	64	67	73	72	56	57	61	66	74	82	72	71	70	65	61	48	48	52	52	51	66.0
	Wind move	8	3	5	11	29	13	19	3	7	18	10	4	2	20	5	3	1	3	3	8	1	0	3	1	1	17	21	17	11	17	4	268
Russellville.... Ozark Nursery.	Evap.	.090	.128	.078	....	....	.144	.104	.166	.090	.238	.122	.118	.104	.308	.012	....	.024	.086	.104	.098	064	.142	.090	.078	.092	.018	.238	.088	.092	....	....	2.916
	Mean tem.	77	76	78	78	82	81	78	74	78	72	60	62	70	77	76	60	60	65	66	74	74	74	72	73	69	68	60	48	52	54	52	69.0
	Wind move	16	25	25	40	48	34	36	24	29	53	5	16	25	32	25	38	22	20	19	10	9	13	16	17	5	31	34	96	26	32	47	868
Stuttgart, ...§§ Rice Exp.Farm	Evap.	.215	.169	.085	.120	.185	.061	.132	.121	.042	....	.189	.116	.100	.129	.117	.131	....	.031	.086	.124	.100	110	.204	.005	.196	.017	.033	.132	.047	.003	.056	3.056
	Mean tem.	78	76	80	80	80	80	78	70	74	66	60	63	68	76	74	61	67	66	69	74	74	75	74	70	66	66	60	48	47	54	60	69.0
	Wind move	49	36	33	67	135	52	45	43	29	77	43	18	16	72	48	67	36	60	7	27	12	4	10	19	24	28	128	115	30	48	81	1509

Daily Precipitation for October, 1941 Additional Rainfall Stations

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	....	.43	....	1.68	....	.07	.25	....	....	.44	....	....	....	....	....	.74	.08	....	....	.18	....	....	....	....	....	....	....	....	....	.20	2.25	6.32
Antoine(near)[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Beaty Lake(near)	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Beech Grove(near)	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Beedeville[2]	White	....	.17	.06	.15	....	....	....	.17	....	.57	....	....	....	....	....	.36	....	.09	....	....	....	....	....	....	....	....	1.05	....	....	1.36	.17	4.15
Blue Mountain[2]	Arkansas	....	....	....	.50	....	....	....	....	....	.40	....	....	....	....	....	.20	3.30	....	....	....	....	....	....	....	....	....	.40	....	....	.40	.45	5.65
Bluff City.[2](near)	Ouachita	....	01	....	.18	.31	.04	.12	.04	....	.50	....	....	....	....	....	....	1.12	....	....	....	....	....	....	....	....	....	.63	....	....	.41	1.21	4.57
Booneville	Arkansas	.40	.30	....	1.05	.09	.02	T.	....	....	.61	....	....	....	....	....	1.32	.16	.06	....	.02	....	....	....	....	....	T.	.02	....	....	.51	2.46	7.02
Brinkley[1]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Cabot[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Camp Alton	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Camp Damascus[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Carlisle	Arkansas	....	.21	14	.11	....	....	....	.41	1.09	.37	.22	....	....	....	....	.07	.11	.36	....	....	....	....	....	....	....	....	1.51	....	....	.07	1.01	5.68
Charlotte (near)	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Clay SCS[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Corley[2] (near)	Arkansas	.47	....	....	.78	....	....	....	.53	....	.40	.53	....	....	....	....	.12	.77	....	....	....	.32	....	....	....	....	....	.96	....	....	.48	2.44	7.80
Denmark[2]	White	T.	2.03	.19	.06	....	....	....	.22	.72	....	....	....	....	....	....	.58	.24	.55	....	....	....	....	....	....	.01	....	.52	....	....	.26	2.10	7.48
Dermott[2]	Mississippi	....	....	.04	.60	....	.33	....	.03	.43	.28	....	....	....	....	....	....	.08	74	....	....	....	....	....	....	....	....	2.40	....	....	.11	3.50	8.54
Dutch Greek CCC	Arkansas	1.54	....	2.03	....	....	....	....	.15	.43	....	....	....	....	....	....	.80	.10	....	....	.20	.03	....	....	....	....	.70	....	....	....	1.67	....	7.65
Eagle Gap[2]	Arkansas	2.16	T.	68	1.88	.49	.09	.30	.33	....	.32	....	....	....	.03	1.17	.08	T.	....	....	1.02	....	....	....	....	....	.23	1.29	....	....	....	5.01	15.08
Eleven Point[2]	White	....	.78	.07	.80	.01	....	T.	....	....	.56	....	....	....	....	1.26	1.63	.75	.81	....	....	.12	.01	....	T.	....	T.	.81	....	....	T.	2.68	10.29
Evening Shade[2]	White	....	.47	.76	1.36	....	T.	.12	.10	....	1.36	....	....	....	....	.72	1.01	.64	.76	....	....	T.	.02	....	....	T.	....	1.12	....	....	.26	2.07	10.77
Forrester[2]	Arkansas	....	.90	....	2.20	.20	....	....	.30	....	.50	....	....	....	....	....	.90	.30	....	1.80	....	....	....	....	....	....	....	.70	....	....	.50	2.50	10.80
Gravelly.[2]	Arkansas	....	.45	....	.03	.25	T.	....	.15	T	.45	....	....	....	....	....	.45	T.	.34	....	....	.52	....	....	....	....	....	.70	....	....	.32	2.50	6.16
Green Forest[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Greenwood[2]	Arkansas	....	.68	....	.90	.70	.41	.21	....	.51	.20	....	....	....	....	.10	1.12	.10	.05	....	....	....	.10	....	....	....	.10	.10	....	....	.10	2.85	8.23
Harrisburg[2]	St. Francis	....	.20	....	....	....	....	....	....	....	.85	....	....	....	....	....	.60	.90	....	....	....	....	....	....	....	....	....	85	....	....	....	1.00	4.40
Hollis (near	Arkansas	.30	.15	.46	.31	.08	....	.14	.14	.05	.48	....	....	....	....	T.	1.04	.70	....	....	....	....	....	....	....	....	....	.60	....	....	1.40	.45	6.30
Hon[2] (near)	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Huttig[2](near)	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Jacksonville[2](near	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
LaCrosse[2]	White	....	.74	.45	.97	....	.01	....	....	....	....	....	....	....	....	1.40	1.05	.82	1.17	....	....	.06	....	....	....	....	....	.40	....	....	.47	2.20	9.74
Lake City[2]	St. Francis	....	.08	....	.23	....	.05	....	....	....	.67	....	....	....	....	....	.83	.25	.28	....	....	....	....	....	....	....	....	.96	....	....	....	1.10	4.45
Marshall[2]	White	....	.29	.02	.43	.24	....	....	.41	....	.64	....	....	....	....	.42	2.00	1.85	.66	....	1.28	....	....	....	....	.12	....	1.33	....	....	.22	2.54	12.43
Marvell[2]	White	....	....	T.	....	....	....	....	.40	....	.70	....	....	....	....	....	....	....	1.64	....	....	....	....	....	....	....	....	....	....	....	1.74	.45	4.93
Mena CCC	Red	.56	....	....	1.46	.43	....	1.61	1.41	.96	.51	....	....	....	.02	....	....	.22	....	.88	....	....	....	....	....	....	.08	.11	....	....	.60	1.30	10.15
Morobay[2] (near)	Ouachita	....	....	.13	.17	....	.16	....	....	....	.72	....	....	....	....	....	.43	.04	....	....	....	....	....	....	....	....	....	2.34	....	....	.03	2.32	6.34
Mountain View[2]	White	....	.73	.15	.85	.28	.08	....	.52	....	.36	....	....	....	....	....	1.56	1.23	.66	....	T.	.36	.07	....	....	....	....	.36	....	....	.45	2.58	10.24
Newhope(near)[2]	Ouachita	....	....	....	.70	.21	....	....	1.20	.40	.25	....	....	....	....	....	.60	.26	....	....	....	.25	....	....	....	.40	....	1.21	....	....	.20	1.40	7.08
Odell (near)[2]	Arkansas	.08	.14	1.24	1.24	.05	.19	....	....	....	.82	....	....	....	....	3.07	.89	.06	.08	....	....	....	....	....	....	....	.71	.14	....	....	.52	2.78	12.01
Osage Mills.(near)	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Pottsville[2](near)).	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
St. Paul[2](near)	White	....	.12	.02	.87	1.50	.19	.61	.02	....	.61	....	....	....	....	2.02	1.56	.67	.36	....	.06	....	....	....	....	.60	.34	1.16	....	....	.30	3.33	14.34
St. Vincent	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Shirley[2](near)	White	....	.42	.23	1.20	.12	.07	....	.85	....	.64	....	....	....	....	....	1.80	1.07	.67	....	....	.17	.15	....	....	....	....	1.19	....	....	T.	2.60	11.18
Solgahachie(near)	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Sparkman[2](near)	Ouachita	....	....	.21	06	....	.95	....	.36	....	.70	....	....	....	....	....	.34	.27	.02	....	....	....	....	....	....	....	....	.18	....	.38	1.56	.08	5.11
Stamps (near)	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Stephens[2] (near)	Ouachita	....	....	....	.11	....	.44	.28	.35	....	.16	....	....	....	....	....	....	1.08	T.	....	....	....	....	....	....	....	....	1.70	....	....	....	1.96	6.08
Sugar Grove[2]	Arkansas	....	.60	....	.85	....	....	....	.20	....	.75	....	....	....	....	....	.60	.64	.07	....	....	.22	....	....	....	....	....	.86	....	....	.25	2.15	7.19
Texarkana	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Tichnor[2]	White	....	....	.12	.20	....	.34	....	1.07	....	.53	....	....	....	....	....	....	.05	.80	....	....	....	....	....	....	....	....	.84	....	....	.06	1.54	5.55
Vick[2]	Ouachita	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Walnut Grove	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......

Daily River Stages for October, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	9.0	9.0	12.6	16.8	19.6	23.7	25.8	26.4	26.6	26.0	25.2	23.6	21.8	18.5	17.7	17.3	23.4	26.6	27.0	25.2	22.0	20.2	19.8	18.9	18.0	24.1	26.2	27.2	26.6	25.6	28.7
Van Buren	do	22	8.2	8.1	13.0	17.4	20.1	23.6	25.5	25.9	26.0	25.5	24.8	23.4	21.0	19.0	17.8	17.4	23.0	25.7	26.4	25.0	22.2	21.0	20.4	19.8	18.7	23.6	25.5	26.5	26.2	24.6	27.8
Danville	Petit Jean	20	3.5	3.3	3.3	10.5	15.2	15.4	10.6	8.2	6.5	5.6	5.7	5.7	4.8	4.4	4.0	4.4	5.3	7.8	6.6	5.5	5.1	4.9	4.7	4.2	4.1	4.0	4.0	5.5	5.0	4.4	16.0
Ozark	Arkansas	22	4.3	4.1	6.0	10.3	13.1	16.8	19.3	20.3	20.7	20.6	20.0	18.5	17.2	14.8	12.9	11.9	16.5	19.8	21.0	20.4	18.0	16.0	15.1	15.0	13.5	17.0	19.5	20.1	20.8	19.4	21.4
Dardanelle	do	22	7.6	7.0	6.8	10.3	10.6	17.5	20.4	22.2	22.5	22.9	22.4	21.8	20.6	19.1	16.7	15.5	17.1	20.9	22.9	23.4	22.2	20.0	18.9	17.7	17.0	16.4	20.8	22.4	23.2	23.0	23.6
Morrilton	do	20	4.3	3.5	2.8	4.4	11.3	14.2	16.8	18.7	19.4	19.8	19.6	19.1	18.3	17.0	15.0	13.3	13.2	17.6	19.8	20.6	20.0	18.2	16.4	15.4	14.9	13.6	19.0	19.1	20.0	20.2	20.2
Little Rock	do	23	6.7	5.6	4.9	4.5	7.3	13.6	16.2	18.1	19.0	19.4	19.6	19.4	19.1	18.2	16.8	14.7	13.7	15.9	19.2	20.4	20.6	19.5	17.1	16.7	16.0	15.0	15.1	18.5	19.9	20.5	20.6
Pine Bluff	do	25	10.9	9.9	8.8	8.2	8.0	13.8	17.2	19.7	21.5	22.2	22.5	22.5	22.1	21.7	20.8	19.3	17.9	17.6	20.7	22.6	23.5	23.6	22.3	20.9	20.0	19.3	18.6	19.1	22.2	23.4	23.9
Gilbert	Buffalo	30	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.7	4.1	4.0	3.8	4.1	4.1	3.8	4.1	10.0	13.2	11.5	7.4	6.5	6.8	6.0	5.4	5.0	4.8	4.6	7.4	6.1	5.6	5.5	19.2
Black Rock	Black	14	2.0	1.8	2.0	2.3	2.9	3.0	2.9	3.0	3.1	3.1	2.9	2.8	2.7	2.6	2.6	8.7	8.3	9.7	9.5	7.5	7.8	7.9	7.0	6.0	5.3	4.8	5.0	6.6	5.5	4.9	9.5
Heber Springs	Little Red	30	4.0	3.9	3.7	4.5	8.2	8.8	8.4	8.3	7.9	7.0	7.7	6.8	6.1	5.5	5.1	5.2	13.6	23.4	14.4	10.8	9.1	9.0	8.4	7.4	6.7	6.4	6.3	10.5	8.0	7.1	16.0
OzarkBeachMo	White	30	2.0	-0.6	2.6	2.9	4.6	3.2	4.6	4.6	2.0	1.0	0.4	0.0	2.0	0.1	-0.6	3.8	7.4	12.2	11.5	9.1	7.1	5.8	5.0	4.7	3.5	2.6	3.0	4.5	4.6	4.8	15.0
Cotter	do	21	3.5	3.0	4.6	4.6	4.6	5.8	4.8	4.7	5.3	4.5	4.4	4.1	3.1	3.4	4.5	4.4	7.1	14.5	13.9	12.1	9.8	8.0	6.8	6.0	5.8	5.2	4.9	4.7	4.7	4.7	14.8
Calico Rock	do	18	2.8	2.6	4.0	4.6	4.2	4.4	4.6	4.5	4.6	4.6	3.7	3.0	2.7	2.6	4.4	4.9	11.7	21.6	19.9	14.4	12.0	9.6	7.8	6.7	6.5	5.5	5.7	6.4	5.6	5.5	17.7
Batesville	do	23	6.9	7.3	6.6	8.6	9.0	8.6	9.1	8.7	8.9	9.0	8.6	8.0	7.4	7.1	6.6	11.6	15.1	22.8	25.9	22.9	19.4	17.2	14.5	12.6	11.4	10.6	11.0	11.2	10.9	10.4	14.5
Newport	do	26	3.5	2.6	2.8	2.1	3.9	4.0	4.1	4.8	4.5	4.8	4.9	4.1	3.6	3.0	2.8	2.6	7.8	14.9	20.8	23.0	23.0	22.0	20.6	18.4	15.9	13.6	11.7	11.2	11.2	10.3	10.4
Georgetown	do	21	6.4	5.6	4.6	4.0	3.6	4.0	5.6	6.7	6.8	7.0	7.0	7.0	6.8	6.2	5.5	4.8	4.6	8.4	16.0	18.5	18.6	18.4	18.7	18.9	19.1	19.1	19.0	18.3	18.0	17.3	16.6
Des Arc	do	24	9.4	8.3	7.5	6.7	6.2	6.0	6.9	8.1	8.6	9.0	9.2	9.2	9.2	8.8	8.2	7.7	7.0	8.0	14.0	17.4	18.6	19.0	19.2	19.5	19.8	19.9	20.1	20.0	19.9	19.6	19.6
Clarendon	do	26	13.1	13.0	12.6	11.9	11.3	10.8	10.6	11.2	12.1	12.7	13.0	13.2	13.3	13.3	13.1	12.7	12.2	11.9	13.2	16.5	18.4	19.5	20.2	20.7	21.1	21.5	22.0	22.3	22.6	22.8	23.1
St. Charles	do	25	12.2	12.8	12.6	12.2	11.7	11.2	10.9	11.0	11.7	12.4	12.9	13.2	13.5	13.8	13.9	13.7	13.4	12.9	12.9	14.8	16.8	18.1	18.9	19.5	20.0	20.3	20.7	20.9	21.0	21.3	21.6
Glenwood	Caddo	..	5.4	5.4	5.4	5.6	5.8	5.9	5.7	6.0	6.5	6.5	6.2	6.0	5.8	5.7	5.6	5.7	5.9	5.9	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.6	5.4	5.4	5.4	7.1
Arkadelphia	Ouachita	17	7.3	7.2	7.3	7.3	7.1	6.2	7.3	7.5	8.5	8.4	9.9	8.5	7.3	7.7	7.6	7.5	7.6	8.5	7.6	7.2	7.5	7.5	7.2	7.4	7.2	7.2	7.8	8.2	7.9	7.9	9.0
Boughton	Little Mo.	20	4.2	4.0	3.8	4.0	3.6	3.7	4.3	5.7	5.4	6.3	7.7	7.0	5.9	5.4	5.1	5.4	5.0	4.8	4.7	4.8	4.6	4.2	4.2	4.2	4.1	4.1	4.2	5.8	5.8	5.2	5.1
Camden	Ouachita	26	7.6	7.5	7.5	7.4	7.4	7.3	6.9	6.4	7.3	9.3	9.5	11.0	11.9	10.0	8.7	8.3	8.1	8.1	8.6	8.7	8.1	7.8	7.8	7.6	7.5	7.3	7.6	7.5	8.6	8.9	9.0
Benton	Saline	20	4.0	3.9	3.9	6.1	5.9	5.5	5.2	5.4	6.0	6.3	6.8	6.4	6.9	5.6	5.2	5.1	9.6	14.0	12.4	8.5	7.5	6.9	6.4	6.1	5.8	5.7	5.9	6.4	6.2	6.0	8.8
Index	Red	25	8.4	8.4	8.3	8.2	12.8	21.4	23.4	24.3	24.8	24.6	22.6	20.6	19.0	16.8	15.5	14.9	14.2	16.9	19.4	16.9	17.6	16.4	15.2	14.1	13.2	12.0	12.9	19.2	19.7	18.2	16.9
Fulton	do	25	6.4	6.3	6.2	6.2	7.7	18.2	21.8	23.4	24.4	24.9	24.6	23.1	21.5	19.3	17.1	15.5	14.0	13.8	14.9	15.0	16.4	16.1	14.7	13.4	12.6	12.0	11.6	16.8	18.9	18.9	17.7
Big Lake Outlet	St. Francis	10	2.1	2.2	2.1	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.7	2.7	3.0
St. Francis	do	18	2.2	2.3	2.3	3.1	3.0	2.7	2.8	2.8	2.9	3.3	3.4	3.9	3.8	3.9	5.0	4.8	5.5	4.9	5.7	6.6	7.9	10.4	11.7	12.4	12.6	12.2	11.7	11.4	10.9	10.2	11.3
St. Francis L.L.	do	..	15.5	16.0	16.2	16.5	16.6	16.7	15.5	14.7	15.2	16.1	16.4	16.7	17.0	15.5	14.2	15.0	16.2	17.0	17.6	18.0	18.4	17.0	15.9	17.0	17.6	17.0	16.5	16.0	16.9	16.6	17.1
Marked Tree	do	17	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.5	0.8	0.0	-0.2	-0.2	-0.2	-0.2	2.5	1.9	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	3.9	3.5	0.4	-0.2	2.8	3.0	3.0	0.8	2.8	3.0
Parkin	do	28	1.4	0.8	0.5	0.4	0.4	0.4	0.4	1.1	1.1	1.0	0.6	0.4	0.4	0.4	0.9	1.9	1.3	0.8	0.5	0.4	0.4	0.4	1.8	2.6	1.9	0.9	1.3	2.4	2.5	2.0	1.9
Madison	do	32	-1.0	-0.3	-0.5	-0.8	-1.0	-1.0	-1.0	-1.0	-0.1	-0.1	-0.5	-0.7	-0.8	-0.1	0.2	0.2	0.8	1.3	1.5	1.6	1.4	1.2	0.6	0.2	0.8	0.3	0.1	0.3	-0.3	0.7	0.7
Helena	Mississippi	42	10.4	10.2	9.8	9.3	8.6	8.0	7.9	8.4	9.3	11.6	14.9	17.9	19.8	20.7	21.1	21.2	21.5	21.8	22.4	22.6	22.5	22.1	21.3	20.5	19.6	18.7	18.1	18.0	18.4	18.9	19.6
Arkansas City	do	42	7.5	7.8	8.1	7.9	7.2	6.5	6.7	8.8	10.5	12.0	13.6	14.9	18.0	19.4	20.2	20.2	20.0	19.7	19.6	20.4	21.4	22.0	22.1	21.6	20.9	20.0	19.4	18.5	18.4	19.2	20.5

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1] Precipitation is for the 24-hour period, midnight to midnight. [2] Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3] Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Bethesda, Batesville; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

Weather Bureau Office, Little Rock, Ark. 12-12-41-1150

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVI LITTLE ROCK, ARK., NOVEMBER, 1941 No. 11

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GENERAL SUMMARY

Temperatures averaged slightly below normal in Arkansas during November. Although freezing temperatures were reported in all portions of the State several times during the month, no unusually cold weather occurred. Cool weather prevailed in most sections from the 5th to 13th and again from the 21st to 25th. Unseasonably warm weather was experienced from the 14th to 20th, with daily temperatures as much as 15° above normal. The monthly mean temperature, considering the entire State, was 49.9°, which is 1.3° below the average of past years. Monthly means ranged from 46.0° at Bee Branch to 54.6° at Magnolia. The highest temperature was 87° at Camden on the 16th, and the lowest was 18° at Gilbert, Gravette, Irons Fork and Mount Ida on the 24th and 25th.

The average precipitation in November was 2.31 inches for the State as a whole, which is 1.45 inches below normal. Amounts ranged from 1.28 inches at Osceola to 5.98 inches at Springbank. About one third of the stations reported less than two inches. The month's deficiency in rainfall was not serious since it followed unusually heavy rains in October. Snow flurries were reported several times. Light sleet fell on two days but caused no damage.

Excessively heavy rains in Arkansas and Oklahoma during the latter part of October resulted in flood conditions on the Arkansas, Black and White rivers during November. The Arkansas reached the highest point since 1838 at Fort Smith and the highest since 1935 at Little Rock. Most of the damage was sustained in the territory between Little Rock and Fort Smith. The Fort Smith area suffered severely with a portion of the city inundated. The White River did not reach unusually high stages and damage in that valley was less severe. The Arkansas River flooded approximately 185,000 acres, drove over 600 families from their homes and caused property damage of about $1,300,000. About two thirds of this loss was in feed crops such as corn, hay and silage. A large loss was also suffered from erosion and loss of top soil. Damage to highways and bridges was small but some levees were impaired. Property loss on the White River, mostly in mature crops, was $145,000.

November weather was favorable for harvesting and other outside farm operations. Bright, sunny weather predominated and there were only six rainy days. While freezing weather occurred, temperatures were not low enough to freeze the soil and prevent plowing. Harvesting of most crops was completed by the 15th, except along the river bottoms where high water prevented much work until the latter part of the month. Fall grains made good growth and stands looked favorable at the close of the month. Pastures also held up well. Some butchering was accomplished but there was not enough cold weather for this work. In most sections of the State the 1941 growing season extended from March 29th to November 10th, or 226 days without killing frost.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville..	30.09	30.54	24	29.58	22	6.8	21	s.	18	..	..	..	61
Fort Smith..	30.10	30.55	24	29.75	22	6.6	23	nw.	7	..	..	..	69
Little Rock..	30.13	30.59	24	29.77	5	7.1	24	nw.	5	91	56	70	66
Memphis	30.13	30.56	24	29 69	5	6.7	21	n.	1	..	..	..	59

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog.	..	..	.	1	1	..	..	.	1	..	..	5	2	1	1	..	2	.	3	..	1	3	2	.	3	1	..	.		.
Light hail	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	.	.	..	..	.	..	..	.	..	..	.	..	.	.	..
Moderate hail .	..	..	..	.	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.	..
Thunderstorm .	.	..	5	.	.	..	..	.	..	.		.	..	..	..	..	..	..	5	1	1	2	..	..	.	..	..	..	..	..

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	35	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47 8	89	10	1.95	T.	5	15	4	11
1921	54 9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50 4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0 1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50.5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T.	9	9	6	15
1932	46.7	82	9	1.98	0 1	6	16	4	10
1933	53.0	85	20	1 86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
1939	48.8	87	14	3.39	T.	7	12	5	13
1940	49 3	82	3	5.93	T.	9	13	5	12
1941	49.9	87	18	2.31	T.	6	15	6	9
Period	51.2	96	2	3.76	0.1	6	14	6	10

Climatological Data for November, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	50.1	...	83	16	24	11	42	2.20	...	1.03	0.0	8	12	8	10	w.	L. R. Water Works
Arkadelphia	Clark	200	45	51.0	...	84	16	22	25	50	2.44	−1.11	0.91	0.0	6	20	3	7	n.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	...	...	...	...	...	...	...	2.30	−1.48	1.54	0.0	7	12	11	7	...	George W. Reitzammer
Batesville Airway	Independence	363	4	48.6	− 0.6	80	16	22	10	43	1.61	...	0.88	0.0	7	15	4	11	s.	Airway Observer
Batesville	Independence	277	41	...	...	...	...	...	...	...	1.70	−1.73	0.82	T.	7	12	5	13	...	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	46.0	− 4.8	76	16	19	25	40	2.05	−1.61	0.95	0.0	4	16	8	6	n.	Minnie Scanlan
Benton	Saline	285	5	49.6	...	82	16	23	25	45	1.64	...	0.71	0.0	6	23	3	4	ne.	S. A. Burks
Bentonville	Benton	1295	35	47.4	− 0.8	78	16	20	10	36	2.80	−0.21	1.43	T.	8	13	11	6	s.	U. S. Weather Bureau
Bethesda †	Independence	500	1	48.2	...	79	16	21	10	44	1.79	...	0.95	0.0	4	12	12	6	sw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	...	...	...	...	...	...	...	1.69	...	0.60	0.0	6	16	1	13	...	C. J. Brooks
Black Rock	Lawrence	259	39	...	...	...	...	...	...	...	2.09	− 1.82	0.76	0 0	7	20	0	10	s.	Vernon C. Howe
Blytheville	Mississippi	252	15	49.7	− 1.7	78	16	25	25	35	1.34	−2.89	0.71	0.0	5	16	3	11	s.	Maureen K. Norris
Booneville (near)	Logan	465	26	50.2	− 2.4	85	16	19	24	48	1.65	−1.59	1.05	0.0	5	14	8	8	w.	F. H. Randolph
Boughton †	Clark	235	5	...	...	...	...	...	...	...	3.84	...	1.49	0.0	5	17	7	6	...	Ruby A. Buie
Brinkley	Monroe	205	49	50.8	− 1.1	80	16	24	10	36	1.46	−2.50	1.27	0.0	4	17	5	8	se.	R. J. Torry
Calico Rock	Izard	361	36	...	...	...	...	...	...	...	2.43	−1.08	0.93	T	8	9	1	20	...	William Jones
Camden	Ouachita	116	55	52.2	0.0	87	16	23	25	47	4.06	+0.12	1.77	0.0	7	12	7	11	w.	J. M. Knight
Clarendon	Monroe	172	36	...	...	...	...	...	...	...	2.10	−1.75	1.46	0.0	6	11	7	12	e.	R. M. Wheatley
Clinton †	Van Buren	516	19	...	...	...	...	...	...	...	2 22	−1.22	1.00	T.	5	15	13	2	...	Doyle G. Love
Clover Bend	Lawrence	235	..	46.6	...	79	17	20	10§	47	1.70	...	0.70	0.0	7	19	7	4	nw.	Farm Security Adm.
Conway	Faulkner	309	57	51.4	− 0.5	85	16	24	10	49	2.00	−1.60	0.72	0.0	5	15	9	6	s.	E. E. Cordrey
Corning	Clay	293	47	47.4	− 1.2	80	16	22	25	47	1.85	−1.91	0.64	0.0	6	16	4	10	s.	Winfred D. Polk
Cotter	Baxter	440	13	...	...	...	...	...	...	...	2.97	+0.64	1.19	0.0	6	17	4	9	...	O. B. McSpadden
Crossett (near)	Ashley	175	28	50.6	− 3.4	82	16	21	25	44	3 15	−0.73	2.60	0.0	4	19	2	9	n	U. S. Forest Service
Danville	Yell	327	24	...	...	...	...	...	...	...	2.10	−0.97	0.88	0.0	7	12	10	8	...	J. M. Patterson
Dardanelle	Yell	330	54	50.6	− 1.3	80	16	24	24	38	2.18	−1.13	0.98	0.0	6	11	9	10	e.	Geo. N. Goodier
DeQueen	Sevier	426	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	W. A. Douthit
Des Arc	Prairie	204	2	50.6	...	80	16	24	25	41	1.67	...	0.97	0.0	7	10	2	18	...	Z. R. Glenn
Devils Knob †	Johnson	2350	4	47.6	...	75	16	19	24	27	2.90	...	1.32	T.	8	16	0	14	sw.	U. S. Forest Service
Dumas	Desha	162	35	51.6	− 2.1	82	16	24	25	47	2.76	−1.44	1.73	T	5	13	12	5	n.	Ben Johnson
El Dorado	Union	270	40	53.2	− 2.0	83	16	28	25	38	3.81	−0.25	1.40	0.0	6	20	5	5	w.	Mrs. E. W. Gaston
England	Lonoke	229	34	51.2	− 2.0	81	16	25	25	39	1.38	−2.41	1.10	0.0	3	13	12	5	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	40	49.6	− 1.3	82	16	19	24	34	3.00	−0.10	1.60	T	6	19	2	9	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	48.3	...	82	16	19	24	44	2.37	...	0.86	T.	9	10	9	11	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	49.4	− 0.1	79	16	21	24	37	2.80	−0.07	1.28	T.	10	16	5	9	sw.	University of Arkansas
Fort Smith	Sebastian	448	59	50.8	− 0.2	83	16	26	24	35	2.35	−0.52	1.12	0.0	6	16	7	7	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	3	...	...	...	...	...	...	...	1.45	...	0.88	0.0	6	15	8	7	...	Ft. Smith Water Plant
Fulton	Hempstead	260	55	...	...	...	...	...	...	...	3.03	−0.47	0.76	0.0	7	14	8	8	...	T. J. Logan
Georgetown	White	200	28	...	...	...	...	...	...	...	1.62	−2.17	0.95	0.0	6	17	4	9	...	C. G. Long
Gilbert	Searcy	600	15	46.6	...	81	15§	18	25§	50	2.01	−0.34	0.92	0.0	8	14	1	15	...	F. E. King
Glenwood	Pike	547	5	...	...	...	...	...	...	...	2.63	...	1.26	0.0	4	15	1	14	...	Chas. A. Price
Grannis	Polk	950	21	49.8	− 1.2	82	16	19	24	39	2.35	−1.77	1 00	0.0	7	12	9	9	s.	W. E. McVay
Gravette	Benton	1250	43	48.3	− 0.7	81	16	18	24	44	2.64	−0.52	1.39	T.	6	16	5	9	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	3	49 6	...	78	16	23	10	28	2.34	...	0.92	T	7	19	2	9	nw.	U. S. Forest Service
Harrison	Boone	1052	40	47.5	− 1.2	77	16	20	24	40	1.93	− 0.88	0.87	0.0	8	20	2	8	.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	...	...	...	...	...	...	...	1.82	...	0.73	T.	5	19	7	4	...	Lester B. Logan
Helena	Phillips	300	68	50.5	− 2 5	80	16	21	25	37	2.90	−1.54	1.60	0.0	6	14	5	11	se.	James A. Burnett
Higden	Cleburne	445	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Otto Murphree
Highland	Pike	491	21	54.0	+ 0.5	80	16	25	24	32	2.38	−1.14	1.47	0.0	3	14	12	4	nw.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	50.4	− 3.8	81	16	23	25	44	2.77	−0.99	0.90	0.0	7	9	16	5	s.	Experiment Farm
Hot Springs	Garland	600	49	50.8	− 2.0	75	16	26	24	30	1.58	−2.32	1.04	0.0	4	16	8	6	s.	National Park Service
Index †	Little River	275	23	...	...	...	...	...	...	...	2.75	−0.15	1.05	0.0	4	20	0	10	...	W. F. McDowell
Irons Fork †‡‡	Polk	1385	2	48.2	...	82	16	18	24	48	2.15	...	1.07	0.0	9	16	6	8	ne.	U. S. Forest Service
Jessieville	Garland	750	14	...	...	...	...	...	...	...	2.58	−1.75	1.37	0.0	4	10	11	9	sw.	U. S. Forest Service
Jonesboro	Craighead	345	45	49.2	− 2.0	79	16	24	25	37	1.70	−1.69	0.65	0.0	6	11	8	11	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	47.1	− 1 3	82	16	20	10§	48	2.49	−0.27	0.78	T.	9	18	2	10	sw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	51.2	− 0.9	80	16	28	25	30	1 29	−2.90	0.93	0.0	6	12	10	8	w.	U. S. Weather Bureau
Little Rock Airport	Pulaski	257	4	50.4	...	82	16	27	25	37	1.30	...	0.86	0.0	7	12	10	8	s.	W. B. Airport Station
Lutherville †	Johnson	775	42	49.3	− 1.7	80	16	21	24	34	3.20	−0.21	1.12	0.0	6	15	6	9	se.	H. G. Lenhardt
Madison	St. Francis	209	10	...	...	...	...	...	...	...	2.30	−2.30	1.45	0.0	5	8	3	19	...	J. W. Eppes
Magnolia	Columbia	315	24	54.6	− 0 4	85	17	27	25	42	4.36	+0.33	2.46	0.0	4	11	12	7	n.	State Agri. School
Mammoth Spring	Fulton	600	36	47.0	− 1.7	80	16	23	25	44	3.03	−0.24	1.08	T	5	14	7	9	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	51.1	− 1.2	81	16	24	10§	40	2.03	−1.47	1.50	T.	4	14	10	6	n.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	48 2	− 1.0	79	16	22	25	42	1.41	−2.74	0.80	0.0	5	15	5	10	s.	Charles Walton
Mena	Polk	1207	52	51.1	− 1.1	82	16	22	24	38	2.20	−1.42	0.89	0.0	10	16	6	8	sw	E. W. St. John
Monticello Airway	Drew	273	4	52.4	...	82	16	25	25	36	2.01	...	1.65	0.0	6	12	12	6	s.	Airway Observer
Morrilton †	Conway	315	21	49.3	− 1.6	84	16	25	10	49	2.35	− 0.93	0.66	0.0	6	8	18	4	nw.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	...	...	...	...	...	...	...	2.16	...	1.08	T.	5	19	2	9	s.	C. A. Lovell
Mountain Home †	Baxter	800	28	48.1	− 0.5	82	16	20	10	49	2.75	−0.08	0.90	T.	5	16	0	14	w.	H. N. Haibert
Mountain Valley	Garland	788	3	...	...	...	...	...	...	...	2.21	...	1.10	0.0	4	18	5	7	s.	J. G. Scott
Mount Ida	Montgomery	702	41	49.9	− 0.7	84	16	18	25	52	2.32	−2.11	1.09	0.0	5	14	8	8	w.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	...	...	...	...	...	...	...	2.21	...	1.10	0.0	5	17	9	4	w	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	...	...	...	...	...	...	...	2.04	...	0.93	0.0	8	16	5	9	...	Clifton Ward
Nashville	Howard	350	2	51.6	...	82	16	25	24§	42	2.26	...	1.33	0.0	6	17	9	4	e.	Brice Carruth
Newport	Jackson	231	57	51.0	0.0	80	16	25	25	42	1.94	−1.70	0.98	0.0	7	15	5	10	n.	J. D. Henderson
Oden	Montgomery	800	13	50.6	...	84	15§	20	25	41	2.41	−1.86	1.28	0 0	2	14	8	8	sw.	U. S. Forest Service
Okay	Howard	288	12	52.4	− 0.3	82	16	22	25	45	2.94	−1.69	1.50	0.0	6	17	8	5	s.	Charles R. Jackson
Osceola	Mississippi	250	40	...	...	...	...	...	...	...	1.28	...	0.58	0.0	6	18	2	10	...	G. H. Banks
Ozark	Franklin	396	45	48.4	− 3.0	79	16	20	10§	42	1.74	− 1.35	0.89	0.0	5	13	7	10	nw.	Orkney O. Milton
Paragould	Greene	275	17	47.5	...	74	17	24	25	39	1.54	−1.91	0.56	T	9	18	1	11	sw.	J. E. Garrett
Parkin	Cross	222	10	...	...	...	...	...	...	...	1.45	−2.64	0.90	0.0	5	11	5	14	...	Carroll King
Perryville	Perry	325	20	50.1	− 0.7	85	16	22	25	46	2.06	−1.54	0.88	0.0	3	7	20	3	w	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	52.4	− 0.9	84	16	27	25	41	2.13	−1.87	1.34	T	6	12	11	7	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	...	...	...	...	...	...	...	2.38	−1.87	1.05	0.0	6	17	6	7	nw.	J. R. Huddleston
Pocahontas	Randolph	300	47	48.1	− 2.3	77	16§	22	10	40	1.87	−1.64	0 58	0.0	7	19	2	9	n.	Benedictine Sisters
Portland	Ashley	122	34	54.4	+ 0.1	80	16§	31	25	34	3.55	−0.38	1.90	0.0	7	16	6	8	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	52	52.3	− 1.9	82	16	25	25	38	2.86	−0.77	0.86	0.0	7	17	6	7	w.	W. R. Hambright
Rogers	Benton	1300	50	47.8	− 1.2	82	16	19	24	40	2.69	− 0.23	1.05	T.	8	18	5	7	sw.	Howard Fowler
Rosebud	Faulkner	680	6	...	...	...	...	...	...	...	2.29	...	0.97	0.0	5	17	9	4	n.	G. A. Maddox
Russellville ‡‡	Pope	526	28	50.6^{c}	+ 0.8	85^{c}	14	23^{c}	25	51^{e}	1.96	−1.99	0.71	0.0	6	18	7	5	nw.	U. S. Forest Service
St. Charles	Arkansas	175	7	50.7	...	80	16	25	25	37	2.54	...	1.26	T	6	14	7	9	s.	U. S. Biological Survey
St. Francis	Clay	290	13	...	...	...	...	...	...	...	1.64	−2.14	0.56	0.0	7	14	1	15	...	A. Boyce Boyd, Jr.
Searcy	White	245	30	49.4	− 1.6	79	16	24	25	40	2 29	−1.59	0.86	0.0	6	20	3	7	sw.	Walter A. Smith
Springbank †	Miller	240	31	...	...	...	...	...	...	...	5.98	+2.17	1.90	0.0	7	17	3	10	...	Henry Field
Story	Montgomery	650	16	...	...	...	...	...	...	...	2.32	−1.64	1.20	0.0	3	14	8	8	n.	S. C. Story
Stuttgart	Arkansas	214	53	49.9	− 2 5	80	16	24	25	39	2.04	−1.78	1.53	0.0	6	22	2	6	w.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	49.7^{a}	...	80^{a}	16	24^{a}	25	41^{b}	2.21	...	1.24	0.0	6	...	...	...	...	Rice Experiment Sta
Subiaco	Logan	750	43	51.0^{b}	− 1.8	84^{b}	16	25^{a}	24§	40^{b}	1.64	−1.45	0.97	0.0	6	17	3	10	w.	New Subiaco Abbey
Texarkana	Miller	332	56	53.1	− 2.1	84	16	24	25	43	2.77	−0.65	1.05	0.0	5	18	5	7	n.	H. S. Brashear

Climatological Data for November, 1941 Continued

Stations	Counties	Elevation, feet	Length of record, years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike†	Pope	2240	16	48.4	......	77	16	20	24	29	3.12	−0.69	1.15	0.0	7	16	4	10	sw.	U. S. Forest Service
Wabash	Phillips	179	1	49.9	......	81	16	20	25	43	2.87	......	1.72	0.0	6	15	8	7	s.	Farm Security Adm.
Waldron	Scott	675	21	49.4[a]	......	85[a]	16	20[a]	24	53[a]	2.54	−0.79	1.45	0.0	8	15	8	7	sw.	Wilson Ferguson
Warren	Bradley	206	46	52.3[a]	− 1.5	82[a]	16	25[a]	25	40[a]	2.51	−1.52	2.01	0.0	5	10	7	13	nw.	C. N. Turner
Whitecliffs	Little River	290	34	....	......	......	......	......	......	......	2.10	−0.93	1.03	0.0	3	18[a]	2[a]	9[a]	......	L. M. Snead
White Rock†	Franklin	2285	4	47.7	......	76	16	19	24	29	2.08	......	1.11	0.0	5	13	5	12	sw.	U. S. Forest Service
Wilson	Mississippi	237	15	48.4	− 2.1	78	17	24	11§	40	1.38	−2.76	0.65	0.0	5	16	0	14	s.	D. O. Anderson
Wright	Jefferson	234	1	49.1	......	81	16	25	11§	40	1.47	....	1.32	T	4	15	10	5	sw.	Farm Security Adm.
Wynne	Cross	167	32	50.4	− 0.4	80	16	22	10	41	1.50	−2.41	0.85	0.0	3	17	7	6	s.	B. M. Eddins
State Means		..	..	49.9	− 1.3	87	16	18	24§	53	2.31	−1.45	2.60	T.	6	10	6	9	sw.	

Daily Precipitation for November, 1941

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Alum Fork Reser.	Ouachita.			T.	.20	T.														T.		.97	1.03	T									2.20
Arkadelphia [2]	Ouachita	.22			.23		.11														.39		.58	.91									2.44
Arkansas City [2]	Mississippi	.30			.10		.12					.02									.04		18	1.54									2.30
Batesville Air'y [1†]	White			.32	.04	.04	.07													.24	.02		.88								T.		1.61
Batesville River [2]	White	.12			.28		.12	.01	T.												.30		.05	.82									1.70
Bee Branch	Arkansas			.20	.35	T.														T.		.55		.95									2.05
Benton [2]	Saline	.23			.02		.06													T.	.35		27	.71									1.64
Bentonville [1†]	Arkansas			.11		.21	.01													1.43			.89	.01						.02	.12		2.80
Bethesda [***]	White.			.56		..	.10														.18		.95										1.79
Big Lake Outlet [2]	St. Francis	.18			.26		.20	.09													.36		T.	.60									1.69
Black Rock [2]	White	.24			.76	T.	.23	.14	.02														.15	.55									2.09
Blytheville [2]	St Francis	.15			.22	.20	.06																T.	.71									1.34
Booneville	Arkansas			.04		.04					.01									.51			1.05										1.65
Boughton [2]	Ouachita	.15			.72		.89														.59			1.49									3.84
Brinkley	White					.11	.07																1.27	.01									1.46
Calico Rock [2]	White	.14			.66		.17		T.	T.						03					.40		.05	.93							.05		2.43
Camden [2]	Ouachita	.14			.04		.23					.08									.70		1.10	1.77									4.06
Clarendon [2]	White	13			.32		.11														.05		.63	1.46									2.10
Clinton	White			.28	.20	.05			T.													.69	1.00								T.		2.22
Clover Bend	White			.70	.05	.05	.12	.14													.14		.50										1.70
Conway	Arkansas				.32	.03															.72		.24	.69									2.00
Corning [2]	White	.15			.37		.47	.15												.07				.64									1.85
Cotter [2]	White			T	1.19	.06	T.								T.					T.	.71		.10	.80							.11		2.97
Crossett [near]	Ouachita				.15	.28														T.	.12		2.60	T.									3.15
Danville [2]	Arkansas	.31			.15	.01	.03					T									.56		.16	.88									2.10
Dardanelle [2]	Arkansas	.26			.25	.04															.46		.19	.98									2.18
De Queen	Red																																....
Des Arc [2]	White.	.16			.29		.13	.03													.03		.06	.97									1.67
Devils Knob	Arkansas			T.	.05	.10	.02													1.32	.22		1.11	.02							.06		2.90
Dumas	Mississippi				.24	.16			T.											.15	.48		1.73										2.76
El Dorado [2]	Ouachita	.40					.31					.11									.79		.80	1.40									3.81
England	Arkansas			.20		.08															T.		1.10										1.38
Eureka Springs	White			.10	.10	.10				T.										1.60			.90	T.							.20		3.00
Fayetteville	White			.03	.08	21	.09			T.	T.				T.					.82	.03		.86	.05							.20		2.37
Fayetteville Exp. S	White.			.01	.02	.23	.06			.02					T					1.28	.02		.87	.14	T.						.17		2.82
Fort Smith [1‡]	Arkansas			.02		.10	T.				T.									1.05		.03	1.09	T.						T	.06		2.35
Fort Smith W. [2]	Arkansas				T	.13	.02													T.	.14		.10	.88							.18		1.45
Fulton [2]	Red	.05			.65		.27					.03								T.	.65		.76	.62									3.03
Georgetown [2]	White	.10			.30		.15	.07															.05	.95									1.62
Gilbert [2]	White	.11			.36	.07	.34	T.													.36		.11	.92							.04		2.01
Glenwood [2]	Ouachita	.17																			1.26		.59	.61									2.63
Grannis	Red			T.		.10	.02		.02			.03								.22	.96		1.00										2.35
Gravette	Arkansas			.04		.27														1.39			.86	.02							.06		2 64
Green Mountain	White.			.54	.44	.11		T.												.11	.19		.92	.03									2.34
Harrison	White			.06	.12	.20	10	T.			.02									.40			.87								.16		1.93
Heber Springs [2]	White.	.17			.24	T.	T.	T		T											.46		.22	.73									1.82
Helena [2]	Mississippi	.09			.28		.16														.72		.05	1.60									2.90
Higden	White																																....
Highland	Ouachita					.11															.80		1.47										2.38
Hope [2]	Red	.03			.50		.15					.04									.57		.90	.58									2.77
Hot Springs	Ouachita				.05	.02															.47		1.04										1.58
Index [2]	Red				.15															T	.90		1.05	.65									2.75
Irons Fork [2]	Ouachita	.01			.01	.03	.01		T.			.01								.07	1.07		.27	.67									2.15
Jessieville	Ouachita			.36		T.															1.37		.60	.25									2.58
Jonesboro [2]	White	.16			.40	T	.22	.12	T.												.15		T	.65									1.70
Lead Hill	White			.78	.46	.13	.03		T.						.01					.22	.05		.65	T							.16		2.49
Little Rock [1†]	Arkansas			.10	.02	.02	T.				T									.15	.07	T.	.93								T.		1.29
LittleRock Air'y [1‡]	Arkansas			.17	.01	.02	T.				.01									.19	.04	T.	.86								T.		1.30
Lutherville	Arkansas			.03	.14	.08														1.09	.74		1 12								T.		3.20
Madison [2]	St. Francis	.15			.35		.30	T													.05		T.	1.45									2.30
Magnolia	Red					.34															1.55		2.46			.01							4.36
Mammoth Spg [2]	White	.41			1.08		.48		T.	T.											.34		T.	.72									3.03
Marianna	St. Francis				.25	.20														.08			1.50										2.03
Marked Tree [2]	St. Francis	.16					.27	.03													.15			.80									1.41
Mena [2]	Ouachita	.03			.01	.02	.03		.03			.02								.21	.75		.21	.89									2.20
Monticello Air. [1†]	Ouachita.				.05	.22	T				.02									.03	T.	.04	1 65								T.		2.01
Morrilton [2]	Arkansas	.16			.50	T.	05													T.	.58		.40	.66									2.35
Mountainburg	Arkansas.					.10	.08				T.				T.					.64			1.08	T.							.26		2.16
Mountain Home	White			.80	.45	.10	T.	T	T.	T.					T					.50			.90								T.		2.75
Mountain Valley	Ouachita.			T.	.10	.03														T.	1.10		.98										2.21
Mount Ida	Ouachita											.03								.09	1.08		1.09	.03									2.32
Mount Ida CCC	Ouachita					.02														.03	1.10		1.01	.05									2.21
Mulberry [2]	Arkansas	.06			.02	.14														.03	.48		.25	.93							.13		2.04
Nashville	Red			.03		.09			.01		T.									.66	.14		1.33										2.26
Newport [2]	White.	.05			39		.14	.11													.24		.03	.98									1.94
Oden [1]	Ouachita																			1.28			1.13										2.41
Okay	Red				.15	.31			T			.04								.02	.92		1.50										2.94
Osceola [2]	Mississippi	.14			.20		.20	.03												T	.13		T.	.58									1.28
Ozark [2]	Arkansas	.02				.06	T													T.	.72		.05	.89							T.		1.74

Daily Precipitation for November, 1941 Continued

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Paragould	St. Francis	.02		.04	.36	.18	.18	T.	T						T.					.01	.10		.56	.09								1.54
Parkin[2]	St. Francis	.10			.21		.17	.07															T.	.90								1.45
Perryville	Arkansas			.42	T.															.76			.88									2.06
Pine Bluff[2]	Arkansas	.09			.12		.17		T												.12		.29	1.34								2.13
Pine Ridge[2]	Ouachita	.03							.03											.07	1.05		.36	.84								2.38
Pocahontas	White			.05	.45	.15	.22														.29		.58	.13								1.87
Portland[2]	Ouachita		.60			.12	.22						.10									.06	.55	1.90								3.55
Prescott[2]	Ouachita	.17			.43		.12					.01								T.	.57		.86	.70								2.56
Rogers (near)	White			.10	.03	.26	.03	T.	T.											1.05			.98	.05							.19	2.69
Rosebud	Arkansas			.48	.22	.09														.53				.97								2.29
Russellville	Arkansas				.30	.03														.03	.58		.71	.31								1.96
St. Charles[2]	White	.13			.33		.16			T.										T	.24		.42	1.26								2.54
St. Francis[2]	St. Francis	.31			.35	T.	.14	.15	.03												.10			.56								1.64
Searcy[2]	White	.35			.35		.09														.56		.08	.86								2 29
Spring Bank[2]	Red	.35			.10		.31		T.											T.	1.70	.02	1.60	1.90								5.98
Story[2]	Ouachita		.06																		1.20		1.06									2.32
Stuttgart[2]	Arkansas	.08		.04			.11														.08		.15	1.58								2.04
Stuttgart Evap[2]	Arkansas	.08			.28		.14														.04		.43	1.24								2.21
Subiaco	Arkansas			T.	.01	.09														.43	.13		.97	.01							T.	1.64
Texarkana[2]	Red				.42		.15														.70		1.05	.45								2.77
Turnpike	Arkansas			.05	.22	.06														1.09	.53		1.15	.02								3.12
Wabash	Mississippi				.30	.13	.14														.50		1.72	.08								2.87
Waldron	Arkansas																			1.45	.11		.98									2 54
Warren	Ouachita				.05	.15						.10									.20		2 01									2.51
Whitecliffs[2]	Red				.12	T.						T.								T.	.95		1.03									2.10
White Rock	Arkansas			T.	T.	.19	T.													.52	T		1.11	.01							.25	2.08
Wilson[2]	Mississippi				.25		.20														.13		.15	.65								1.38
Wright	Arkansas				.09	.05	.01		T.												T		1.32									1.47
Wynne[2]	St. Francis				.43		.22														T.			.85								1.50

Daily Temperatures for November, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	65	74	69	60	57	48	50	45	51	52	56	62	63	71	78	83	74	75	69	71	58	58	43	51	58	69	71	72	70	69	63.1
	Minimum	51	41	46	48	44	37	34	30	28	26	24	29	30	35	36	46	47	45	58	45	38	35	35	26	25	31	34	33	35	40	37.1
Arkadelphia §§	Maximum	67	83	82	66	61	60	63	52	56	56	55	62	66	71	78	84	83	83	81	64	54	45	45	53	61	69	71	73	69	81	66.5
	Minimum	36	38	43	48	46	40	40	32	30	26	28	27	27	27	28	35	44	45	50	49	45	40	39	25	22	26	28	28	34	36	35.4
Batesville •••	Maximum	62	75	60	60	53	46	43	48	46	50	55	62	67	70	77	80	78	76	72	60	58	42	42	47	58	68	70	82	74	72	61.8
	Minimum	41	39	48	47	39	37	31	31	27	22	31	27	29	35	34	40	48	51	58	35	30	37	32	29	25	29	31	32	31	38	35.5
Bee Branch	Maximum	59	70	66	58	55	50	47	45	47	49	52	54	59	64	70	76	74	74	65	63	56	47	39	42	52	63	65	66	65	67	58.6
	Minimum	34	38	44	50	41	36	34	27	24	20	29	25	26	30	30	40	43	44	57	40	27	34	34	21	19	25	29	29	30	39	33.3
Benton §§	Maximum	67	76	74	62	61	50	55	54	53	53	58	61	64	69	57	82	76	63	72	61	57	44	44	51	58	69	71	72	70	73	62.6
	Minimum	39	38	43	50	47	43	38	36	37	27	27	29	29	30	36	39	44	44	46	53	43	42	39	26	23	24	28	31	32	34	36.6
Bentonville •••	Maximum	64	71	60	62	51	45	44	40	40	45	45	53	62	64	74	78	76	72	66	50	56	40	35	44	52	70	66	69	68	68	57.7
	Minimum	38	39	49	44	34	31	29	24	25	20	36	30	40	41	38	49	55	56	44	34	30	35	24	22	33	37	41	40	44	50	37.1
Blytheville	Maximum	61	71	70	62	60	54	45	42	62	47	48	53	64	64	71	78	77	75	73	68	58	46	44	40	47	63	66	69	70	72	60.8
	Minimum	44	40	49	54	53	40	35	32	34	33	26	27	33	44	36	43	50	50	59	35	30	40	38	30	25	31	35	38	36	38	38.6
Booneville	Maximum	67	77	67	68	60	48	52	47	51	52	55	63	67	72	79	85	79	77	70	66	60	53	41	52	65	70	72	72	72	68	64.2
	Minimum	34	37	48	49	46	37	36	30	25	22	39	27	28	33	31	41	51	52	64	38	31	38	35	19	22	26	30	32	36	45	36.1
Brinkley	Maximum	63	74	73	63	60	53	53	46	50	53	54	60	64	68	73	80	77	77	74	73	54	46	45	44	54	67	70	72	72	74	62.9
	Minimum	39	38	44	52	47	39	35	37	33	24	35	25	34	32	37	44	50	50	62	53	45	40	40	29	25	31	34	36	36	38	38.8
Camden	Maximum	69	77	80	68	71	58	63	59	57	60	61	63	67	74	76	87	74	78	79	71	60	65	54	58	60	67	73	75	70	78	68.2
	Minimum	39	41	42	55	46	40	38	32	32	26	33	27	28	28	32	40	42	45	58	49	44	39	39	26	23	26	28	29	30	32	36.3
Clover Bend	Maximum	70	74	63	62	58	61	54	42	41	41	43	62	61	70	68	70	79	76	75	62	51	48	53	54	51	66	72	71	72	72	61.4
	Minimum	38	33	48	44	41	36	34	25	29	20	21	23	24	28	27	35	41	42	41	41	25	30	28	24	20	30	25	31	30	36	31.7
Conway	Maximum	69	78	70	64	61	53	54	54	53	54	59	63	66	72	76	85	78	78	73	70	59	50	45	51	61	71	72	73	72	71	65.2
	Minimum	39	39	49	55	47	40	36	32	31	24	39	29	31	32	35	36	49	48	59	46	36	40	39	25	25	29	31	32	33	39	37.5
Corning	Maximum	63	72	62	59	60	49	44	43	43	47	50	60	65	62	72	80	77	72	72	49	63	43	44	42	55	66	77	73	73	77	60.5
	Minimum	42	37	47	52	44	39	32	26	31	26	23	23	32	30	31	37	42	57	42	23	37	35	35	29	22	29	30	30	30	34	34.2
Crossett	Maximum	66	73	76	68	63	55	64	59	53	58	58	60	67	70	70	82	76	79	78	71	55	51	47	51	57	67	70	72	72	76	65.5
	Minimum	35	38	40	45	47	40	34	29	27	26	36	26	26	28	32	38	43	45	55	54	44	40	40	31	21	25	27	29	33	36	35.7
Dardanelle	Maximum	61	75	66	65	61	50	52	49	53	47	67	59	65	68	70	80	78	76	72	67	56	52	45	46	61	65	67	70	69	67	62.6
	Minimum	39	40	50	55	46	39	36	33	32	25	40	30	32	35	35	42	47	56	63	45	34	39	38	24	25	30	32	34	34	46	38.5
De Queen	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Devils Knob	Maximum	58	65	59	62	52	40	40	40	41	48	48	52	57	66	72	75	70	64	63	59	53	43	34	44	51	62	63	64	67	64	55.9
	Minimum	31	45	52	45	36	31	32	23	27	24	36	33	37	42	46	56	54	62	56	33	34	32	28	19	31	42	46	48	50	51	39.4
Dumas	Maximum	68	75	75	65	62	55	60	47	55	56	55	61	67	68	77	82	78	77	77	72	55	48	46	50	60	69	70	72	76	75	65.1
	Minimum	39	42	45	54	49	40	37	33	30	27	35	28	28	29	30	44	47	50	59	52	43	40	42	35	24	30	31	32	36	35	38.2
El Dorado	Maximum	72	75	75	70	68	68	63	69	56	56	58	56	56	68	77	83	73	80	81	75	58	56	55	50	60	67	68	71	70	71	66.8
	Minimum	37	40	47	49	48	41	38	35	36	29	35	31	34	35	39	51	51	53	54	51	45	41	40	29	28	30	32	33	37	41	39.7
England	Maximum	63	72	73	64	60	53	56	48	52	51	54	59	63	68	73	81	77	78	75	71	60	62	45	46	57	67	71	70	72	74	63.8
	Minimum	38	41	48	54	46	40	38	33	34	26	35	29	31	30	34	43	43	56	59	47	40	40	39	28	25	28	33	53	35	36	38.7
Eureka Springs	Maximum	63	72	70	63	56	46	43	42	39	46	44	58	62	68	75	82	81	73	66	63	58	50	38	50	60	71	62	66	72	71	60.3
	Minimum	33	44	50	45	46	33	34	27	28	20	35	34	38	44	41	53	55	54	60	30	29	34	28	19	33	42	44	42	44	47	38.9
Fayetteville	Maximum	64	73	63	65	57	45	44	42	43	49	45	58	64	66	76	82	76	73	67	63	58	49	38	50	58	72	68	70	70	69	60.6
	Minimum	33	37	49	45	38	33	34	25	27	20	34	26	33	43	32	42	56	55	60	32	28	35	29	19	31	31	33	32	42	46	36.0
Fayetteville Exp. S	Maximum	62	72	64	64	58	44	42	42	41	47	45	58	62	65	76	79	75	71	70	64	58	51	35	48	56	68	67	68	68	67	59.6
	Minimum	34	38	38	48	40	36	37	29	30	28	41	32	42	45	39	56	59	59	64	34	31	35	29	21	32	36	37	36	45	48	39.3
Fort Smith•••	Maximum	64	70	63	64	55	49	50	45	48	48	52	60	65	66	74	83	79	76	73	56	56	41	39	49	61	65	67	68	68	67	60.7
	Minimum	39	44	55	53	40	39	36	32	33	30	43	34	36	43	40	48	55	56	53	42	37	39	31	26	30	35	40	42	45	52	40.9
Gilbert§§	Maximum	67	77	60	61	54	51	44	49	46	49	57	64	67	73	81	81	78	72	68	59	59	41	38	52	63	67	73	75	75	63	62.1
	Minimum	30	34	44	47	43	36	30	28	32	19	20	25	24	25	31	32	39	38	55	36	25	26	34	25	18	18	24	27	26	38	31.0
Grannis	Maximum	69	75	65	70	61	55	56	47	54	57	58	62	65	71	78	82	77	74	68	62	58	50	44	54	60	59	69	71	71	71	63.8
	Minimum	30	38	46	49	41	33	36	26	25	23	32	27	28	32	46	46	47	46	58	39	39	35	32	19	21	27	33	37	39	42	35.7
Gravette	Maximum	64	72	66	64	55	55	50	42	41	46	45	58	64	63	76	81	77	74	71	65	57	48	36	50	60	69	69	69	68	68	60.8
	Minimum	31	33	51	44	36	33	30	23	26	19	38	25	37	36	32	51	55	56	59	30	25	32	27	18	30	31	39	38	41	48	35.8
Green Mountain	Maximum	61	68	66	56	52	46	43	44	39	46	51	58	63	65	71	78	75	70	68	65	52	49	37	46	55	65	66	67	70	64	58.5
	Minimum	36	45	50	49	40	35	34	28	32	23	33	33	39	44	45	56	52	53	61	37	35	36	33	25	30	41	47	50	50	52	40.8
Harrison	Maximum	58	68	76	59	56	47	45	41	40	45	47	56	61	64	72	77	73	70	67	63	51	51	38	45	59	64	64	68	66	62	58 4
	Minimum	37	38	55	48	41	36	35	29	32	21	32	25	27	43	32	43	53	56	62	34	28	36	30	20	27	34	32	33	31	48	36.6
Helena	Maximum	60	72	72	64	62	51	55	42	49	53	52	59	64	67	72	80	75	77	75	74	54	45	46	44	48	66	70	72	73	75	62.3
	Minimum	38	42	49	51	47	38	33	30	33	26	32	26	32	31	38	45	50	51	60	51	39	37	39	32	21	30	39	35	44	42	38.7
Highland	Maximum	67	73	67	69	59	60	57	59	54	57	64	68	71	76	79	80	78	79	77	76	71	69	54	48	56	67	68	70	69	69	67.0
	Minimum	36	46	49	49	45	35	32	30	29	30	35	37	40	44	55	57	56	54	52	44	40	38	36	25	29	38	38	42	44	46	41.0
Hope §§	Maximum	67	75	75	69	59	56	59	50	53	54	55	62	65	69	75	81	78	77	77	62	56	46	44	51	60	69	71	72	70	65	64.1
	Minimum	36	37	48	53	49	40	40	34	34	27	28	29	29	30	31	39	46	46	49	48	45	40	39	25	23	25	30	33	34	35	36.7
Hot Springs	Maximum	60	70	74	62	60	58	47	60	45	47	47	55	57	63	70	75	73	74	66	66	55	47	40	47	55	66	70	72	68	70	60.6
	Minimum	39	49	53	46	42	37	37	32	31	28	36	33	37	40	43	53	57	53	62	42	42	38	34	26	29	39	44	42	40	45	41.0

Daily Temperatures for November, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Irons Fork.......§§	Maximum	67	74	63	65	56	50	52	44	50	55	50	61	65	71	78	82	75	70	64	56	60	41	36	51	60	70	69	71	71	74	61.7
	Minimum	36	36	49	50	42	35	36	27	23	20	30	25	26	30	30	40	45	57	59	39	36	36	34	18	21	27	29	31	35	38	34.7
Jonesboro	Maximum	63	71	69	59	58	51	45	45	43	49	50	59	64	68	73	79	78	76	71	69	55	45	45	43	54	65	70	72	72	71	61.1
	Minimum	41	41	49	53	44	39	35	27	34	27	27	28	31	32	36	43	45	47	56	48	33	39	37	31	24	32	34	35	35	39	37.4
Lead Hill..........	Maximum	64	74	58	65	52	47	43	44	39	46	48	62	65	66	77	82	79	73	70	63	57	54	39	56	64	66	71	72	69	61	60.7
	Minimum	38	35	46	49	40	36	34	30	34	20	30	23	24	36	29	36	40	44	57	36	26	39	33	20	20	25	27	27	28	44	33.5
Little Rock..***	Maximum	64	72	71	61	58	50	51	46	48	49	54	58	62	68	73	80	74	75	72	64	54	46	43	45	55	64	67	66	67	68	60.8
	Minimum	38	44	53	52	44	40	39	35	35	32	40	34	36	38	44	50	54	52	63	48	42	40	38	30	28	34	38	41	43	43	41.6
Little Rock.....*** [Airport]	Maximum	66	75	72	62	59	51	53	48	51	49	55	60	63	70	75	82	75	78	73	64	54	46	44	45	56	65	67	67	67	69	62.0
	Minimum	37	43	50	49	43	40	38	34	34	30	35	32	31	33	38	46	49	47	60	46	40	40	38	29	27	33	35	34	34	37	38.7
Lutherville........	Maximum	61	72	65	65	60	49	50	48	50	50	55	57	63	65	69	80	76	72	67	67	56	48	42	46	57	67	66	69	68	69	61.0
	Minimum	35	39	49	52	42	37	34	29	28	22	38	29	30	38	36	47	50	51	60	40	30	36	36	21	24	33	36	38	41	48	37.6
Magnolia..........	Maximum	69	75	79	73	70	59	63	63	59	60	63	63	67	70	79	83	85	81	78	75	63	59	50	55	67	69	72	75	76	77	69.2
	Minimum	36	42	49	57	48	42	41	35	37	30	36	29	31	31	37	49	49	53	63	51	45	42	41	28	27	31	33	33	38	38	40.1
Mammoth Spring.	Maximum	61	71	65	62	58	50	46	45	42	47	52	60	65	61	75	80	78	74	69	66	58	45	38	45	50	67	69	72	70	65	60.2
	Minimum	41	35	46	52	43	39	30	28	34	24	26	25	26	33	31	37	40	41	40	40	27	34	36	29	23	26	29	30	33	36	33.8
Marianna.........	Maximum	65	74	73	67	65	59	54	45	50	53	53	60	64	67	73	81	76	77	74	72	72	54	47	45	53	67	70	72	73	75	64.3
	Minimum	40	40	45	49	48	45	40	34	34	24	33	26	29	28	34	42	48	49	59	50	40	38	38	33	24	30	33	33	33	37	37.9
Marked Tree....§§	Maximum	62	72	73	64	64	50	47	45	43	48	51	59	64	66	74	79	77	75	71	59	55	46	44	38	52	64	69	70	70	71	60.7
	Minimum	40	39	44	52	54	38	32	28	32	27	25	24	28	29	32	39	42	46	53	48	33	38	36	31	22	28	31	32	32	35	35.7
Mena.............	Maximum	67	73	68	65	58	52	51	44	50	55	52	60	65	71	76	82	75	71	68	61	59	49	42	52	59	70	69	72	72	72	62.7
	Minimum	34	44	51	51	43	36	39	29	28	25	37	30	36	39	38	54	52	56	63	42	41	37	33	22	28	34	36	39	40	47	39.5
Monticello......***	Maximum	66	73	73	64	62	56	60	44	56	57	56	60	66	69	74	82	76	78	77	64	55	46	44	50	56	68	69	72	72	76	64.0
	Minimum	38	43	48	54	48	40	36	33	34	32	37	33	32	33	40	47	52	53	63	53	43	41	42	32	25	32	35	39	44	42	40.8
Morrilton ....§§	Maximum	65	75	68	56	59	49	51	48	52	52	59	59	66	70	74	84	77	76	72	61	57	43	45	48	60	67	70	69	68	70	62.3
	Minimum	39	39	47	53	46	40	37	33	31	25	27	30	31	34	34	35	42	47	53	45	36	38	38	26	26	27	31	32	33	33	36.3
Mountain Home...	Maximum	64	74	56	61	54	49	42	47	41	47	54	62	68	67	76	82	78	75	69	66	58	43	39	49	63	68	71	73	73	64	61.1
	Minimum	38	37	49	48	40	37	32	29	29	20	33	25	28	36	31	33	46	51	61	37	29	37	33	22	21	29	32	32	33	45	35.1
Mt. Ida...........	Maximum	69	76	71	69	59	55	56	52	52	56	55	64	66	75	81	84	77	75	74	70	60	48	43	54	61	72	74	74	68	73	65.4
	Minimum	32	35	44	55	44	39	36	30	25	20	34	24	24	27	29	36	43	49	63	44	37	38	36	20	18	23	25	26	27	48	34.4
Nashville..........	Maximum	68	74	69	71	60	57	59	51	55	54	57	62	64	69	77	82	79	77	76	63	56	51	50	52	51	68	69	72	71	72	64.5
	Minimum	37	41	48	54	47	40	42	34	33	30	35	31	31	31	35	43	47	47	60	47	45	39	36	25	25	29	31	35	38	43	38.6
Newport...........	Maximum	65	75	67	64	61	52	49	48	48	50	55	61	64	70	75	80	79	78	73	71	57	50	45	45	55	72	72	72	73	70	63.2
	Minimum	41	38	49	55	48	41	39	34	38	27	33	28	33	34	35	41	49	50	62	48	33	40	39	33	25	30	35	32	32	38	38.7
Oden......... ..***	Maximum	67	75	66	68	59	51	52	47	52	55	53	64	67	72	84	84	78	73	69	60	59	44	40	51	59	70	70	72	71	72	63.5
	Minimum	43	40	53	46	40	39	40	30	28	32	37	29	28	34	45	44	49	52	60	42	39	38	28	31	20	29	31	31	31	43	37.7
Okay	Maximum	68	73	75	72	67	58	62	55	56	55	57	63	64	70	78	82	79	79	77	75	61	55	48	53	61	69	70	72	73	75	66.7
	Minimum	34	39	49	54	50	40	44	35	35	28	34	29	28	29	33	41	46	50	62	46	46	40	40	26	22	26	29	31	35	43	38.1
Ozark.............	Maximum	62	71	62	86	58	49	50	47	48	50	52	58	62	67	73	79	77	75	69	66	58	52	42	50	57	66	67	68	67	69	61.9
	Minimum	32	35	46	49	40	34	37	27	25	20	37	25	26	32	31	37	43	49	58	34	32	38	33	20	24	29	33	35	36	49	34.9
Paragould....... .	Maximum	60	66	65	60	60	50	48	42	42	45	46	55	60	63	67	73	74	73	69	69	69	47	45	42	51	59	64	66	66	67	58.8
	Minimum	44	37	47	54	47	40	36	30	34	29	25	25	29	31	32	38	41	45	56	47	30	37	37	32	24	29	31	32	31	35	36.2
Perryville	Maximum	65	75	71	64	61	50	52	47	51	52	57	62	66	70	76	85	77	77	72	74	72	49	44	50	61	69	70	73	71	69	64.4
	Minimum	37	37	46	51	45	38	36	32	30	23	39	27	28	31	34	39	44	45	62	37	35	38	39	24	22	27	29	30	30	38	35.8
Pine Bluff.........	Maximum	67	76	74	64	60	56	56	49	52	52	56	62	66	73	76	84	77	79	75	71	56	49	46	49	59	69	72	71	71	73	64.7
	Minimum	39	47	49	55	46	40	40	34	34	33	38	31	32	33	39	43	49	50	61	50	45	40	41	32	27	32	35	34	36	38	40.1
Pocahontas.......	Maximum	63	73	68	62	60	53	48	45	44	49	53	59	62	68	72	77	77	75	72	70	55	50	44	44	52	63	70	70	70	70	61.3
	Minimum	41	36	47	52	45	39	32	29	32	22	24	25	27	31	33	39	43	42	57	43	29	37	36	30	24	27	30	30	31	35	34.9
Portland	Maximum	59	65	64	68	64	55	65	57	55	59	56	58	65	70	74	80	75	80	79	71	58	52	49	48	55	68	68	72	73	77	64.6
	Minimum	57	46	47	56	50	43	42	38	37	36	43	36	35	38	42	46	49	52	59	61	50	45	47	42	31	36	38	40	42	45	44.3
Prescott............	Maximum	67	73	73	69	65	56	60	54	52	55	57	61	64	69	76	82	77	77	76	73	57	52	46	50	59	68	69	71	70	71	65.0
	Minimum	38	42	48	55	50	41	43	34	34	29	36	30	31	32	39	46	48	48	62	48	46	40	40	28	25	30	33	34	38	41	39.6
Rogers	Maximum	65	73	63	63	51	47	44	43	42	48	44	58	64	66	75	82	76	73	65	62	57	45	33	45	58	70	68	70	70	63	59.4
	Minimum	32	40	50	46	37	33	32	24	29	20	38	29	34	40	35	47	50	53	60	31	27	33	28	19	28	32	39	37	39	48	36.3
Russellville.	Maximum	66	76	..	..	..	50	53	50	52	52	59	62	66	85	75	84	79	77	73	69	59	60	54	50	61	70	70	72	71	69	65.3
	Minimum	38	37	..	..	..	41	37	34	32	26	40	30	30	34	33	40	44	44	63	43	33	45	39	24	23	28	31	33	33	36	36.0
St. Charles ......§§	Maximum	63	73	73	63	62	51	55	50	52	55	55	60	65	69	79	80	76	77	76	63	55	45	44	46	54	67	69	72	72	75	63.2
	Minimum	38	43	45	52	48	39	35	34	31	29	36	28	31	30	36	42	44	48	55	51	42	38	38	34	25	29	33	36	37	38	38.2
Searcy	Maximum	63	73	68	62	60	54	51	48	50	51	56	60	63	69	74	79	75	76	72	70	55	50	44	47	56	66	70	71	69	71	62.4
	Minimum	38	36	46	53	44	38	36	31	31	26	29	27	29	30	34	40	44	43	59	48	36	39	39	31	24	27	30	32	32	38	36.3
Stuttgart	Maximum	61	73	73	62	60	52	56	44	50	52	54	59	64	69	72	80	77	79	74	71	53	47	44	44	45	65	71	69	71	72	62.1
	Minimum	37	41	46	53	47	39	36	34	29	26	35	28	30	30	36	44	47	47	57	51	42	38	39	30	24	28	33	33	35	37	37.7
Stuttgart (near).§§	Maximum	62	72	72	63	57	53	54	45	57	53	55	59	63	69	74	80	75	77	74	..	61	45	43	45	54	67	69	72	71	74	62.6
	Minimum	38	40	45	51	46	40	36	34	30	28	29	26	28	29	33	39	45	49	53	53	..	38	39	33	24	29	32	31	33	35	36.8
Subiaco	Maximum	63	75	74	68	60	47	..	47	47	50	52	58	67	67	73	84	79	77	71	67	60	51	41	49	60	..	63	70	68	68	62.7
	Minimum	47	42	51	54	44	38	41	31	31	26	40	32	32	39	38	44	..	54	65	42	35	37	36	25	25	32	..	38	40	43	39 4
Texarkana	Maximum	70	77	76	71	61	58	62	52	58	58	58	62	68	72	81	84	80	78	79	72	60	53	47	52	64	70	72	75	76	74	67.3
	Minimum	33	41	49	51	47	37	41	33	35	30	34	32	33	32	38	48	52	50	61	45	44	39	37	25	24	30	33	36	36	41	38.9
Turnpike..........	Maximum	59	68	60	60	59	44	40	42	44	51	47	55	60	64	70	77	72	66	62	63	55	44	35	47	54	64	65	67	68	69	57.7
	Minimum	32	46	51	45	36	31	33	24	28	25	35	33	36	42	48	56	54	52	55	34	33	31	29	20	29	41	47	47	48	50	39.0
Waldron	Maximum	67	76	70	68	61	50	50	48	50	53	46	63	79	66	78	85	78	76	70	..	59	53	45	51	63	71	72	72	71	70	64.2
	Minimum	33	36	45	50	42	37	34	28	24	21	38	26	26	31	40	38	45	49	60	..	33	34	33	20	21	25	28	30	31	42	34.5
Warren	Maximum	66	73	75	64	60	55	60	50	60	57	56	61	65	70	77	82	77	80	78	74	58	51	46	50	58	65	69	72	73	..	64.9
	Minimum	39	44	45	54	49	41	36	35	34	29	36	34	30	31	37	47	49	50	62	55	47	41	42	30	25	30	32	33	35	..	39.7
White Rock.......	Maximum	60	67	62	66	52	48	44	42	42	46	44	52	57	64	70	76	71	67	64	62	54	44	42	45	54	63	62	65	66	61	57.1
	Minimum	31	47	52	44	35	30	31	21	27	23	36	32	37	43	44	55	54	52	53	34	33	31	26	19	32	40	43	45	48	52	38.3
Wilson	Maximum	60	71	72	62	62	49	47	42	43	48	46	59	61	61	71	76	78	78	77	70	49	47	43	44	44	50	69	72	72	74	59.9
	Minimum	43	40	49	51	48	38	33	27	34	31	24	25	26	31	33	46	50	50	49	46	36	34	34	31	24	32	37	32	34	37	36.8
Wynne	Maximum	63	76	73	67	60	52	50	46	47	49	51	56	64	63	74	80	78	77	73	72	55	48	45	44	54	65	72	72	73	74	62.8
	Minimum	49	40	49	52	47	39	34	37	35	22	32	25	32	31	33	44	51	49	62	50	35	38	37	32	23	31	32	34	33	36	38.1

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for November, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Hope, ...§§ Exp. Farm	Evap.	.100	.092	.078	.072	.098	.082	.112	.142	.100	.058	.052	.040	.066	.082	.086	.056	.106	.124	.074	.120	.104	.164	.002	.060	.028	.072	.058	.058	.076	.038	2.400
	Mean tem.	62	56	62	62	54	48	50	42	44	40	42	46	47	50	53	60	62	62	63	55	50	43	42	38	42	47	50	52	52	50	50.4
	Wind move	119	39	35	25	18	105	91	84	42	37	22	21	24	21	17	22	24	29	61	53	68	58	66	46	18	29	14	12	15	11	1226
Irons Fork... §§ Exp. Forest	Evap.	.038	.025	.035	.008	.030	.037	.024	.030	.031	.008	.011	*	.036	.027	.016	.019	.025	.037	.025	.039	.057	.016	.012	.018	*	.021	.007	.021	.025	.020	0.698
	Mean tem.	52	55	56	58	49	42	44	36	42	38	40	43	46	50	54	61	60	64	62	48	48	38	35	34	40	48	49	51	53	56	48.2
	Wind move	17	5	8	8	8	24	25	29	10	3	2	2	2	2	2	0	5	23	26	14	11	10	14	5	3	7	3	2	3	1	274
Russellville,... Ozark Nursery.	Evap.	.044	.082	.034	.030	.060	.086	.094	066	.086	.064	.034	.066	.050	066	.048	.044	.110	.054	.026	.126	.066	.033	.113	.018	.026	.034	.042	.054	.050	.036	1.752
	Mean tem.	52	56	....	....	....	46	45	42	42	39	50	46	48	60	54	62	62	60	68	56	41	48	46	37	42	49	50	52	52	52	50.6
	Wind move	116	9	10	19	40	107	70	82	24	13	13	10	10	14	10	8	16	18	40	36	13	35	59	11	10	4	6	5	2	5	815
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.074	.068	.054	.100	.031	.062	.044	.097	.038	.023	.059	.053	.039	.060	.061	.052	.055	.065	.081	.043	*	164	....	.052	.007	.047	.026	.057	.032	.036	1.580
	Mean tem.	55	56	58	57	52	46	45	40	44	40	42	42	46	49	54	54	60	60	64	58	....	....	42	42	39	48	50	52	52	54	49.7
	Wind move	172	56	19	48	12	106	129	97	52	17	16	16	7	22	22	16	9	29	64	104	*	115	89	40	12	30	4	6	3	2	1314

Daily Precipitation for November, 1941 Additional Rainfall Stations

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Abbott[2]	Arkansas					.10															.48		.20	.48								1.26
Antoine(near)[2]	Ouachita																														......
Beaty Lake(near)	St. Francis				.19	.13	.19	.01													.03		1.02	.17								1.74
Beech Grove(near)	White				.49	.20	.28	T.												.14			.65									1.76
Beedeville[2]	White				.25		.21	.07		T.											.53		.04	.82								1.92
Blue Mountain[2]	Arkansas																				.45		.30									0.75
Bluff City.[2](near)	Ouachita				1.84	.15															.61		2 18									4.78
Booneville	Arkansas	.04			.09	.03						T.							.04	.60			.30	.02								1.12
Brinkley[1]	White																														......
Cabot[2]	Arkansas																														......
Camp Alton	Ouachita			11		.27																										......
Camp Damascus[2]	Arkansas			.26																	.58			.97								1.81
Carlisle	Arkansas	.17			.38		.03														.02		.08	.99								1.67
Charlotte (near)	White																														......
Clay SCS[2]	White																														......
Corley[2](near)	Arkansas					.09														1.20			1.09									2.38
Denmark[2]	White				.57		.06	.04		T											.72		.15	.75								2.29
Dermott[2]	Mississippi	.15			.04		.18					.12									.08	.01	.25	1.53								2 36
Dutch Greek CCC	Arkansas				.25															1.34			.96									2.55
Eagle Gap[2]	Arkansas				.04	.06		.05				.02								2.06			1.07									3.30
Eleven Point[2]	White	.20			.69		.29	.11	T.						T.	T.				.30			T.	.73								2.32
Evening Shade[2]	White	.18			.71		.26	.08	T.												.63		.01	.83								2.70
Forrester[2]	Arkansas	.20			.30															.30			.20	.70								1.70
Gravelly.[2]	Arkansas				.20																.60			.80								1.60
Green Forest[2]	White			.33		.17	T.	T	T.		.01									.58		T.	.39	T.	T.						.18	1.66
Greenwood[2]	Arkansas	T.				.10															.60		.20	.80								1.70
Harrisburg[2]	St. Francis				.30	.15	.10													.36				.72								1.63
Hollis (near	Arkansas					.30	.07														1.00		.50									1.87
Hon[2] (near)	Arkansas																			1.50	T		.22									.....
Huttig[2](near)	Ouachita	.46			.28		.14					.06									.07		.93	1 74								3.68
Jacksonville[2](near	Arkansas																														......
LaCrosse[2]	White				.47										T.					.66				.81							T	1.94
Lake City[2]	St. Francis	.27			.31		.28	.04													.44			.58								1.92
Marshall[2]	White	.18			.60	.08	.06														.84		.10	.88							.05	2.79
Marvell[2]	White																														.....
Mena CCC	Red						.07													1.82			1.08									2.97
Morobay[2] (near)	Ouachita	.30					.26					.04									.45		.60	1.37								3.02
Mountain View[2]	White	.29			.41		.11	T.		T											.81		.31	.67								2.60
Newhope(near)[2]	Ouachita	.08																		T.	1.25											1.33
Odell (near)[2]	Arkansas				.06	.27	.05													.01	1.23	.12	.95							.12	.01	2.82
Osage Mills.(near)	Arkansas																														......
Pottsville[2](near))	Arkansas																			T.	.46		.18	.99								......
St. Paul[2](near)	White	.03				.25	02														70			1.02							.35	2.37
St. Vincent	Arkansas			.10	.26																.39		1.09									1.84
Shirley[2](near)	White	.24			.49		.07		T.												.48		T.	1 09								2.37
Solgahachie(near)	Arkansas			.46																.58			1.00									2.04
Sparkman[2](near)	Ouachita			.28		.27														.48	T.	.83	.93							T.	2.79
Stamps (near)	Red				.08	.31						.05								1.40			3.10									4.94
Stephens[2] (near)	Ouachita				.05		.15					.09									1.04		2.66									3.99
Sugar Grove[2]	Arkansas	15			.27	.10														.20	.75		.27	.76								2.50
Texarkana	Red																														.. ..
Tichnor[2]	White	.27			.23		.16														.27		.53	1.73								3.19
Vick[2]	Ouachita																														......
Walnut Grove	White				.55	.10		.14							T.					T.	.23		.87									1.89

Daily River Stages for November, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	33.5	36.7	37.3	36.7	35.6	34.2	32.0	29.5	25.9	23.4	19.4	15.0	12.8	13.1	12.4	12.0	11.6	10.3	9.6	10.4	11.7	12.0	13.0	15.4	17.6	17.6	16.3	14.8	13.0	12.1
Van Buren	do	22	32.0	35.2	35.8	35.7	34.8	34.2	31.5	29.0	26.0	23.2	20.3	16.8	14.4	14.7	14.2	13.5	13.0	11.7	10 9	11.6	13.0	13.3	14.4	16.7	18.8	18 9	17.8	16.2	14.4	13.4
Danville	Petit Jean	20	24 0	23.7	22.7	21.0	18.4	14.4	10.6	8.6	7.6	6.9	6.3	5 6	5.1	4.7	4.4	4.1	4.0	3.9	3.7	4.4	7.4	7.7	11.5	17.8	17.0	13.2	10.1	8.4	7.2	6.3
Ozark	Arkansas	22	25.0	28.0	31.0	33.0	33.0	32.2	30.0	27.7	24.1	19.9	16.7	13.3	10.4	9.7	9.7	8.9	8.3	7.5	6 4	6.4	7.5	8.3	9.4	11 0	13.5	14.2	13.5	12.0	10.3	9.0
Dardanelle	do.	22	26.5	28.0	30.2	31.1	31.8	32.0	31.4	30.3	28 6	25.8	22 0	18 3	15.1	13.1	12.7	12.2	11.6	11.1	10.2	9 7	10.2	11.1	12.5	13.5	15.1	16.2	16.5	15.4	14.2	12.5
Morrilton	do.	20	22.6	23.9	25.6	26.8	28.2	29.0	28.9	28.2	27.2	25.1	21.7	18.0	14 3	11.5	10 4	10.0	9.2	8.5	7.6	6.7	6.9	7.6	8.8	9.8	11.1	13 2	13 8	12.9	11.4	9.7
Little Rock	do.	23	21.4	22.9	24.0	24.8	25.4	25.9	26.3	26.1	25.7	24.8	23.3	20.8	18.3	15.5	13 3	12 4	11.5	10.6	9 7	8.8	8.2	8.4	9.2	10.8	11.8	13.6	14 8	14.5	13.3	11.9
Pine Bluff	do.	25	24 2	25.2	26.4	27.6	28.9	29.6	30.2	30.6	30.6	30.4	29.2	27.0	23.9	21.3	18.3	17 5	16.4	15.8	14.9	14.1	13.3	13.3	13.5	14.5	15.4	16 3	17.9	18 4	17.8	16 6
Gilbert	Buffalo	30	11.5	7.7	6.7	6.1	5 7	5.4	5.1	4.9	4 7	4.5	4.4	4.2	4.1	4.0	3.9	3.9	3.8	3 8	3.8	3.8	3.8	4.5	6.8	6.2	5.8	5.3	5.0	4.8	4.6	4.5
Black Rock	Black	14	16.7	18.5	17.7	16.5	17.0	16 7	15.9	14.9	13.8	12.6	11.5	10.8	10.1	9.7	9.5	8.9	8 5	8.0	7 5	7.1	6.5	6 4	6.6	6.7	6.6	6 5	6.4	6.2	5.9	5.7
Heber Springs	Little Red	30	28.6	13.9	10.9	9 7	9.7	8.8	8.1	7.5	7.0	6.4	6.1	5.8	5.5	5 3	5.1	5.0	4.8	4.6	4 5	4.4	4.9	5.9	6.8	10.2	8 7	7.9	7 3	6.8	6 4	6.0
OzarkBeachMo	White	30	17 8	18.4	64.6	10.0	8.9	7.8	6.9	6.1	5.6	5.2	4.8	4.6	4.4	2 3	2.8	1.8	3.0	2 6	1.8	4 5	7.8	3.1	4.6	5.7	6.1	6.4	5.8	5.2	4 8	4.6
Cotter	do	21	19.0	19.3	18.8	16.6	12.0	9.1	9.1	8.5	7.4	6.8	6.3	6 0	5.8	5.6	5.3	4.2	4.4	4 2	4.2	4.2	4.2	4.2	5.2	6.4	7.0	7 0	7.3	7.2	7.0	6.9
Calico Rock	do	18	27.3	22.1	20.3	19.0	15.0	11 7	10.2	8.9	7.2	7.2	6.6	6.2	5 7	5 4	5.0	4.4	4.0	3.5	4.2	3 7	3 9	5.3	5.8	7.0	7.3	7 2	7.3	6 8	6.2	5.8
Batesville	do	23	28.0	30.8	28.3	26.2	24.7	20.0	17.3	15.7	14 2	13.1	12.2	11.6	10.9	10.5	60.1	9.5	9 0	8 9	8.2	8.7	8 6	8.6	10 2	16.0	12 4	12.5	12 4	12.4	11 6	10.9
Newport	do	26	18.9	24 2	26.6	27.8	28 1	27.8	26.7	25.5	24.1	22.6	21.1	19 6	18 0	16 4	15.0	13 5	12.2	10.9	9.9	9 0	8.4	7.9	8.2	9 5	10 5	12 6	11.8	11.8	11.6	10.8
Georgetown	do	21	17.2	19.5	20.4	21.0	21.4	22 5	23 3	23 8	24.0	24.0	23.8	23 5	23.1	22.6	22.0	21.5	20 9	20.2	19 2	18.0	16.8	15 6	14.8	14.3	14.8	15 1	15.2	15 2	15.1	14 8
Des Arc	do	24	19 0	19.7	20.5	21.0	21.6	22.1	22.9	23.9	25.0	25.8	26.2	26.3	26.0	25 7	25.3	24.8	24.2	23.4	22.7	21.8	20.8	19 6	18 6	17 7	16.8	16.8	17.6	17 8	18.0	17 6
Clarendon	do	26	23.1	23.1	23 1	23 3	23.5	23.8	24.2	24.5	25.1	25.8	26 5	27 0	27.4	27 6	27.7	27.7	27.6	27 4	27 3	27 0	26.6	26.3	26.0	25 5	25.0	24.5	24.1	23.8	23.5	23.3
St. Charles	do	25	21.8	22.0	22 2	22.3	22.5	22.7	22.9	23.1	23 4	23 8	24.2	24.6	25.0	25.3	25.7	25.9	26.0	26.1	26.1	26.1	26.0	25.9	25.9	25.7	25 5	25.3	25.0	24.8	24.5	24.3
Glenwood	Caddo	..	7.0	6.5	6.2	6 1	6.0	5.9	5.8	5.7	5.6	5.6	5 6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5 4	6.1	5.9	5.8	6.7	6.4	6.1	6.0	5.9	5.8	5.8	5.7
Arkadelphia	Ouachita	17	9.7	9.0	10.4	11.2	9.7	8.7	7.7	7.5	7.2	7.0	7.4	7.2	7.4	7 3	7.4	7.4	7.0	7.5	7.5	7.6	7.8	7.8	8.6	7.9	9.0	7.8	7.7	7.3	7.6	7.4
Boughton	Little Mo.	20	5.6	9.2	9.3	7.6	6.6	6.0	5.6	5.3	5.1	4.9	4.7	4.5	4.4	4.4	4.3	4.2	4.2	4.1	4.0	4.0	4.0	4.0	7.2	9.0	9.4	9.6	7.1	6.5	6.0	5.7
Camden	Ouachita	26	9.3	10.2	12.1	12 9	14.5	14.9	12.5	10 5	9.2	8.5	8.0	8 1	8.1	7.9	7.9	8 0	8.0	7.8	7.5	7.9	8.1	8.2	6.8	9.5	10.6	10.7	11.9	11.0	10.0	9.3
Benton	Saline	20	11.5	10.0	8.4	7.6	7.2	6.8	6 5	6.2	6.0	5.8	5.6	5.4	5.3	5.2	5.0	5.0	4.9	4.8	4.7	4.4	4.6	5.7	7.7	8.9	7.9	7.2	6.8	6.5	6.3	6.1
Index	Red	25	18.2	21.8	23.4	24.6	25.6	26.3	25.8	23.2	20.3	17.8	16.9	15.0	14.4	13.8	13.3	12.9	12.6	12.4	12.2	12.2	12.2	12.2	12.7	13 4	13.3	14 2	14.2	13.5	12.7	12.1
Fulton	do	25	17 5	21.0	23 4	25.1	26.4	27 4	28.0	26.7	24.4	21.9	19.9	18.3	16.8	15.2	13 4	12.6	11.1	11.7	11.4	11 3	11.2	11.6	12.6	13.2	13.9	14 6	14.8	14.2	13.2	12.3
Big Lake Outlet	St. Francis	10	3.0	3.0	3.1	3.4	3.7	4.0	4 3	4.4	4.4	4.4	4 3	4.3	4.2	4.1	4.0	4.0	3 9	3.7	3.6	3.7	3 8	3.7	3.8	3.8	3.7	3 6	3.7	3.6	3.6	3.7
St. Francis	do	18	12.3	12.8	13.3	14.4	15.3	15 8	16.3	16.6	17.0	17.2	17.5	17.7	17.8	17.8	17.5	16.9	16.4	15.3	13.9	12.4	11.5	10.4	10 0	9.6	9.6	9 7	9.9	10.2	10.4	10.4
St. Francis L.L.	do	..	17.5	17.7	17.6	16.9	16.5	16.4	16.4	16.5	16 7	16.9	17.1	17.3	17.4	17 6	17.8	18 0	18.2	18.4	18.6	18 7	19.0	19 2	19.5	19.6	19.7	19.8	19.8	19 8	19.7	19.6
Marked Tree	do	17	2.0	2.5	3.1	4.3	4.3	4.1	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.0	5.0	5.4	5.6	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.4	6.5	6 5	6.5
Parkin	do	28	2.1	2.1	2.0	2.4	3.1	3.3	3 4	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.1	4.3	4 5	4.6	4.6	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5 4
Madison	do	32	1.1	0.9	0.9	1.0	1.6	2.5	3.5	4.3	4.6	5.0	5.4	5.9	6.4	6.6	6.4	5.9	5.4	4.3	3.2	3.2	2.6	2.8	2 8	2.8	2.8	2.9	3.0	3.0	3.1	3.2
Helena	Mississippi	42	20.1	20.5	20.7	21.1	22.0	23.1	24.2	24.9	25.3	25.7	26.3	26.8	27.1	27.8	27.0	26.3	25.1	23.7	21.9	20.3	18 9	17.7	16.5	15.3	14.5	13.8	13 6	13.9	14.4	14.8
Arkansas City	do	42	20 9	21.4	22.0	22.8	23.2	24.0	24.9	25.8	26.6	27.3	27.7	28.0	28.1	27 6	26.9	26 0	25.2	24.1	22.8	21.6	20.2	19.0	17.7	17.0	16.3	15.6	15 2	15.6	15.9	16.1

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Bethesda, Batesville; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover: White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

Weather Bureau Office, Little Rock, Ark. 1-2-42-1150

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVI Little Rock, Ark., December, 1941 No. 12

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Temperatures averaged slightly above normal in Arkansas during December. Comparatively mild weather prevailed during the first five days of the month and again from the 16th to 23d. Temperatures were below the seasonal average from the 6th to the 15th, and from the 27th to the close of the month. The average monthly mean temperature for the State, based on the records of 73 stations, was 44.7°, which is 1.8° above the seasonal average of 51 years. Considering individual stations, temperatures ranged from 51.1° at Portland to 40.4° at Bee Branch and Gilbert. Temperatures averaged above normal at nearly all stations in the State. The highest temperature reported during the month was 80° at Camden on the 1st and 20th, the lowest was 14° at Gilbert on the 7th, 8th and 29th. Temperatures were well below the freezing point in all sections on several days of the month.

The average monthly precipitation for the State, based on the records of 103 stations, was 3.67 inches, which is 0.53 inch below normal. The heaviest total reported during the month was 6.62 inches at Whitecliffs, Little River County, and the least was 1.09 inches at Portland, Ashley County. Nearly half the stations reported more than four inches of precipitation, while only eight reported less than two inches. Generally, the southeastern counties received the least rainfall. Precipitation fell over most of the State on the 1st and 2d, 11th to 13th and 21st to 25th. The heaviest rains fell on the 22d when many stations measured over two inches in 24 hours. On that date 3.97 inches fell at Newport. Some snow and sleet fell in many sections of the State on the 11th. Lutherville reported a snowfall of 4.5 inches on that day. The snow remained on the ground for about one day.

Sunshine was slightly above normal for December. There were 11 clear, 8 partly cloudy and 12 cloudy days. No destructive windstorms were reported. The rivers in Arkansas were below flood stage all month. A considerable rise occurred on the White River following the heavy rains on the 22d, the river reaching 24 feet at Clarendon on the 31st, which is two feet below flood stage.

December weather was quite favorable for seasonal outdoor farm activities. Considerable plowing and terracing was accomplished. Peanut threshing, pecan harvesting, spinach cutting and butchering were some of the main activities when weather permitted. Winter grains and cover crops looked favorable at the close of the month. Soil moisture was ample in all sections.

B.N.W.

LOUIS R. KECK
1872-1941

Louis R. Keck, who had been the Cooperative Observer of the Weather Bureau at Harrison since September 1, 1931, died at his home on December 31, 1941. His 10 years of service to the Weather Bureau without compensation is greatly appreciated.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville.	30.08	30.33	6	29.40	23	6.8	20	s.	4	..	..	..	42
Fort Smith..	30.02	30.56	6	29.51	23	7.2	26	nw.	23	..	..	..	50
Little Rock..	30.11	30.52	29	29.50	23	7.2	27	w.	23	89	68	76	52
Memphis	30.11	30.53	29	29 46	23	7.4	32	sw.	23	..	..	..	54

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog. . . .	4	11	10	11	..	..	..			..	4	4	1	.	1	1	6	10	18	7	.	5	3	2	2	.	..	..		.	2
Light hail	..	..	..	..	.	..	..		..	..	..	..	..	..	..	..	..	..	..		..	1	2	.	..	..	..	..	.	..	..
Moderate hail .		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	.	..	.	..	.
Thunderstorm .	1	5	..	..	..	..	..	.		.	..	1	1	..	..	..	..	..	.	.	1	14	9	1	7	..	..	..	..	2	12

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	72	13	4.69	....	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1 3	6	12	6	13
1902	40 8	75	5	5.71	3.3	8	10	6	15
1903	39 7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0 7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3 2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.3	7	12	4	15
1916	42.1	82	−16	3.35	4 5	6	14	5	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43.2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41.4	86	− 8	5.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0 9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41 5	74	4	3.78	0 2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44.6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
1940	46.7	77	14	3.90	T	9	13	5	13
1941	44.7	80	14	3.67	0.3	7	11	8	12
Period	42.9	88	−21	4.20	1.2	8	12	6	13

Corrections for November:

Mean temperature at Bethesda, 48.8°; total precipitation at Fayetteville Experiment Station, 2.82 inches; Blytheville precipitation on 9th, T.

Climatological Data for December, 1941

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	4	44.3	......	72	19	22	7	35	4.99	......	2.40	0.4	9	6	10	15	w.	L. R. Water Works
Arkadelphia	Clark	200	45	45.2	......	73	20	21	7	37	4.97	+0.09	1.67	0.0	9	10	3	18	ne.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	56	......	......	......	......	......	......	......	1.76	−4.22	0.78	0.0	4	7	13	11	......	George W. Reitzammer
Batesville Airway	Independence	363	4	43.5	+ 3.5	73	1§	19	29	43	5.71	......	1.27	T	8	11	8	12	sw.	Airway Observer
Batesville	Independence	277	41	......	......	......	......	......	......	......	4.62	+0.70	2.65	T.	7	16	3	12	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	48	40.4	− 1.6	68	1	20	7§	37	6.05	+1.88	3.10	0.5	6	12	7	12	n.	Minnie Scanlan
Benton	Saline	285	5	42.0	......	72	19	19	7	41	4.72	......	1.98	0.0	8	10	11	10	nw.	S. A. Burks
Bentonville	Benton	1295	35	42.6	+ 4.6	70	20	23	29	37	2.18	−0.20	0.94	T.	8	1	23	7	s.	U. S. Weather Bureau
Bethesda †	Independence	500	1	42.9	......	73	1	17	29	42	5.04	......	2.79	0.4	6	7	17	7	sw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	10	......	......	......	......	......	......	......	3.32	......	0.96	0.0	8	12	3	16	......	C. J. Brooks
Black Rock	Lawrence	259	39	......	......	......	......	......	......	......	5.44	+1.34	2.98	T	4	15	0	16	sw.	Vernon C. Howe
Blytheville	Mississippi	252	15	43.9	+ 1.3	72	1	23	7§	34	2.24	−2.10	0.92	0.0	5	12	6	13	s.	Maureen K. Norris
Booneville (near)	Logan	465	26	44.9	+ 1.1	72	1	20	29	41	2.21	−0.83	0.50	0.0	8	10	11	10	w.	F. H. Randolph
Boughton †	Clark	235	5	......	......	......	......	......	......	......	4.23	......	1.60	0.0	5	11	5	15	......	Ruby A. Buie
Brinkley	Monroe	205	49	46.4	+ 2.6	72	1§	27	29	33	2.25	−2.86	0.46	0.0	7	10	8	13	ne.	R. J. Torry
Calico Rock	Izard	361	36	......	......	......	......	......	......	......	2.86	−0.72	1.40	1.0	5	17	3	11	......	William Jones
Camden	Ouachita	116	55	48.0	+ 3.0	80	1§	21	7	49	3.04	−2.13	1.05	0.0	9	10	6	15	nw.	J. M. Knight
Clarendon	Monroe	172	36	......	......	......	......	......	......	......	2.50	−2.55	0.65	0.0	7	11	3	17	n.	R. M. Wheatley
Clinton †	Van Buren	516	19	......	......	......	......	......	......	......	3.75	−0.24	1.73	T.	5	10	15	6	......	Doyle G. Love
Clover Bend	Lawrence	235	..	43.3	......	72	21	15	7	35	4.71	......	3.00	0.0	6	6	19	6	sw.	Farm Security Adm.
Conway	Faulkner	309	57	45.2	+ 2.4	73	20	23	7	40	4.55	+0.31	1.34	T.	9	15	7	9	s.	E. E. Cordrey
Corning	Clay	293	47	43.0	+ 3.1	71	20	19	7	42	4.98	+1.11	3.03	0.0	5	19	4	8	n	Winfred D. Polk
Cotter	Baxter	440	13	......	......	......	......	......	......	......	2.15	−1.15	0.95	1.5	5	16	7	8	......	O. B. McSpadden
Crossett (near)	Ashley	175	28	47.2	+ 0.6	73	18	19	7	39	1.60	−4.46	0.42	0.0	6	13	8	10	n.	U. S. Forest Service
Danville	Yell	327	24	......	......	......	......	......	......	......	3.00	−0.49	1.19	0.1	10	7	15	9	......	J. M. Patterson
Dardanelle	Yell	330	54	45.0	+ 2.6	73	1	24	7	33	2.85	−0.72	1.20	T.	8	5	10	16	e.	Geo. N. Goodier
DeQueen	Sevier	426	5	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	W. A. Douthit
Des Arc	Prairie	204	2	45.8	......	73	3	22	7	40	3.85	......	1.80	0.0	7	8	4	19	......	Z. R. Glenn
Devils Knob †	Johnson	2350	4	41.6	......	64	1§	19	28	23	3.10	......	1.52	3.0	7	12	6	13	sw.	U. S. Forest Service
Dumas	Desha	162	35	47.1	+ 0.5	71	1§	22	7	36	1.88	−4.41	0.52	0.0	9	11	7	13	n.	Ben Johnson
El Dorado	Union	270	40	48.2^{k}	+ 1.4	72^{k}	2	25^{j}	7§	29^{k}	2.17	−4.04	0.62	0.0	5	8	6	17	n.	Mrs. E. W. Gaston
England	Lonoke	229	34	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	40	43.4	+ 3.6	72	20	19	29	30	2.85	+0.05	1.00	1.0	6	15	5	11	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	3	43.4	......	70	20	20	29	40	2.81	......	1.00	1.2	8	8	10	13	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	53	43.0	+ 3.0	68	20	21	29	36	2.46	−0.24	0.69	1.0	7	5	19	7	sw.	University of Arkansas
Fort Smith	Sebastian	448	59	45.6	+ 3.5	67	1	27	28	31	2.24	−0.64	0.78	1.1	8	8	8	15	e.	U. S. Weather Bureau
Fort Smith Wtr. P. †	Crawford	793	3	......	......	......	......	......	......	......	3.14	......	1.48	1.5	7	6	16	9	......	Ft. Smith Water Plant
Fulton	Hempstead	260	55	......	......	......	......	......	......	......	5.44	+1.22	1.67	0.0	8	12	2	17	......	T. J. Logan
Georgetown	White	200	28	......	......	......	......	......	......	......	4.63	+0.18	2.10	0.0	7	15	2	14	......	C. G. Long
Gilbert	Searcy	600	15	40.4	......	76	1	14	7§	50	2.19	−0.14	0.98	0.0	6	22	1	8	......	F. E. King
Glenwood	Pike	547	5	......	......	......	......	......	......	......	6.09	......	2.75	0.0	8	9	4	18	......	Chas. A. Price
Grannis	Polk	950	21	44.6	0.0	71	19	21	29	38	4.14	−0.74	1.29	0.0	9	8	9	14	se.	W. E. McVay
Gravette	Benton	1250	43	42.8	+ 4.6	70	20	20	9	37	1.94	−0.47	0.53	T	6	15	9	7	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	3	45.1	......	74	2§	20	29	30	2.87	......	1.43	1.0	5	17	3	11	sw.	U. S. Forest Service
Harrison	Boone	1052	40	43.2	+ 5.2	77	19	18	29	37	2.54	−0.32	1.45	0.2	6	19	5	7	nw.	Louis R. Keck
Heber Spgs. (near)	Cleburne	272	11	......	......	......	......	......	......	......	4.84	......	2.32	T.	6	14	7	10	......	Lester B. Logan
Helena	Phillips	300	68	46.4	+ 1.8	72	20	20	29	33	2.05	+3.38	0.65	0.0	10	6	14	11	se.	James A. Burnett
Higden	Cleburne	445	21	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Otto Murphree
Highland	Pike	491	21	47.6	− 0.1	72	1	25	12	29	5.35	+1.09	2.03	0.0	8	11	12	8	w.	J. O. Cooley
Hope (near) ‡‡	Hempstead	375	70	45.6	− 1.4	71	21	22	7	36	4.64	−0.13	1.30	0.0	8	1	18	12	e.	Experiment Farm
Hot Springs	Garland	600	49	46.5	+ 2.4	71	19§	22	10	40	5.86	+1.19	2.78	T.	9	12	9	10	s.	National Park Service
Index †	Little River	275	23	......	......	......	......	......	......	......	5.95	+2.24	2.30	0.0	8	10	2	19	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	2	41.8^{b}	......	79^{c}	1	18	29	40^{c}	2.76	......	0.77	0.0	9	11	8	12	s.	U. S. Forest Service
Jessieville	Garland	750	14	......	......	......	......	......	......	......	4.98	+0.40	1.45	0.0	8	11	5	15	w.	U. S. Forest Service
Jonesboro	Craighead	345	45	44.4	+ 3.0	70	20	22	7	33	4.69	+0.06	2.64	0.0	9	5	12	14	sw.	Benedictine Sisters
Lead Hill	Boone	650	34	41.9	+ 2.1	73	20	16	29	48	2.56	−0.13	0.92	1.0	7	17	5	9	nw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	61	45.8	+ 1.6	67	20	28	29	26	4.94	+0.80	2.54	T	9	11	4	16	nw.	U. S. Weather Bureau
Little Rock Airport	Pulaski	257	4	44.8	......	67	19	24	7	32	4.65	......	2.13	T.	8	11	4	16	ne.	W. B. Airport Station
Lutherville †	Johnson	775	42	43.5	+ 2.1	69	1	22	29	34	2.46	−1.48	0.98	4.5	7	5	14	12	se	H. G. Lenhardt
Madison	St. Francis	209	10	......	......	......	......	......	......	......	3.29	−2.31	0.85	0.0	7	9	1	21	......	J. W. Eppes
Magnolia	Columbia	315	24	49.8	+ 1.8	76	1	23	7	34	4.27	−1.02	2.60	0.0	5	6	16	9	nw.	State Agri. School
Mammoth Spring	Fulton	600	36	42.1	+ 2.7	71	20	17	7§	44	2.66	−0.72	1.20	1.0	5	8	16	7	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	29	46.3	+ 2.6	72	20	22	29	38	5.05	+0.26	2.35	0.0	6	9	10	12	s.	Cotton Exp. Station
Marked Tree	Poinsett	229	36	42.8	+ 1.6	70	20	20	7	39	2.58	−2.06	0.70	0.0	7	9	14	8	s.	Charles Walton
Mena	Polk	1207	52	44.8	+ 2.2	73	1	23	28	35	3.41	−0.56	0.94	0.0	10	10	12	9	sw.	E. W. St. John
Monticello Airway	Drew	273	4	48.4	......	70	1§	26	7	29	3.16	......	1.29	0.0	6	5	12	14	n.	Airway Observer
Morrilton †	Conway	315	21	44.3	+ 0.6	73	1	26	7	39	4.35	+0.47	1.79	T.	9	3	15	13	nw.	Mrs. Nova Berry
Mountainburg	Crawford	712	3	......	......	......	......	......	......	......	2.00	......	1.00	1.0	6	15	5	11	n.	C. A. Lovell
Mountain Home †	Baxter	800	28	42.1	+ 1.7	74	20	18	29	45	2.45	−0.91	0.80	2.0	6	17	2	12	w.	H. N. Haibert
Mountain Valley	Garland	788	3	......	......	......	......	......	......	......	5.33	......	2.87	0.0	10	11	3	17	s.	J. G. Scott
Mount Ida	Montgomery	702	41	43.6	+ 0.8	72	19	17	7§	46	4.27	+0.17	1.90	T.	8	10	6	15	w.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	1	......	......	......	......	......	......	......	3.95	......	1.61	0.0	8	14	7	10	sw.	U. S. Forest Service
Mulberry (near) †	Franklin	433	2	......	......	......	......	......	......	......	2.88	......	1.02	1.5	7	13	7	11	......	Clifton Ward
Nashville	Howard	350	2	46.6	......	70	19	25	7	32	5.44	......	2.42	0.0	12	16	10	5	n.	Brice Carruth
Newport	Jackson	231	57	45.4	+ 3.2	72	20	22	7	39	5.99	+1.78	3.97	0.0	10	12	8	11	s.	J. D. Henderson
Oden	Montgomery	800	13	44.6	......	72	1	21	7	40	2.97	−0.83	1.01	0.0	8	11	9	11	sw.	U. S. Forest Service
Okay	Howard	288	12	47.3	+ 0.8	71	1	23	7	38	5.44	+0.70	2.60	0.0	6	10	8	13	e.	Charles R. Jackson
Osceola	Mississippi	250	40	......	......	......	......	......	......	......	3.11	......	0.90	0.0	7	14	9	8	......	G. H. Banks
Ozark	Franklin	396	45	44.2	+ 3.0	70	1	22	29	38	2.86	−0.53	1.58	1.0	8	10	7	14	e.	Orkney O. Milton
Paragould	Greene	275	17	43.2	......	67	1	20	7	33	4.04	−0.49	1.97	0.0	8	15	4	12	sw.	J. E. Garrett
Parkin	Cross	222	10	......	......	......	......	......	......	......	4.13	−1.09	1.03	0.0	7	11	2	18	......	Carroll King
Perryville	Perry	325	20	44.2	+ 3.1	73	1	20	7§	40	4.36	+0.38	2.03	0.0	8	4	19	8	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	53	47.4	+ 2.3	72	1§	27	15	37	2.46	−3.10	0.92	0.0	8	10	8	13	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	16	......	......	......	......	......	......	......	2.57	−1.88	0.71	0.0	8	11	11	9	w.	J. R. Huddleston
Pocahontas	Randolph	300	47	42.9	+ 2.7	69	1§	18	7	40	4.11	+0.08	1.93	T.	5	12	8	11	n.	Benedictine Sisters
Portland	Ashley	122	34	51.1	+ 3.5	73	1	27	29	33	1.09	−5.08	0.30	0.0	5	18	1	12	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	52	47.2	+ 1.4	69	19	24	7	32	4.20	−0.35	0.79	0.0	9	11	7	13	e.	W. R. Hambright
Rogers	Benton	1300	50	42.0	+ 3.0	69	20	19	29	36	2.30	−0.04	0.62	1.0	7	14	4	13	sw.	Howard Fowler
Rosebud	Faulkner	680	6	......	......	......	......	......	......	......	5.98	......	2.16	T.	8	16	5	10	n.	G. A. Maddox
Russellville ‡‡	Pope	526	28	45.2	+ 4.7	70	20	23	7	40	3.99	+0.98	1.00	0.0	6	15	6	10	se.	U. S. Forest Service
St. Charles	Arkansas	175	7	45.9	......	72	20	24	7§	39	1.75	......	0.72	0.0	9	9	6	16	n.	U. S. Biological Survey
St. Francis	Clay	290	13	......	......	......	......	......	......	......	4.88	+0.51	2.72	0.0	4	12	1	18	......	A. Boyce Boyd, Jr.
Searcy	White	245	30	44.6	+ 1.8	71	20	21	7	38	5.92	+1.68	3.87	0.0	7	13	5	13	ne.	Walter A. Smith
Springbank †	Miller	240	31	......	......	......	......	......	......	......	4.89	......	1.38	0.0	9	10	4	17	......	Henry Field
Story	Montgomery	650	16	......	......	......	......	......	......	......	4.31	−0.78	2.13	0.0	6	13	8	10	n.	S. C. Story
Stuttgart	Arkansas	214	53	45.4	+ 1.4	70	1§	22	7	36	2.59	−2.53	0.67	0.0	9	15	4	12	n.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	5	45.4	......	71	1§	22	7	39	2.40	......	0.75	0.0	7	......	......	......	......	Rice Experiment Sta
Subiaco	Logan	750	43	45.2	+ 2.5	69	1§	26	7§	36	2.73	−0.54	0.88	T	8	16	5	10	se.	New Subiaco Abbey
Texarkana	Miller	332	56	48.8	+ 1.9	72	20	25	7§	35	6.22	+1.87	2.00	0.0	8	17	1	13	n.	H. S. Brashear

Climatological Data for December, 1941 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)							Precipitation, inches				Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from normal	Greatest 24 hours	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike †	Pope	2240	16	42.0	......	67	20	20	28§	25	2.57	−1.68	0.92	2.0	8	14	5	12	sw.	U. S. Forest Service
Wabash	Phillips	179	1	45.7°	......	71°	20	19°	7	40°	1.52	......	0.65	0.0	6	8	9	14	se.	Farm Security Adm.
Waldron	Scott	675	21	43.6°	......	72°	1	20°	7	41	2.81	−0.82	1.18	0.0	6	11	13	7	nw.	Wilson Ferguson
Warren	Bradley	206	46	48.6	+ 3.4	74	2	23	7	34	1.91	−4.02	0.45	0.0	6	8	8	20	nw.	C. N. Turner
Whitecliffs	Little River	290	34	....	.....	......	......	.....	......	......	6.62	+2.60	2.00	0.0	7	15	1	15	......	L. M. Snead
White Rock †	Franklin	2285	4	42.2	......	65	19	21	28	27	3.53	......	1.61	2.0	9	9	13	9	se.	U. S. Forest Service
Wilson	Mississippi	237	15	46.0	+ 4.2	71	21	20	29	37	3.24	−1.78	0.98	0.0	5	13	0	18	nw.	D. O. Anderson
Wright	Jefferson	234	1	44.2	.....	68	1	20	7	36	3.79	.....	0.73	0.0	7	8	8	15	sw.	Farm Security Adm.
Wynne	Cross	167	32	45.2	+ 3.2	72	20	20	7§	40	2.93	−1 92	1.05	0.0	5	10	10	11	n.	B. M. Eddins
State Means				44.7	+ 1.8	80	1§	14	7§	50	3.67	−0.53	3.97	0.3	7	11	8	12	n.	

Daily Precipitation for December, 1941

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Alum Fork Reser.	Ouachita	T.	.67	.04								.25	.10	.07								T	2.40	.85		.48					T.	.13	4.99
Arkadelphia [2]	Ouachita		.28	.31	.03							.24	.80	.50									1.09	1.67			.05						4.97
Arkansas City [2]	Mississippi	T											.20	.31									T.	.17			.78					.30	1.76
Batesville Air'y [1†]	White		.18									.09	.66	.02									2.90	.02		.57						1.27	5 71
Batesville River [2]	White	.04	.25	T.								T	.10	.65									.38	2.65			.55						4.62
Bee Branch	Arkansas		.30									.05	.80										3.10			.45						1.35	6.05
Benton [2]	Saline		.52	.13								.12	.33	.50									.53	1.98	T.		.61						4.72
Bentonville [1‡]	Arkansas											.02	.85	.10								.04	57	.05		.45						.10	2.18
Bethesda [***]	White		.23									.09	.54										2.79			.39						1.00	5.04
Big Lake Outlet [2]	St. Francis	.03	.28	.11									T.	.64						T.	T.		.36	.96	.40		.54						3.32
Black Rock [2]	White												T.	.65									.34	2.98			1.47						5.44
Blytheville [2]	St Francis	16	T.											.53									.26	.92			.37				T.		2.24
Booneville	Arkansas		.27									.27	.22									.03	.50	.42		.48						.02	2.21
Boughton [2]	Ouachita			.38								T	1.48	.47										1.60			.30						4.23
Brinkley	White		.46									.04	.22	.26									.45	.45		.37							2.25
Calico Rock [2]	White		T.									T.	.14	.55									.37	1.40			.40						2.86
Camden [2]	Ouachita			.24								.12	.69	36				.03					.03	1.05			.50					.02	3.04
Clarendon [2]	White		.28	.34									.13	.50									.16	.65			.44						2.50
Clinton	White		.42									T.	.68										1.73	.62		.30							3.75
Clover Bend	White											.03	.48	.40									3.00	.42		.38							4.71
Conway	Arkansas		.32									.21	.68	.06								.62	1.34	.56		.43						.33	4.55
Corning [2]	White												.07	.88									.31	3.03			.69						4.98
Cotter [2]	White												.15	.60									.12	.95			.33						2.15
Crossett [near]	Ouachita	T.										.12	.36	.06									.27			.37						.42	1.60
Danville [2]	Arkansas	.01	.46									.09	.18	.45								T	.25	1.19	.06		.31						3.00
Dardanelle [2]	Arkansas		.45									.06	.15	.51									.32	1.20	.02		.14						2.85
De Queen	Red																																....
Des Arc [2]	White	T.	.16	.32									.09	.74									.17	1.80			.57						3.85
Devils Knob	Arkansas		.43									.27	.24	.02									.33	1.52	T.	.29						T.	3.10
Dumas	Mississippi	.03	.03									.09	.46	.04					T.				.12	.27		.52						.32	1.88
El Dorado [2]	Ouachita											.10	.47	.38										.60			.62						2.17
England	Arkansas																																....
Eureka Springs	White											.10	.52	.41									1.00	.50		.32							2.85
Fayetteville	White	.09	09									.14	.51	.39			T.					T.	1.00	.14		.45							2.81
Fayetteville Exp. S	White	.02										.10	.36	.53			T.					T	.69	.29		.47							2.46
Fort Smith [1‡]	Arkansas	.06	.05									.31	.33									.05	.78	01		.53						.12	2.24
Fort Smith W. [2]	Arkansas	T.	.02									.02	.22	.27									.66	1.48	T.		.47						3.14
Fulton [2]	Red		10	.28								.65	.47	.40									1.67	1.30			.57						5.44
Georgetown [2]	White		.65	.15									.07	.71									.35	2.10	T.		.60						4.63
Gilbert [2]	White		.04										.14	.57									.06	.98			.40						2.19
Glenwood [2]	Ouachita	T.	.29		.09							.25	.71	.51									1.12	2.75			.37						6.09
Grannis	Red	.03	.29		.03							1.17	.40										1.29	.44		.45						.04	4.14
Gravette	Arkansas											T	.37	.24								.05	.45	.30		.53							1.94
Green Mountain	White											.20	.40										1.43	.48		.36							2.87
Harrison	White	.05										.11		.47									1.45	.45		.01							2 54
Heber Springs [2]	White		.51										.09	.73									.78	2.32			.41						4.84
Helena [2]	Mississippi	.02	.03	.05									.15	.57						.02			.20	.65			.32					01	2.05
Higden	White																																....
Highland	Ouachita		.07		.05							.85	95										2.03	.31		.44						.65	5.35
Hope [2]	Red		.20	.27								.65	.40	.41					T				1.30	.81			.60						4.64
Hot Springs	Ouachita	.03	.24		T.							.50	1.07	.92									2.78	.62		.44					T	.16	5.86
Index [2]	Red		.50	.20	T	T.						.65	.30	.50									2.30	1.10		T.	.40						5.95
Irons Fork [2]	Ouachita		.42									.77	.02	.30			T						.45	.43	.04	.17	.16					T.	2.76
Jessieville	Ouachita	.02	.48									.48	.69						T.				1.45	1.15		.56						.15	4.98
Jonesboro [2]	White	.03	.04	.08	.01								T.	.88						.01			.53	2.64			.47						4.69
Lead Hill	White	.01										.12	.20	.39								T.	.92	.62		.30							2.56
Little Rock [1†]	Arkansas	.04	.46	T.	T.							.16	.46	.02								T	2.54	.01		.36						.89	4.94
LittleRock Air'y [1‡]	Arkansas	.02	.62	T	T.							.24	.45	T.								T.	2.13	.01		.30						.88	4.65
Lutherville	Arkansas		.28									.16	.14	.05									.98	.54		.31							2.46
Madison [2]	St. Francis		T.	.30	.08								.05	.70									.76	.55		.85							3.29
Magnolia	Red		.01									.93	.46													2.60						.27	4.27
Mammoth Spg [2]	White		T.										.13	.65									.34		1.20		.34						2.66
Marianna	St. Francis		32										.70										.56	.32		.80						2.35	5.05
Marked Tree [2]	St. Francis		.07	.20									.03	.70									.48	.53			.57						2.58
Mena [2]	Ouachita	T.	.38		T.							.94	.10	.28	T		.01		T.				.60	.65	.02	.35	.08						3.41
Monticello Air [1†]	Ouachita	T		T.								.20	.36						T			T.	.39	.02		.90						1.29	3.16
Morrilton [2]	Arkansas	.05	.65	.03								T	.21	.63									.60	1.79	.03		.36						4.35
Mountainburg	Arkansas		.04										.43	.23								.20	1.00	.10		T.							2.00
Mountain Home	White											10	.30	.40									.80	.45		.40							2.45
Mountain Valley	Ouachita	.04	.47									.14	.43	.11					.02			T.	2.87	.63		.44						.18	5.33
Mount Ida	Ouachita	08	.31									.72	.53										1.90	.31		.37					T.	.05	4.27
Mount Ida CCC	Ouachita	10	.31									71	.48									.03	1.61	.36		.35							3.95
Mulberry [2]	Arkansas		.06									.22	.09	.34									.51	1.02			.64						2.88
Nashville	Red	22	.15	.01	.02							1.14	.44	.02			.01						2.42	.13		.46						.42	5.44
Newport [2]	White	.07	.14	.08	.02								.08	.67									.49	3.97	.02		.45						5.99
Oden [1]	Ouachita	.04	.29									.79	.04										1.01	.42		.25						.13	2.97
Okay	Red		.35									1 00	.43										2.60			.86						.20	5.44
Osceola [2]	Mississippi	T	.19	.36	.03								T.	.90						T.			.61	.48			.63				T.		3.11
Ozark [2]	Arkansas	.02	.12									.05	.06	.30									.23	1.58			.50						2.86

Daily Precipitation for December, 1941 Continued

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot
Paragould	St. Francis	.03	.04	....	T.	....	....	....	....	....	....	T.	.25	.58	....	....	....	....	....	....	....	....	1.97	.73	....	.43	.01	....	....	....	....	....	4.
Parkin ²	St. Francis	....	....	.24	....	....	....	....	....	....	....	....	.60	.63	....	....	....	....	....	....	....	....	.54	.51	....	....	.58	....	....	....	....	1.03	4.
Perryville	Arkansas	.09	.36	....	....	....	....	....	....	....	....	.22	.67	....	....	....	....	....	....	....	....	....	2.03	.48	....	.39	....	....	....	....	....	.12	4.
Pine Bluff ²	Arkansas	....	.01	.41	....	....	....	....	....	....	....	.01	.19	34	....	....	....	....	....	....	....	....	.17	.92	....	....	.41	....	....	....	....	....	2.
Pine Ridge ²	Ouachita	.06	.34	....	....	....	....	....	....	....	....	.36	.12	.23	....	....	....	....	....	....	....	....	.71	.37	....	.38	....	....	....	....	....	....	2.
Pocahontas	White	....	....	....	....	....	....	....	....	....	T.	....	.13	.57	....	....	....	....	....	....	....	....	1.93	1.02	....	.46	....	....	....	....	....	....	4.
Portland ²	Ouachita	....	....	....	....	....	....	....	....	....	....	T.	.15	.30	....	....	....	....	....	....	....	....	....	.24	....	....	.25	....	....	....	....	.15	1.
Prescott ²	Ouachita	....	.15	.43	.02	T.	....	....	....	....	....	.73	45	.46	....	....	....	....	....	....	....	....	.64	.79	....	....	.53	....	....	....	....	....	4.
Rogers (near)	White	T.	....	....	....	....	....	....	....	....	....	.12	.51	.18	....	....	....	....	....	....	....	.04	.62	.33	....	.50	....	....	....	....	....	T.	2.
Rosebud	Arkansas	.07	.48	....	....	....	....	....	....	....	....	....	*	.84	....	....	....	....	....	....	....	....	2.16	.89	....	.40	....	....	....	....	....	1.14	5.
Russellville	Arkansas	....	.60	....	....	....	....	....	....	....	....	1.00	.48	.05	....	....	....	....	....	....	....	....	1.00	.53	....	.33	....	....	....	....	....	....	3.
St. Charles ²	White	.03	.01	....	....	....	....	....	....	....	....	....	.19	.34	....	....	....	....	....	.01	....	....	.11	.31	....	....	.72	....	....	....	....	.03	1.
St. Francis ²	St. Francis	....	....	T.	....	....	....	....	....	....	....	....	T	.62	....	....	....	....	....	....	....	....	1.10	2.72	....	....	.44	....	....	....	....	....	4.
Searcy ²	White	....	.30	.02	....	....	....	....	....	....	....	....	.15	.59	....	....	....	....	....	....	....	....	.45	3.87	....	....	.54	....	....	....	....	....	5.
Spring Bank ²	Red	....	.07	.16	T.	....	....	....	....	....	....	.52	.64	.50	....	....	....	....	....	....	....	T	.84	1.38	....	.24	.54	....	....	....	....	....	4.
Story ²	Ouachita	....	.35	....	....	....	....	....	....	....	....	.48	.23	....	....	....	....	....	....	....	....	....	2.13	....	....	....	.43	....	....	....	....	.69	4.
Stuttgart ²	Arkansas	.05	.22	....	.02	....	....	....	....	....	....	....	.16	.44	....	....	....	....	.02	....	....	....	.36	.65	....	....	.67	....	....	....	....	....	2.
Stuttgart Evap. ²	Arkansas	.02	....	.21	....	....	....	....	....	....	....	....	.13	.59	....	....	....	....	....	....	....	....	.25	.75	T.	....	.45	....	....	....	....	....	2.
Subiaco	Arkansas	....	.35	....	....	....	....	....	....	....	....	.28	.22	.07	....	....	....	....	....	....	....	.02	.88	.41	....	.50	....	....	....	....	....	....	2.
Texarkana ²	Red	....	.62	....	....	....	....	....	....	....	....	.75	.43	.40	....	....	....	....	....	....	....	....	2.00	1.20	....	.62	....	....	....	....	....	.20	6.
Turnpike	Arkansas	....	.19	....	....	....	....	....	....	....	....	.24	.21	.12	....	....	....	....	....	....	....	....	.92	.54	.01	.34	....	....	....	....	....	....	2.
Wabash	Mississippi	....	....	....	....	....	....	....	....	....	....	....	.40	.38	....	....	....	....	T.	....	....	....	.03	....	.04	.02	....	....	....	....	....	.65	1.
Waldron	Arkansas	....	.50	....	....	....	....	....	....	....	....	.50	.30	....	....	....	....	....	....	....	....	....	1.18	.12	....	.21	....	....	....	....	....	....	2.
Warren	Ouachita	....	T.	....	....	....	....	....	....	....	....	.25	.45	....	....	....	....	....	....	....	....	....	.05	.36	....	40	....	....	....	....	....	.40	1.
Whitecliffs ²	Red	T.	.75	T.	....	....	....	....	....	....	....	.95	.25	.50	....	....	....	....	....	....	....	....	2.00	1.67	....	.50	....	....	....	....	....	....	6.
White Rock	Arkansas	....	.22	....	....	....	....	....	....	....	....	.12	.22	.10	....	....	.04	....	....	....	....	.03	1.61	.59	....	60	....	....	....	....	....	T.	3.
Wilson ²	Mississippi	....	....	.36	....	....	....	....	....	....	....	....	....	.98	....	....	....	....	....	....	....	....	....	....	*	*	1.90	....	....	....	....	....	3.
Wright	Arkansas	T.	.73	....	....	....	....	....	....	....	....	.20	.60	....	....	....	....	....	....	....	....	T	.73	.66	....	.43	....	....	....	....	....	.44	3.
Wynne ²	St. Francis	....	.45	....	T.	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	T.	....	....	36	.52	....	1.05	....	....	....	....	....	....	2.

Daily Temperatures for December, 1941

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	68	67	68	55	59	56	53	55	53	58	53	36	43	51	49	58	57	57	72	70	58	59	57	51	48	41	46	42	43	43	48	54
	Minimum	48	50	42	51	47	45	22	37	26	25	25	27	33	25	25	40	38	40	38	35	38	44	41	40	28	32	28	24	24	25	31	34
Arkadelphia §§	Maximum	65	63	67	57	65	55	53	64	55	59	40	41	49	50	52	61	60	62	70	73	61	63	53	57	57	56	52	51	50	52	63	57
	Minimum	46	50	44	43	44	33	21	29	24	22	27	30	33	30	25	28	33	35	40	31	36	42	48	29	30	32	27	26	24	29	34	33
Batesville ***	Maximum	73	60	65	62	60	48	61	55	54	56	32	37	42	48	49	69	65	64	70	73	59	58	61	57	46	52	46	44	41	42	55	55
	Minimum	45	45	43	49	40	26	20	29	23	24	26	27	31	23	22	37	29	41	35	30	34	45	41	35	33	31	26	24	19	26	34	32
Bee Branch	Maximum	68	64	62	55	55	50	48	50	47	57	49	32	41	44	41	52	58	55	63	65	62	55	54	49	44	44	45	41	39	37	49	50
	Minimum	43	47	39	43	45	31	20	33	21	20	23	25	30	20	20	32	27	33	29	30	34	42	39	27	30	29	24	23	20	24	27	30
Benton §§	Maximum	62	62	65	57	61	52	54	59	53	59	33	41	47	49	52	57	55	63	72	71	53	61	53	56	52	54	50	48	44	35	61	54
	Minimum	37	45	41	41	44	28	19	20	20	20	21	28	32	26	23	24	29	31	36	30	30	36	51	29	29	30	26	22	21	22	31	29
Bentonville ***	Maximum	64	52	64	62	56	48	52	50	54	50	35	36	35	45	40	56	66	62	66	70	54	60	49	50	48	36	35	37	44	50	58	51
	Minimum	50	42	40	44	36	30	31	32	26	27	27	30	29	28	30	39	39	40	35	33	47	49	33	30	35	29	24	24	23	34	40	34
Blytheville	Maximum	72	62	58	61	65	56	52	52	52	50	40	43	42	44	48	55	62	54	64	69	64	59	65	52	50	50	44	35	35	42	52	53
	Minimum	40	47	45	50	40	32	23	35	26	29	28	31	35	25	27	33	31	42	41	35	39	51	41	35	37	36	29	26	23	24	37	34
Booneville	Maximum	72	64	65	66	62	54	55	57	56	60	51	37	44	48	44	64	67	64	68	71	63	60	61	59	57	58	48	45	45	55	52	57
	Minimum	49	48	34	37	42	26	21	34	22	22	28	30	34	27	24	39	32	40	35	30	40	52	36	30	37	32	22	22	20	32	35	32
Brinkley	Maximum	72	62	59	65	64	54	54	58	51	59	50	39	46	48	52	57	60	63	69	72	61	60	61	55	48	51	48	43	43	44	53	55
	Minimum	56	52	46	58	54	38	28	34	28	28	30	29	35	33	31	41	30	40	42	34	38	48	43	38	37	36	30	28	27	28	36	37.
Camden	Maximum	80	75	71	65	67	59	59	62	57	60	61	43	50	51	56	61	63	70	75	80	75	67	64	58	58	58	51	51	51	48	51	61.
	Minimum	44	50	49	47	46	30	21	30	27	24	30	33	35	28	25	42	30	41	46	31	36	50	45	30	34	34	29	25	23	31	37	34.
Clover Bend	Maximum	71	67	68	63	60	54	49	55	50	48	38	42	36	47	49	53	59	60	62	64	72	63	66	57	59	58	56	56	42	52	58	55.
	Minimum	39	41	42	42	31	25	15	41	24	19	23	25	31	21	20	26	28	31	34	29	41	42	46	44	37	32	25	23	19	25	30	30.
Conway	Maximum	71	59	64	59	65	55	57	62	55	60	51	38	47	52	51	61	63	60	68	73	58	59	59	54	48	51	50	45	42	43	50	55.
	Minimum	49	52	41	51	50	31	23	33	25	25	29	31	37	25	25	42	31	40	38	33	38	48	41	33	35	35	27	24	24	28	30	34.
Corning	Maximum	70	61	67	62	57	51	56	55	54	60	37	36	43	44	50	57	61	67	67	71	62	56	66	51	51	50	45	40	36	39	54	54.
	Minimum	43	42	43	50	47	30	19	26	22	24	23	26	32	21	22	30	27	34	40	29	34	47	46	38	35	36	25	24	20	23	31	31.
Crossett	Maximum	68	69	64	64	70	59	58	64	56	59	43	47	47	51	55	69	67	73	70	69	61	63	61	59	57	60	53	50	47	53	61	59.
	Minimum	48	48	49	43	48	29	19	31	25	26	34	36	39	27	23	37	28	44	48	32	36	50	47	28	33	28	29	25	21	25	40	34.
Dardanelle	Maximum	73	68	63	62	60	57	55	58	52	58	56	38	46	45	46	60	63	65	61	67	62	59	60	52	49	48	48	46	42	44	50	55.
	Minimum	51	54	41	45	48	35	24	31	26	25	28	31	37	26	26	41	33	37	37	34	37	48	40	33	36	34	27	26	25	32	30	34.
De Queen	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Devils Knob	Maximum	64	59	59	55	52	45	47	47	47	54	44	32	36	40	38	52	57	59	63	64	55	53	54	46	41	41	42	38	35	38	51	48.
	Minimum	52	48	44	44	39	27	31	36	33	35	24	27	31	25	29	34	43	44	44	51	46	43	31	29	34	25	22	19	22	25	34	34.
Dumas	Maximum	71	62	60	68	64	53	54	60	55	57	47	45	54	49	55	60	67	61	70	70	71	60	62	57	54	58	51	46	45	48	58	57.
	Minimum	51	55	50	49	50	34	22	34	29	26	32	35	38	30	26	40	35	42	46	34	38	40	45	33	38	35	31	25	24	27	34	36.
El Dorado	Maximum	70	72	64	62	65	60	54	65	62	56	48	43	45	48	48	56	63	69	..	..	..	..	..	..	..	..	..	..	..	53	60	58.
	Minimum	51	53	53	52	40	35	25	37	35	32	35	35	35	32	32	36	35	44	..	..	..	..	..	..	..	..	..	..	25	35	44	38.
England	Maximum	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Eureka Springs	Maximum	63	63	65	63	58	50	53	53	56	51	40	33	34	45	43	59	67	63	69	72	60	61	57	53	49	43	38	41	46	52	59	53.
	Minimum	52	44	38	43	41	25	27	34	28	29	23	25	29	23	30	36	38	40	40	42	45	50	32	27	32	32	20	23	19	31	38	33.
Fayetteville	Maximum	65	61	63	62	57	49	52	50	54	55	46	38	37	46	41	58	65	64	67	70	60	63	60	55	49	45	38	39	45	50	61	53.
	Minimum	50	43	35	43	40	27	28	35	23	25	29	32	32	27	27	36	33	38	32	30	44	51	34	28	35	32	23	22	20	32	38	33.
Fayetteville Exp. S	Maximum	64	59	62	61	58	50	52	48	52	52	45	37	36	44	41	56	64	63	65	68	63	62	61	52	49	44	37	37	42	50	58	52.
	Minimum	52	44	35	46	40	27	28	35	23	26	28	29	32	27	28	37	38	38	32	32	46	52	34	29	33	33	23	22	21	32	38	33.
Fort Smith ***	Maximum	67	62	64	66	60	53	53	55	53	59	46	40	43	47	44	57	66	62	59	67	56	60	50	49	53	43	45	43	41	56	53	53.
	Minimum	56	42	39	45	45	36	31	34	31	34	31	33	36	31	32	42	38	44	38	36	47	50	39	33	39	34	30	27	28	34	39	37.
Gilbert §§	Maximum	76	62	65	65	60	53	54	55	57	54	32	37	40	49	50	65	67	65	72	73	65	62	56	56	47	49	45	46	42	49	57	55.
	Minimum	41	44	37	35	35	27	14	14	16	16	21	23	27	20	18	19	25	25	30	23	23	37	33	27	27	29	18	17	14	15	32	25.
Grannis	Maximum	66	65	66	65	60	55	49	58	52	62	47	39	47	44	44	60	48	57	71	68	65	60	60	60	56	54	53	50	55	48	52	56.
	Minimum	48	50	45	39	39	30	22	31	27	24	30	31	33	24	32	36	29	37	37	36	40	48	35	24	40	29	25	25	21	27	39	33.
Gravette	Maximum	64	57	65	64	60	52	52	50	54	50	43	37	38	45	40	58	66	65	67	70	59	63	60	53	49	50	36	38	46	52	57	53.
	Minimum	46	41	35	42	37	24	29	30	20	27	27	28	31	25	27	35	37	39	32	33	44	51	31	26	33	32	21	21	21	32	35	32.
Green Mountain	Maximum	69	74	74	63	60	50	47	50	55	54	44	31	40	44	44	60	64	59	68	68	63	60	57	49	45	44	41	37	37	41	53	53.
	Minimum	53	49	44	47	44	31	30	39	33	34	24	28	27	38	31	36	42	46	44	50	48	50	42	36	35	33	26	25	20	27	37	37.
Harrison	Maximum	65	58	60	60	58	47	54	50	52	48	48	60	55	46	48	58	60	65	77	64	61	60	58	54	49	40	40	39	38	45	55	53.
	Minimum	45	47	40	38	43	28	20	38	21	24	24	27	32	29	31	22	23	31	46	53	29	50	37	31	33	38	23	24	18	30	37	32.
Helena	Maximum	70	65	60	64	64	55	54	55	53	56	49	47	47	47	52	59	61	57	67	72	67	61	64	56	50	53	49	43	42	45	57	56.
	Minimum	53	53	48	50	50	35	22	29	26	27	28	32	36	30	28	37	34	43	45	39	44	49	46	38	38	34	31	23	20	25	41	36.
Highland	Maximum	72	69	69	67	65	62	58	60	60	59	52	50	54	56	56	59	61	61	63	70	68	59	59	55	52	53	54	53	50	54	64	59.
	Minimum	47	43	40	39	37	35	32	35	38	34	30	25	29	34	36	37	40	42	42	45	43	37	40	32	30	29	28	28	27	35	40	35.
Hope §§	Maximum	65	62	62	66	64	54	49	61	53	56	36	41	48	49	49	59	61	67	70	70	71	64	50	59	57	53	49	48	46	56	62	56.
	Minimum	47	51	45	46	48	36	22	27	29	25	27	31	33	33	27	31	40	39	42	34	35	35	46	29	30	35	29	27	25	29	36	34.
Hot Springs	Maximum	62	62	66	60	62	55	48	59	53	62	53	35	44	48	48	58	57	58	71	71	65	58	59	55	53	53	51	59	47	45	52	55.
	Minimum	53	54	44	48	48	36	28	39	32	22	29	30	34	28	28	41	37	47	44	41	48	46	41	32	36	34	29	27	27	32	39	37.

Daily Temperatures for December, 1941 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irons Fork §§	Maximum	79	61	64	60	57	51	48	55	54	62	35	39	41	45	43	57	62	55	65	70	59	58	42	39	..	46	..	..	43	47	48	53.0
	Minimum	40	45	31	33	41	32	20	31	22	22	26	31	33	22	25	37	29	38	32	30	36	50	34	24	30	27	25	23	18	27	37	30.7
Jonesboro	Maximum	69	61	64	64	59	51	53	55	50	51	40	39	44	47	49	55	64	53	67	70	63	56	65	56	46	51	44	38	38	40	49	53.3
	Minimum	50	49	48	50	48	34	22	38	29	28	26	28	36	25	25	37	32	42	40	37	36	48	45	40	36	36	30	26	23	25	33	35.5
Lead Hill	Maximum	67	56	62	65	60	49	55	51	53	51	39	33	37	45	50	63	68	64	68	73	64	60	56	52	44	45	40	39	40	47	55	53.3
	Minimum	44	46	33	32	44	26	17	41	18	20	25	28	33	20	21	39	27	32	29	25	29	49	37	29	39	34	22	25	16	28	39	30.5
Little Rock ***	Maximum	65	60	61	59	60	51	51	57	50	56	38	39	47	45	51	59	62	61	67	67	55	60	62	51	48	50	47	43	41	44	56	53.6
	Minimum	48	50	46	50	44	30	24	33	27	27	29	31	36	29	27	39	33	43	42	35	39	48	42	34	37	36	32	29	28	30	34	35.9
[Airport] Little Rock ***	Maximum	62	60	60	59	59	49	50	56	51	56	37	38	46	44	51	54	61	60	65	67	56	60	64	51	48	49	45	42	40	46	55	52.9
	Minimum	54	54	46	52	44	38	30	37	32	32	29	31	37	31	32	43	37	46	44	41	45	49	41	36	40	37	33	30	28	32	38	38.7
Lutherville	Maximum	69	62	64	61	59	53	52	55	51	60	50	37	46	46	45	55	64	57	59	68	57	58	58	50	47	45	45	43	40	43	47	53.1
	Minimum	48	52	41	45	43	30	25	31	27	26	28	30	35	26	26	37	35	37	35	38	43	48	38	30	35	30	26	23	22	29	32	33.9
Magnolia	Maximum	76	72	70	68	66	65	55	63	56	62	55	41	51	52	56	60	64	69	74	70	68	68	68	63	60	57	53	53	51	60	57	61.4
	Minimum	49	53	53	48	56	35	23	33	32	28	33	35	38	37	24	44	38	49	43	40	38	38	46	42	35	35	31	29	25	32	44	38.3
Mammoth Spring	Maximum	70	66	65	70	56	51	53	51	51	48	43	35	40	44	44	53	63	65	68	71	60	55	62	50	48	48	41	40	40	38	53	53.0
	Minimum	35	40	45	46	48	31	17	36	20	23	25	27	34	20	19	31	31	34	35	27	31	40	45	35	37	38	23	23	17	26	29	31.2
Marianna	Maximum	69	64	64	63	62	57	55	56	53	57	50	50	45	47	53	58	61	56	69	72	65	65	68	57	50	51	48	42	42	43	53	56.3
	Minimum	49	54	46	51	51	36	23	30	25	25	29	33	37	29	24	36	31	43	46	34	37	50	46	47	37	34	30	25	22	25	39	36.3
Marked Tree §§	Maximum	67	58	60	62	60	50	52	55	51	55	35	42	44	45	51	58	61	56	66	70	63	59	65	54	48	55	45	39	38	43	60	53.8
	Minimum	38	48	46	46	47	33	20	27	25	24	25	27	31	25	24	28	28	30	40	31	35	37	48	38	33	32	28	24	21	22	28	31.9
Mena	Maximum	73	63	64	62	57	50	52	54	57	60	47	36	43	45	41	57	55	55	66	71	66	58	58	56	54	44	52	46	44	47	50	54.3
	Minimum	53	49	35	40	43	34	27	37	29	28	31	31	36	27	34	39	31	43	37	36	43	52	37	30	35	30	27	23	24	29	44	35.3
Monticello ***	Maximum	70	65	56	65	65	50	52	61	53	59	38	45	47	50	55	59	65	69	69	70	63	63	63	57	52	58	51	47	46	50	61	57.2
	Minimum	55	55	52	50	44	38	26	32	34	30	33	36	38	32	31	39	37	50	53	43	48	56	43	32	41	36	31	29	27	31	44	39.5
Morrilton §§	Maximum	73	59	64	70	60	55	57	56	52	65	36	41	50	49	47	60	65	61	64	70	62	65	55	55	55	52	49	48	40	46	49	55.8
	Minimum	44	49	41	41	48	34	26	27	26	26	28	28	31	27	27	29	31	34	35	34	34	37	45	32	32	34	30	26	26	27	29	32.8
Mountain Home	Maximum	70	58	64	65	57	50	52	52	52	52	36	35	40	45	47	63	67	65	68	74	59	57	58	51	43	45	41	40	41	45	54	53.1
	Minimum	45	45	38	39	44	26	20	35	21	24	24	27	33	21	23	32	30	36	32	29	36	38	37	33	34	35	22	27	18	28	32	31.1
Mt. Ida	Maximum	71	63	67	61	63	55	51	60	56	60	51	36	42	48	44	64	62	62	72	71	62	60	61	57	55	53	53	51	45	51	52	56.7
	Minimum	46	49	31	36	45	27	17	27	20	18	31	31	36	23	23	40	29	38	32	25	31	49	38	27	26	30	21	19	17	25	38	30.5
Nashville	Maximum	69	63	67	66	64	55	49	60	55	58	49	39	48	49	47	61	56	68	70	68	62	63	63	55	59	53	52	51	46	52	52	57.1
	Minimum	51	53	43	45	47	29	25	30	28	26	32	33	36	30	31	42	37	39	40	36	41	46	42	29	37	33	28	27	28	30	44	36.1
Newport	Maximum	68	63	66	63	61	54	53	56	53	56	48	38	46	48	51	57	63	58	70	72	63	58	62	57	48	53	47	44	41	44	50	55.2
	Minimum	49	49	50	50	51	36	22	33	25	25	29	30	36	26	24	35	30	45	36	33	36	40	46	40	37	37	31	29	25	29	43	35.7
Oden ***	Maximum	72	64	67	63	58	55	51	57	55	62	45	57	43	48	43	62	66	61	68	71	61	60	46	56	36	50	50	48	44	52	50	54.9
	Minimum	51	48	36	41	45	30	21	38	25	24	32	32	33	28	34	40	31	41	37	31	37	45	39	32	32	32	26	27	22	33	41	34.3
Okay	Maximum	71	67	66	66	66	61	55	64	57	60	57	39	50	49	48	62	58	68	69	70	64	65	64	58	58	61	55	51	48	55	53	59.2
	Minimum	52	52	44	43	49	27	23	33	26	25	32	33	37	35	34	43	41	39	41	32	41	51	35	30	37	35	28	26	25	32	45	36.3
Ozark	Maximum	70	64	63	66	60	56	53	58	52	58	55	40	47	45	45	59	63	64	59	68	57	57	58	52	48	46	48	47	45	47	53	54.9
	Minimum	48	49	38	42	45	32	25	28	25	25	30	32	34	25	25	40	32	37	35	30	38	49	38	31	39	34	24	23	22	33	35	33.6
Paragould	Maximum	67	62	62	60	58	55	50	52	50	47	41	38	43	44	47	52	59	55	62	65	61	58	62	51	46	48	46	39	39	40	51	51.9
	Minimum	47	45	49	51	48	34	20	39	26	26	26	29	36	26	24	31	29	36	43	32	34	50	43	40	35	34	29	27	23	25	32	34.6
Perryville	Maximum	73	63	63	63	61	58	56	58	55	58	47	44	46	49	47	60	65	61	66	72	58	60	61	55	49	48	47	45	43	47	49	55.7
	Minimum	49	50	40	42	49	37	20	29	24	23	28	30	36	25	24	40	30	35	36	32	34	48	39	32	30	33	24	22	20	27	28	32.8
Pine Bluff	Maximum	72	62	62	65	64	54	54	60	53	59	45	43	48	48	55	56	61	64	68	72	59	64	61	52	50	54	47	44	44	49	53	56.2
	Minimum	51	57	47	50	52	36	34	36	31	28	31	33	38	31	27	43	35	45	47	35	41	51	44	33	40	35	33	30	28	31	44	38.6
Pocahontas	Maximum	69	62	66	64	59	54	50	54	52	50	45	35	45	45	49	56	61	59	68	69	65	56	64	59	50	50	45	41	40	39	53	54.0
	Minimum	43	42	47	45	47	31	18	34	23	23	24	27	32	23	22	30	29	34	37	29	34	42	46	43	34	32	25	25	19	23	32	31.8
Portland	Maximum	73	70	62	68	74	62	65	65	55	60	50	50	50	50	55	61	66	70	70	70	66	65	65	57	55	60	52	46	47	51	60	60.3
	Minimum	57	55	55	54	55	41	32	43	39	38	40	40	45	39	36	45	40	40	48	37	41	55	51	34	39	35	35	29	27	31	44	41.9
Prescott	Maximum	68	62	67	67	63	56	51	61	55	56	53	38	48	47	52	60	60	65	69	68	62	64	62	57	58	55	49	47	47	54	54	57.3
	Minimum	49	53	45	48	48	31	24	36	30	27	31	33	37	29	29	43	40	40	44	36	41	50	44	30	35	35	30	27	26	32	45	37.0
Rogers	Maximum	66	57	52	63	55	44	52	49	55	49	40	37	34	45	48	58	66	63	68	69	57	60	55	53	49	43	36	37	44	50	59	52.0
	Minimum	50	43	37	40	39	25	25	31	23	27	25	28	31	24	29	36	35	38	38	33	40	40	32	26	34	32	21	21	19	32	36	31.9
Russellville	Maximum	69	69	65	62	61	58	53	58	56	61	55	41	49	49	53	59	60	60	65	70	61	60	60	55	52	48	49	47	43	46	51	56.3
	Minimum	45	52	41	41	47	32	23	31	25	24	28	32	39	26	26	41	39	31	42	30	35	48	38	33	32	34	25	25	24	35	29	34.0
St. Charles §§	Maximum	70	64	55	61	64	49	54	58	52	58	37	42	48	49	53	59	66	62	69	72	65	62	63	55	51	52	49	44	44	48	63	56.1
	Minimum	48	52	47	48	49	38	24	33	27	26	30	30	34	30	26	33	31	36	43	33	37	49	55	40	35	35	31	27	24	24	31	35.7
Searcy	Maximum	67	61	64	61	61	55	52	56	52	57	49	40	46	49	51	57	63	58	69	71	60	59	60	55	47	50	46	45	43	43	47	54.6
	Minimum	47	50	47	50	48	35	21	32	26	25	29	30	36	27	24	36	31	37	38	33	36	47	42	39	35	34	28	26	25	28	30	34.6
Stuttgart	Maximum	70	64	57	60	62	50	54	58	52	58	45	40	45	46	50	59	62	60	67	70	66	61	60	52	50	52	48	42	40	44	55	54.8
	Minimum	49	53	46	49	48	36	22	32	29	27	29	29	30	30	26	38	31	42	45	34	39	49	46	40	37	32	31	27	25	27	42	36.1
Stuttgart (near) §§	Maximum	71	61	56	60	63	49	53	57	53	57	36	40	47	47	52	57	64	60	67	71	63	63	60	54	55	55	49	45	45	48	61	55.5
	Minimum	46	53	44	49	51	36	22	30	26	24	30	30	34	29	25	32	31	35	44	32	37	47	54	40	37	32	31	27	25	26	36	35.3
Subiaco	Maximum	69	64	65	65	59	58	55	55	53	61	52	38	44	47	45	60	67	63	65	69	64	60	62	51	50	50	42	43	47	55	54	55.9
	Minimum	50	53	40	39	46	35	26	38	27	27	28	28	36	27	28	41	35	40	37	33	37	37	39	34	35	34	27	26	26	32	33	34.6
Texarkana	Maximum	68	67	66	68	65	65	55	65	57	61	52	39	50	49	50	64	63	71	70	72	68	67	65	62	61	58	53	53	49	60	56	60.3
	Minimum	50	52	46	44	47	35	25	34	29	28	31	31	35	35	33	41	38	48	43	39	48	49	40	27	36	31	29	26	25	32	45	37.2
Turnpike	Maximum	66	58	60	55	52	45	45	48	48	55	42	32	42	41	39	52	60	58	65	67	55	54	55	50	42	45	45	42	37	41	52	49.9
	Minimum	51	47	41	44	40	30	30	38	33	35	22	25	29	24	28	33	41	42	45	49	46	43	30	29	33	27	22	20	20	26	32	34.0
Waldron	Maximum	72	65	65	65	60	53	52	57	57	62	45	51	43	46	44	65	65	62	67	70	62	63	60	56	56	..	..	49	46	54	50	57.3
	Minimum	41	49	32	35	..	28	20	29	22	22	30	30	30	24	25	38	29	39	34	29	..	50	36	28	35	..	..	20	20	32	30	30.0
Warren	Maximum	72	74	66	62	65	57	50	61	55	60	51	44	47	50	55	58	65	63	68	71	72	64	63	60	62	58	57	48	49	50	60	59.3
	Minimum	53	55	51	50	44	37	23	33	31	28	32	35	38	32	27	40	34	51	48	37	40	41	48	34	38	40	31	27	25	31	42	37.9
White Rock	Maximum	60	63	57	59	52	52	45	49	48	55	52	43	37	40	37	55	59	61	65	64	54	53	56	45	41	45	42	41	37	43	49	50.3
	Minimum	52	47	39	43	37	29	30	32	34	34	26	28	30	24	29	32	40	42	42	50	46	45	29	28	29	27	23	21	24	26	36	34.0
Wilson	Maximum	68	68	60	62	56	50	52	55	54	54	52	44	45	45	53	54	64	63	65	70	71	67	65	66	65	51	44	40	39	52	54	56.4
	Minimum	49	48	48	44	38	36	23	32	31	32	24	31	36	26	27	31	31	32	33	33	34	41	47	45	47	39	32	28	20	38	43	35.7
Wynne	Maximum	70	64	70	65	63	59	53	58	51	62	42	41	45	48	53	59	63	58	67	72	65	60	65	56	49	53	47	42	40	48	51	56.1
	Minimum	49	52	46	45	49	31	20	28	23	23	27	30	36	25	25	34	30	44	44	32	41	49	53	40	35	32	21	21	20	23	35	34.3

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for December, 1941

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, §§ Exp. Farm	Evap.	.058	.012	.046	.036	.026	.144	.112	.066	.114	.040	.095	.025	[1] *	.022	....	.016	.166	.010	.042	.050	.128	....	.163	.117	....	....	.078	.058	.048	.044	.042	1.758
	Mean tem.	56	56	54	56	56	35	36	44	42	40	32	36	40	41	38	45	50	53	56	52	53	50	48	44	44	44	39	38	36	42	49	45.6
	Wind move	12	8	20	22	57	63	55	31	48	4	128	31	52	50	14	23	46	48	31	24	20	23	64	118	18	127	43	44	19	37	37	1317
Irons Fork §§ Exp. Forest	Evap.	.032	.018	.028	.010	.024	.067	.044	.023	.042	.006	.029	.005	.000	.008	.008	004	.009	.018	.013	.020	.026	*	*	*	*	*	*	*	*	.145	.005	0.575
	Mean tem.	60	53	48	46	46	49	42	34	43	38	42	30	35	37	33	34	47	46	46	48	50	48	54	38	....	36	....	....	32	37	42	41.8
	Wind move	2	2	1	4	27	24	9	14	14	3	21	4	2	6	3	2	5	20	1	4	7	22	13	17	22	10	9	6	6	14	9	303
Russellville Ozark Nursery	Evap.	.040	.056	.082	.054	.098	.110	.042	078	.052	.016	....	....	-.001	024	.036	.044	.038	.022	.022	034	.022	.046	....	.032	.002	.086	.022	.008	.072	.032	.088	1.253
	Mean tem.	57	56	53	52	54	45	38	44	40	42	42	36	44	38	40	50	50	46	54	50	48	54	49	44	42	41	37	36	34	40	40	45.2
	Wind move	10	11	15	23	15	89	20	43	3	11	51	18	42	13	11	24	9	18	14	4	7	22	45	50	26	69	18	19	8	18	4	730
Stuttgart, §§ Rice Exp. Farm	Evap.	.037	.010	.024	.002	.011	.127	.120	.015	.039	.071	.025	.006	.167	.022	.028	.020	.047	.018	.003	.053	.050	010	027	.140	.027	.003	*	*	*	*	.119	1.221
	Mean tem.	58	57	50	54	57	42	38	44	40	40	33	35	40	38	38	44	48	43	56	52	50	55	57	47	41	44	40	36	35	37	37	45.4
	Wind move	2	13	20	3	73	83	34	44	47	5	68	72	78	44	3	15	44	52	17	18	12	69	106	183	33	37	64	19	27	26	16	1345

Daily Precipitation for December, 1941 Additional Rainfall Stations

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas			11											.32	.30								.08	.38	.20	.47						1.86
Antoine(near)[2]	Ouachita																																
Beaty Lake(near)	St. Francis	.03		.14	.09								.06	.69						.03			.50	.56			.58				T.		2.68
Beech Grove(near)	White											.94											3.52	.72		.53							5.71
Beedeville[2]	White	T.	.27	.11									.04	.66	T.								.45	2.28			.42						4.23
Blue Mountain[2]	Arkansas			.20										.20	35								.60				.30			.60			2.25
Bluff City.[2](near)	Ouachita	.07	.67									1.00	.45										.42	1.09		.18						1.15	5.03
Booneville	Arkansas		.25									.27	T	.25									.35	.76									1.88
Brinkley[1]	White																																
Cabot[2]	Arkansas																																
Camp Alton	Ouachita																																
Camp Damascus[2]	Arkansas	.73										.38	1.72	.41		.60							.53		.86						1.06		6.29
Carlisle	Arkansas		.33	.44								T.	.15	.62									.36	1.94			.35						4.19
Charlotte (near)	White																																
Clay SCS[2]	White																																
Corley[2](near)	Arkansas																						58	.88			.42						1.88
Denmark[2]	White		.50	T.	T.								.11	.52									1.05	3.12	T.					.50			5.80
Dermott[2]	Mississippi		.03										.19	.34									*	.17			.38					1.40	2.51
Dutch Greek CCC	Arkansas		.91									.20	.45										1.03	.05		.35						.65	3.64
Eagle Gap[2]	Arkansas		.63									.83	.23									T.	1.45	T.			.80						3.94
Eleven Point[2]	White	T											.10	.79										.34	2.08		.47						3.78
Evening Shade[2]	White	.01			.01								.08	.64									.37	1.73			.38				T		3.22
Forrester[2]	Arkansas		.40									.50		.40									.75	.50	T.		.75						3.30
Gravelly.[2]	Arkansas	T.	.80									.20		.35									.42	.40			.32						2.49
Green Forest[2]	White	T.			T.							.05	.01	.68	T.					T.			.78	1.17	.01	.25	.07	T.				.12	3.14
Greenwood[2]	Arkansas		.40									.20	.10	.20									.50	1.00		.10	.55						3.05
Harrisburg[2]	St. Francis		.31										.57											2.25			.55						3.68
Hollis (near)	Arkansas	.02	.50									.50	.70										1.40	1.15		.55						.15	4.97
Hon[2] (near)	Arkansas		.47									.50	.30										1.17	.03		.20						.60	3.27
Huttig[2](near)	Ouachita		.03									T.	.18	.34									T.	.22		T.	.53					.20	1.50
Jacksonville[2](near	Arkansas																																
LaCrosse[2]	White	T.											.25	.70									.56	1.49									3.00
Lake City[2]	St. Francis		.22										.04	.44										2.08			.50						3.28
Marshall[2]	White		.19										.06	.52									.05	.97			.31						2.10
Marvell[2]	White																																
Mena CCC	Red	.03										1.08	.30										.65	1.17		.40							3.63
Morobay[2] (near)	Ouachita											.12	.33	.30									.02	.12			.43					.02	1.34
Mountain View[2]	White	T.	.13										.11	.49									.45	1 45	T.		.42						3.05
Newhope(near)[2]	Ouachita																	.25	.75	1.00			2.00		2.25		.41					T.	6.66
Odell (near)[2]	Arkansas	.27										.28		.38									.92	.23	.05	.47	.10						2.70
Osage Mills.(near)	Arkansas																																
Pottsville[2](near))	Arkansas		.43									.15	T									T.	.39	1.95			.37						3.29
St. Paul[2](near)	White			.10								.20	T.		.36									2.10			.75					.16	3.67
St. Vincent	Arkansas		.36							.38	.04												1.83	.56		.38						.05	3.60
Shirley[2](near)	White		.51									T.	.11	.51									.93	1.72			.42						4.20
Solgahachie (near)	Arkansas		.60									.10	.58										2.04	.62		.18						.14	4.26
Sparkman[2](near)	Ouachita		T.	.80								35	.37	.48									.45	.77			.38						3.60
Stamps (near)	Red		.25										1.51										1.25				.78					.73	4.52
Stephens[2] (near)	Ouachita			.20								*	*	1.35									.48	.80			.40						3.23
Sugar Grove[2]	Arkansas		.43									.20		.36									.54	.60			.30						2.43
Texarkana	Red																																
Tichnor[2]	White		.02		.02								.16	.34						.04			.21	.24			.44					.02	1.49
Vick[2]	Ouachita																																
Walnut Grove	White																																

Daily River Stages for December, 1941

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.4	11.3	10.3	10.7	10.7	9.6	9.2	8.9	8.6	8.4	9.2	9.3	8.6	10.7	12.2	11.7	11.0	10.2	9.8	9.5	9.2	8.8	9.8	10.4	10.1	10.7	11.6	11.4	12.9	12.3	11.0
Van Buren	do	22	12.8	12.4	11.4	11.6	11.7	10.4	9.8	9.4	9.2	9.1	9.6	10.0	9.2	11.1	13.1	12.9	12.0	11.5	10.6	10.4	9.8	9.4	10.6	11.3	11.0	11.7	12.7	12.5	14.1	13.6	12.3
Danville	Petit Jean	20	6.1	5.9	7 0	7.4	6.6	6.0	5.5	5.1	4.9	4.6	4.4	4.5	5.7	7.1	7.2	6.7	6.3	6 0	5.8	5.5	5.4	5.1	9.5	16.6	17.1	14.6	16.0	14 1	11.3	9.5	8.4
Ozark	Arkansas	22	8.4	7.7	7.3	6.5	6.5	6.4	5.5	4.3	3.9	3.6	3.3	3.3	5.0	5.1	7.7	8.3	7.7	6.9	6 5	6.0	5.5	5.2	5 0	7.5	7 1	6.8	8.0	8.2	9.0	9.2	8.5
Dardanelle	do.	22	11.7	11.2	10.6	10.1	9.7	10.0	9.2	8.4	8.0	7.7	7.4	7.4	7.3	7.9	8.3	10.1	10.9	10.2	9.3	8.8	8.6	8.2	8.5	10.6	10.9	10.6	10.9	11.2	11.0	12.0	11.8
Morrilton	do.	20	8.6	7.8	7.4	7.0	6.2	6.4	6.0	5 9	4.4	4.0	3.6	3.5	4.3	4.4	4.2	6.6	7.6	7.1	6.2	5 4	5.1	4.8	5.2	7.0	8.2	8.0	8.2	8.4	8.5	8.8	9.2
Little Rock	do.	23	10.5	9.6	9.1	8.7	8.2	7.8	7.9	7.4	6.7	6.3	6.0	5.8	5.9	6.6	6.6	6.7	8.5	8.9	8.3	7.6	7.1	6.9	7.8	8.8	10.5	10 8	10 4	10.4	10.5	10.2	10.5
Pine Bluff	do.	25	15.5	14.5	13.7	13.1	12.7	12.1	12.1	12.1	11.5	10.7	10.4	10.0	9.8	10.2	10 6	10.5	11.4	12.7	12.7	12.0	10.4	10.1	10.6	12.8	13.7	14.5	14.6	14.4	14.1	14.0	14.0
Gilbert	Buffalo	30	4.4	4.3	4.3	4.2	4.2	4.1	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.8	3.8	3.8	3.7	3.7	3.7	4.7	6.9	5.9	5.8	5.5	5.3	5.0	4.8	4.7
Black Rock	Black	14	5.5	5.3	5.1	4.9	4.8	4.6	4 3	4.2	3.9	3.8	3.7	3.6	3.7	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	11.7	13.3	12.7	12.9	12 8	12 8	11 3	11.0	10.5
Heber Springs	Little Red	30	5.8	5 7	6.1	6.2	5.9	5.7	5.5	5.2	5.1	5.0	4.8	4.7	5.1	5.6	5.9	5.7	5.6	5.5	5.4	5.2	5.1	5.1	19.3	16 8	11.9	11.3	10.2	9.1	8.4	7.8	7.4
OzarkBeachMo	White	30	4.6	4.4	4.4	2 3	3.8	4.4	0.4	4.0	2.1	2.2	1.2	0.2	-0.6	1.4	3.6	3.2	2.4	2.3	3.0	2.2	-0.6	2.5	6.2	8.2	11.4	10.0	7.8	7.2	6.4	5.7	5.3
Cotter	do	21	5.6	5 4	4.8	4.6	4.2	4.1	4.1	4.0	3.9	3.9	3 8	3.9	3.9	4.0	4 0	4.5	4.5	4.3	4.2	4.3	4.4	4.1	4.2	11.0	9.9	11.1	10 6	10.0	8.1	7.1	6.8
Calico Rock	do	18	5.4	5.2	5 0	4.6	4.6	3.7	4.2	4.3	3.0	3.9	3.2	3.0	3 1	3.0	3.1	3.1	4.4	4.0	3.7	3.5	3.9	3.8	3.7	11.2	11.2	11.6	11.6	9.6	9.4	7.7	7.0
Batesville	do	23	10.4	10.0	9.7	9.4	9.0	8.8	8.5	8.7	8.4	7.1	8.2	7.9	7.8	7.9	7.8	7.5	7.6	8.7	8.4	8.2	8.0	8.3	13.5	11.7	18.3	17.1	18 2	16.8	14.7	13.6	12.8
Newport	do	26	10.0	9.5	8.5	8.0	7.5	7.0	6.4	5 9	5.9	5.4	4.8	4.8	4.6	4.7	4.7	4.7	4 5	4.5	5.0	4.9	4.7	4.6	8.8	13.8	17.6	19.8	20.6	21 1	20 6	19.6	18.6
Georgetown	do	21	14.4	13.8	13 3	12.6	12.2	11.5	10.8	10.3	9.5	9.1	8.6	7.8	7.7	7.6	7.3	8 4	7.9	7.4	7.3	7.3	7.3	7.3	10.1	15.8	18.4	19.1	19.4	19.7	20.0	20.3	20 6
Des Arc	do	24	17.2	16.9	16.4	15.9	15.3	14.8	14.3	13 7	12.8	12.2	11.6	11 0	10.5	10.2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9	11.1	15.3	17.8	19.4	20.4	20.9	21.3	21.6	21.8
Clarendon	do	26	23.1	22.8	22.6	22.3	21.9	21 5	21.0	20.4	19.7	18.9	18.1	17 4	16.7	16 0	15.5	15.1	14.9	14 9	14.8	14.7	14.6	14.6	14.7	16.0	18.1	19.7	20 8	21.6	22.3	23.0	23.7
St. Charles	do	25	24.1	23.8	23.6	23.3	23.0	22.7	22.3	21.7	21.0	20.2	19.3	18.3	17.4	16.5	15 8	15 2	14.9	14.6	14.5	14.4	14.3	14.3	14 3	14.8	16.2	17.6	18.7	19.5	20.2	20.7	21.2
Glenwood	Caddo	..	5.7	5.6	5.8	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	6.6	6.5	6.3	6.2	6.0	6.0	5.9	5.9	5.7	5.7	6 3	9 9	7.8	6.6	6.5	6.4	6.2	6.1	6.0	5.9
Arkadelphia	Ouachita	17	7.2	7.5	7.6	7.5	6.4	7.1	7.0	5.7	7.0	7.2	7.0	6.9	8 7	8.7	7.4	8.2	8.1	8.0	7.7	7.0	6 6	6.3	14.1	14.3	11 9	13.6	11.6	10.2	8.2	9.2	8.9
Boughton	Little Mo.	20	5.5	5.3	5.2	5.3	5.3	5.2	5.0	4.8	4.8	4.6	4.5	6.0	8 5	9.9	9.9	8.7	7.8	7.2	6.7	6.3	6.1	6.0	14.2	17.6	19.6	19.0	16.9	14.3	11.5	9 6	8.7
Camden	Ouachita	26	9.3	9.0	8.6	8.8	9.0	8.5	8.3	8.5	7.8	7.1	7.3	7 6	8.0	10.3	12 4	12.9	12.5	12.3	11.5	10 0	10.0	8.8	8.0	12.6	18 5	21.5	21.4	22.0	22.5	22.5	21.7
Benton	Saline	20	5.9	5.7	6.5	5.6	6.4	6.2	6.1	5.9	5 7	5.6	5.4	5.6	7.8	8.8	7.8	7.4	6.0	6.6	6.5	6.3	6.1	6.1	19.4	18.1	11.1	10.8	9.8	8 8	8.2	7.7	7.4
Index	Red	25	11.8	11.6	11.2	11.1	11.1	11 8	11.3	10.8	10.6	10.4	10.2	10.2	10.1	10.7	12.0	12.8	14.0	13 2	12.8	12.4	12.4	12.4	13.0	13 2	13.1	13 8	13.7	13.0	12.5	11.2	11.2
Fulton	do	25	11.6	11.1	10.8	10.4	10.2	10.6	10.6	10.0	9 5	9.2	9.1	9.1	9.5	10.4	11 6	12.1	13.1	13.1	12.8	12.2	11.9	11.9	13.4	14.0	14.6	15.4	15.8	15.6	15.4	14.9	14.2
Big Lake Outlet	St. Francis	10	3.7	3.6	3.8	3.8	3.7	3.7	3.6	3.5	3 5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.8	3.8	4.6	6.6	8.2	8.9	9.1	9.2	9.2
St. Francis	do	18	10.3	10.2	9 7	9 4	9 1	8.9	8 7	8.4	8.1	7.9	7.4	7.1	7.0	6.8	7.0	6.8	6.7	6.5	6.4	6.3	6.0	5 9	13.5	15.9	16.6	17.0	17.0	16 9	16.4	15.9	15.4
St. Francis L.L.	do	..	19.5	19.3	19.2	19.1	18.9	18.8	18.7	18.5	18.3	18.1	17.9	17.8	17.7	17.6	17.6	19.2	19.7	20.0	20.2	19.9	19 6	19.6	19.2	18.9	18.9	19.0	19.2	19.6	19.9	20.2	20.4
Marked Tree	do	17	6.5	6.4	6.4	6.3	6.2	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.7	5.7	5.6	1.8	1.1	0.8	0.7	3.6	4.0	4.0	5.4	5.5	5.3	5 3	5.5	5.8	6.4	6.6	6.7
Parkin	do	28	5.4	5.5	5.5	5.4	5.4	5.4	5.2	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.9	4.7	3.3	2.3	1.6	1.3	2.0	3.3	3.6	3.6	3.8	4.9	4.9	4.9	5.1	5.4	6.0
Madison	do	32	2.3	2.8	3.2	3.3	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2 9	2.8	2.8	2.7	2 6	2.4	2.6	1.0	0.5	0.3	0.8	1.9	2.4	3.2	3.4	3.2	3.1	3.0	3.1	3.4
Helena	Mississippi	42	14 9	15.0	14.8	14.5	13 9	13.1	12.3	11.6	11.0	10.6	10.3	10.0	9.7	9.4	9.4	9.3	8.9	8.5	8.7	9.1	9 5	9.8	9.9	9.7	9.1	9.0	9.5	10.3	11 3	13.4	15.8
Arkansas City	do	42	16 0	15.7	15.2	14.8	14 4	13.7	13 0	12.3	11.6	11.0	10.3	9.8	9.3	8.8	8.3	8.2	8.1	7.9	7.8	8.0	8.3	8.5	8.4	8.4	8.4	8.6	9.1	9.7	10.2	11 0	12.2

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Reform; Bethesda, Batesville; Big Lake Outlet, Manilla. Boughton, Route 4, Prescott; Clover Bend, Hoxie; Devils Knob Salus; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Irons Fork, Experiment Forest, Mena; Lutherville, Route 1, Lamar; Morrilton, Route 3, Morrilton; Rosebud, Route 2, Mt. Vernon; Springbank, Doddridge; Turnpike, Dover; White Rock, Cass; Mulberry, Route 1, Mulberry.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

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CLIMATOLOGICAL DATA

3 ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVI LITTLE ROCK, ARK., YEAR, 1941 No. 13

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GENERAL SUMMARY

The year was slightly warmer than normal in temperature but almost 3° warmer than in 1940. The annual mean temperature for Arkansas was 61.9°, which is 0.5° above the average of the past 51 years. March was decidedly colder than average with temperatures averaging over five degrees below normal. It was the coldest March since 1931 and the seventh coldest since 1891. Freezing weather extended into the extreme southern portions of the State on the 29th of the month. February and November were also colder than average but departures were not as great as in March. However, the coldest month of the year was February with a mean temperature of 40.8°. October had the greatest excess in temperature, the departure being over five degrees, and it was the warmest October in the past 51 years. The period from October 19th to 26th was unseasonably warm, temperatures being as much as 15° above the seasonal average on some days. During the other months of the year, average monthly temperatures departed only one or two degrees from their normals. The highest temperature reported in the State during the year was 107° at Corning on July 10th. The majority of stations reported temperatures of 100° or higher at times during the summer. No sub-zero temperatures occurred in the State during the year. The lowest temperature reported was 5° at Gravette on January 19th. Considering individual stations, Magnolia had the highest annual mean temperature with 66.1°, Devils Knob and Turnpike the lowest with an average of 57.8°.

The year was slightly drier than average for the State as a whole. The average precipitation was 46.28 inches, which is 2.31 inches below the average of the past 51 years. About one third of the stations measured over fifty inches of precipitation during the year and about one sixth of the stations less than forty inches. The least rain fell in the northeastern counties where some stations had less than half the usual amount. In that section of the State unusually dry weather prevailed during the spring and early summer. In May and June some stations in that section reported less than an inch of rain during the entire month. Considering individual stations, the largest annual amount of precipitation was 67.61 inches at Lutherville and the least was 23.18 inches at Blytheville. The greatest amount of precipitation measured in one month was 15.18 inches at Gravette in October and the least was 0.07 inch at Wilson in September. The greatest rainfall in 24 hours was 6.60 inches at Portland on October 31st, during the passage of a tropical storm northward over the State.

Snowfall averaged 4.2 inches during the year for the State, compared with an average annual fall of 5.5 inches. Amounts ranged from 28.1 inches at Lutherville to none at several stations in the extreme southern section of the State. Sleet and glaze were observed at many places in the State from February 18th to 24th. The glaze caused some breakage of electric wires and tree limbs in the central section.

Two severe tornadoes occurred in the State on October 26th, one in the vicinity of Dardanelle, Yell County, the other at

(Continued on page 78)

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	−14	57.75	8.7	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	185	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	− 4	37.72	2.9	79	171	97	98
1897	62.3	111	− 2	46.13	3.9	76	178	96	91
1898	61.4	108	− 4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	− 5	49.03	2.2	92	150	120	95
1901	61.1	116	− 6	35.27	2.9	65	175	111	79
1902	60.5	108	− 2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.3	84	162	107	96
1904	60.5	105	− 5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	− 7	55.99	4.3	95	156	96	113
1907	61.9	113	− 8	49.78	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	− 9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	− 1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	− 3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−23	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	3.4	91	166	75	124
1920	60.7	105	− 2	54.28	2.5	90	174	74	118
1921	64.2	107	− 3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	− 8	37.03	7.9	74	193	68	105
1925	63.0	113	− 6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	− 2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	98	162	83	120
1930	61.7	115	−28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	− 5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	94
1939	62.7	112	4	50.16	5.1	89	179	89	97
1940	59.3	104	−14	44.85	9.8	97	165	85	116
1941	61.9	107	5	46.28	4.2	96	146	109	110
Period	61.2	120	−29	48.14	5.5	86	169	93	103

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1941

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	43.6	+ 2.4	76	5	3.43	−0.97	6.69	0.3	8	12	7	12	n.
February	40.8	− 2.7	72	7	2.92	−0.49	6.35	3.4	8	11	5	12	n.
March	47.5	− 5.1	80	13	2.21	−2.40	6.76	0.2	7	13	8	10	n.
April	63.7	+ 2.2	94	32	5.04	+0.14	10.49	0.0	10	10	10	10	s.
May	71.4	+ 2.2	97	40	2.22	−2.68	6.25	0.0	6	14	10	7	s.
June	76.2	− 0.9	103	47	4.01	−0.50	9.28	0.0	8	12	12	6	s.
July	81.2	+ 0.7	105	53	4.82	+1.60	9.23	0.0	9	13	12	6	sw.
August	80.7	+ 0.6	107	50	3.94	+0.37	8.63	0.0	9	12	13	6	sw.
September	75.4	+ 0.9	102	39	3.60	+0.29	8.71	0.0	5	15	9	6	s.
October	68.2	+ 5.4	96	28	8.11	+4.91	15.18	0.0	13	8	9	14	s.
November	49.9	− 1.3	87	18	2.31	−1.45	5.98	T.	6	15	6	9	sw.
December	44.7	+ 1.8	80	14	3.67	−0.53	6.62	0.3	7	11	8	12	n.
Annual	61.9	+ 0.5	107	5	46.28	−2.31	15.18	4.2	96	146	109	110	s.

EXCESSIVE PRECIPITATION FOR 1941

Station and date	Maximum amounts of precipitation										
	5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
LITTLE ROCK, ARK											
May 23	0.33	0.58	1.13	1.51	1.71	1.81	1.92	2.12	2.17	2.19	2.19
June 10	0.38	0.60	0.78	0.84	1.10	1.37	1.48	1.55	1.56	1.57	1.64
July 21	0.36	0.63	1.15	1.38	1.58	1.65	1.65	1.65	1.67	1.67	1.67
Sept. 9	0.34	0.57	0.73	0.77	0.78	0.85	0.87	0.95	1.00	1.02	1.05
Sept. 24	0.47	0.59	0.63	0.66	0.66	0.67	0.80	0.89	0.91	1.01	1.06

Climatological Data for Year, 1941

Stations	Counties		Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				
		Elevation, feet	Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Alum Fork †	Saline	755	5	61.4	97	July 5§	16	Jan. 19	5	51.72	8.70	Oct.	1.98	Mar.	0.8	109	74	166	125	w.
Arkadelphia	Clark	200	4	63.2	101	Aug. 18	20	Jan. 19	46	50.32	7.28	April	1.37	Aug.	0.0	115	187	83	95	nw.
Arkansas City	Desha	145	...	...	...	...	...	...	57	43.52	12.01	Oct.	0.68	May	0.0	84	...	...	...	...
Batesville Airway	Independence	363	5	61.2	103	July 1§	16	Feb. 8	5	44.73	8.88	July	1.21	Mar.	7.5	100	81	152	132	se.
Batesville	Independence	277	...	...	...	...	...	...	42	42.63	7.88	July	1.18	Mar.	4.1	100	177	68	120	...
Bee Branch	Van Buren	650	48	60.1	100	July 8	14	Jan. 19	49	47.45	9.92	Oct.	1.40	Mar.	10.5	84	144[a]	110[a]	110[a]	w.
Benton	Saline	285	5	60.8	100	July 2	15	Jan 19	6	46.69	7.52	Oct.	1.64	Nov.	2.4	109	205	100	60	sw.
Bentonville	Benton	1295	36	59 0	99	July 29	9	Jan. 18	36	49.95	12.95	Oct.	0.58	Mar.	8.2	108	97	144	123	s.
Bethesda †	Independence	500	...	60.6	101	July 2	15[a]	Jan. 19	2	41.17	8 19	Oct.	0.48	Mar.	3.4	73	116[a]	188[a]	60[a]	sw.
Big Lake Outlet †	Mississippi	239	...	...	...	...	...	...	11	27.50	6.45	Oc .	0.31	Sept.	T	85	180	46	139	...
Black Rock	Lawrence	259	...	...	...	...	...	...	40	39.27	8.14	Oct.	1.38	Feb.	2.4	97	224	18	122	s.
Blytheville	Mississippi	252	16	62.0	101	July 10	16	Feb. 8	16	23.18	4.40	Oct.	0.25	Sept.	0.8	71	...	...	...	s.
Booneville	Logan	465	26	61.9	104	Aug. 11	14	Jan. 19	27	47.37	6.95	Oct.	1.33	Mar.	3.0	104	127	141	97	e.
Boughton †	Nevada	235	...	...	...	...	...	...	6	49.61	5.90	July	2.39	Aug.	0.6	88	159	75	131	...
Brinkley	Monroe	205	54	62.9	101	Aug 10	19	Feb. 8	54	34.46	4.67	April	1.32	Sept.	5.0	98	155	112	98	se.
Calico Rock	Izard	361	...	...	...	...	...	...	37	46.88	12.56	Oct.	0.58	Mar.	3.2	102	138	43	184	...
Camden	Ouachita	116	50	64.9	104	Aug. 11	19	Jan. 19	56	52.39	7.71	July	2 70	Jan.	0.0	111	134	72	159	s.
Clarendon	Monroe	172	...	...	...	...	...	...	37	36.06	6.55	July	0.72	May	1.5	107	150	78	147	sw.
Clover Bend	Lawrence	426	2	60.2	103	July 2	14	Feb. 8	2	40.55	7.28	Oct.	1.35	Mar.	9.2	71	125	191	49	s.
Conway	Faulkner	309	45	63.1	107	Aug. 10	17	Feb. 8	58	48.27	8.65	Oct.	1.74	Mar.	11.0	96	175	129	61	s.
Corning	Clay	293	41	61.4	105	July 2§	15	Jan. 19§	48	41.15	10.04	Oct.	0.77	Feb.	1.0	83	195	92	78	sw.
Cotter	Baxter	440	...	...	...	...	...	...	14	44.06	11.49	Oct.	0.51	Mar.	2.5	78	162	109	94	...
Crossett	Ashley	175	18	63.4	98	July 9	17	Feb. 9	29	47.05	9.55	Oct.	0.64	Aug.	0.0	85	168	75	122	s.
Danville	Yell	827	...	...	...	...	...	...	25	43.98	10.28	Mar.	1.58	Mar.	4.3	113	70	199	96	...
Dardanelle	Yell	330	32	63.4	100	July 24	19	Jan. 19§	65	50.14	9.35	Oct.	1.30	Mar.	10.7	99	79	169	117	s.
Des Arc	Prairie	204	1	63.1	99	Aug. 10§	18	Jan. 19§	4	40.93	7.16	July	1.67	Nov.	4.5	98	85	98	182	...
Devils Knob †	Johnson	2350	5	57.8	93	July 8	7	Feb. 8	5	58.39	13.93	Oct.	0.93	Mar.	22.0	121	166	52	147	sw.
Dumas	Desha	162	27	64.7	104	July 1§	19	Jan. 19	36	42.52	6.90	July	0.93	May	0.2	97	85[a]	182[a]	97[a]	s.
El Dorado	Union	270	37	65.5	100	Aug. 18	21	Jan. 19	41	54.30	8.35	July	1.28	Aug.	T.	87	175	89	101	s.
England	Lonoke	229	34	62.9	100	July 1§	20	Feb. 8	35	40.70	7.34	Oct.	1.36	June	0.5	80	118	185	62	w.
Eureka Springs	Carroll	1465	40	60.0	100	July 8§	8	Jan. 18	41	55 24	12.04	Oct.	1.00	Mar.	12.2	112	180	105	80	sw.
Fayetteville	Washington	...	4	59.9	100	July 18	9	Jan. 18	4	51.70	14.61	Oct.	0.56	Mar.	14.6	117	66	143	156	s.
Fayetteville Exp.	Washington	1451	50	59.9	100	July 18§	10	Jan. 18	54	50.48	13.04	Oct.	0.47	Mar.	9.5	116	115	171	79	sw.
Fort Smith	Sebastian	448	60	62.8	100	July 9	18	Jan. 18	60	45.10	9.97	Oct.	0.80	Mar.	7.6	122	109	116	140	e.
Ft. Smith **Water** Plant †	Crawford	...	3	...	...	...	...	...	3	44.27	11.01	Oct.	0.64	Mar.	7.5	99	101	135	129	...
Fulton	Hempstead	260	...	...	...	...	...	...	56	53.55	8.11	April	2 52	Jan.	0.0	104	151	64	150	...
Georgetown	White	200	...	...	...	...	...	...	29	40 60	5.73	Oct.	1.26	Mar.	11.7	86	215[a]	33[a]	116[a]	...
Gilbert	Searcy	600	6	58.5	102	Aug. 10	8	Jan. 19	16	42.89	11.90	Oct.	0.60	Mar.	3.5	86	205[a]	25[a]	134[a]	...
Glenwood	Pike	547	...	...	...	...	...	...	6	57.72	9.13	June	2.63	Nov.	T.	103	164	57	144	...
Grannis	Polk	950	21	61.3	99	Aug. 18	15	Jan. 19	22	53.40	8.19	Oct.	1.87	May	T	121	123	118	124	s.
Gravette	Benton	1250	43	60.0	102	July 29	5	Jan. 19	44	45.13	15.18	Oct.	1.00	July	7.5	99	173	133	59	sw.
Green Mountain †	Stone	1100	2	60.3	98	Aug. 11	11	Feb. 8	2	43.45	11.16	Oct.	0.75	Mar.	8.2	93	176[h]	73[h]	108[h]	...
Harrison	Boone	1052	40	60.1	104	Aug. 11	12	Jan. 19	41	45.50	12.80	Oct.	0.65	Mar.	8.2	103	212	68	85	s .
Heber Springs	Cleburne	272	...	...	...	...	...	...	12	47.06	8.50	Oct.	1.24	Mar.	7.9	97	159	129	77	...
Helena	Phillips	300	43	62.5	97	July 2	16	Jan. 19	69	42.62	6.40	Aug.	0.87	May	1.9	94	121[c]	113	131	ne.
Highland	Pike	491	12	64.0	96	July 8§	18[b]	Jan. 19	22	52.89	8.18	Apr.	2.66	Jan.	0.9	97	115	186	64	s .
Hope	Hempstead	375	35	63.0	100	Aug. 18	19	Jan. 19	71	58.68	8.24	Apr.	3.04	Jan,	0.2	109	118	153	94	e.
Hot Springs	Garland	600	44	63.5	101	Aug. 18	18	Jan. 19	50	45.22	7.56	Oct	1.58	Nov.	T.	107	176	110	79	s.
Index †	Little River	275	...	...	...	...	...	...	24	51.32	7.95	Apr.	1.95	Jan.	0 0	143	216[a]	190[a]	129[a]	...
Irons Fork †	Polk	1385	3	59.2	102	Aug. 18	11	Jan. 19	3	57.26	10.71	Oct.	2.15	Nov.	0.6	130	147	99	119	sw.
Jessieville	Garland	750	...	...	...	...	...	...	15	53.88	9.35	Oct.	2.06	Mar.	T	97	66	191	108	sw.
Jonesboro	Craighead	345	45	62.2	101	July 2	15	Feb. 8	46	31 99	6.12	Oct.	0.66	Feb.	1.8	104	80	129	156	sw.
Lead Hill	Boone	650	24	59.1	103	July 18	11	Jan. 19	35	40.68	11.82	Oct.	0.72	Mar.	5.5	94	187	92	86	s.
LITTLE ROCK	Pulaski	324	62	62.7	98	Aug. 10	20	Feb. 8	62	45.29	6.10	Oct.	1.29	Nov.	3.7	111	102	107	156	s.
Little Rock Airway	Pulaski	257	5	62.3	99	Aug. 18	19	Jan. 19	5	46.17	7.61	Oct.	1.30	Nov.	2.7	108	102	105	158	ne.
Lutherville †	Johnson	775	43	60.8	97	Aug. 13	13	Feb. 8	42	67.61	11.57	Oct.	1.35	Mar.	28.1	108	126	118	121	se.
Madison	St. Francis	209	...	...	...	...	...	...	11	36 57	7.19	Aug.	0.29	Sept.	6.0	69	73	43	249	...
Magnolia	Columbia	315	22	66.1	100	Aug. 10	20	Jan. 19	25	52.51	7.41	Oct.	1.45	Sept.	0.0	78	41[c]	241[c]	80[c]	se.
Mammoth Spring	Fulton	600	36	60.4	104	Aug. 11	13	Jan. 19§	37	47.42	13.42	Oct.	0.90	Feb.	1.4	94	137[c]	133[b]	93[b]	sw.
Marianna	Lee	235	29	62.2	98	June 26	19	Feb. 8	30	43.00	6.92	July	1.38	Sept.	3.5	77	97[b]	166[b]	100[b]	s.
Marked Tree	Poinsett	229	25	...	103	July 2	15	Feb. 8	37	29.55	5.86	Aug.	0.31	May	5.0	71	185	121	59	s.
Mena	Polk	1207	49	62.0	99	July 8	16	Jan. 19	53	61.72	11.47	Oct.	1.75	Mar.	0.2	131	159	97	109	sw.
Monticello Airway	Drew	273	5	64.4	100	July 1§	20[a]	Jan. 19	5	41.81	6.32	Oct.	1.46	May	T.	107	88	133	139	s.
Morrilton †	Conway	315	19	61.4	100	July 2§	17	Jan. 19	22	46.60	9.86	Oct.	1.53	Mar.	7.9	101	71	181	113	se.
Mountainburg	Crawford	2010	...	...	...	...	...	...	4	48.90	11.66	Oct.	0.78	Mar.	6.0	99	196	76	93	sw.
Mountain Home	Baxter	800	24	60.1	102	Aug. 11	13	Feb. 8	29	40.64	10.00	Oct.	0.51	Mar.	9.5	69	177	42	146	w.
Mountain Valley	Garland	788	...	...	...	...	...	...	3	57.16	15.16	Oct.	1.47	Mar	3.4	112	172	81	112	s.
Mount Ida	Montgomery	650	26	61.3	100	July 8§	12	Jan. 19	42	54.98	9.54	Oct.	1.51	Mar.	T.	101	123	117	125	sw.
Mount Ida CCC	Montgomery	750	...	...	...	...	...	...	2	49.91	8.71	Sept.	2.04	Mar.	T	108	129	159	77	sw.
Mulberry †	Franklin	433	...	...	...	...	...	...	3	44.44	9.42	Oct.	0.80	Mar.	9.0	111	143	76	146	...
Nashville	Howard	350	3	63.9	96	July 8§	20	Jan. 20	3	51.98	9.28	June	1.81	May	0.2	129	175	131	59	...
Newport	Jackson	231	53	62.7	102	Aug. 10	17	Feb. 8	58	46.36	7.92	July	1.05	May	5.0	103	147	129	89	n
Oden	Montgomery	750	5	61.1	98	Aug. 3	13	Jan. 19	14	54.60	7.51	Oct.	1.99	Mar.	0.5	98	98	156	111	s.
Okay	Howard	288	13	64.8	99	Aug. 18	19	Jan. 19	13	52.03	9.42	Apr.	1.80	May	0.0	93	151	123	91	s.
Osceola	Mississippi	250	...	...	...	...	...	...	3	23.32	5.15	Oct.	0.46	Sept.	0.5	82	153	142	70	...
Ozark	Franklin	396	44	60.8	102	Aug. 1§	12	Jan. 18	46	48.47	9.38	Oct.	0.96	Mar.	2.9	104	96	104	165	se.
Paragould	Greene	275	3	60.6	102	July 2	16	Jan. 19§	16	29.29	5.34	Oct.	0.60	May	1.2	97	217	78	70	sw.
Parkin	Cross	222	...	...	...	...	...	...	11	37.36	6.11	Aug.	0.48	Sept.	6.5	77	140[a]	70[a]	154[a]	...
Perryville	Perry	325	1	61.6	103	Aug. 18	10	Jan. 19	1	48.35	10.70	Oct.	1.46	Mar.	9.4	89	83[c]	210[c]	69[c]	w.
Pine Bluff	Jefferson	215	53	64.2	99	Sept. 19	21	Jan. 19	54	44.66	9.23	July	1.60	May	T.	104	98	174	93	sw.
Pine Ridge	Montgomery	840	...	...	...	...	...	...	17	58.77	9.60	Oct.	1.88	Mar.	T.	98	113	133	119	sw.
Pocahontas	Randolph	309	47	61.4	104	Aug 11	13	Jan. 19	48	36.63	8.11	Oct.	0.79	Feb.	2.0	88	189	70	106	sw.
Portland	Ashley	122	35	64.6	97	July 1§	19	Jan. 19	35	48.82	12.09	Oct.	0.97	May	T.	95	139	108	118	sw.
Prescott	Nevada	318	52	65 2	101	Aug. 18	20	Jan. 19	53	52.18	6.09	Apr.	2.01	Aug.	0.5	107	179	92	94	s.
Rogers	Benton	1300	46	59.2	102	July 18§	9	Jan. 18§	51	50.67	13.95	ct.	0.41	May	12.3	117	129	140	96	sw.
Rosebud	Faulkner	600	...	...	...	...	...	...	7	46.04	8.19	ct.	1.43	Mar.	15.9	...	...	...	...	...
Russellville Evap	Pope	526	31	62.6	103	Aug. 11	17	Jan. 19§	29	54.31	11.13	Oct.	1.43	Mar.	13.4	112	202	56	107	se.
St. Charles	Arkansas	175	5	62.8	100	Aug. 11	20	Jan. 19§	8	42.64	7.46	uly	0.69	May	T.	95	136	101	128	n
St. Francis	Clay	290	...	...	...	...	...	...	14	38.03	8.26	Oct.	1.08	Sept.	1.0	91	194	7	164	...
Searcy	White	245	28	62.1	102	Aug. 10	16	Feb. 8	31	41.68	6.34	Oct.	1.22	Mar.	10.8	99	191	62	109	ne.
Springbank †	Miller	240	...	...	...	...	...	...	32	55.48	7.56	Apr.	1.23	Aug.	T.	116	...	...	...	...
Story	Montgomery	650	...	...	...	...	...	...	17	47.26	7.31	Oct	1.45	Feb.	3.2	78	184[a]	99[a]	81[a]	s.
Stuttgart	Arkansas	214	51	62.8	101	Aug. 18	19	Jan. 19	54	40.27	6.44	April	1.32	Sept.	0.6	100	217	80	68	s.
Stuttgart Evap	Arkansas	198	5	62.1	97	July 8	20	Jan. 19§	5	39.83	6.46	Oct.	1.10	May	T.	93	...	...	...	...

Climatological Data for Year, 1941

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Subiaco	Logan	750	44	62.5	102	July 9	16	Jan. 19	44	52.28	9.81	Oct.	1.40	Mar.	4.8	103	157^{c}	78^{c}	125^{c}	w.
Texarkana	Miller	332	55	65.1	101	Aug. 18	21	Jan. 19§	56	57.46	7.58	Apr.	2 62	Jan.	T	85	196	54	115	......
Turnpike†	Pope	2240	5	57.8	91	July 8§	8	Feb. 8	17	54.85	12.94	Oct.	0 82	Mar.	14.1	115	167	59	137	sw.
Waldron	Scott	675	3	62 0	103^{a}	Aug. 1§	16^{b}	Jan. 19	22	43.52	9.00	Oct.	0.91	Mar.	0.0	81	93^{c}	185^{c}	72^{c}	se.
Warren	Bradley	206	45	64.9	99	July 1§	20	Jan. 19	47	45.67	7.17	July	1.12	Sept.	0.2	84	90	62	213	nw.
Whitecliffs	Little River	290	..	......	......	......	......	....	35	56.94	10.23	April	2 10	Nov.	0.0	69	202	30^{b}	131^{b}	......
White Rock†	Franklin	2285	5	58.2	94	Aug. 1	9	Jan. 18§	5	55.32	14.38	Oct.	0.81	Mar.	11.7	113	156	96	113	se.
Wilson	Mississippi	237	16	61.9	102	July 10	14	Feb. 8	16	28.88	7.58	Aug.	0.07	Sept.	1 0	62	203	14	148	s.
Wright	Jefferson	234	2	62.3	100	July 2	20	Jan. 19§	2	41.00	6.21	Apr	1.13	May	2.7	75	166^{a}	126^{a}	72^{a}	sw.
Wynne	Cross	167	33	62.6	101	Aug. 10§	11	Feb. 8	33	34.50	5.35	July	0.69	Sept.	8.0	77	152	126	87	s.

Monthly and Annual Precipitation for the Year 1941, with Departures from the Normal

Stations	January: Precipitation	Departure	February: Precipitation	Departure	March: Precipitation	Departure	April: Precipitation	Departure	May: Precipitation	Departure	June: Precipitation	Departure	July: Precipitation	Departure	August: Precipitation	Departure	September: Precipitation	Departure	October: Precipitation	Departure	November: Precipitation	Departure	December: Precipitation	Departure	Annual: Precipitation	Departure
Alum Fork Reser.	2.00	......	3.69	......	1.98	......	3.68	......	4.25	......	5.32	......	5.16	......	7.56	......	2.19	......	8.70	......	2.20	......	4.99	......	51.72	....
Arkadelphia	3.39	−1.44	5.15	+1.54	3.75	−0.72	7.28	+2.41	3.58	−1.55	4.71	+0.10	4.94	+1.25	1 37	−2.26	2.46	−0.88	6.28	+2.86	2.44	−1.11	4.97	+0 09	50.32	+ 0.29
Arkansas City	3.99	−0.56	2.93	−1.39	4.51	−0.69	3.88	−1 32	0.68	−4.29	2.29	−1.33	5.49	+1.85	2.06	−1.90	1.62	−1.33	12.01	+9.39	2.30	−1.48	1.76	−4.22	43.52	− 7.27
Batesville Airway	3.74	......	1.33	......	1.21	......	2.60	......	1.80	......	2.05	......	8.88	......	4.46	......	4.27	......	7.07	......	1.61	......	5 71	... ..	44.73	....
Batesville	3.50	−1.18	1 80	−1.64	1.18	−3.10	3 27	−1.48	2.02	−2.97	1.93	−1.99	7.88	+4 06	3.01	−1.40	4.07	+0.32	7.65	+4.46	1.70	−1.73	4.62	+0.70	42.63	− 5.95
Bee Branch	3.05	−1.50	2.50	−0.54	1.40	−2.98	4 45	−0.40	2.15	−2.91	4.05	−0.44	4.33	+0 92	3.05	−0.98	4.45	+1.25	9.92	+6.36	2.05	−1.61	6.05	+1.88	47.45	− 0.95
Benton	2.96	......	3.66	......	2.58	......	5.96	......	3.25	......	3.70	......	4.16	......	4 71	......	1.83	......	7.52	......	1.64	......	4.72	......	46.69	....
Bentonville	3.23	+0 56	1.61	−0.53	0.58	−3.45	8.80	+4.45	0.64	−4.57	5.50	+1.28	1.32	−3.02	5.37	+1.31	4.97	+1.29	12.95	+9.33	2.80	−0.21	2.18	−0.20	49.95	+ 6.24
Bethesda	3.26	......	1.35	......	0.48	......	2.12	......	1.45	......	2.45	......	7.75	......	4.36	......	2.93	......	8 19	......	1.79	......	5.04	......	41.17	....
Big Lake Outlet	2.37	......	0.57	......	0.96	......	3.63	......	0.52	......	0.98	......	2.88	......	3.82	......	0.31	......	6.45	.....	1.69	......	3.32	......	27.50	....
Black Rock	4.14	−0.47	1.38	−1.87	1.40	−2.96	4.11	−0 91	1.89	−2.84	2.60	−1.15	3.42	−0 32	3.08	−1.03	1.58	−2.37	8 14	+4.76	2.09	−1.82	5.44	+1.34	39.27	− 9.64
Blytheville	2.57	−3.35	0.51	−2.27	0.85	−4.49	2.86	−1.70	0.68	−3.24	0.47	−3.59	3.21	−0.01	3.80	−1.11	0.25	−3.20	4.40	+0.88	1.34	−2.89	2.24	−2.10	23.18	−27.07
Booneville	4.67	+1.67	3.57	+0.97	1.33	−2.70	4.36	+0.06	2.29	−3.39	5.29	+1.09	4.24	+0.69	5.91	+1.83	4.90	+1.87	6.95	+3.67	1.65	−1.59	2.21	−0.83	47.37	+ 2.74
Boughton	3 58	......	4.41	......	4.83	......	5.49	......	4.98	......	3.21	......	5.90	......	2.49	......	2.76	....	3.89	......	3.84	......	4.23	......	49 61	....
Brinkley	2.87	−2.32	2.89	−1.31	2.05	−3.24	4.67	−0.79	2.10	−3.29	2.78	−0.95	3.35	−0.93	4.16	+0.49	1.32	−2.66	4.56	+1.04	1.46	−2.50	2.25	−2.86	34.46	−19.32
Calico Rock	4.28	−0.19	1.32	−1.44	0.58	−3.46	2.25	−2.11	2.43	−2.22	2.87	−0.71	7.87	+4 93	1.96	−2.40	5.47	+2.10	12.56	+9.67	2.43	−1.08	2.86	−0.72	46.88	+ 2.37
Camden	2.70	−2.04	4.25	+0.40	5.27	+0.64	6.09	+1.31	3.43	−1.29	2.83	−1.38	7.71	+3.70	3.43	+0.15	3.54	+0.33	6.04	+3.05	4.06	+0.12	3.04	−2.13	52.39	+ 2.86
Clarendon	2.69	−1.95	2.40	−1.52	1.83	−3.11	5.44	+0.13	0.72	−3.84	3.33	−0.26	6.55	+2.96	2 96	−0.72	0.83	−2.61	4.71	+1.47	2.10	−1.75	2.50	−2.55	36.06	−13.75
Clinton	2.78	−1.79	2.26	−0.71	0.97	−3.59	4.47	+0.01	2 24	−2.59	3.14	−0.55	....	......	....	......	5.14	+1.46	13.34	+6.99	2 22	−1.22	3.75	−0.24	....	....
Clover Bend	4.62	......	1.73	......	1.35	......	3 59	......	1 67	......	2.06	......	4.41	......	5.65	......	1.78	......	7.28	......	1.70	......	4.71	......	40.55	....
Conway	3.03	−1.68	3.65	+0.19	1 74	−2.54	4.37	−0.68	2.53	−2.53	4.93	+1.05	4.34	+0.80	5.10	+1.54	2 35	−1.12	8.65	+5.23	2.00	−1.60	4.55	+0.31	48.27	− 0.93
Corning	3.88	−0.85	0.77	−2.58	1.50	−2.86	2.38	−2.72	2.13	−2.60	2.22	−1.85	5.97	+2.57	3 55	−0.74	1.88	−1.76	10.04	+6.66	1.85	−1.91	4.98	+1.11	41.15	− 7.53
Cotter	4.61	+1.25	1.71	−0.94	0.51	−2 62	2.52	−1 29	2.63	−2.26	2.59	−2.36	4.81	+1.71	2 06	−1.36	6.01	+2.60	11.49	+7.54	2.97	+0.64	2.15	−1.15	44.06	+ 1.76
Crossett	4.28	−0.50	3.37	−0.37	5 91	+0.77	2 99	−2.70	1.21	−3.44	3.50	−0.42	7.45	+3.00	0.64	−2.68	3.40	+0.78	9.55	+6.05	3 15	−0.73	1.60	−4.46	47.05	− 4.70
Danville	2.63	−1.31	3.24	+0.46	1.58	−2.16	3.77	−0.60	3.11	−2.68	5.19	+0.90	3.42	−0.04	2.06	−1.98	3.60	+0.21	10.28	+6.44	2.10	−0.97	3.00	−0.49	43.98	− 2.22
Dardanelle	2.81	−0.81	3.68	+0.80	1.30	−2.68	3.44	−0.71	3.30	−1.89	8.53	+4.85	4.80	+1 71	4.08	+0.45	3.82	+0.53	9.35	+5.95	2.18	−1.13	2 85	−0.72	50.14	+ 6.35
De Queen	2.12	......	3.14	......	3.16	......	6.93	... ..	2.07	......	6.08	......	7.28	......	2.48	......	1.79	......	....	......	....	......	....	......	.....	....
Des Arc	3.19	......	1.90	......	2.20	......	4.53	......	1.79	......	4.24	......	7.16	......	4.15	......	1.88	......	4.37	......	1.67	......	3.85	......	40.93	....
Devils Knob	6.12	......	5.52	......	0.93	......	4.11	......	4.09	......	3.75	......	4.05	......	4.77	......	5.12	......	13.93	......	2.90	......	3.10	......	58.39	....
Dumas	3.21	−1.81	3.28	−1.33	5 16	−0.60	5.34	+0.54	0.93	−2.54	1.89	−1.92	6.90	+2 29	3.22	−0.37	2.72	−0.17	5.23	+2.01	2.76	−1.44	1.88	−4.41	42.52	− 9.75
El Dorado	4.27	−0.46	4 07	+0 47	5.58	+0.62	4.98	−0.25	3.25	−0.23	4.62	+0.93	8.35	+4.31	1.28	−1.72	4.19	+1 04	7.73	+4.41	3.81	−0.25	2.17	−4.04	54.30	+ 4.83
England	3.47	−1.43	2.45	−1.35	2.34	−2.50	5.63	+0.06	2.32	−2.17	1.36	−2.47	3.79	+0.50	3.36	−0.28	3.34	−0.43	7.34	+4.21	1.38	−2.41	3.92	−1.02	40.70	− 9.29
Eureka Springs	4.48	+1.28	2.24	−0.22	1.00	−2.98	7.58	+2.66	1.46	−4.13	5.54	+0.16	1.25	−3.05	5.79	+0.82	8.01	+3.79	12.04	+8.33	3.00	−0.10	2.85	+0.05	55.24	+ 6.61
Fayetteville	5.90	......	2.82	......	0.56	......	7.85	......	0.97	......	4.84	.... .	2.58	......	2.39	......	4.60	......	14.01	......	2.37	......	2.81	......	51.70	....
Fayetteville Exp.	5.46	+2.46	2.57	+0.37	0.47	−3.23	8.57	+3.97	0.75	−4.54	3.64	−1.10	2.19	−1.72	4.71	+0.67	3.80	+0.25	13.04	+9.34	2.82	−0.05	2.46	−0.24	50.48	+ 6.18
Fort Smith	4.18	+1.64	3 65	+1.09	0.80	−2.21	4.52	+0.58	2.19	−2.63	4.70	+0.98	3.72	+0.35	3.48	+0.20	3.30	+0.31	9.97	+6.98	2.35	−0.52	2.24	−0.52	45.10	+ 6.25
Ft. Smith WaterPt.	2.47	......	2.94	......	0.64	......	4.67	......	0.82	......	4.35	......	3.74	......	4 78	......	4.26	......	11.01	......	1.45	......	3.14	......	44.27	..... .
Fulton	2.52	−2.11	3.72	+0.29	6.75	+2.41	8.11	+3.44	3.95	−0.70	3.74	−0.42	4.79	+1.04	3.94	+0.74	3.96	+1.31	3.60	+0.74	3 03	−0 47	5.44	+1.22	53.55	+ 7.49
Georgetown	2.87	−2.15	2.80	−0.88	1.26	−3.43	4.35	−0.86	1.49	−3.26	4.08	−0.41	5.32	+1.96	4.93	+1.22	1.52	−2.37	5.73	+2.34	1.62	−2.17	4.63	+0.18	40.60	− 9.83
Gilbert	4.65	+0.84	2.06	−0.17	0.60	−2.12	1.92	−3.19	3.66	−0.78	3 20	−0.63	2.51	−0.98	2.91	−0.97	5.28	+0.95	11.90	+7.22	2.01	−0.34	2.19	−1.14	42.89	− 1.31
Glenwood	2.81	......	4.21	......	2.90	......	5.50	......	3.25	......	9.13	......	3.97	......	2 80	......	8.22	......	6.21	......	2.63	......	6.09	......	57.72	....
Grannis	3.58	−1.22	3.78	−0.48	2.42	−2.52	6.42	+0.12	1 87	−4.56	7.21	+2.19	6.63	+0.38	1.94	−1.70	4.87	+0.05	8.19	+3.97	2.35	−1.77	4.14	−0.74	53.40	− 6.28
Gravette	4.05	+1.27	2.31	+0.42	1.44	−2.18	10 49	+5.93	1.33	−4.09	6.06	+0.51	1.00	−3.17	3.58	−0.55	5.46	+1.75	15.18	+11.45	2.64	−0.52	1.94	−0.47	45.13	+10.35
Green Mountain	4 09	......	1.40	......	0.75	......	2.77	......	1.56	......	3.25	......	5.39	......	1.67	......	6.20	......	11.16	......	2.34	......	2.87	......	43.45	....
Harrison	3.92	+0.75	2.07	−0.43	0.65	−2.94	3.27	−1.67	2 87	−2.34	2.13	−2.27	2.53	−1.58	4.42	+0 39	6.37	+2.34	12.80	+9.67	1.93	−0.88	2 54	−0.32	45.50	+ 0.72
Heber Springs	3.31	......	2.40	......	1.24	......	3.56	......	2.25	......	4.23	......	7.77	.....	2.30	......	4.84	......	8.50	......	1.82	......	4.84	......	47.06	.... ..
Helena	3.85	−1.31	2.21	−1.68	2.87	−2.84	5.92	+0.82	0.87	−3.82	3.07	−0.29	4.81	+1.11	6.40	+2.58	1.96	−1.12	5.71	+2.73	2.90	−1.54	2.05	−3.38	42.62	− 8.74
Higden	2.87	−1.71	2.55	−0.13	1.16	−3.10	2.96	−1.94	2.60	−2.72	3.00	−0.97	2.20	−1.25	...	......	....	......	.....	......	..	......	....	......	.....	....
Highland	2.66	−1.92	5.16	+1.79	3.61	−0.76	8.18	+4.04	2.68	−2.44	7.54	+3.44	3.01	−0.85	3.11	−0.67	5.37	+2.17	3.84	+0.67	2.38	−1.14	5.35	+1.09	52.89	+ 5.42
Hope	3.04	−1.76	4.45	+0.63	6.76	+2.08	8.24	+3 25	6.25	+1.05	3.87	+0.35	5.23	+0.87	5.27	+2.30	3.07	−0.34	5.09	+2.18	2.77	−0.99	4.64	−0.13	58.68	+ 9.49
Hot Springs	2.71	−2.15	3.70	+0.19	2.17	−2.26	3.64	−2.35	2.26	−3.75	5.55	+0.90	5.14	+0.54	2.14	−1.68	2.91	−0.59	7.56	+4.13	1.58	−2.32	5.86	+1.19	45.22	− 8.15
Index	1.95	−1.69	3.55	+0.74	5.25	+1.21	7 95	+3.77	2.45	−1.97	7.00	+4.12	5.32	+1.98	2.95	−0.34	3.15	+0.37	3.05	+0.15	2.75	−0.15	5.95	+2.24	51.32	+10 43
Irons Fork	4.19	......	4.52	......	2.18	......	7.63	.... .	2.83	......	6.01	......	3.78	......	3.11	......	7.39	......	10.71	......	2.15	......	2.76	......	57.26	....
Jessieville	2.54	−3.62	4.08	+1.12	2.06	−2.25	4 97	−0.69	3.02	−3.02	6.34	+2.20	4.96	+1.52	4.86	+1.34	4.14	+0.98	9.35	+5.69	2.58	−1.75	4.98	+0.40	53.88	+ 1.92
Jonesboro	2.74	−2.28	0.66	−2.98	1.33	−3.23	3.53	−1.26	0.84	−3.35	1.11	−2.83	4.81	+1.52	2.74	−0.98	1.72	−1.69	6.12	+2.66	1.70	−1.69	4.69	+0.06	31.99	−16.05
Lead Hill	3.10	+0.39	1.52	−0.72	0.72	−2.92	2.24	−1.70	2.22	−2.61	2.08	−3.17	3.38	−0.07	1.80	−2.44	6.75	+3.69	11.82	+8.68	2.49	−0.27	2.56	−0.13	40.68	− 1.27
LITTLE ROCK	2.15	−2.58	2.65	−1.19	1.58	−3.04	4.97	−0.22	4.10	−0.68	5.99	+2.23	5.97	+2.47	3.15	−0.60	2.40	−0.77	6 10	+3.39	1.29	−2.90	4.94	+0.80	45.29	− 3.09
Little Rock Airway	2.53	......	2.90	......	1.78	......	5 53	.....	2.55	......	5.69	......	5.24	......	3.73	......	2.66	......	7.61	......	1.30	......	4.65	......	46.17	....
Lutherville	6.69	+2.76	6.35	+3.27	1.35	−2.66	5.45	+0.61	4.06	−1.21	6.44	+1.94	6.79	+3.04	8.63	+4 78	4.62	+0.71	11.57	+7.57	3.20	−0.21	2.46	−1.48	67.61	+19.12
Madison	2.92	−3.33	2.03	−2.46	1.93	−3.11	4.60	+0.92	1.99	−2.11	1.17	−2.07	3.97	−1.75	7.19	+4.49	0.29	−2.53	4.89	+1 84	2.30	−2.30	3.29	−2.31	36.57	−14.72
Magnolia	2.63	−1.93	4.08	+0.29	6.41	+1.95	6.54	+1.70	4.56	+0.09	5.89	+2.07	3.28	−0 08	1.53	−1.51	1.45	−0.98	7.41	+4.56	4.36	+0.33	4.27	−1.02	52.51	+ 5.47
Mammoth Spring	4.48	−1.02	0.90	−2.04	0.95	−2.71	2.88	−1.98	2.40	−2.19	2.32	−2.00	5.64	+1.82	4.65	+0.38	4.09	+0.56	13.42	+10.09	3.03	−0.24	2.66	−0 72	47.42	+ 1.99
Marianna	2.88	−2.01	1.84	−2.10	1.90	−2.77	4.50	−0.05	1.65	−2.63	2 52	−0.95	6.92	+3.45	5.70	+2.44	1.38	−2.13	6.63	+3.38	2.03	−1.47	5 05	+0.26	43.00	− 4.58
Marked Tree	2.49	−3.20	1.03	−2.79	1.31	−3.58	4.76	−0.22	0.31	−4.39	0.44	−2.78	2.91	−0.59	5.86	+2.23	0.76	−2.20	5.69	+1.74	1.41	−2.74	2.58	−2.06	29.55	−20.58

Monthly and Annual Precipitation for the Year 1941, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Mena	4 00	+0.06	4.64	+1.32	1.75	−2.48	7.13	+1.42	2 97	−3.27	6.64	+1.64	5.68	+1.88	5.82	+1 48	6.01	+2.09	11.47	+7.39	2.20	−1.42	3.41	−0.56	61.72	+ 9.55
Monticello Airway	3.02	......	3.40	......	5.84	......	4.43	......	1.46	......	2.02	......	6.26	......	1.78	......	2.11	......	6.32	......	2.01	......	3.16	......	41.81	......
Morrilton	3.34	−0.52	3.43	+0.69	1.53	−2.15	2.97	−1.25	2.17	−2.74	4.40	+0.60	2.32	−0.38	5.76	+2.16	4.12	+1.13	9.86	+6.48	2.35	−0.93	4.35	+0.47	46.60	+ 3.56
Mountainburg	4.05	......	3.23	......	0.78	......	5.08	......	1.17	......	4.31	......	4.40	......	5.83	......	4.23	......	11 66	......	2.16	......	2.00	......	48.90	......
Mountain Home	3.88	+0 55	1.28	−1.47	0.51	−3.00	2.55	−2.14	1.90	−3.11	3.02	−1.42	2.52	−1.32	3.28	−1.00	6.50	+2.20	10 00	+6.16	2.75	−0.08	2.45	−0.91	40.64	− 5.54
Mountain Valley	2.70	......	3.41	......	1.47	......	4.71	......	2.72	......	7.84	......	3.41	......	2.66	......	5.54	......	15.16	......	2.21	......	5.33	......	57.16	......
Mount Ida	2.61	−1.73	4.18	+0.64	1.51	−2.65	5.29	−0.60	1.72	−4.21	5.33	+1.04	7.02	+3.29	3.57	+0.07	7.62	+3.50	9.54	+5.86	2.32	−2.11	4.27	+0.17	54.98	+ 3.27
Mount Ida CCC	2.41	......	3.00	......	2.04	......	4.18	......	2.07	......	5.17	......	4.99	......	4.36	......	8.71	......	6.82	......	2.21	......	3.95	......	49.91	......
Mulberry	4.22	......	3.29	......	0.80	......	5.41	......	1.68	......	4.43	......	2.91	......	3.50	......	3.86	......	9.42	......	2.04	......	2.58	......	44.44	......
Nashville	2.57	......	4.32	......	3.74	......	8.31	......	1.81	......	9.28	......	4.99	......	2.58	......	3.81	......	2.87	......	2.26	......	5.44	......	51.98	......
Newport	3.03	−2.21	1.41	−1.83	1.16	−3.26	4.30	−0.68	1.05	−3.31	4.31	+0.39	7.92	+4.83	6.56	+2.64	1.45	−2.28	7.26	+3.73	1.94	−1.70	5.99	+1 78	46.36	− 1.92
Oden	2.85	−1.65	5.27	+1.62	1 99	− 1.73	5.51	+0.03	2.23	−2.60	6.80	+3 30	4.82	+1.51	5.45	+2.46	6.79	+4.07	7.51	+4.64	2 41	−1.80	2.97	−0.83	54.60	+ 9.02
Okay	3 75	−1.43	4.39	+0.44	5.21	+1.34	9.42	+5.66	1.80	−2.62	5.09	+2.01	4.30	+0.31	2.94	+0.46	3.83	+1.33	2.92	+0.07	2.94	−1.69	5.44	+0.70	52.03	+ 6.58
Osceola	2.99	......	0.74	......	0.74	......	2.77	......	0.51	......	0.66	......	1.90	......	3.10	......	0.46	......	5.15	......	1.28	......	3.11	......	25.32	......
Ozark	4.78	+1.69	4.10	+1.40	0.96	−2.89	4.19	−0.43	3.08	−2.29	4.50	+0.05	2.80	−0.39	4.34	+0.53	5.74	+2.35	9.38	+6.11	1.74	−1.35	2.86	−0.53	48.47	+ 4.25
Paragould	2 72	−2.56	0.85	−2.88	1.49	−4.29	2.51	−2.21	0.60	−4.20	1.30	−2.76	4.32	+1.24	3.74	−0.23	0.84	−1.93	5.31	+2.39	1.54	−1.91	4.04	−0.49	29.29	−19.83
Parkin	3.20	−3.12	1.84	−2.22	1.97	−3.43	3.75	−0.27	0.67	−2.85	1.55	−2.20	6.17	+2.41	6.11	+3.23	0.48	−2.48	6.04	+2.91	1.45	−2.64	4.13	−1.09	37.36	−11.76
Perryville	3.38	−1.02	3.69	+0.27	1.46	−2.40	4.64	−0.62	2.54	−3.20	4.80	−0.10	1.93	−2.32	4.02	−0 03	4.77	+1.27	10.70	+7.20	2.06	−1.54	4.36	+0.38	48 35	− 2.11
Pine Bluff	3.13	−2.06	3.10	−0.81	3.30	−1.87	8.03	+2.52	1.60	−3.07	2.22	−1 70	9.23	+5.67	3.89	+0.46	1.83	−1.78	3.74	+0.44	2.13	−1.87	2.46	−3.10	44.66	− 7.17
Pine Ridge	2.88	−1.72	5.25	+1.71	1.88	−2.87	5.63	+0.17	2.81	−2.46	5.59	+1.10	8.23	+4.60	6.16	+3.78	5.79	+2.82	9.60	+4.92	2.38	−1.87	2.57	−1.88	58 77	+ 8.30
Pocahontas	3.53	−1.02	0.79	−2.55	1.45	−2.91	3.36	−1.49	2.26	−2.62	1.62	−2.74	2.85	−1.26	4.53	−0.32	2.17	−1.51	8.11	+4.67	1.87	−1.64	4.11	+0.08	36.63	−13.31
Portland	3.78	−0.91	4.09	−0.08	5.02	−0.15	3.96	−0.77	0.97	−4.38	4.25	+0.78	4.70	+0.60	3.15	−0.06	2.17	−0 32	12 09	+9.24	3.55	−0.38	1.09	−5.08	48.82	− 1.51
Prescott	3.57	−1.17	4.56	+0.86	5.26	+0.76	6.09	+1.17	5.04	−0.01	3.47	−0.78	6.00	+2.01	2.01	−1.30	3.28	− 0.07	5.84	+2.74	2.86	−0.77	4.20	−0.35	52.18	+ 3.09
Rogers	4.45	+1.79	1.90	+0 03	0 75	−2.65	8 29	+3.85	0.41	− 4.65	5.62	+0.50	0.80	−3.64	5.45	+1.55	4 06	+0.27	13.95	+10.72	2.69	−0.23	2.30	−0.04	50.67	+ 7.50
Rosebud ‡‡	3.15	......	1.94	......	1.43	......	4.16	......	2.38	......	4.37	......	4.39	......	2.45	......	5.31	......	8.19	......	2.29	......	5.98	......	46.04	......
Russellville	5 08	+1.63	4.29	+1.01	1.43	−3.45	5.25	+1.25	3.55	−2.04	5.88	+1.80	4.00	−0.27	3.78	+0.35	3.97	−0.08	11.13	+8.37	1.96	−1.99	3.99	+0.98	54 31	+ 7.56
St. Charles	4.27	......	2.43	......	2.26	......	6.36	......	0.69	......	3.44	......	7.46	......	4.35	......	2.43	......	4.66	......	2.54	......	1 75	......	42.64	......
St. Francis	2.91	−3.23	1.41	−2.02	2.01	−3.39	2.72	−1.34	2.01	−1.94	2 81	−1.17	4.64	+0.32	3.66	−0.58	1.08	−3.88	8.26	+4.24	1.64	−2.14	4.88	+0.51	38.03	−14.62
Searcy	2.30	−2.49	2.39	−0.94	1.22	−2.84	4.26	−0.07	3.00	−1.44	3.78	−0.22	4.98	+2.07	2.75	−1.30	2.45	−0.98	6.34	+3.20	2 29	−1.59	5.92	+1.68	41.68	− 4.92
Springbank	2.31	−1.70	4.24	+0.84	6.24	+1.85	7.56	+2.31	5.80	+1.27	5.83	+2.17	2.80	−1.40	1.23	−1.87	4.81	+1.84	3.79	+1.12	5.98	+2.17	4.89	−0.03	55.48	+ 8.57
Story	3.06	−0.96	1 45	−2.01	2.15	−2.13	4.88	−1.28	2.40	−2.67	5 79	+2.16	5.07	+1.47	4.03	+1.19	4.49	+1.55	7.31	+3.46	2.32	−1.64	4.31	−0.78	47.26	− 1 64
Stuttgart	3.07	−1.97	2.97	−1.01	1.98	−3.01	6.44	+1.37	2.22	−2.63	3.42	−0.33	5.61	+2.17	4.48	+1.09	1.32	−2.18	4.13	+0.68	2.04	−1.78	2.59	−2.53	40.27	+10.13
Stuttgart (Evap.)	3.27	......	2.46	......	2.00	......	5.15	......	1.10	......	2.84	......	5.74	......	4.99	......	1.21	......	6.46	......	2.21	......	2.40	......	39.83	......
Subiaco	4.24	+0.63	3 85	+1.00	1.40	−2.33	4.82	+0.24	2.06	−3.21	4.36	+0.33	7.07	+3.70	4.87	+1.08	5.43	+2.00	9.81	+6.35	1.64	−1.45	2.73	−0.54	52.28	+ 7.80
Texarkana	2.62	−1.46	4.33	+0.95	6.34	+2.08	7.58	+2.62	3.87	−0.73	4.62	+0.76	6.49	+2.33	4.20	+0.58	4.08	+1.34	4 34	+0.91	2.77	−0.65	6.22	+1.87	57.46	+10.60
Turnpike	4.88	+0.32	3.45	+0.43	0.82	−3.67	4.45	−0.81	3.17	−2.55	3 95	−0 95	5.49	+1.76	5.45	+1.42	4.56	−0.59	12.94	+7.63	3.12	−0.69	2.57	−1.68	54.85	+ 0.02
Wabash	3.24	......	1.58	......	2.89	......	6.01	......	0.84	......	2.28	......	6.73	......	6.71	......	3.09	......	4.94	......	2.87	......	1.52	......	42.70	......
Waldron	2.69	−1.14	3.19	−0 36	0.91	−3.36	3.83	−1.93	2.05	−3.95	5.80	+1.18	1.83	−1.85	4.09	+0.38	4.78	+1.61	9.00	+5.51	2 54	−0.79	2 81	−0.82	43.52	− 5.52
Warren	4.81	−0.01	4.00	−0.25	5.10	−0.09	5.64	+0.47	3.00	−1.70	1.81	−1.91	7 17	+3.40	2.90	−0.63	1.12	−2.92	5.70	+2.17	2.51	−1.52	1.91	−4.02	45.67	− 7.01
Whitecliffs	4.02	+0.12	4.74	+1.59	5.62	+1.43	10.23	+5.19	2.72	−1.66	7.75	+4.19	2.82	−0.23	3.33	+0.66	3.62	+1.03	3.37	+0.30	2.10	−0.93	6.62	+2.60	56.94	+14.29
White Rock	4.27	......	3.66	......	0.81	......	5.30	......	2.59	......	3.49	......	4.01	......	5.69	......	5.51	......	14.38	......	2.08	......	3.53	......	55.32	......
Wilson	2.83	−2.84	1.41	−1.74	1.12	−4.29	2.90	−2 39	0.74	−4.26	0.66	−2.65	1.82	−2.20	7.58	+3.66	0.07	−2.09	5.13	+1.82	1.38	−2.76	3.24	−1.78	28.88	−21.52
Wright	2.72	......	3.46	......	1.54	......	6.21	......	1.13	......	1.18	......	6.12	......	4.37	......	3.42	......	5.59	......	1.47	......	3.79	......	41.06	......
Wynne	3.44	−1.72	1.97	−1.71	1.69	−3.16	4.13	−1 09	0.70	−4.02	2.52	−1 38	5.35	+1.63	4.99	+1.28	0.69	−2.82	4.59	+0.90	1.50	−2.41	2.93	−1 92	34.50	−16.42

Monthly Precipitation for Year, 1941 Hydrological Stations

Station	Drainage Basin	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Abbott [2]	Arkansas	......	......	......	......	......	......	......	4.94	5.57	6.32	1.26	1.86	......
Beech Grove(near)	White	......	......	......	......	......	1.74	5.63	5.85	0.77	......	1.76	5.71	......
Beedeville [2]	White	2.66	1.97	1.05	4.27	1.90	4.06	6.76	5.61	2.31	4.15	1.92	4.23	40.89
Blue Mountain [2]	Arkansas	3.00	3.00	1.30	......	1.60	......	1.79	1.65	3.55	5.65	0.75	2.25	......
Booneville	Arkansas	......	......	1.55	4.91	1.42	4.32	3.30	5.27	5.35	7.02	1.12	1.08	......
Carlisle	Arkansas	3.88	2.78	2.10	5.53	2.63	4.30	4.15	8.27	0.91	5.68	1.67	1.88	43.78
Corley [2] (near)	Arkansas	4.85	4.17	1.80	4.00	3 16	4.52	3.50	4.87	6.79	7.80	2.38	1.88	49.72
Denmark [2]	White	3.36	1.86	1.08	4.35	1.92	3.23	5.51	2.98	2.74	7.48	2.29	5.80	42.60
Dermott [2]	Mississippi	3.93	3.15	4.97	3.68	0.83	2.86	8.69	3.25	2.50	8.54	2.36	2.51	47.27
Dutch Creek CCC	Arkansas	0.57	2.54	1.48	4.78	1.83	5.20	3.71	......	......	7.65	2.55	3.64	......
Eagle Gap [2]	Arkansas	1.79	5.84	1.94	6.25	1.68	6.50	6.46	4.69	8.03	15.08	3.30	3.94	65.50
Eleven Point[2]	White	2.45	0.62	1.26	3.00	2.08	1.05	5.85	4.55	4.25	10.29	2.32	3.78	41.50
Evening Shade[2]	White	3.51	1.21	0.77	2.44	2.43	2.03	2.68	2.08	3.83	10.77	2.70	3.22	37.67
Forrester [2]	Arkansas	0.59	3.07	2.01	5.76	2.34	4.52	......	1.50	5.40	10.80	1.70	3.30	......
Gravelly.[2]	Arkansas	2.27	2.87	1.20	3.76	3.14	5.31	2.84	3.59	3.09	6.16	1.60	2.49	38.32
Green Forest [2]	White	4.30	2.70	1.20	6.70	......	......	......	......	......	......	1.66	3.14	......
Greenwood[2]	Arkansas	4.08	3.73	0.84	4.06	1.74	5.56	......	2.58	4.27	8.23	1.70	3.05	......
Harrisburg [2]	St. Francis	2.69	1.13	1.32	4.45	......	1.67	4.24	5.23	0.56	4.40	1.63	3.68	......
Hollis (near)	Arkansas	1.99	3.74	1.69	2.63	3.42	4.99	3.45	4.35	3.93	6.30	1.87	4.97	43.33
Hon[2] (near)	Arkansas	......	......	......	......	......	5.72	3.61	3.82	4.30	9.01	2.32	3.27	......
Huttig [2](near)	Ouachita	4.31	......	5.36	3.60	1.49	4.05	5.59	2.06	2.11	8.62	3.68	1.50	......
LaCrosse [2]	White	3.81	1.49	0.63	1.54	2.23	1.41	3.07	2.32	2.27	9.74	1.94	3.00	33.45
Lake City[2]	St. Francis	2.66	0.85	1.44	3.61	0.60	1.57	2.47	2.33	0.94	4.45	1.92	3.28	26.12
Marshall [2]	White	4.45	2.10	0.68	......	2.62	2.85	3.95	5.72	5.82	12.43	2.79	2.10	......
Marvell[2]	White	2.60	3.70	1.89	......	1.59	6.01	5.08	......	1.54	4.93	......	......	......
Mena CCC	Red	2.93	4.22	2.38	6.07	......	5.55	3.75	2.98	4.57	10.15	2.97	3.63	......
Morobay [2] (near)	Ouachita	3.84	......	4.97	5.18	2.41	3.43	8.46	1.49	2.31	6.34	3.02	7.34	......
Mountain View [2]	White	3.71	1.96	0.58	2.15	1.23	3.59	7.16	7.18	3.74	10.24	2.60	3.05	47.19
Newhope(near) [2]	Ouachita	2.26	4.59	2.80	7.50	......	7.83	5.75	2.92	7.42	7.08	1.33	6.66	......
Odell (near)[2]	Arkansas	6.73	3.25	0.46	8.05	1.04	5.32	3.12	5.52	3.71	12.01	2.82	2.70	54.73
Pottsville[2](near))	Arkansas	2.24	2.54	0.65	4.49	2.29	2.77	3.78	......	......	8.45	......	3.29	......
St. Paul[2](near)	White	4.41	4.31	0.93	5.26	2.59	3.94	2.40	4.41	6.03	14.34	2.37	3.67	54.66
St. Vincent	Arkansas	......	......	......	......	......	5.51	4.83	4.32	5.68	10.58	1.84	3.60	......
Shirley [2](near)	White	4.82	1.80	0.82	3.59	1.76	4.83	4.98	3.73	4.37	11.18	2.37	4.20	48.45
Solgahachie (near)	Arkansas	3.02	3.87	......	......	1.99	4.63	2.72	5.23	......	6.94	2.04	4.26	......
Sparkman [2](near)	Ouachita	4.00	3.99	5.06	9.59	2.69	2.69	7.15	2.72	1.55	5.11	2.79	3.60	50.94
Stamps[2](near)	Red	......	......	......	......	......	3.11	4.63	1.98	2.43	6.96	4.94	4.52	......
Stephens [2] (near)	Ouachita	2.15	......	5.60	7.98	4.86	2.17	5.91	2.87	2.03	6.08	3.99	3.23	......
Tichnor [2]	White	3.48	3.31	3.67	6.23	0.63	1.33	9.23	3.40	2.84	5.55	3.19	1.49	44.95
Vick [2]	Ouachita	3.81	4.21	5.03	2.84	1.75	1.75	3.90	......	......	......	......	......	......

Monthly and Annual Mean Temperatures for the Year 1941, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	44.2	......	40.8	......	46.8	......	63.0	......	70.4	......	74.7	......	80.4	......	79.3	......	74.9	......	67.9	......	50.1	......	44.3	......	61.4	......
Arkadelphia	44.8	......	43.4	......	48.8	......	64.4	......	73.2[c]	......	76.8	......	81.6	......	82.4	......	77.2	......	70.2	......	51.0	......	45.2	......	63.2	......
Batesville (Airway)	41.2	+ 2.8	39.3	− 1.5	47.6	− 2.6	63.2	+ 4.4	71.1	+ 4.1	77.4	+ 2.0	81.2	+ 1.4	80.4	+ 1.4	75.0	+ 2.4	66.2	+ 5.6	48.6	− 4.8	43.5	+ 3.5	61.2	+ 1.9
Bee Branch	42.8	+ 1.8	39.6	− 3.2	46.8	− 5.0	62.8	+ 1.8	69.9[a]	+ 1.6	74.8	− 2.1	80.6	0.0	78.8	− 0.9	72.8	− 1.4	65.6	+ 3.1	46.0	− 4.8	40.4	− 1.6	60.1	− 0.9
Benton	42.2	....	40.0	......	45.4	......	62.0	......	70.8	......	75.4	......	80.8	......	80.2	......	75.0	......	66.8	......	49.6	......	42.0	......	60.8	......
Bentonville	40.2	+ 4.0	37.2	− 2.4	43.5	− 4.9	61.0	+ 3.4	69.9	+ 4.4	73.2	− 0.2	79.6	+ 2.2	77.8	+ 1.0	71.4	+ 0.6	63.6	+ 4.7	47.4	− 0.8	42.6	+ 4.6	59.0	+ 1.2
Blytheville	40.6[a]	− 1.4	39.2	− 6.0	46.2	− 5.4	64.4	+ 2.8	73.0[a]	+ 2.8	78.4	+ 0.6	82.3	+ 0.3	81.6	+ 2.0	76.8	+ 2.4	68.1	+ 4.7	49.7	− 1.7	43.9	+ 1.3	62.0	+ 0.2
Booneville	43.5	+ 1.7	40.8	− 5.4	47.8	− 5.4	63.6	+ 1.4	71.2	+ 1.4	75.4	− 0.8	80.9	− 1.1	80.5	− 1.6	75.6	0.0	68.5	+ 4.5	50.2	− 2.4	44.9	+ 1.1	61.9	− 0.6
Brinkley	45.4	+ 3.0	41.4	− 2.8	49.4	− 3.9	64.8	+ 2.8	72.0	+ 2.0	77.5	− 0.3	81.4	+ 0.3	81.4	+ 1.0	75.9	+ 1.1	68.3	+ 5.7	50.8	− 1.1	46.4	+ 2.6	62.9	+ 0.9
Camden	48.0	+ 4.0	44.9	− 2.3	51.3	− 4.2	66.4	+ 3.0	73.4	+ 2.6	78.9	+ 0.5	82.4	+ 1.2	82.6	+ 2.0	77.8	+ 2.3	72.8	+ 8.9	52.2	0.0	48.0	+ 3.0	64.9	+ 1.8
Conway	44.6	+ 2.4	41.4	− 3.0	48.8	− 5.0	64.0	+ 1.9	71.2	+ 1.2	76.4	− 1.9	82.6	+ 0.6	83.0	+ 1.4	77.9	+ 2.6	70.7	+ 7.2	51.4	− 0.5	45.2	+ 2.4	63.1	+ 0.8
Corning	40.8	+ 2.6	39.2	− 0.8	46.4	− 4.3	64.5	+ 4.5	72.0	+ 4.0	78.0	+ 2.0	82.0	+ 2.2	81.2	+ 2.7	75.2	+ 2.6	66.8	+ 6.8	47.4	− 1.2	43.0	+ 3.1	61.4	+ 2.0
Crossett	47.6	+ 1.4	43.8	− 5.6	50.5	− 4.9	64.2	− 0.6	70.6	− 1.2	77.0	− 2.4	80.2	− 2.2	81.3	− 0.7	76.6	+ 1.1	71.0	+ 5.2	50.6	− 3.4	47.2	+ 0.6	63.4	− 1.0
Dardanelle	45.0	+ 3.6	41.8	− 3.0	50.0	− 2.8	65.6	+ 3.3	73.2	+ 3.4	77.6	− 0.6	83.1	+ 1.1	82.2	+ 1.4	77.0	+ 1.8	69.4	+ 6.0	50.6	− 1.3	45.0	+ 2.6	63.4	+ 1.3
De Queen	47.3[a]	......	44.4	......	49.9	......	64.6	......	72.5	......	75.8	......	81.0	......	81.2	......	78.2	......	......	......	......	......	......	......	......	......
Devils Knob	39.6	......	36.0	......	42.8	......	59.6	......	68.0	......	71.8	......	77.6	......	76.2	......	70.4	......	63.0	......	47.6	......	41.6	......	57.8	......
Dumas	46.7	+ 1.8	43.6	− 5.4	50.4	− 4.9	65.7	+ 2.1	74.2	+ 3.0	79.8	+ 0.4	83.6	+ 1.3	84.0	+ 2.5	78.2	+ 2.1	71.7	+ 6.5	51.6	− 2.1	47.1	+ 0.5	64.7	+ 0.7
El Dorado	49.4	+ 3.0	46.2	− 2.8	51.0	− 5.2	66.8	+ 2.0	73.6	+ 2.2	79.4	− 0.2	82.8	+ 0.4	83.7	+ 1.5	78.5	+ 1.3	72.8	+ 6.8	53.2	− 2.0	48.2[k]	+ 1.4	65.5	+ 0.7
England	45.0	+ 1.6	42.5	− 3.3	49.2	− 5.2	64.6	+ 1.8	71.4	+ 1.6	77.6	− 0.4	82.0	+ 0.4	79.4	− 1.4	75.6	+ 0.2	69.4	+ 5.4	51.2	− 2.0	46.4	+ 2.4	62.9	+ 0.1
Eureka Springs	41.2	+ 2.6	38.5	− 2.7	45.0	− 5.1	62.4	+ 3.4	70.0	+ 3.6	73.2	− 1.2	81.3	+ 2.7	78.4	0.0	72.0	0.0	64.8	+ 4.0	49.6	− 1.3	43.4	+ 3.6	60.0	+ 0.8
Fayetteville	41.4	......	38.1	......	45.4	......	62.0	......	70.2	......	73.6	......	80.3	......	78.2	......	72.8	......	65.6	......	48.3	......	43.4	......	59.9	......
Fayetteville Exp.	41.4	+ 3.0	37.8	− 2.6	44.3	− 5.2	61.6	+ 3.2	70.0	+ 3.8	73.8	− 0.6	80.8	+ 2.4	78.5	+ 0.3	72.9	+ 0.8	65.4	+ 4.6	49.4	− 0.1	43.0	+ 3.0	59.9	+ 1.0
Fort Smith	43.2	+ 3.7	41.0	− 1.8	48.0	− 4.6	64.4	+ 2.6	73.4	+ 3.8	77.2	− 0.3	83.4	+ 1.9	81.2	+ 0.7	76.8	+ 2.8	68.5	+ 5.7	50.8	− 0.2	45.6	+ 3.5	62.8	+ 1.5
Gilbert	38.6	......	37.6	......	42.6	......	60.0	......	67.2	......	73.5	......	80.0	......	78.8	......	71.4	......	65.4	......	46.6	......	40.4	......	58.5	......
Grannis	45.2	+ 3.2	42.6	− 3.0	47.6	− 3.8	62.4	+ 2.0	70.4	+ 3.4	73.6	− 1.8	78.8	− 0.6	78.8	− 0.6	74.4	+ 0.8	67.8	+ 5.0	49.8	− 1.2	44.6	0.0	61.3	+ 0.3
Gravette	40.8	+ 3.7	38.6	− 0.5	43.8	− 2.2	62.4	+ 5.2	70.2	+ 4.8	73.8	+ 0.1	81.1	+ 3.3	79.4	+ 1.8	73.6	+ 2.8	65.2	+ 5.5	48.3	− 0.7	42.8	+ 4.6	60.0	+ 2.4
Green Mountain	41.1	......	38.0	......	45.3	......	60.6[k]	......	70.9	......	75.2	......	79.8	......	79.0	......	73.6	......	65.4	......	49.6	......	45.1	......	60.3	......
Harrison	40.4	+ 3.5	37.5	− 1.5	44.4	− 4.2	61.5	+ 4.0	70.0	+ 4.2	75.5	+ 2.1	82.2	+ 4.8	80.4	+ 3.4	73.8	+ 3.6	65.2	+ 5.8	47.5	− 1.2	43.2	+ 5.2	60.1	+ 2.4
Helena	44.4	+ 1.2	40.8	− 4.3	48.2	− 5.4	64.8	+ 2.1	72.2	+ 1.4	77.0	− 1.4	80.0	− 1.6	80.2	− 0.4	76.0	+ 0.6	69.4	+ 5.8	50.5	− 2.5	46.4	+ 1.8	62.5	− 0.2
Highland	48.0[d]	+ 2.3	44.6	− 3.0	49.8	− 6.0	64.5	+ 2.0	72.4[b]	+ 1.7	77.9	− 1.4	82.4	− 0.8	81.4	− 1.9	76.0	− 1.9	70.0	+ 2.9	54.0	+ 0.5	47.6	− 0.1	64.0	− 0.5
Hope	45.5	− 0.2	42.6	− 5.8	48.5	− 8.1	64.2	+ 0.2	72.2	+ 1.2	76.6	− 2.4	81.9	+ 0.1	82.0	− 0.4	76.8	+ 0.2	70.2	+ 4.3	50.4	− 3.8	45.6	− 1.4	63.0	− 1.3
Hot Springs	45.0	− 1.4	41.7	− 5.3	49.4	− 4.3	65.6	+ 2.8	73.5	+ 3.7	77.2	− 1.0	82.4	+ 0.6	82.8	+ 1.7	77.8	+ 2.1	69.4	+ 5.0	50.8	− 2.0	46.5	+ 2.4	63.5	+ 0.6
Irons Fork	41.1	......	38.6	......	45.1	......	61.0	......	68.1	......	71.8	......	77.1	......	78.2	......	73.7	......	66.0	......	48.2	......	41.8[h]	......	59.2	......
Jonesboro	41.9	+ 1.3	39.8	− 2.6	47.6	− 4.6	64.6	+ 3.2	72.4	+ 2.9	78.1	+ 0.4	82.0	+ 1.4	81.7	+ 1.6	75.9	+ 1.4	68.2	+ 5.6	49.2	− 2.0	44.4	+ 3.0	62.2	+ 1.0
Lead Hill	38.0	− 0.4	37.2	− 1.2	43.4	− 5.4	60.2[b]	+ 0.8	67.8	+ 0.4	74.3	− 1.1	81.0	+ 0.8	80.0	+ 1.2	72.8	+ 0.6	65.6	+ 4.8	47.1	− 1.3	41.9	+ 2.1	59.1	+ 0.1
LITTLE ROCK	44.3	+ 2.9	41.0	− 3.9	47.8	− 5.2	64.7	+ 2.6	72.5	+ 2.2	77.0	− 0.4	81.4	+ 0.5	81.4	+ 1.6	76.1	+ 2.0	68.7	+ 5.1	51.2	− 0.9	45.8	+ 1.6	62.7	+ 0.7
Little Rock (Airway)	43.4	......	40.8	......	47.6		63.6	......	72.0	......	77.1	......	81.8	......	81.7	......	76.0	......	68.6	......	50.4	......	44.8	......	62.3	......
Lutherville	43.4	+ 3.1	39.6	− 2.8	46.8	− 4.8	62.4	+ 2.1	70.6	+ 2.6	74.2	− 1.9	79.8	− 0.3	79.0	− 0.7	74.1	+ 0.1	67.0	+ 4.7	49.3	− 1.7	43.5	+ 2.1	69.8	+ 0.2
Magnolia	49.4	+ 1.8	46.1	− 5.3	53.4[c]	− 3.4	67.1	+ 2.5	74.2	+ 2.8	78.4	− 1.0	83.2	+ 0.6	83.7	− 1.2	79.6	+ 3.0	73.4	+ 6.5	54.6	− 0.4	49.8	+ 1.8	66.1	+ 0.9
Mammoth Spring	41.4	+ 3.6	37.8	− 2.5	45.8	− 4.0	62.6[a]	+ 3.4	69.9[b]	+ 3.9	75.9	+ 1.5	81.2	+ 2.6	80.4	− 2.9	74.4	+ 3.0	66.0	+ 6.8	47.0	− 1.7	42.1	+ 2.7	60.4	+ 1.9
Marianna	42.8[a]	+ 0.3	39.5	− 6.3	48.0	− 6.0	64.0	+ 1.7	72.0	+ 1.8	77.2	− 1.4	80.4	− 0.8	80.1	+ 0.1	75.4	+ 1.3	69.4	+ 5.9	51.1	− 1.2	46.3	+ 2.6	62.2	− 0.2
Marked Tree	39.9[a]	+ 0.4	38.4	− 5.2	44.8	− 5.6	62.1	+ 0.9	70.0	+ 1.0	....	......	81.8	+ 0.7	80.6	+ 1.4	75.0[h]	+ 1.4	67.8	+ 6.6	48.2	− 1.0	42.8	+ 1.6	....	......
Mena	44.8	+ 3.2	41.6	− 2.6	47.7	− 4.6	63.6	+ 2.1	71.7	+ 3.1	75.6	− 1.6	81.0	+ 0.8	80.4	+ 0.5	75.2	+ 1.2	67.6	+ 4.6	51.1	− 1.1	44.8	+ 2.2	62.0	+ 0.6
Monticello (Airway)	47.0[a]	......	43.6	......	49.7	......	65.6	......	73.2	......	78.6	......	81.8	......	82.8[a]	......	78.1	......	71.6	......	52.4	......	48.4	......	64.4	......
Morrilton	41.4	+ 0.1	39.8	− 5.6	44.4[f]	− 6.4	62.6[a]	+ 0.4	71.6	+ 2.6	76.4	− 2.2	81.8	− 1.1	81.2	− 0.7	75.4	+ 0.4	68.5	+ 5.3	49.3	− 1.6	44.3	+ 0.6	61.4	− 0.7
Mountain Home	40.5	+ 2.4	38.8	− 3.5	45.4	− 4.6	62.4	+ 3.5	69.6	+ 3.5	75.0	0.0	81.1	+ 1.9	80.0	+ 2.0	73.6	+ 1.9	64.4	+ 3.9	48.1	− 0.5	42.1	+ 1.7	60.1	+ 1.0
Mount Ida	43.8	+ 2.4	41.7	− 3.9	46.4	− 5.8	62.9	+ 1.7	69.7	+ 1.7	74.2	− 1.8	80.2	+ 0.2	80.2	+ 0.8	74.5	+ 1.3	68.8	+ 7.0	49.9	− 0.7	43.6	+ 0.8	61.3	+ 0.3
Nashville	46.8	......	44.0	......	49.4	......	65.2	......	73.4	......	77.0	......	81.7	......	82.0	......	77.8	......	71.2	......	51.6	......	46.6	......	63.9	......
Newport	43.2	+ 3.4	40.7	− 1.3	48.0	− 4.3	64.8	+ 2.8	72.2	+ 2.4	77.5	− 0.4	81.7	+ 0.4	81.6	+ 1.6	75.9	+ 1.7	69.2	+ 7.2	51.0	0.0	45.4	+ 3.2	62.7	+ 1.5
Oden	42.4	......	39.8	......	45.2	......	62.2	......	70.0	......	73.1[d]	......	81.3	......	80.4[b]	......	75.4	......	68.4	......	50.6	......	44.6	......	61.1	......
Okay	48.2	+ 3.4	45.6	− 3.7	51.4	− 4.9	66.1	+ 2.0	73.4	+ 2.7	77.8	− 0.2	82.6	− 0.3	82.6	− 0.2	78.2	+ 1.0	72.0	+ 6.2	52.4	− 0.3	47.8	+ 0.8	64.8	+ 0.4
Ozark	42.5	+ 1.7	40.0	− 3.4	47.6	− 4.8	63.5	+ 1.5	70.3	+ 0.7	74.0	− 3.9	79.8	− 2.3	79.0	− 2.7	73.8	− 1.9	66.4	+ 2.9	48.4	− 3.0	44.2	+ 3.0	60.8	− 1.0
Paragould	41.1	......	38.4	......	46.2	......	62.6	......	71.2	......	77.2	......	80.8	......	80.0[h]	......	72.8[d]		66.6	......	47.5	......	43.2	......	60.6	......
Perryville	41.6	+ 0.9	39.2	− 5.2	44.9	− 6.8	62.2[c]	+ 2.0	71.6	+ 4.2	76.8	+ 1.4	82.2	+ 2.4	81.5	+ 2.3	76.4	+ 3.8	68.6	+ 6.9	50.1	− 0.7	44.2	+ 3.1	61.6	+ 1.4
Pine Bluff	46.4	+ 2.5	43.6	− 2.9	50.5	− 4.3	65.6	+ 2.0	72.7	+ 1.3	77.8	− 1.4	81.4	− 1.0	82.5	+ 0.7	78.8	+ 3.6	71.6	+ 7.0	52.4	− 0.9	47.4	+ 2.3	64.2	+ 0.7
Pocahontas	41.1	+ 2.2	39.2	− 2.4	47.0	− 4.0	64.2	+ 4.0	71.0	− 2.7	77.2	+ 0.6	82.0	+ 1.6	81.4	+ 2.0	75.2	+ 1.8	66.9	+ 5.2	48.1	− 2.0	42.9	+ 2.7	61.4	+ 1.2
Portland	47.5	+ 0.5	43.8	− 5.9	50.0	− 6.7	66.6	+ 2.0	73.4	+ 1.8	78.4	− 1.0	81.6	− 0.2	81.2	− 0.2	76.0	− 0.3	71.6	+ 6.7	54.4	+ 0.1	51.1	+ 3.5	64.6	0.0
Prescott	48.0	+ 3.4	45.1	− 2.3	52.0	− 3.6	66.6	+ 3.1	74.0	+ 3.6	78.6	− 0.2	83.0	+ 0.9	83.6	+ 2.0	78.4	+ 2.2	74.2	+ 9.3	52.3	− 1.9	47.2	+ 1.4	65.2	+ 1.4
Rogers	40.4	+ 3.0	37.4	− 2.1	43.8	− 5.2	61.4	+ 2.9	69.6	+ 3.8	72.8	− 0.8	80.8	+ 3.2	77.8	+ 0.4	71.7	+ 0.5	64.8	+ 5.0	47.8	− 1.2	42.0	+ 3.0	59.2	+ 1.0
Russellville	44.1	+ 4.5	41.2[a]	+ 0.1	48.2	− 4.1	64.4	+ 3.4	72.2	+ 2.6	76.4[a]	− 1.2	82.3	+ 1.1	81.5	+ 1.6	75.8	+ 2.4	69.0	+ 2.4	50.6[c]	+ 0.8	45.2	+ 4.7	62.6	+ 1.6
St. Charles	44.0	......	41.8	......	48.4	......	64.8	......	72.6[b]	......	77.8	......	81.6	......	81.5	......	75.6	......	69.2	......	50.7	......	45.9	......	62.8	......
Searcy	43.5	+ 2.7	40.6	− 4.5	48.1	− 4.1	64.0	+ 2.3	71.8	+ 3.3	76.7	− 0.6	81.5	+ 0.5	81.4	+ 1.3	75.8	+ 1.5	67.6	+ 5.0	49.4	− 1.6	44.6	+ 1.8	62.1	+ 0.7
Stuttgart	44.6	+ 1.6	41.2	− 4.0	49.0	− 4.8	64.2	+ 1.8	72.4	+ 2.5	76.6	− 1.4	82.1	+ 0.9	81.8	+ 1.1	76.8	+ 1.7	69.6	+ 6.2	49.9	− 2.5	45.4	+ 1.4	62.8	+ 0.4
Stuttgart (Evap)	43.2	......	40.6	......	47.3	......	63.9	......	71.1	......	77.7	......	81.3	......	80.7	......	75.6	......	69.0	......	49.7[a]	......	45.4	......	62.1	......
Subiaco	43.8	+ 2.1	40.8	− 3.0	48.0	− 5.0	64.0	+ 2.2	71.9	+ 2.0	76.4	− 1.4	81.8	− 0.2	81.4[c]	− 0.2	76.6[a]	+ 2.3	69.2[a]	+ 5.6	51.0[b]	− 1.8	45.2	+ 2.5	62.5	+ 0.4
Texarkana	49.6	+ 3.3	46.2	− 2.2	52.2	− 4.0	66.4	+ 2.2	74.4	+ 3.0	77.8	− 1.3	81.6	− 0.9	82.8	+ 0.5	77.8	+ 1.0	71.2	+ 5.4	53.1	− 2.1	48.8	+ 1.9	65.1	+ 0.5
Turnpike	40.2	......	36.6	......	43.5	......	59.8	......	65.8	......	70.0	......	76.3	......	76.6	......	71.1	......	63.6	......	48.4	......	42.0	......	57.8	......
Waldron	44.6[h]	......	41.8[a]	......	48.4[d]	......	63.8[a]	......	71.5[a]	......	76.0	......	80.8[i]	......	81.2[a]	......	75.3[d]	......	68.0[a]	......	49.4[a]	......	43.6[c]	......	62.0	......
Warren	48.5	+ 3.1	42.6[c]	− 4.6	51.6	− 4.4	66.2	+ 2.6	73.2	− 1.8	78.8	− 0.5	82.7	+ 0.3	83.5	+ 1.9	79.0	+ 2.9	72.1	+ 7.7	52.3	− 1.5	48.6	+ 3.4	64.9	+ 1.0
White Rock	39.8	......	37.0	......	43.8	......	60.4	......	68.0	......	71.8	......	77.6	......	76.2	......	70.9	......	63.2	......	47.7	......	42.2	......	58.2	......
Wilson	41.8	+ 0.1	39.1	− 6.1	46.2	− 5.9	64.1	+ 3.1	72.8	+ 3.4	78.0	+ 1.1	81.8	+ 1.0	80.7	+ 2.1	75.2	+ 1.4	68.4	+ 5.6	48.4	− 2.1	46.0	+ 4.2	61.9	+ 0.7
Wynne	44.1	+ 3.0	41.2	− 3.1	48.3	− 3.3	65.4	+ 4.0	71.8	+ 2.5	77.4	− 0.4	81.2	+ 0.1	80.6	+ 0.6	76.6	+ 2.1	69.1	+ 6.6	50.4	− 0.4	45.2	+ 3.2	62.6	+ 1.2

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

Monthly and Annual Evaporation, Mean temperature and Wind (miles per hour) for year 1941

Year	Data	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Hope	Evaporation	2.453	2.849	4.640	6.074	6.878	7.138	8.202	8.538	6.225	4.043	2.400	2.018	61.458
	Mean temperature	45.5	42.6	48.5	64.2	72.2	76.6	81.9	82.0	76.8	70.2	50.4	45.6	63.0
	Wind movement	1.9	2.5	2.5	2.1	1.4	1.5	1.3	1.2	1.5	1.4	1.7	1.8	1.6
Irons Fork	Evaporation	0.789	0.925	2.344	3.705	4.070	3.722	4.274	4.185	3.569	1.565	0.698	0.575	30.421
	Mean temperature	41.1	40.5	45.1	61.0	68.1	71.8	77.1	78.2	73.7	66.0	48.2	41.8[h]	59.2
	Wind movement	0.4	0.4	0.9	1.1	0.5	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5
Russellville	Evaporation	1.815	1.900	3.304	5.356	6.520	6.981	7.304	6.973	5.802	3.477	1.752	1.387	52.571
	Mean temperature	41.1	41.1	48.2	64.4	72.2	76.4[a]	82.3	81.5	75.8	69.0	50.6[c]	43.2	62.6
	Wind movement	1.2	0.6	1.5	1.4	....	1.2	0.8	1.0	1.2	1.2	1.1	1.0	....
Stuttgart	Evaporation	1.190	1.228	2.942	4.470	6.269	63.67	5.785	5.744	5.518	3.267	1.634	1.221	45.635
	Mean temperature	43.2	40.6	47.3	63.9	71.1	77.7	81.3	80.7	75.6	69.0	49.7[a]	45.4	62.1
	Wind movement	2.1	2.6	2.9	2.8	2.1	2.2	1.2	1.2	1.9	2.0	1.8	1.8	2.0

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1941

Stations	Jan.			Feb.			Mar.			Apr.			May			June		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	9.5	4.8	7.4	12.2	7.1	8.7	12.5	5.5	8.1	13.7	6.3	7.8	17.1	4.2	7.5	9.6	4.2	5.7
ArkansasCity	14.9	7.5	11.3	16.9	7.3	12.1	12.6	5.0	8.6	25.3	9.6	16.2	24.5	6.6	14.3	23.7	4.4	14.6
Batesville...	18.7	7.2	11.6	11.5	7.6	9.5	8.6	6.2	7.4	30.1	5.7	12.0	13.0	5.3	7.9	8.7	5.0	6.1
Benton	9.2	5.0	6.2	10.2	5.9	7.4	9.2	5.7	6.9	10.0	5.5	7.1	15.2	4.2	6.9	12.4	4.0	6.0
Big Lake Out	7.9	5.1	6.1	7.9	5.2	6.3	5.1	4.1	4.5	4.9	4.1	4.4	4.4	3.3	3.8	3.3	2.9	3.1
Black Rock..	10.0	3.6	6.3	7.3	2.6	4.4	2.6	1.7	2.1	9.1	1.8	5.5	4.6	1.9	3.2	2.0	1.3	1.6
Boughton...	12.9	5.2	7.2	14.3	5.9	10.1	17.7	5.8	9.0	20.5	6.0	9.8	20.1	4.1	9.0	14.0	4.1	7.0
CalicoRock..	12.9	2.8	6.5	6.8	3.0	4.8	4.5	2.2	3.1	26.9	1.4	7.0	7.2	1.2	3.4	4.6	1.2	2.1
Camden......	19.6	7.6	12.9	24.9	10.6	18.0	29.5	9.5	17.9	30.6	7.7	16.2	31.8	4.6	17.2	14.8	4.6	7.7
Clarendon...	22.5	15.7	19.4	23.9	17.3	21.1	17.3	11.4	14.5	25.0	11.1	17.6	26.2	10.7	19.5	11.6	8.2	10.0
Cotter.......	12.3	3.9	6.4	6.8	3.9	5.0	4.5	2.4	3.9	28.5	2.1	8.2	5.4	2.0	3.7	5.1	1.9	2.8
Danville	22.1	5.2	10.8	19.1	6.0	12.3	14.2	4.2	8.2	16.0	4.1	7.9	17.3	3.0	5.8	16.2	3.0	5.6
Dardanelle..	14.2	4.8	10.0	15.5	6.8	10.2	9.6	3.3	5.7	27.2	2.3	10.7	16.5	6.5	10.9	24.0	6.9	14.1
Des Arc......	19.7	10.0	15.2	19.8	11.8	15.3	12.1	6.6	9.2	23.6	6.4	13.9	23.7	5.9	13.8	7.6	3.8	5.7
Fulton	15.1	7.8	10.6	19.4	8.4	12.4	16.3	7.6	11.2	27.4	7.3	14.6	26.4	11.1	19.7	29.6	13.2	21.1
Georgetown .	17.9	7.4	13.0	17.8	8.6	12.2	8.9	3.6	6.2	22.6	3.6	12.0	21.5	2.8	10.4	4.8	0.6	2.6
Gilbert	11.8	3.9	5.4	6.4	4.2	4.8	4.9	3.5	4.2	6.6	3.4	4.3	7.3	3.3	4.0	5.3	3.0	3.4
Glenwood ...	6.6	5.2	5.4	7.1	5.3	5.8	5.9	5.2	5.5	7.0	5.2	5.8	7.0	5.3	5.7	7.7	5.8	5.7
Heber Spgs..	15.0	4.7	7.1	7.5	5.2	6.3	7.4	3.9	5.3	10.0	3.9	6.3	11.4	2.9	5.0	6.9	2.5	3.6
Helena	18.9	7.9	13.2	19.5	7.7	13.2	16.8	5.9	10.8	26.9	13.3	19.9	26.3	6.0	14.0	25.7	4.9	16.3
Index	14.6	8.4	10.5	17.2	8.8	11.9	14.8	8.2	10.7	24.6	7.0	13.5	23.7	12.8	18.0	28.2	13.9	19.9
Little Rock..	13.5	2.2	7.4	12.7	4.8	8.1	8.6	1.5	4.2	22.6	1.2	8.2	14.8	4.4	8.7	20.3	4.8	11.7
Madison.....	6.7	2.8	4.4	6.3	4.6	5.6	4.4	2.3	3.1	4.3	2.2	3.7	6.2	1.5	2.8	4.9	0.7	2.1
Marked Tree.	7.4	2.6	6.7	7.4	5.9	6.4	6.4	3.9	4.9	5.4	1.3	4.1	6.3	3.7	4.6	3.6	0.5	2.9
Morrilton ...	13.1	0.7	7.0	13.0	3.6	7.6	7.6	-0.5	2.5	23.4	-1.0	7.3	14.4	2.9	8.2	20.8	2.8	11.2
Mulberry....	5.7	1.7	2.9	5.2	2.1	2.7	2.6	1.5	1.9	5.9	1.4	2.4	2.4	1.2	1.6	3.0	1.1	1.4
Newport	18.6	4.2	10.6	13.8	4.2	7.8	4.5	1.9	3.3	27.2	1.6	11.3	11.9	1.2	5.2	3.6	0.3	1.4
Ozark	13.1	2.1	6.7	11.5	3.1	6.6	5.6	0.9	2.6	26.0	0.3	8.3	13.5	3.5	8.1	22.2	8.8	11.4
Parkin	8.0	4.2	6.2	7.1	5.8	6.4	5.8	3.7	4.7	5.1	2.7	4.1	5.6	3.4	4.2	3.3	1.4	2.7
Pine Bluff ..	16.4	5.3	10.6	16.5	8.1	11.6	11.6	4.7	7.5	26.5	4.5	11.4	17.9	8.3	12.9	23.7	8.9	15.5
St. Charles..	20.9	15.7	18.6	22.3	16.8	20.7	16.7	11.5	14.3	23.1	11.2	16.9	24.9	11.2	20.0	13.4	9.1	10.9
St. Francis ..	14.7	6.9	11.7	13.1	5.5	8.2	5.4	4.2	4.5	7.4	3.5	5.0	6.2	4.3	5.4	4.2	3.2	3.6
St.FrancisLL	20.6	19.3	19.9	20.9	19.3	20.3	19.3	18.4	19.1	20.2	18.1	19.3	18.7	15.8	16.7	17.3	14.3	15.9
Van Buren..	18.1	6.5	....	16.4	7.0	10.8	9.4	4.1	6.2	30.8	3.5	12.5	19.2	7.9	12.8	27.5	7.7	16.2
Whitecliffs .	14.9	4.0	8.3	23.4	4.0	11.6	18.0	4.0	9.2	25.5	4.0	12.6	25.4	3.0	13.9	23.8	5.0	15.9

Stations	July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	7.0	4.0	4.7	4.6	3.5	3.7	8.4	3.7	5.4	9.7	6.0	7.5	11.2	7.0	8.0	14.3	5.7	8.5
ArkansasCity	15.7	8.6	11.4	7.3	-1.0	1.7	9.5	-0.2	5.6	22.1	6.5	15.9	28.1	15.2	22.2	16.0	7.8	10.5
Batesville...	5.9	4.3	4.9	5.8	4.2	4.6	16.3	3.9	5.4	26.1	6.6	11.7	20.9	8.2	14.3	18.3	7.1	10.4
Benton	5.4	3.3	4.1	5.6	3.2	3.8	5.2	3.0	3.6	14.0	3.9	6.6	11.5	4.4	6.5	19.4	5.4	7.8
Big Lake Out	3.5	2.8	3.1	3.9	2.7	3.0	3.2	2.4	2.9	3.0	2.1	2.5	4.4	3.0	3.8	9.2	3.4	4.5
Black Rock..	2.7	1.2	1.5	2.0	0.9	1.1	3.7	0.8	1.4	9.7	1.8	5.0	18.5	5.7	10.5	13.6	3.3	6.4
Boughton...	10.6	3.6	5.2	4.3	3.2	3.6	6.9	3.2	3.8	7.7	3.6	4.9	9.6	4.0	5.9	19.6	4.5	8.7
CalicoRock..	2.1	0.4	0.9	1.8	0.3	0.8	11.4	0.2	1.6	21.7	2.6	7.1	27.4	3.5	8.7	12.4	3.0	5.4
Camden......	10.4	4.2	5.8	4.9	3.8	4.1	9.0	4.0	5.2	11.9	6.4	8.2	14.9	7.5	9.7	22.5	7.1	12.2
Clarendon...	8.1	7.3	7.7	7.2	6.0	6.6	12.0	5.5	6.7	23.1	10.6	15.7	27.7	23.1	25.4	23.7	14.6	18.8
Cotter.......	3.0	0.9	1.6	1.9	0.9	1.4	10.1	0.8	2.1	14.8	3.0	6.2	20.5	4.2	8.0	11.1	3.8	5.6
Danville	4.0	2.8	3.1	5.6	2.6	3.0	16.3	2.5	3.9	16.0	3.3	6.4	24.0	3.7	10.4	16.0	4.4	7.9
Dardanelle..	9.7	4.8	7.0	8.7	3.4	4.8	16.5	5.2	9.6	23.6	6.8	18.5	32.0	9.7	19.0	12.0	7.3	9.6
Des Arc......	3.8	2.8	3.2	2.8	1.7	2.2	10.0	1.3	2.7	20.1	6.0	12.6	26.3	16.8	21.6	21.8	9.9	14.3
Fulton	14.2	7.6	11.7	10.1	6.1	6.9	11.9	5.8	7.9	24.9	6.2	15.9	28.0	11.1	17.2	15.8	9.1	12.1
Georgetown .	1.3	0.4	0.6	0.4	-0.7	-0.1	8.6	-1.1	0.4	19.1	3.6	11.0	24.0	14.3	19.5	20.6	7.3	12.0
Gilbert	3.0	2.8	2.9	3.0	2.8	2.9	8.0	2.9	3.3	19.2	3.2	5.8	11.5	3.8	5.1	6.9	3.7	4.3
Glenwood ...	6.9	5.3	5.6	5.4	5.2	5.3	7.4	5.2	5.6	7.1	5.4	5.8	7.0	5.4	5.9	9.9	5.5	6.1
Heber Spgs..	3.2	2.1	2.6	5.1	1.8	2.8	10.5	2.0	3.2	24.5	3.7	8.3	29.0	4.4	7.8	20.5	4.7	7.2
Helena	18.1	9.5	14.2	7.8	1.6	4.3	11.3	3.5	8.1	22.6	7.9	16.6	27.3	13.6	21.1	15.8	8.5	11.0
Index	16.2	9.2	12.6	11.0	8.2	8.7	14.0	8.2	9.8	24.8	8.2	16.6	26.3	12.1	16.4	14.0	10.1	11.9
Little Rock..	6.6	2.5	4.5	6.1	1.6	2.6	13.6	2.9	6.9	20.6	4.5	15.9	26.3	8.2	16.9	10.8	5.8	8.3
Madison.....	1.4	0.2	0.5	1.7	-0.5	0.2	0.3	-1.0	-0.4	1.6	-0.1	0.1	6.6	0.9	3.6	3.4	0.3	2.6
Marked Tree.	2.9	1.8	2.3	2.5	0.1	1.4	3.0	0.0	1.1	3.9	-0.2	0.9	6.5	2.0	5.1	6.7	0.7	5.1
Morrilton ...	5.7	0.2	2.7	5.2	-1.4	0.1	13.4	0.6	6.0	20.6	2.8	15.7	29.1	6.7	16.3	9.2	3.5	6.4
Mulberry....	1.1	0.8	0.9	0.9	0.7	0.8	1.8	0.8	0.9	10.7	1.1	2.4	6.8	1.5	2.5	4.8	1.6	2.4
Newport	1.2	-0.1	0.3	0.4	-0.9	-0.5	9.4	-1.0	0.5	23.2	2.1	9.4	28.1	7.9	16.7	21.1	4.5	9.4
Ozark	7.0	2.1	4.2	5.2	1.2	2.2	14.1	2.1	6.9	21.4	4.1	16.3	33.0	6.4	16.3	9.2	3.3	6.4
Parkin	2.8	1.8	2.2	2.0	0.7	1.5	2.1	0.3	1.1	2.6	0.4	1.1	5.4	2.0	4.1	6.0	1.3	4.5
Pine Bluff ..	10.4	6.2	8.3	9.5	4.9	6.0	16.5	6.4	10.4	23.9	8.0	18.9	30.6	13.3	21.3	15.5	9.8	12.3
St. Charles..	9.0	7.8	8.3	7.9	6.6	7.2	10.3	6.1	7.1	21.6	10.9	15.2	26.1	21.8	24.5	24.1	14.3	18.7
St. Francis ..	4.4	2.4	3.0	3.5	2.4	2.8	3.3	2.4	2.8	12.6	2.2	6.4	17.8	9.6	13.9	17.0	5.9	10.2
St.FrancisLL	15.8	14.1	14.7	16.5	14.1	15.0	17.6	14.0	15.6	18.4	14.2	16.4	19.8	16.4	18.1	20.4	17.6	19.0
Van Buren..	11.5	5.8	8.4	9.8	4.4	5.9	19.6	5.5	11.4	27.8	8.1	21.7	35.8	10.9	20.5	14.1	9.1	11.2
Whitecliffs .	16.8	1.7	5.2	2.0	1.6	1.2	2.0	1.0	1.0	17.2	1.0	8.5	23.8	2.8	12.9	20.2	2.6	8.9

(Continued from page 73)

Hamburg, Ashley County. These two tornadoes killed 18 people, injured 75 and caused property damage in excess of $200,000. Of the two tornadoes, the one at Hamburg was much more severe, since it destroyed 42 houses and damaged 53 other dwellings. A less severe tornado occurred in Benton and Carroll counties on April 18th. One person was injured and several buildings demolished at War Eagle, Benton County and Grandview, Carroll County.

A severe electrical storm on the night of July 18-19 caused some damage to electric lines in central sections of the State. On the same night high winds and lightning resulted in about $25,000 property damage at Jonesboro. Two homes and several other buildings were severely damaged by lightning and high winds.

The year was favorable for the growth of crops, except in the northeastern section of Arkansas. Spring farm operations were late getting started due to cold, wet weather in March. Crops in the northeastern counties received a severe setback in May and June due to droughty conditions. Considerable corn was ruined for grain and had to be pulled for fodder. An excellent strawberry crop was harvested in White County in May. Good crops of watermellons, cantaloupes and peaches were harvested in August. The cotton crop was good, although flooded river bottoms in October and November resulted in some delay and loss. Considerable corn, hay and forage crops were ruined in lowlands in the Arkansas and White River Valleys by the November floods. In most sections of the State the 1941 growing season, that is the period between the last killing frost in spring and the first killing frost in autumn, extended from March 29th to November 10th. This makes a growing season of 226 days, which is slightly longer than an average season.

FLOODS IN 1941

Arkansas River

Flood stages occurred on the Arkansas River in April, June, October and November. The river reached a stage of 31.4 feet at Ft. Smith on April 22d, but, farther down the river, crests were only slightly above flood stage. Flood stages occurred again in June from Morrilton west. In October, moderate flood stages caused some loss to farmers in loss or damage to mature crops in the bottom lands. The worst flood of the year occurred early in November when the river reached unusually high stages from Little Rock west. Approximately 185,000 acres were inundated, causing a large loss in mature crops and some damage to levees and bridges.

White River

Moderate flood stages occurred on the White River at Batesville and Newport in April, and at Clarendon and St. Charles in May. Moderate flood stages were reported again in October from Batesville north. The highest stages of the year occurred in November, when a considerable acreage of mature crops was covered with water.

Ouachita River

The Ouachita River was at moderate flood stages on March 11th and again during the latter part of April. Heavy rains in May forced the river to 17 feet at Arkadelphia on the 9th and 32 feet at Camden on the 11th. The river was below flood stage during the remainder of the year. These spring rises occasioned some loss to farmers in the valley, since it was necessary to replant some crops in the lowlands.

Red River

The Red River was in flood for several days during the middle of June. Most of the property loss was in prospective crops, about 10,000 acres of lowlands near Index being inundated.

Final Estimate of Flood Losses during 1941

Arkansas River................	$2,224,500
White River	329,600
Ouachita River	12,000
Red River	100,000
Total....................	$2,666,100

B.N.W.

MISCELLANEOUS PHENOMENA, 1941

Month	Hail, moderate		Hail, heavy			Thunderstorms		Dense fog		Sleet		Glaze		Winds, high, not tornadoes			Tornadoes					Flood Damage			Killed by Lightning	Damage by lightning
	Reports	Days with	Reports	Days with	Damage	Reports	Days With	Reports	Days with	Reports	Days with	Reports	Days with	Reports	Days with	Damage	Reports	Days with	Killed	Injured	Damage	Reports	Days with	Damage		
January	3	2				91	11	43	14	7	2					$					$	1	2	$ 600		$
February						20	4	23	9	34	9	18	4													
March						19	8	34	12	11	6											2	5	1,500		
April	1	1	3	3		148	19	23	13					10	1	6000	6	1		1	4,000	45	7	100,000		
May	6	4	2	2		74	20	23	7													15	6	9,200		
June						243	24	10	8					2	1	500						10	2	235,000		
July	1	1				317	29	11	11					5	1	20,000									2	500
August	1	1				268	28	11	8																4	5,000
September						81	14	22	15					56	1											2,000
October						129	22	61	25								12	1	19	75	200,000	30	3	132,000		
November						14	5	27	14	13	6											40	10	2,187,800		
December	2	1				54	11	102	18	31	6	10	3													
Year	14	10	5	5		1458	195	390	154	96	29	28	7	73	4	26,500	18	2	19	76	204,000	143	35	2,666,100	6	7,500

COOPERATIVE OBSERVERS

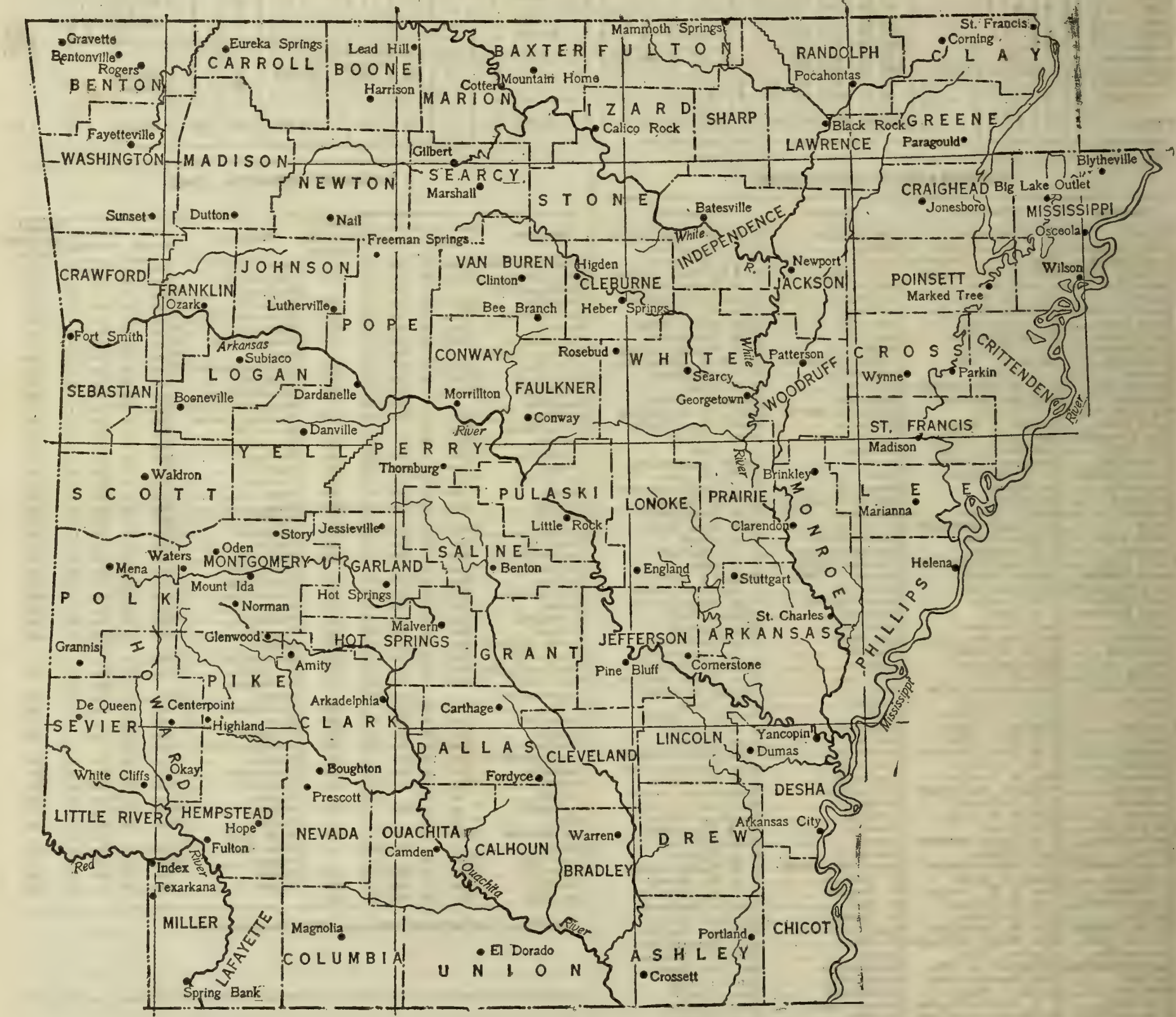
Stations	Observers	Stations	Observers
Abbott	M. L. Satterfield	Hot Springs	National Park Service
Alum Fork Reser	L. R. Water Works	Huttig	U. S. Engineers
Arkadelphia	Mrs. Ted R. Carpenter	Index.	W. E. McDowell
Arkansas City	Geo. W. Reitzammer	Irons Fork	U.S.F.S. Exp. Station.
BatesvilleAirway	Airway Observer	Jessieville.	U. S. Forest Service
Batesville	Mrs. Ida Barnwell	Jonesboro	Benedictine Sisters
Batesville Livesk	Livestock Exp. Sta.	LaCrosse	Pitney O. Wren
Beaty Lake	L. G. Adamson	Lake City.	Mrs. Dan C. Bates
Bee Branch	Minnie Scanlan	Lead Hill	J. H. Crosswhite
Beech Grove	C. K. Walters	Little Rock	U. S. Weather Bureau
Beedeville.	Richard C. Roy	Little Rock Airway	U.S.W.B. Airway Sta.
Benton	S. A. Burks	Lutherville	H. G. Lenhardt
Bentonville	U. S. Weather Bureau	Madison	J. W. Eppes
Bethesda	Soil Cons, Service	Magnolia	StateAgr. School
Big Lake Outlet	C. J Brooks	Mammoth Spring	Mrs. Johnnie Morton
Black Rock	Vernon C. Howe	Marianna	Cotton Exp. Station
Blue Mountain	Mrs. Addie Billings	Marked Tree	Chas. Walton
Bluff City.	Ark. Forestry Com.	Marshall	A. J. Park
Blytheville	Maureen K Norris	Marvel	Oscar Blankenship
Booneville(near)	F. H. Randolph	Mena	E. W. St. John
Booneville	Lee Fields	Mena CCC.	U. S. Forest Service
Boughton	Ruby Buie	Monticello Airway	Airway Observer
Brinkley	Robt. J. Torry	Moro Bay	U. S. Engineers
Cabot	Soil Conservation Ser.	Morrilton	Mrs. Nova Berry
Calico Rock.	William Jones	Mountainburg	C. A. Lovell
Camden	J M. Knight	Mountain Home	H. N. Halbert
Camp Alton.	Soil Conservation Ser.	Mountain Valley	J. G. Scott
Camp Chaffee.	Black & Veatch	Mountain View.	Corbin E. Moody
Camp Damascus.	Soil Cons Ser.	Mount Ida	J. S. Whittington
Camp Marion	C. W. Grady	Mount Ida CCC	U. S. Forest Service
Camp Robinson.	U. S. Army	Mulberry	Clifton Ward
Carlisle	Leo V. Brians	Nashville	Brice Carruth
Charlotte	Soil Cons. Ser.	New Hope	Clarence Turner
Clarendon	R. M. Wheatley	Newport	J. D. Henderson
Clay.	Soil Cons. Ser.	Odell	Clara M. Whited
Clinton	Doyle G. Love	Oden	U. S. Forest Service
Clover Bend.	Farm Security Adm.	Okay	Charles R. Jackson
Conway	E E. Cordrey	Osceola.	G. H. Banks
Corley.	U.S. Forest Service	Ozark.	Orkney O. Milton
Corning	Winfred D Polk	Paragould.	J. E. Garrett
Cotter	O. B. McSpadden	Parkin	Carroll King
Crossett.	U. S. Forest Service	Perryville	Rudolph C Cranford
Danville	J. M. Patterson	Pine Bluff	Miss Theresa Scheu
Dardanelle	Geo. N. Goodier	Pine Ridge	J. R. Huddleston
Denmark	Walter E. Radabaugh	Pocahontas	Benedictine Sisters
De Queen	L. D. McCowan	Portland	Mrs. Pearl Newton
Dermott	Kay D. McNeely	Pottsville	Raymond Pullen
Des Arc	Z. R. Glenn	Prescott	W. R. Hambright
Devils Knob	U. S. Forest Service	Rogers	Howard Fowler
Dumas	Ben Johnson	Rosebud	G. A. Maddox
Dutch Creek CCC	U.S. Forest Service	Russellville Evap.	U. S. Forest Service
Eagle Gap.	Nancy V. Egger	St Charles	U. S. Bio. Survey
El Dorado	Mrs. E. W. Gaston	St. Francis	A. Boyce Boyd, Jr.
Eleven Point	John H. Jackson	St. Paul	Wm. B. Brashears
England	O. V. Halbrook	St. Vincent.	Soil Con. Service
Eureka Springs.	Geo. W. Nichoalds	Searcy	Walter A. Smith
Evening Shade	Mrs. Flora E. Williams	Sheridan	Ark. Forestry Com.
Fayetteville	Charles F. Ford	Shirley	Minnie L. Moldon
FayettevilleExp.	University of Ark.	Solgahachie.	Soil Cons Service
Fordyce.	Ark. Forestry Com.	Sparkman	James L. Key
Forrester	Morna V. Turner	Springbank	Henry Field
Fort Smith	U. S. Weather Bureau	Stamps (near)	Hillard Baker
Ft. Smith Wt. P.	Ft. Smith Water Dept.	Stephens	Neal N. Riley
Fulton	T. J. Logan	Story	S. C. Story
Georgetown	C. G. Long	Stuttgart	Mrs. B. E. Swim
Gilbert	F. J. King	Stuttgart Evap.	Rice Experiment Sta.
Glenwood	C. A. Price	Subiaco	New Subiaco Abbey
Grannis	W. E. McVay	Sugar Grove.	O. R. Fennell
Gravelly	Lois Doughit	Texarkana	H. S. Brashear
Gravette	J. A. Schmidt	Tichnor	Andrew M. Olson
Green Forest	R. A. Kendall	Turnpike	U.S Forest Service
Green Mountain	U. S. Forest Service	Vick.	Jeff D. Pope
Greenwood	W E. Goforth	Wabash	Farm Security Adm.
Harrisburg	Irl M. Meredith	Waldron	Wilson Ferguson
Harrison	Louis R. Keck	Walnut Grove	A. H. Fast
Heber Springs	Lester B. Logan	Warren	C. N Turner
Helena	James A. Burnett	Whitecliffs	L. M. Snead
Highland	F. C. Cooley	White Rock	U. S. Forest Serv.
Hollis.	U.S. Forest Service	Wilson	D. O. Anderson
Hon.	Wilson Ferguson	Wright	Farm Security Adm.
Hope	Experiment Farm	Wynne.	B. M. Eddins

KILLING FROSTS, 1941

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Mar. 29	Nov. 9	225	LITTLE ROCK	Mar. 19	Nov. 10	236
Arkadelphia	Mar. 29	Nov. 8	224	Lutherville	Mar. 29	Nov. 8	224
Arkansas City		Nov. 10	...	Madison.	*Mar. 18	Nov. 10	237
Batesville	*Mar. 29	Nov. 10	226	Magnolia	*Mar. 18	*Nov. 10	237
Bee Branch	*Mar. 29	*Nov. 8	224	MammothSpring	Mar. 29	Nov. 7	223
Benton	Mar. 29	Nov. 8	224	Marianna	*Mar. 29	Nov 10	226
Bentonville	Mar. 29	Nov. 10	226	Marked Tree	*Mar. 29	Nov. 11	227
Big Lake Outlet		Nov. 8	...	Mena	*Mar. 29	Nov. 9	225
Black Rock	Mar. 29	Nov. 7	223	MonticelloAiry	*Mar. 18	Nov 25	252
Blytheville	*Mar. 19	Nov. 11	237	Morrilton	Mar. 19	Nov. 10	236
Booneville	*Mar. 29	Nov. 9	225	Mountainburg	Mar. 29	Nov 9	225
Boughton		Nov. 9	...	Mountain Home	Mar. 29	*Nov. 8	224
Brinkley	Mar. 29	*Nov. 10	226	Mountain Valley	Mar. 29	Nov. 9	225
Calico Rock	Mar. 29		...	Mount Ida	Mar. 29	Nov. 10	226
Camden	*Mar. 29	Nov. 10	226	Mt. Ida CCC.	Mar. 29	Nov 9	225
Clarendon	Mar. 17	Nov. 10	238	Mulberry	Mar. 29	Nov. 9	225
Clinton	Mar. 13	Nov. 10	242	Nashville	Mar. 29	Nov. 10	226
Clover Bend	*Mar. 29	*Nov. 8	224	Newport	Mar. 29	Nov. 10	226
Conway	*Mar. 29	Nov. 10	226	Oden	Mar. 29	Nov. 9	225
Corning	Mar. 24	*Nov. 8	229	Okay	Mar. 29	Nov. 10	226
Cotter			...	Ozark	Mar. 29	Nov. 10	226
Crossett	*Mar. 29	Nov. 12	228	Paragould	*Mar. 25	Nov. 11	231
Danville	Mar. 29	Nov. 9	225	Parkin	Mar. 14	Nov. 11	242
Dardanelle	Mar. 29	Nov. 10	226	Perryville.	Mar. 29	Nov. 10	226
De Queen	*Mar. 29		...	Pine Bluff.	*Mar. 18	Nov. 25	252
Des Arc	Mar. 29	*Nov. 10	226	Pine Ridge	Mar. 29	Nov. 9	225
Devils Knob	Mar. 29	Nov. 10	226	Pocahontas	*Mar. 25	*Nov. 8	228
Dumas	Mar. 17	Nov. 10	238	Portland	Mar. 19	Nov. 10	236
El Dorado	*Mar. 19	Nov. 8	234	Prescott	*Mar. 18	Nov. 10	237
England	*Mar. 29	Nov. 10	226	Rogers	Mar. 29	*Nov. 8	224
Eureka Springs	Mar. 29	Nov. 10	226	Rosebud		Nov. 10	...
Fayetteville	Mar. 29	*Nov. 8	224	Russellville	Mar. 29		...
Fayetteville Ex	Mar. 29	*Nov. 8	224	St. Charles.	*Mar. 19	Nov. 10	236
Fort Smith.	Mar. 1	Nov. 10	254	St. Francis		Nov. 11	...
Georgetown		Nov. 10	...	Searcy	*Mar. 29	Nov. 10	226
Gilbert	*Mar. 29	*Nov. 7	223	Springbank	Mar. 11	Nov. 10	244
Glenwood	Mar. 29	Nov. 10	226	Story	Mar. 29		...
Grannis	Mar. 29	Nov. 10	226	Stuttgart	Mar. 29	Nov. 9	225
Gravette	Mar. 29	Nov. 10	226	Stuttgart Evap.	*Mar. 29		...
GreenMountain	*Mar. 29	*Nov. 8	224	Subiaco	*Mar. 19	Nov 8	234
Harrison	Mar. 29	Nov. 8	224	Texarkana	*Mar. 18	Nov. 10	237
Helena	*Mar. 29	Nov. 8	224	Turnpike	*Mar. 29	Nov. 10	226
Higden	Mar. 29		...	Wabash	*Mar. 18	*Nov. 10	237
Highland	*Mar. 19	*Nov. 8	234	Waldron	*Mar. 19	*Nov. 8	234
Hope	*Mar. 29		...	Warren	*Mar. 19	Nov. 10	236
Hot Springs	*Mar. 18	Nov. 9	236	White Cliffs		Nov. 10	...
Index		Nov. 10	...	White Rock	Mar. 29	Nov. 8	224
Irons Fork	*Mar. 29		...	Wilson	*Mar. 23	Nov. 8	234
Jessieville	Mar. 27	Nov. 10	228	Wright	*Mar. 19	Nov. 10	236
Jonesboro	Mar. 19	Nov. 8	234	Wynne	Mar. 29	Nov. 10	226
Lead Hill	Mar. 29	Nov. 10	226				

*Indicates freezing temperature, no killing frost reported.

Departures from normal temperature are computed from averages of entire period for stations having 10 or more years record. Departures of precipitation with 15 years or more record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive. T., less than 0.01 inch rain or melted snow. Reference letters a, b, c, appearing in the table indicate number of days missing. § Also on later dates. †Post-office addresses of these stations as follows: Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott: Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Hon, Waldron; Index, Route 5, Texarkana; Irons Fork, Exp. Station, Mena; Lutherville, Route 1; Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mount Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.



Weather Bureau Office, Little Rock, Ark. 2-12-42—1500

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